



Epidemiological Highlights

Week 17 (23-29 Apr) 2023



World Health
Organization

EWARS Reporting Updates for Epi week 17, 2023

Currently, a total of **158 health facilities** are registered in EWARS

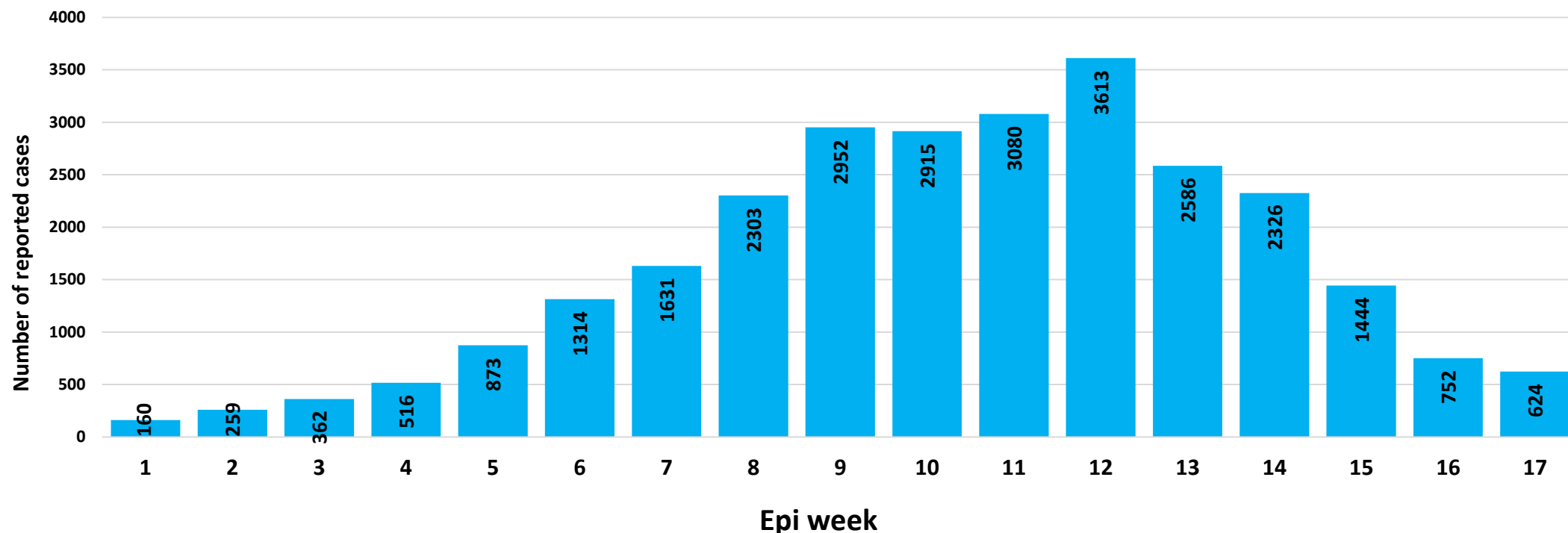
- Of those 131 weekly reports were received on time in week 17 in 2023
- Timeliness and completeness of weekly reporting were 83% which is above the national weekly threshold
- Sixty-three (63) alerts were triggered
- All alerts were reviewed and verified by the WHO EWARS team; this is an 80% increase from the previous week (35 alerts in week 16, 2023)

Weekly Proportionate Morbidity and SARI Mortality among the FDMN population from 2020-Epi 17, 2023

- Acute Respiratory Infections (20.6%), Acute Watery Diarrheal Diseases (3.6%), and Injury and wounds (2.7%) were the diseases and health conditions with the highest proportional morbidity this week.
- Monitoring of suspected SARI death under enhanced Community-based mortality surveillance has been continued since week 28, 2020. So far, 25 cases of which none is probable COVID-19 Death, have been reported in 2023
- This Epi week, No new SARI deaths were reported, and upon investigation, none met reclassification as probable COVID-19 death as highlighted below:

| Year | Suspected SARI death reported (current week) | Reclassified as death due to probable COVID-19 |
|------|---|---|
| 2023 | 25 (0) | 0 |
| 2022 | 136 | 8 |
| 2021 | 96 | 15 |
| 2020 | 49 | 2 |

Weekly Trends of suspected Varicella Cases in FDMN Camps from Epi week 1-17, 2023



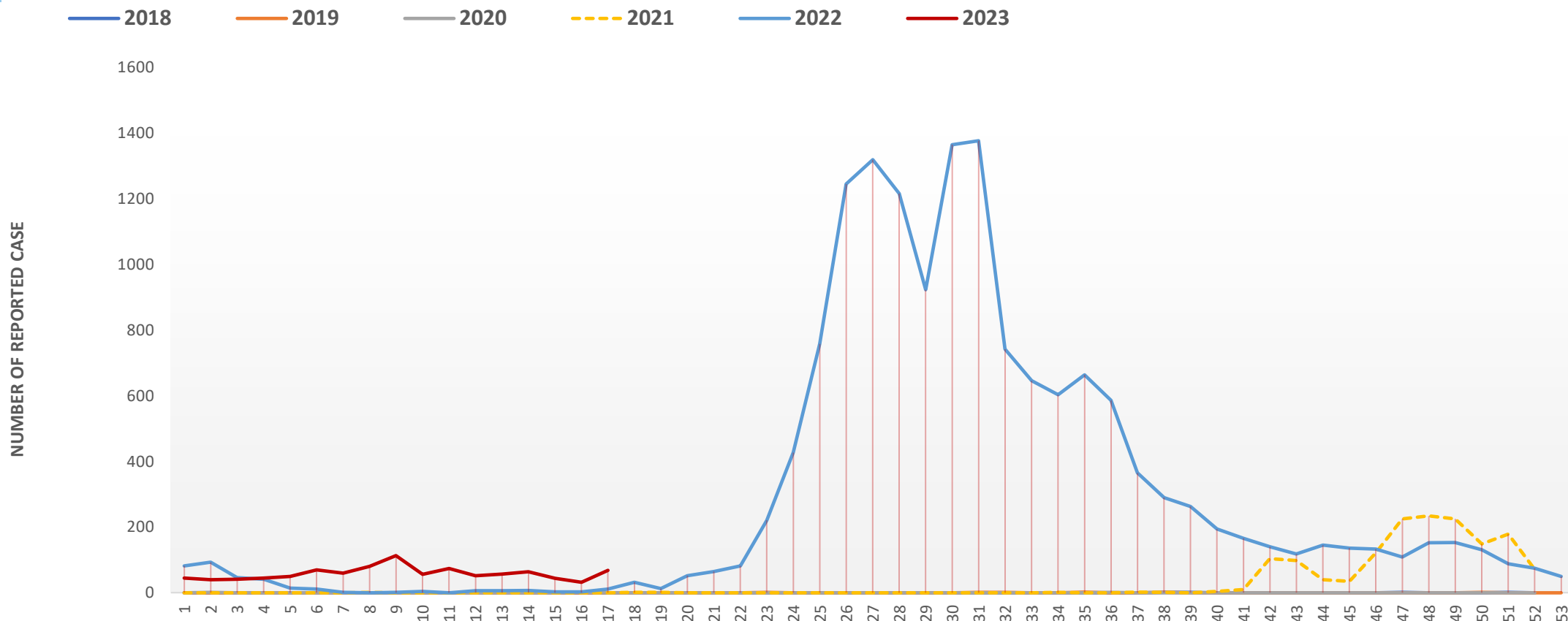
This reporting week, 624 new suspected cases of Varicella were reported through EWARS

So far In 2023, a cumulate total of 27,710 suspected Varicella cases have been reported with trends beginning to decline in Epi week 13 upon peaking in Epi week 12 as shown above

There has been an exponential increase in the number of suspected varicella cases reported in most weeks of 2023 compared to a similar period in the previous years

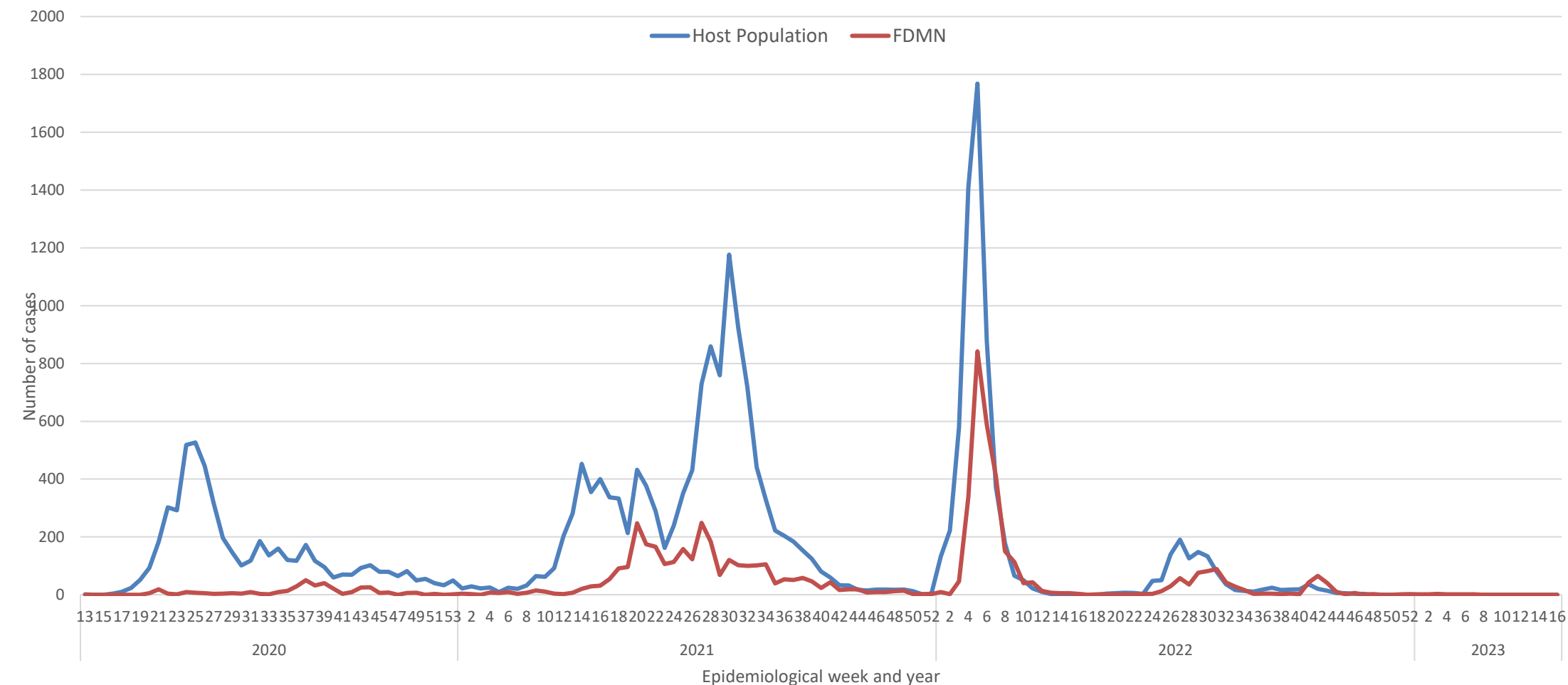
Varicella contributes 1.4 % of weekly proportional morbidity among total consultations. No fatalities reported yet

Annual trends of confirmed Dengue cases among FDMN and host population in Cox's Bazar from 2018 to Epi Week 17, 2023



- ❑ Cumulative of 991 confirmed dengue cases and 2 death with a CFR 0.2% have been reported so far in 2023
- ❑ The current transmission is a continuation of that for 2021/2022 (possible endemic transmission established)
- ❑ Camp 3 and the surrounding camps continue to bear the greatest burden of the cases so far reported in 2023 similar to 2022

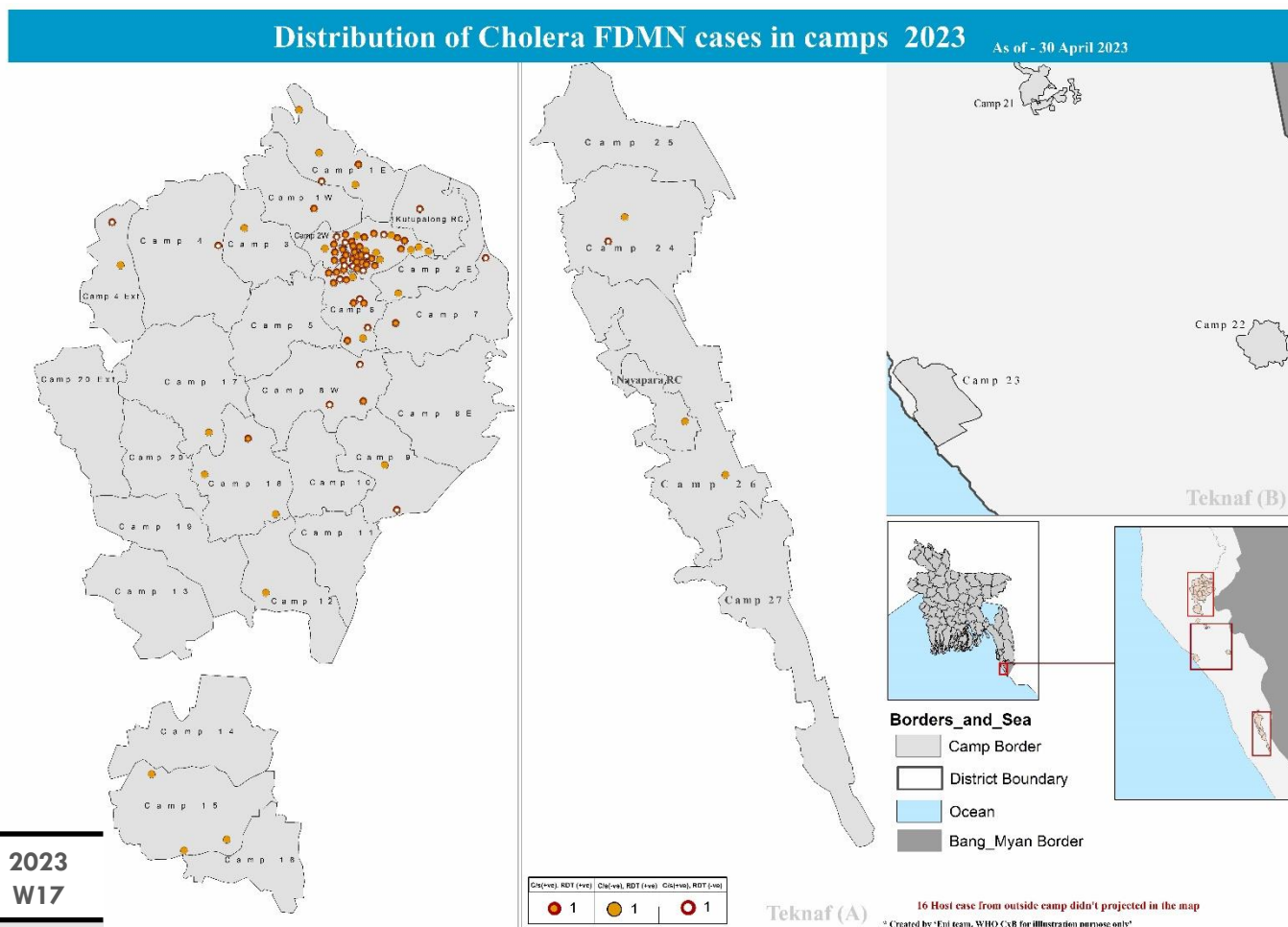
Weekly Trends of COVID-19 Cases among FDMN and Host population in Cox's Bazar District from Epi week 13, 2020- Epi week 17, 2023



The COVID-19 transmission appears to be under control in the two populations and zero weekly caseloads has been sustained so far in 2023 among host population and for 09 weeks among FDMN population.

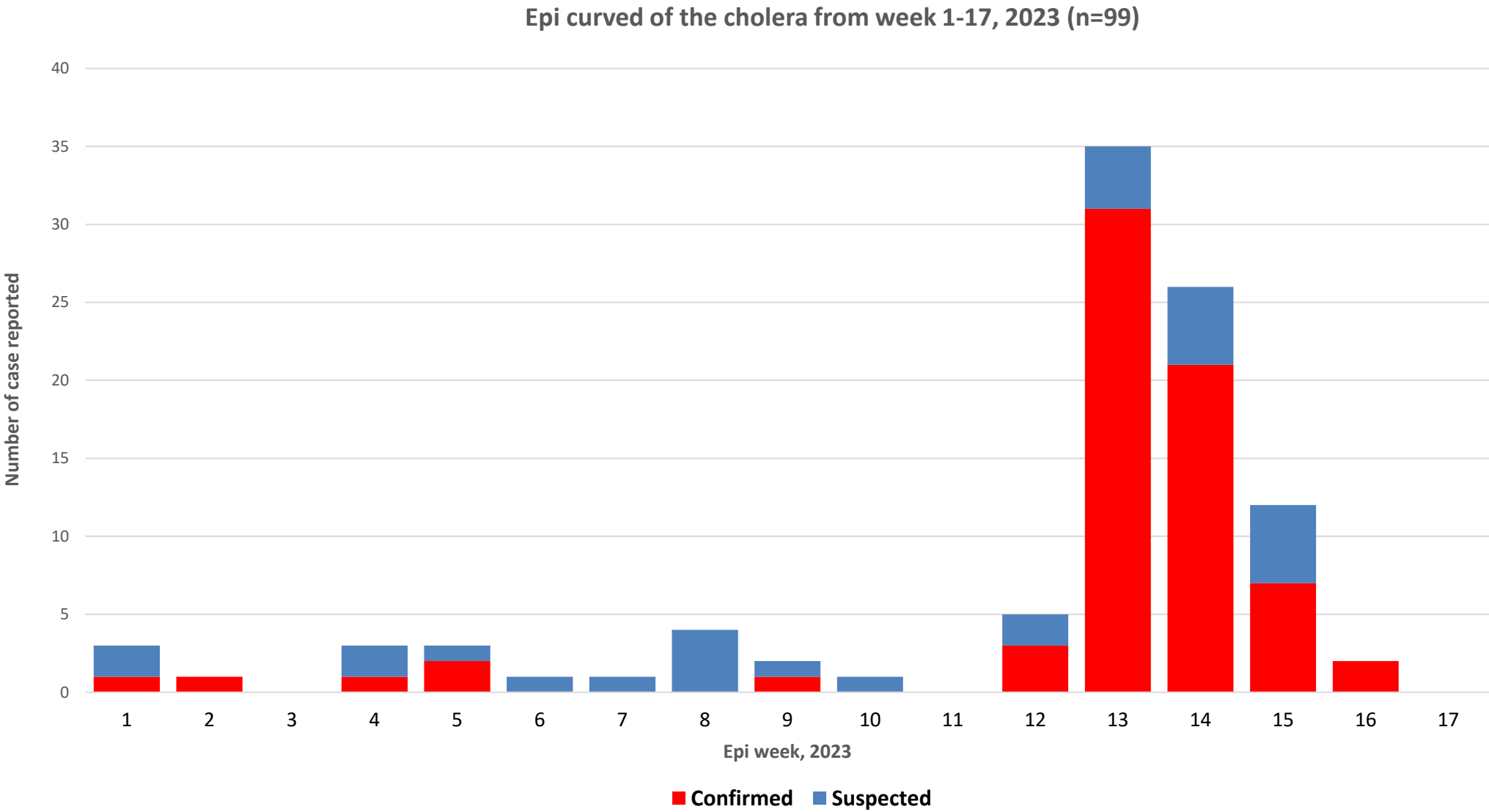
Cholera/AWD Surveillance Updates

- In this week, there are no new culture-confirmed cases were reported
- A total of 99 cases of which 29 RDT-positive AWD/cholera suspected cases and 70 culture-confirmed Cholera cases have so far been reported in (Epi week 1-16) 2023.
- Cumulatively there are 961 RDT AWD cases/Cholera suspects have been reported while 472 cases were culture-confirmed since transmission in 2018.



| | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 W17 |
|---|----------|------------|----------|------------|-----------|-------------|
| RDT positive AWD cases & culture confirmed for Cholera cases | 49 | 258 | 28 | 357 | 170 | 99 |
| Culture confirmed for Cholera | 7 | 184 | 5 | 136 | 70 | 70 |

Weekly trends of suspected and confirmed cholera cases from Week 1-17



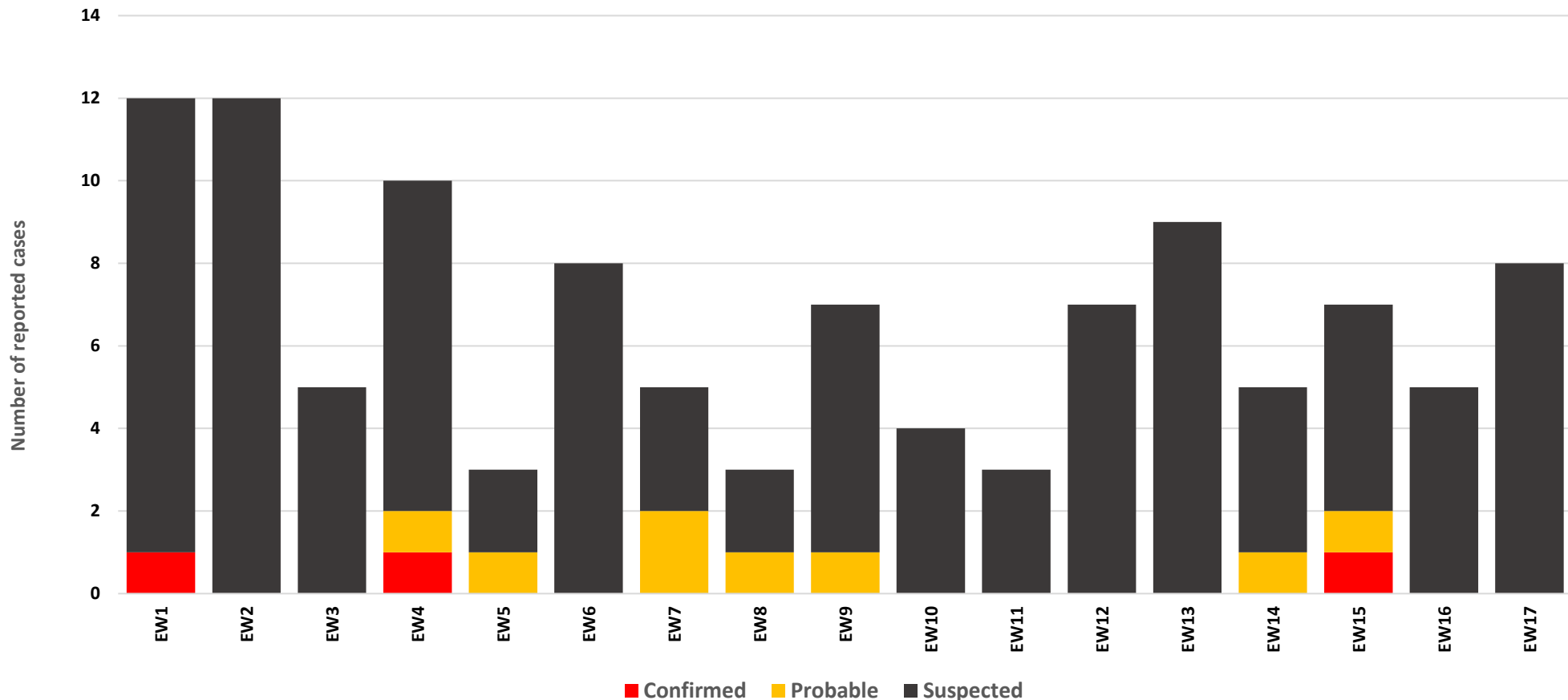
Weekly and annual Diphtheria Surveillance Updates from 2017- Epi week 17, 2023

- Eight (08) suspected diphtheria cases were reported in go.data in this Epi week
- The last confirmed case was reported on 13 April 2023
- In total 54 deaths have so far been reported since 2017, with the last death reported on 18 October 2022

| Classification | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|----------------|------|------|------|------|------|------|------|
| Confirmed | 66 | 226 | 31 | 19 | 30 | 56 | 3 |
| Probable | 1154 | 1555 | 60 | 9 | 29 | 3 | 8 |
| Suspected | 1796 | 3549 | 523 | 198 | 118 | 349 | 102 |
| Death | 30 | 14 | 3 | 0 | 5 | 2 | 0 |

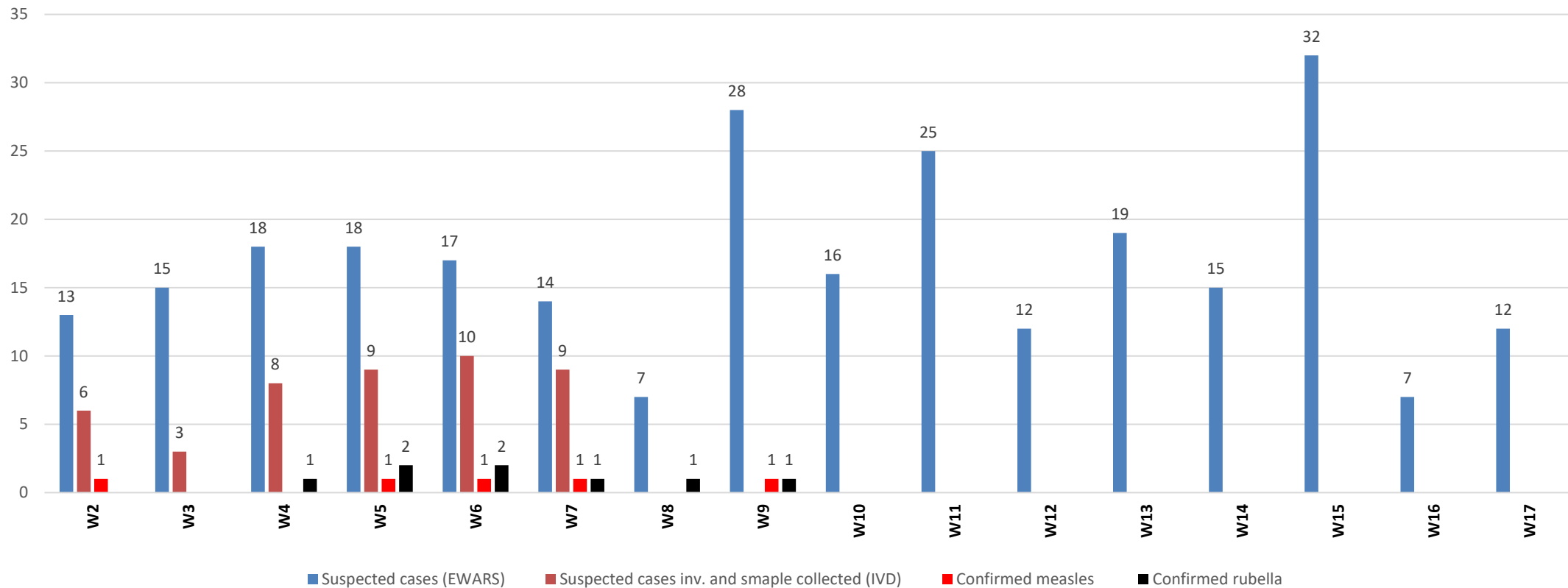
Weekly trends of Diphtheria cases from week 1-17, 2023

Total number of diphtheria case reported in EWARS from week 1-17, 2023



- Persistent transmission continues to be reported, Diphtheria vaccination campaign concluded in all 33 camps with 92% coverage
- There are 113 diphtheria cases (3 confirmed 8 probable and 102 suspected cases) and zero fatalities so far reported in 2023

Epi Curve of Weekly Suspected Measles Cases week 1-17, 2023



- Twelve (**12**) suspected measles cases were reported this Epi week which is 71% increase from the previous week(Epi week 16)
- Total of 279 cases were reported through EWARS, 58 cases were reported through IVD case-based surveillance of which 14 were confirmed through the lab (IgM positive)
- Six (06) confirmed cases were measles and 8 were rubella confirmed
- Epidemiology and IVD units undertaking investigations

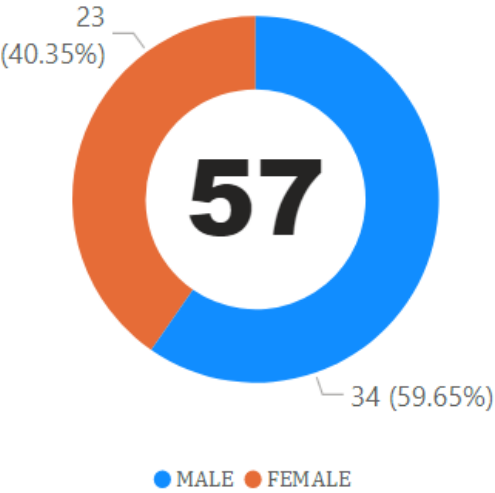
Community-based Mortality surveillance updates Epi week 17, 2023

| Probable causes of death | Epi week 17 | In 2023 |
|---|------------------|-------------------|
| Still Birth | 6 (11%) | 101 (11%) |
| Neonatal Death (<28 days old) | 5 (9%) | 97 (10%) |
| Infectious Disease | 1 (2%) | 25 (3%) |
| Severe Acute Respiratory Infection (SARI) | -- | 18 (2%) |
| Injury | -- | 23 (3%) |
| Maternal Death | 1 (2%) | 19 (2%) |
| Acute Malnutrition | -- | 2 (0%) |
| Other | 44 (77%) | 666 (70%) |
| Total | 57 (100%) | 951 (100%) |

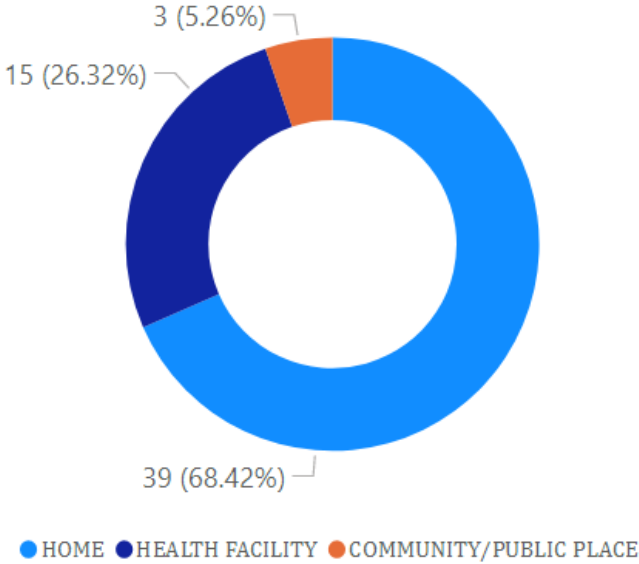
Partners to report all mortalities into the EWARS platform using both case and event-based reporting as applicable

Community-based Mortality Surveillance updates Epi week 17, 2023

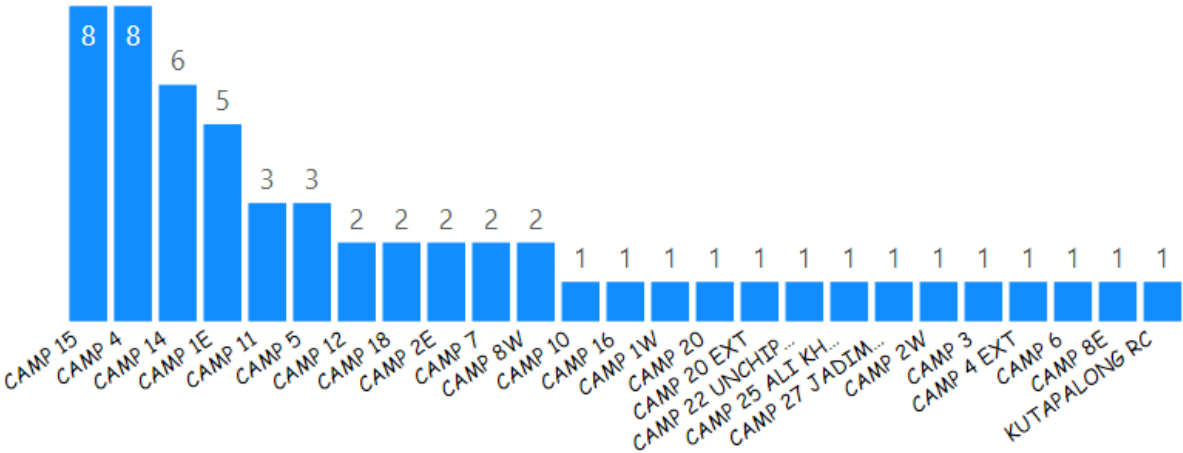
Gender distribution



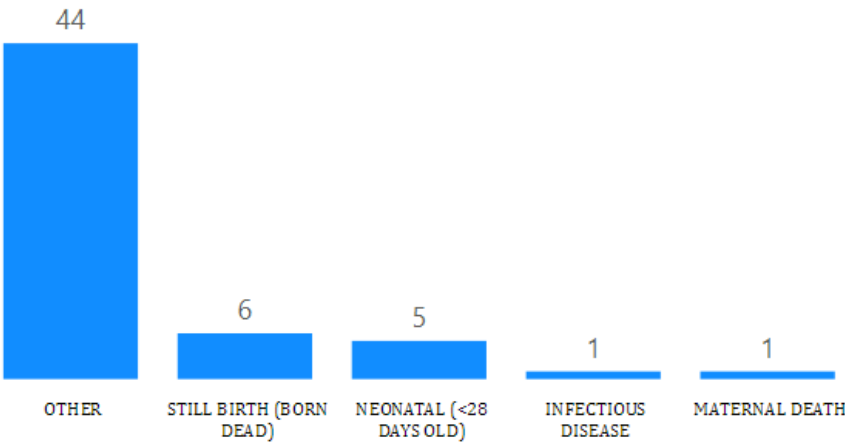
Place of death



Distribution of deceased Camp



Distribution of Probable cause of death



Bangladesh

Rohingya Emergency Response

Early Warning, Alert and
Response System (EWARS)

Epidemiological Bulletin W17 2023



Ministry of Health and Family
Welfare Bangladesh



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Printed: 05:48 Thursday, 11 May 2023 UTC

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Alert

| | |
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Sources of data

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

Highlights W17 2023

Table 1 | Coverage

| # | % | |
|---------|-----|--|
| 952,309 | - | Estimated total Rohingya population ¹ |
| 923,358 | 97% | Total population under surveillance |
| 165 | - | Total number of health facilities |
| 158 | 96% | Number of EWARS reporting sites |

Table 2 | Early warning performance indicators

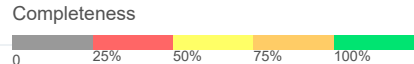
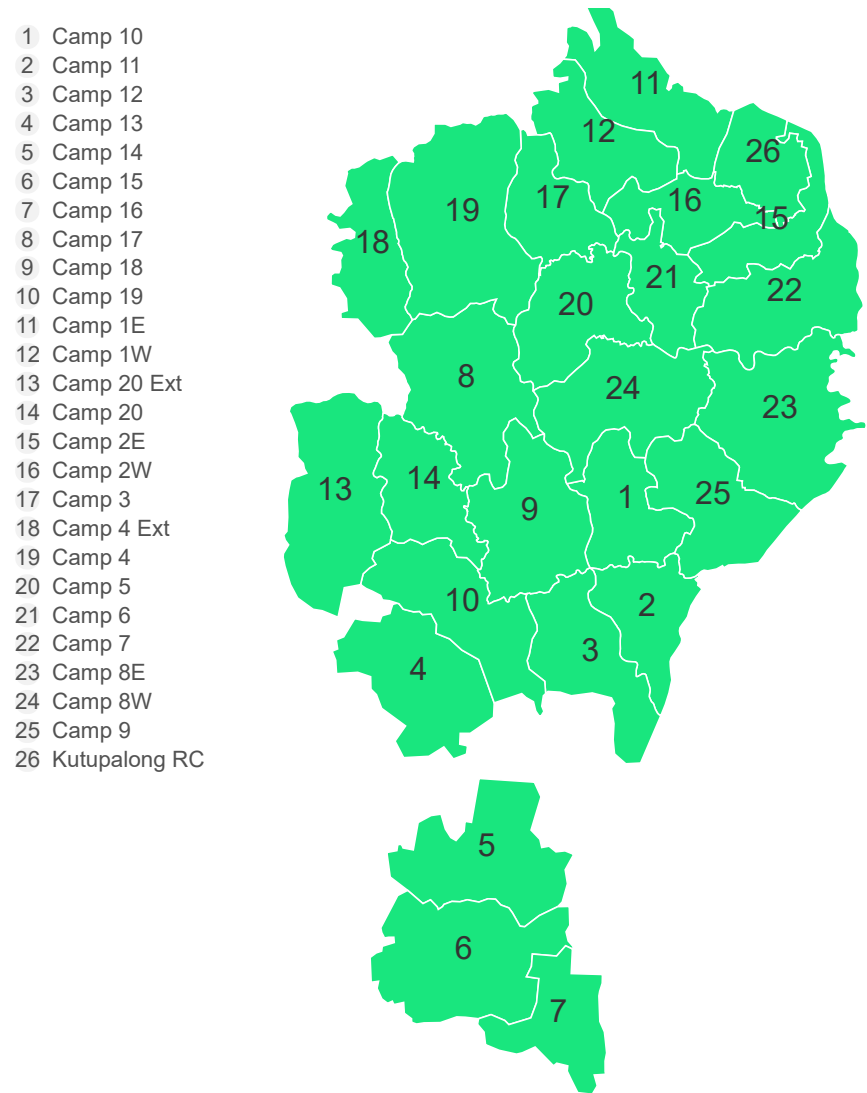
| W17 | Cumulative (2023) | |
|-----|-------------------|-----------------------------------|
| 131 | 2722 | Number of weekly reports received |
| 83% | 90% | Completeness |
| 83% | 88% | Timeliness |

Table 3 Alert performance indicators

| W17 | Cumulative (2023) | |
|------|-------------------|------------------------------|
| 63 | 1,417 | Total alerts raised |
| 100% | 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 2021.

Map 1a | Ukhia completeness by camp



Map 1b | Teknaf completeness by camp

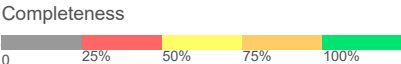
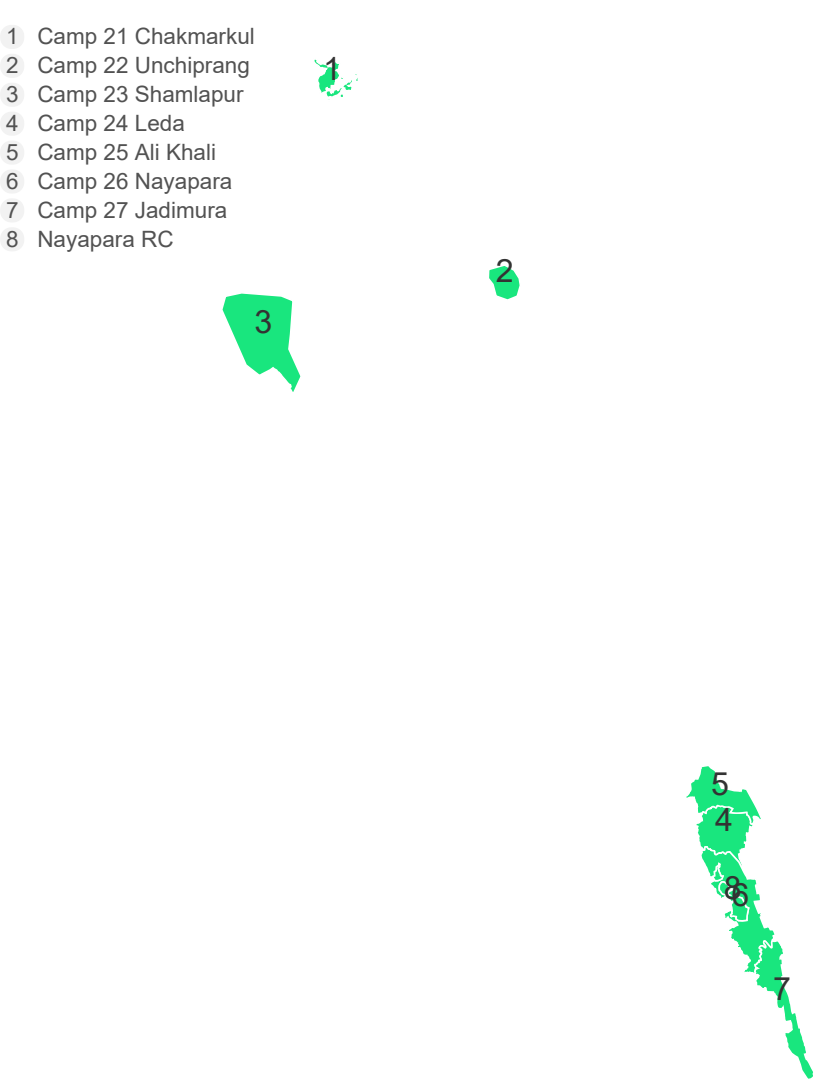
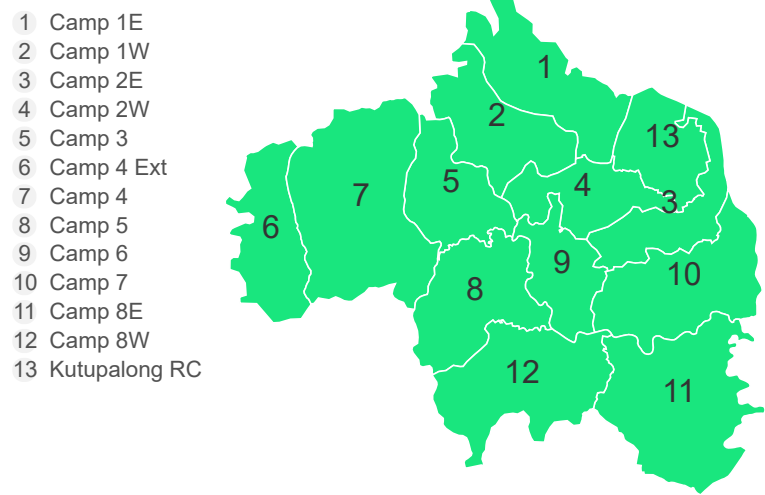


Table 4 | Performance by camp (W17 2023)

| Northern group | Reporting | | Performance | |
|----------------------|---------------------|--------------------|--------------|------------|
| | # health facilities | # reports received | Completeness | Timeliness |
| Ukhia Northern Group | | | | |
| Camp 1E | 4 | 4 | 100% | 0% |
| Camp 1W | 5 | 4 | 100% | 10% |
| Camp 2E | 3 | 3 | 100% | 0% |
| Camp 2W | 4 | 4 | 75% | 0% |
| Camp 3 | 5 | 3 | 75% | 0% |
| Camp 4 | 5 | 5 | 100% | 0% |
| Camp 4 Ext | 1 | 1 | 100% | 0% |
| Camp 5 | 5 | 4 | 80% | 0% |
| Camp 6 | 2 | 2 | 100% | 0% |
| Camp 7 | 4 | 4 | 100% | 0% |
| Camp 8E | 9 | 9 | 100% | 0% |
| Camp 8W | 4 | 3 | 75% | 0% |
| Kutupalong RC | 2 | 2 | 100% | 0% |

Map 2 | Completeness by camp



Completeness

0

25%

50%

75%

100%

Table 5 | Performance by camp (W17 2023)

| Southern group | Reporting | | Performance | |
|----------------------|---------------------|--------------------|--------------|------------|
| | # health facilities | # reports received | Completeness | Timeliness |
| Ukhia Southern Group | | | | |
| Camp 10 | 4 | 4 | 100% | 0% |
| Camp 11 | 6 | 3 | 50% | 0% |
| Camp 12 | 6 | 5 | 100% | 0% |
| Camp 13 | 8 | 7 | 100% | 0% |
| Camp 14 | 6 | 6 | 100% | 0% |
| Camp 15 | 8 | 7 | 88% | 0% |
| Camp 16 | 7 | 5 | 71% | 0% |
| Camp 17 | 5 | 3 | 60% | 0% |
| Camp 18 | 4 | 4 | 100% | 0% |
| Camp 19 | 4 | 3 | 75% | 0% |
| Camp 20 | 4 | 3 | 75% | 0% |
| Camp 20 Ext | 3 | 2 | 67% | 0% |
| Camp 9 | 6 | 5 | 100% | 8% |

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

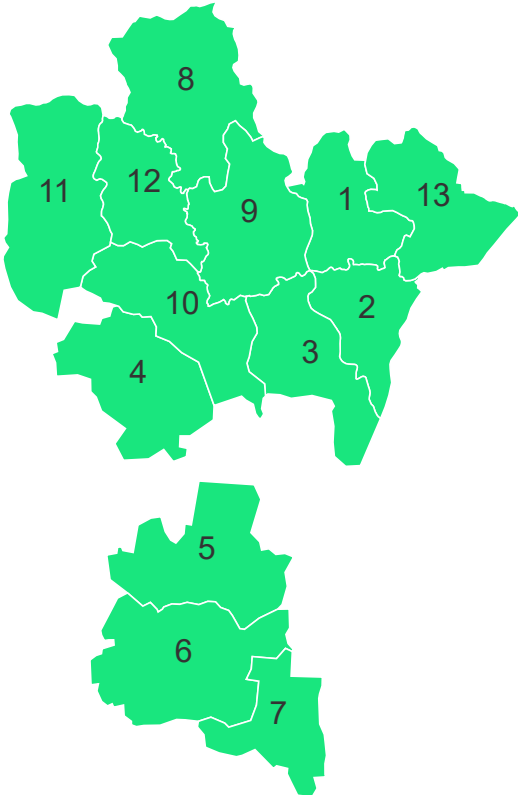


Table 6 | Performance by camp (W17 2023)

| Teknaf | Reporting | | Performance | |
|--------------------|---------------------|--------------------|--------------|------------|
| | # health facilities | # reports received | Completeness | Timeliness |
| Ukhia Teknaf | | | | |
| Camp 21 Chakmarkul | 3 | 3 | 100% | 0% |
| Camp 22 Unchiprang | 5 | 3 | 75% | 0% |
| Camp 23 Shamlapur | 3 | 2 | 33% | 0% |
| Camp 24 Leda | 2 | 1 | 50% | 0% |
| Camp 25 Ali Khali | 3 | 3 | 100% | 0% |
| Camp 26 Nayapara | 5 | 4 | 75% | 0% |
| Camp 27 Jadimura | 2 | 2 | 100% | 0% |
| Nayapara RC | 2 | 2 | 100% | 0% |

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

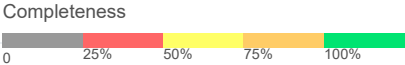
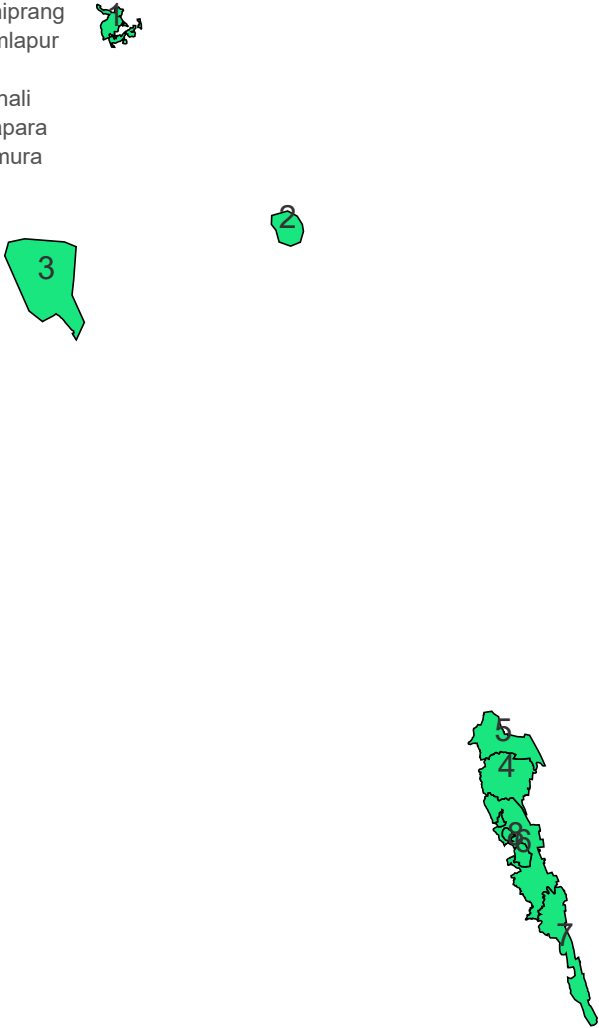


Table 7 | Performance by partner (W17 2023)

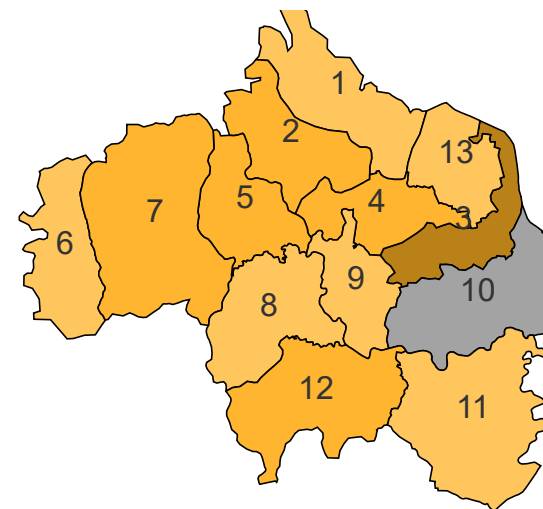
| Partner | Performance | | Reporting | | Partner | Performance | | Reporting | |
|------------|-------------|--------------------|--------------|------------|--------------------|-------------|--------------------|--------------|------------|
| | # sites | # reports received | Completeness | Timeliness | | # sites | # reports received | Completeness | Timeliness |
| AKF | 1 | 1 | 100% | 100% | IRC | 4 | 3 | 0% | 0% |
| AWARD | 6 | 6 | 100% | 100% | MSF | 9 | 7 | 0% | 0% |
| BASHMAH | 1 | 0 | 0% | 0% | MoH | 12 | 9 | 0% | 0% |
| BDRCS | 10 | 9 | 90% | 80% | MHI | 1 | 2 | 0% | 0% |
| BRAC | 0 | 10 | 91% | 91% | Medair | 0 | 0 | | |
| CARE | 4 | 4 | 100% | 0% | FH/MTI | 4 | 4 | 0% | 0% |
| GH/CPI | 1 | 1 | 100% | 100% | PRANTIC | 1 | 1 | 100% | 100% |
| DBC | 1 | 1 | 100% | 100% | PULSE | 1 | 1 | 100% | 100% |
| DSK | 1 | 0 | 0% | 0% | QC | 1 | 1 | 100% | 100% |
| DCHT-PWJ | 1 | 1 | 100% | 100% | PHD | 10 | 10 | 0% | 0% |
| FRNDS | 4 | 4 | 0% | 0% | RPN | 2 | 2 | 100% | 100% |
| GK | 10 | 9 | 0% | 0% | RHU | 3 | 3 | 100% | 0% |
| Global One | 1 | 0 | 0% | 0% | RI | 3 | 1 | 0% | 0% |
| GUSS | 1 | 1 | 100% | 100% | RTMI | 9 | 7 | 0% | 0% |
| HAEFA | 2 | 4 | 200% | 200% | SALT | 1 | 1 | 100% | 100% |
| HAIB | 0 | 0 | | | SCI | 6 | 6 | 0% | 0% |
| HMBDF | 2 | 2 | 0% | 0% | DCHT-MM | 1 | 1 | 100% | 100% |
| HOPE | 1 | 1 | 100% | 100% | Turkish Government | 1 | 1 | 100% | 100% |
| ICRC | 1 | 0 | 0% | 0% | TdH | 2 | 2 | 0% | 0% |
| IOM | 23 | 17 | 0% | 0% | | | | | |

Table 8 | Performance by camp

| Northern group | W17 | | Cumulative (2023) | |
|-----------------------|----------|----------|-------------------|----------|
| | # alerts | % verif. | # alerts | % verif. |
| Alerts Northern group | | | | |
| Camp 1E | 2 | 100% | 49 | 100% |
| Camp 1W | 4 | 100% | 67 | 100% |
| Camp 2E | 11 | 100% | 150 | 100% |
| Camp 2W | 5 | 100% | 83 | 100% |
| Camp 3 | 5 | 100% | 77 | 100% |
| Camp 4 | 5 | 100% | 69 | 100% |
| Camp 4 Ext | 1 | 100% | 12 | 100% |
| Camp 5 | 2 | 100% | 37 | 100% |
| Camp 6 | 1 | 100% | 32 | 100% |
| Camp 7 | 0 | 0% | 31 | 97% |
| Camp 8E | 1 | 100% | 56 | 100% |
| Camp 8W | 3 | 100% | 78 | 100% |
| Kutupalong RC | 1 | 100% | 19 | 100% |

Map 5 | Number of alerts 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



of alerts



Table 9 | Performance by camp

| Southern group | W17 | | Cumulative (2023) | |
|-----------------------|----------|----------|-------------------|----------|
| | # alerts | % verif. | # alerts | % verif. |
| Alerts Northern group | | | | |
| Camp 10 | 1 | 100% | 22 | 100% |
| Camp 11 | 2 | 100% | 18 | 100% |
| Camp 12 | 2 | 100% | 40 | 100% |
| Camp 13 | 2 | 100% | 57 | 100% |
| Camp 14 | 2 | 100% | 50 | 100% |
| Camp 15 | 3 | 100% | 50 | 100% |
| Camp 16 | 1 | 100% | 47 | 98% |
| Camp 17 | 0 | 0% | 25 | 100% |
| Camp 18 | 4 | 100% | 55 | 100% |
| Camp 19 | 0 | 0% | 8 | 100% |
| Camp 20 | 1 | 100% | 27 | 100% |
| Camp 20 Ext | 0 | 0% | 12 | 100% |
| Camp 9 | 0 | 0% | 50 | 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 20 Ext
- 12 Camp 20
- 13 Camp 9

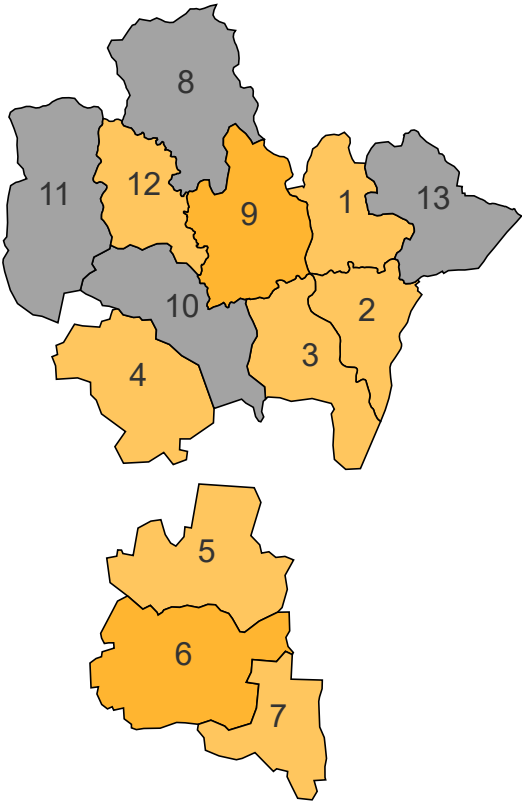


Table 10 | Performance by camp

| Teknaf | W17 | | Cumulative (2023) | |
|-----------------------|----------|----------|-------------------|----------|
| | # alerts | % verif. | # alerts | % verif. |
| Alerts Northern group | | | | |
| Camp 21 Chakmarkul | 1 | 100% | 30 | 100% |
| Camp 22 Unchiprang | 1 | 100% | 31 | 100% |
| Camp 23 Shamlapur | 0 | 0% | 3 | 100% |
| Camp 24 Leda | 2 | 100% | 71 | 100% |
| Camp 25 Ali Khali | 0 | 0% | 10 | 100% |
| Camp 26 Nayapara | 0 | 0% | 17 | 100% |
| Camp 27 Jadimura | 0 | 0% | 5 | 100% |
| Nayapara RC | 0 | 0% | 18 | 100% |

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

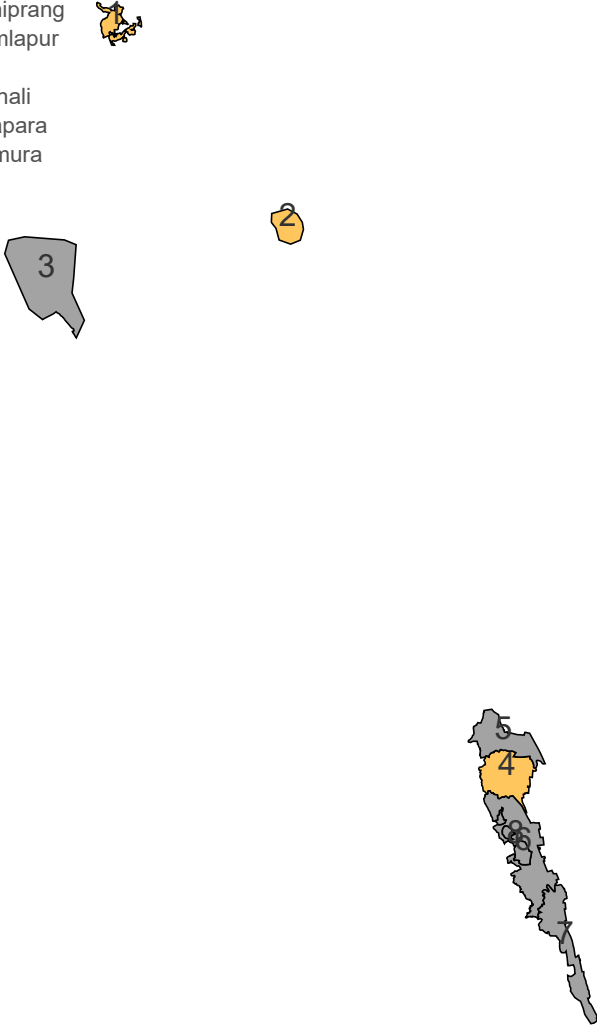


Table 11 | Performance by type of alert

| Event | W17 | | Cumulative (2023) | |
|-------------------------------------|----------|----------|-------------------|----------|
| | # alerts | % verif. | # alerts | % verif. |
| Indicator-based surveillance | | | | |
| Malaria | 0 | 0% | 0 | 0% |
| Measles | 2 | 100% | 54 | 100% |
| Bloody Diarr. | 0 | 0% | 0 | 0% |
| AFP | 0 | 0% | 8 | 100% |
| Meningitis | 0 | 0% | 8 | 88% |
| Haem. fever (susp.) | 1 | 100% | 7 | 100% |
| NNT | 0 | 0% | 1 | 100% |
| Unexp. fever | 0 | 0% | 26 | 100% |
| AWD | 0 | 0% | 23 | 100% |
| ARI | 0 | 0% | 20 | 100% |
| AJS | 0 | 0% | 18 | 100% |
| Varicella (Susp.) | 0 | 0% | 91 | 100% |
| Suspected COVID-19 | 0 | 0% | 0 | 0% |
| Event-based surveillance | | | | |
| EBS total | 8 | 100% | 105 | 100% |

Table 12 | Risk assessment

| W17 | Cumulative (2023) | |
|-----|-------------------|----------------|
| 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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Email: otienod@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>



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Rohingya Emergency Response

Early Warning, Alert and Response System (EWARS)

Annex W17 2023



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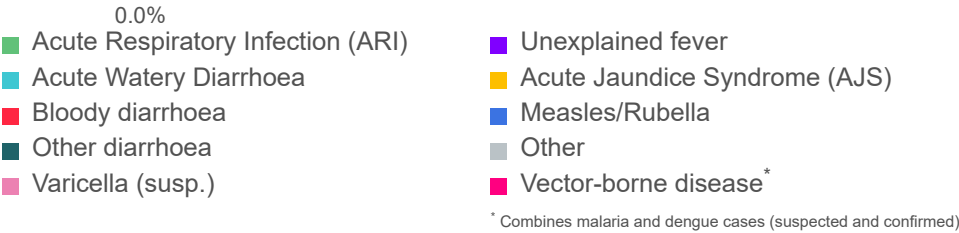
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Proportional morbidity

Figure 1 | Proportional morbidity (W17 2023)



| Disease | W17 | | 2023 | |
|-----------------|---------|-------------|-----------|-------------|
| | # cases | % morbidity | # cases | % morbidity |
| AWD | 2,676 | 3.6% | 43,179 | 2.4% |
| Bloody diarr. | 320 | 0.4% | 4,521 | 0.3% |
| Other diarr. | 1,366 | 1.8% | 20,555 | 1.2% |
| Susp. Varicella | 624 | 0.8% | 27,957 | 1.6% |
| ARI | 15,312 | 20.6% | 344,927 | 19.5% |
| Measles/Rub. | 12 | 0.0% | 290 | 0.0% |
| AFP | 0 | 0.0% | 117 | 0.0% |
| Susp. menin. | 6 | 0.0% | 77 | 0.0% |
| AJS | 15 | 0.0% | 326 | 0.0% |
| Susp. HF | 0 | 0.0% | 64 | 0.0% |
| Neo. tetanus | 0 | 0.0% | 1 | 0.0% |
| Adult tetanus | 0 | 0.0% | 4 | 0.0% |
| Malaria (conf.) | 0 | 0.0% | 25 | 0.0% |
| Malaria (susp.) | 108 | 0.1% | 993 | 0.1% |
| Dengue (conf.) | 86 | 0.1% | 1,407 | 0.1% |
| Dengue (susp.) | 36 | 0.0% | 522 | 0.0% |
| Unexpl. fever | 701 | 0.9% | 13,364 | 0.8% |
| Sev. Malnut. | 56 | 0.1% | 732 | 0.0% |
| Inj./Wounds | 2,039 | 2.7% | 41,092 | 2.3% |
| Other | 50,907 | 68.4% | 1,270,180 | 71.7% |
| Total | 73,676 | 100% | 1,772,366 | 100% |

Trend in consultations and key diseases

Figure 2 | Trend in proportional morbidity for key diseases (W17)

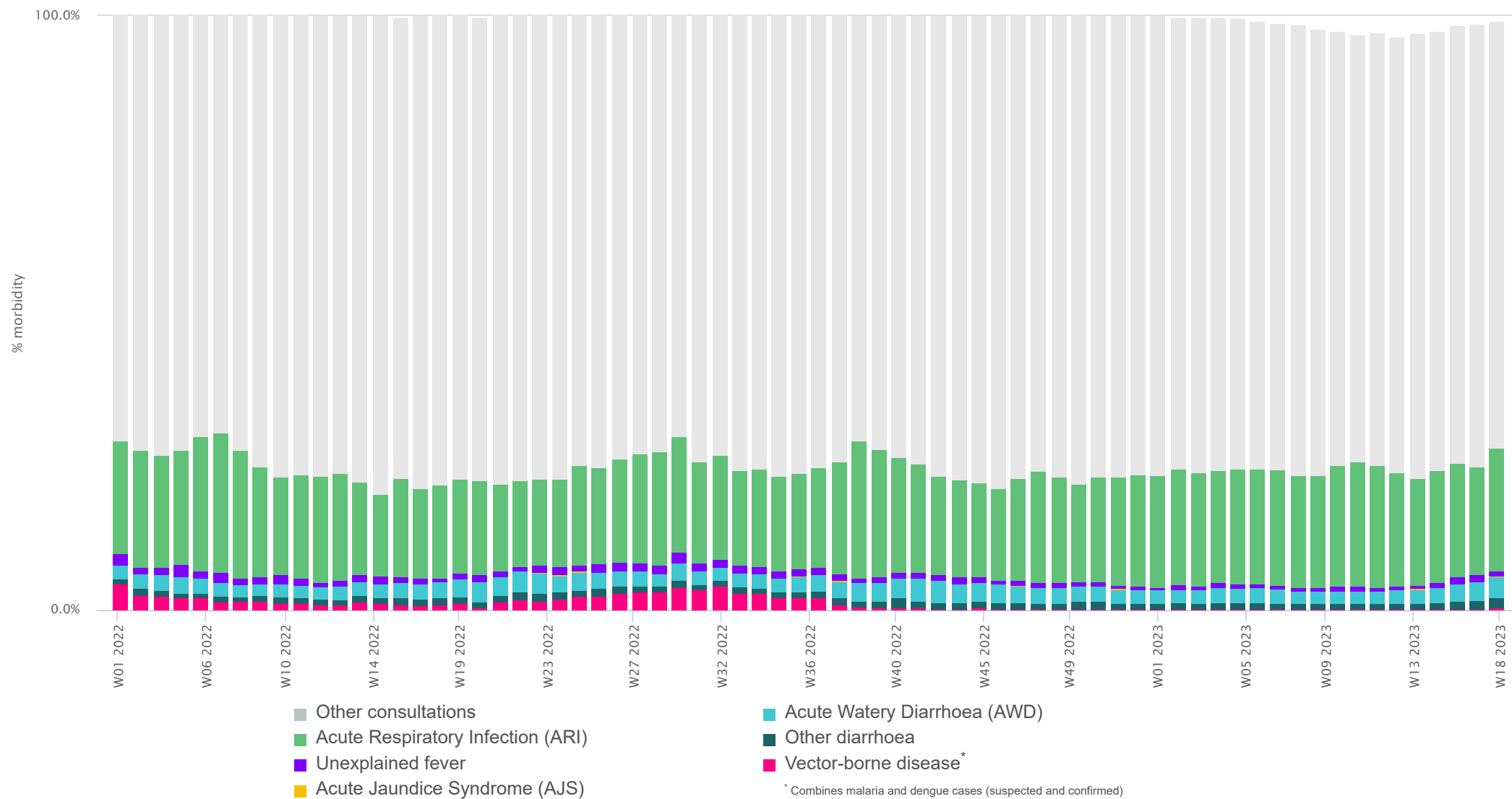
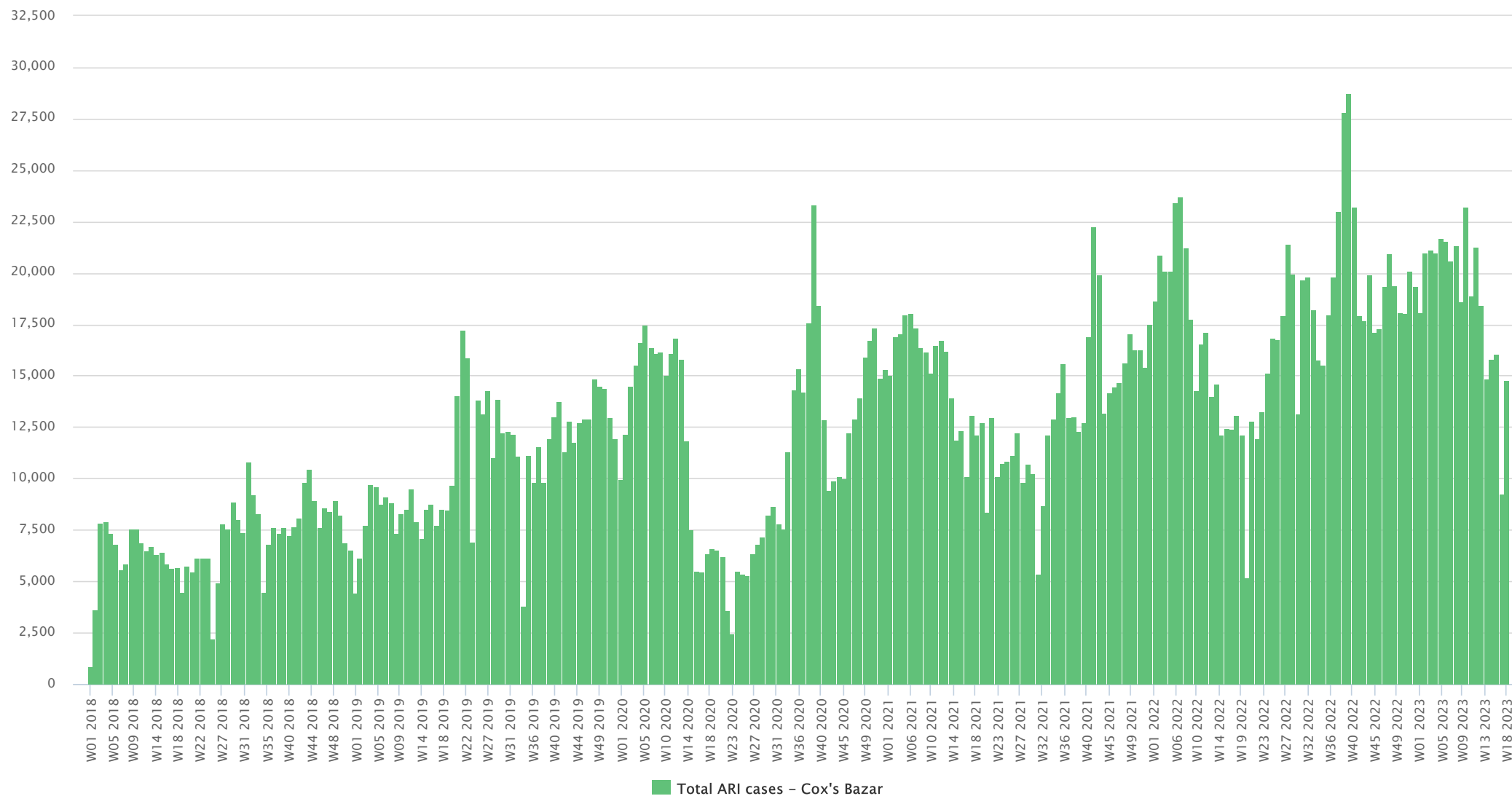
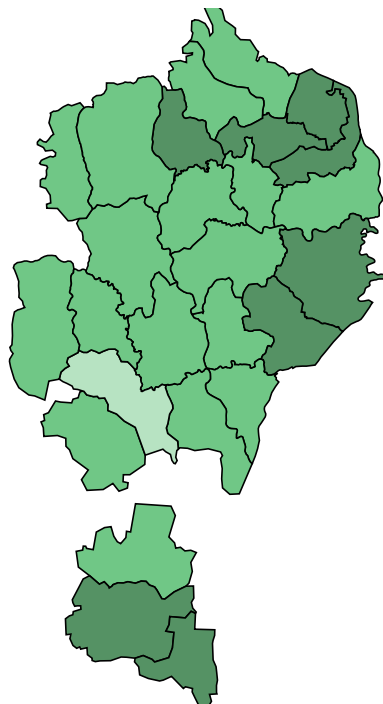


Figure 3 | Trend in number of cases over time (W38 2017 - W17 2023)

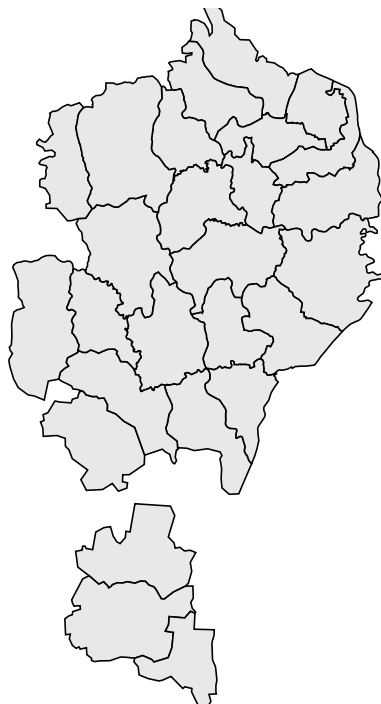


Map 1 | Map of cases by camp (W17 2023)

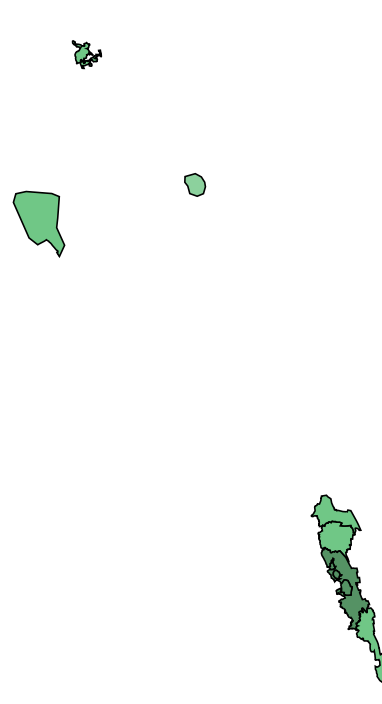
a. Ukhia | Number of cases



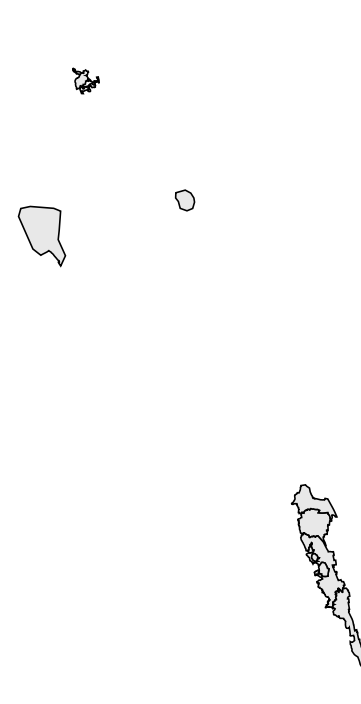
b. Ukhia | Number of alerts



c. Teknaf | Number of cases



d. Teknaf | Number of alerts



Map legend

Number of cases



Number of alerts



Alert threshold

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

Alert management (W17 2023)

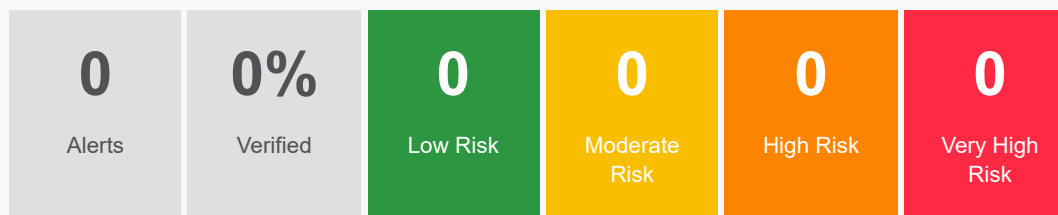
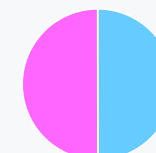
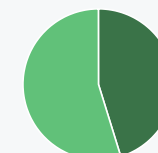


Figure | % sex



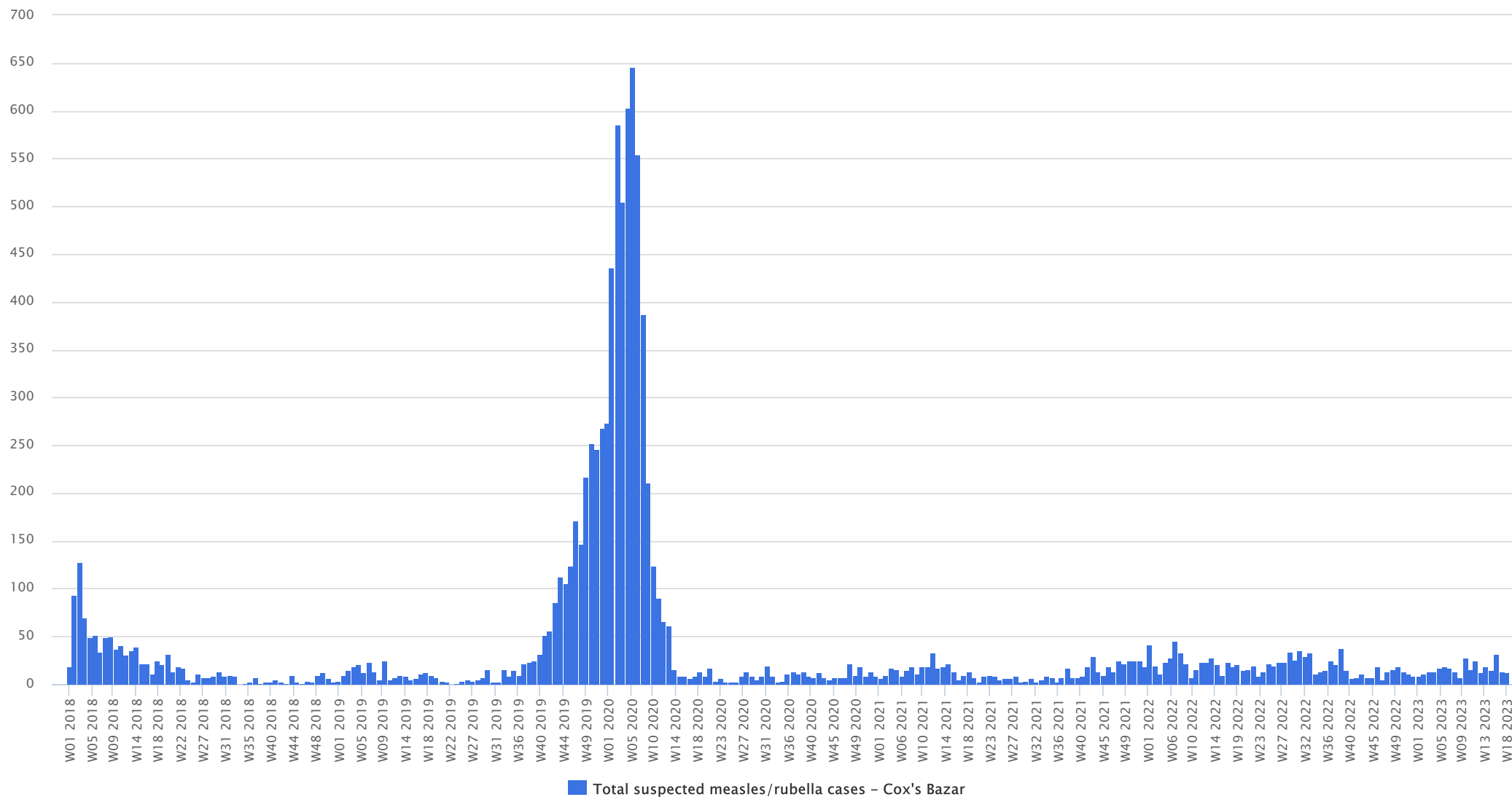
Male Female

Figure | % age



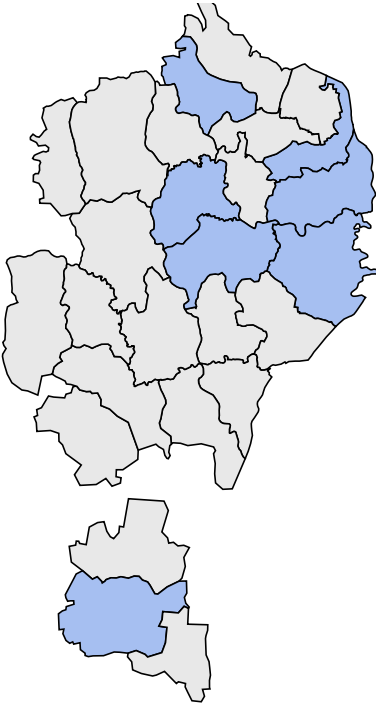
>=5 < 5

Figure 4 | Trend in number of suspected cases over time (W38 2017 - W17 2023)



Map 2 | Map of cases by camp (W17 2023)

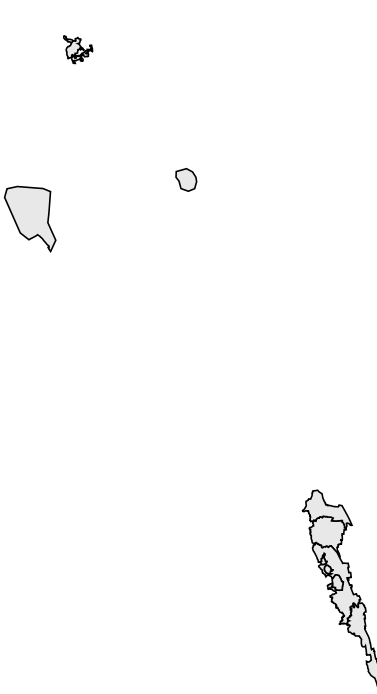
a. Ukhia | Number of cases



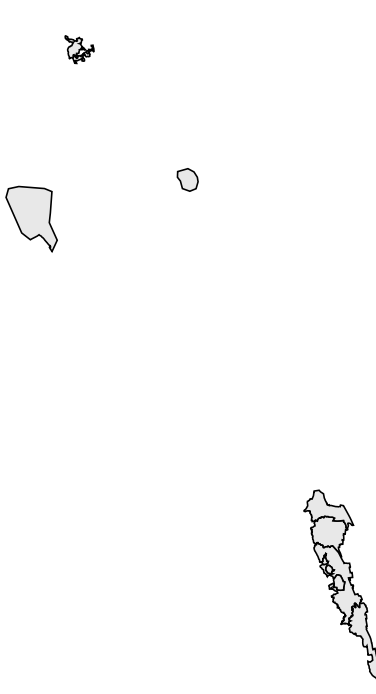
b. Ukhia | Number of alerts



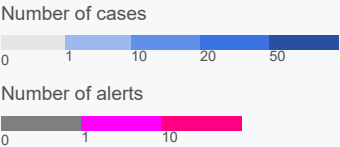
c. Teknaf | Number of cases



d. Teknaf | Number of alerts



Map legend



Alert threshold
1 case. Source: IEDCR

Alert management (W17 2023)

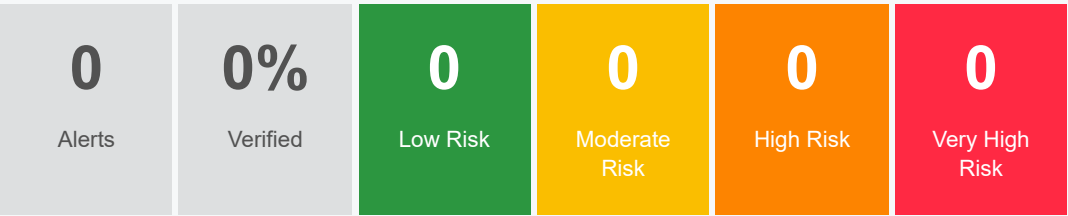


Figure | % sex

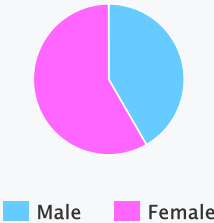


Figure | % age

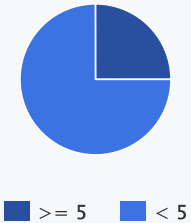
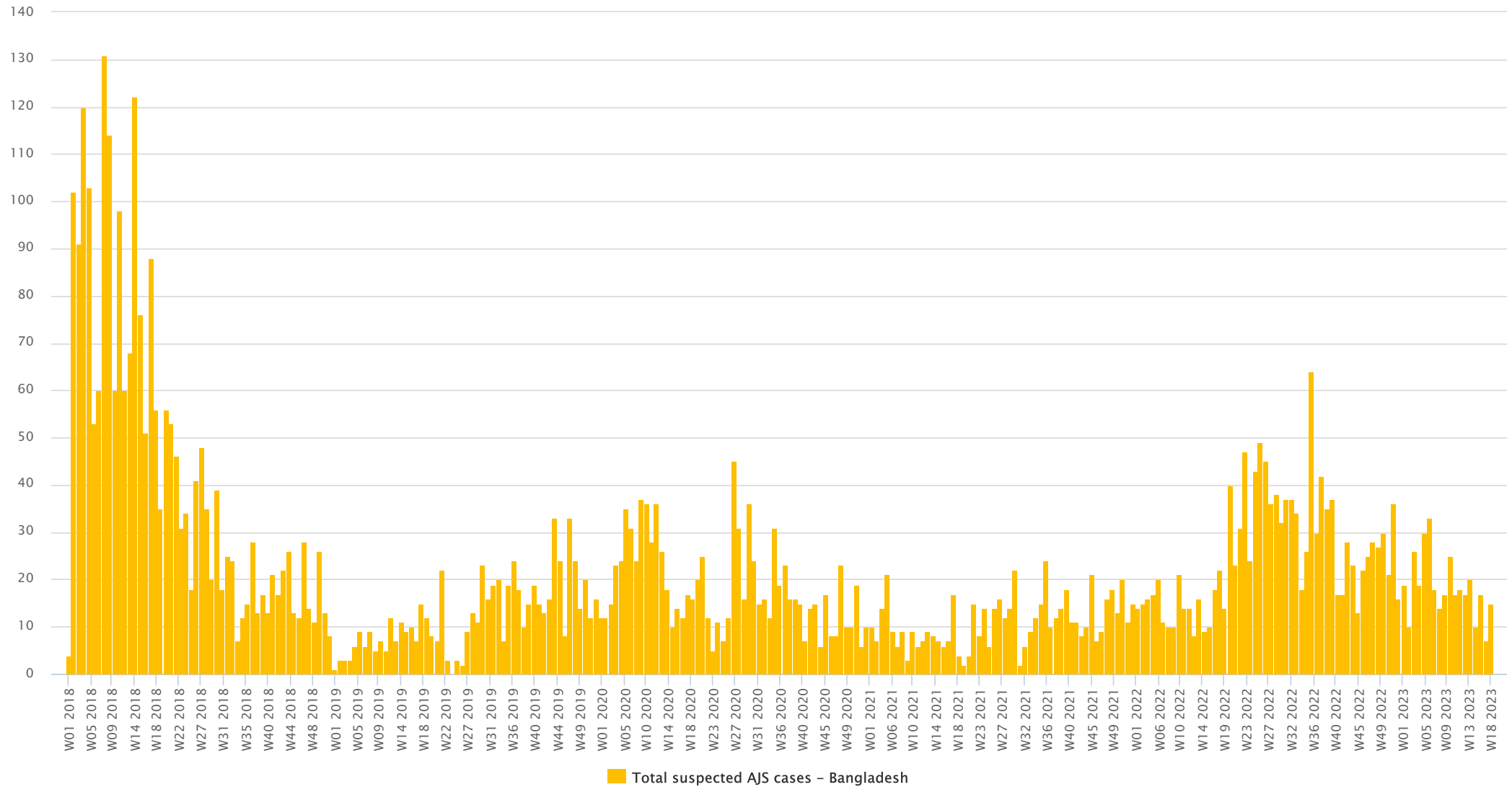
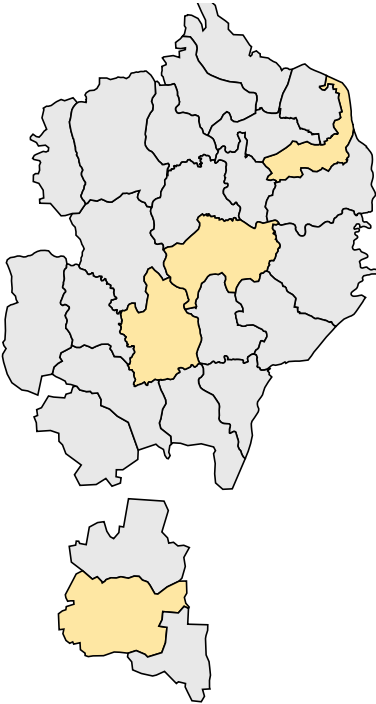


Figure 5 | Trend in number of cases over time (W38 2017 - W17 2023)



Map 3 | Map of cases by camp (W37 2017 - W17 2023)

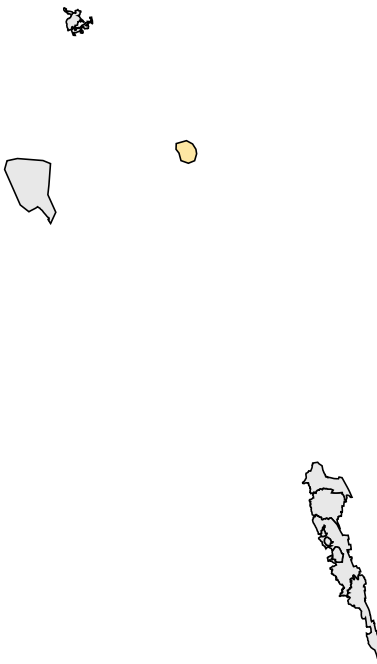
a. Ukhia | Number of cases



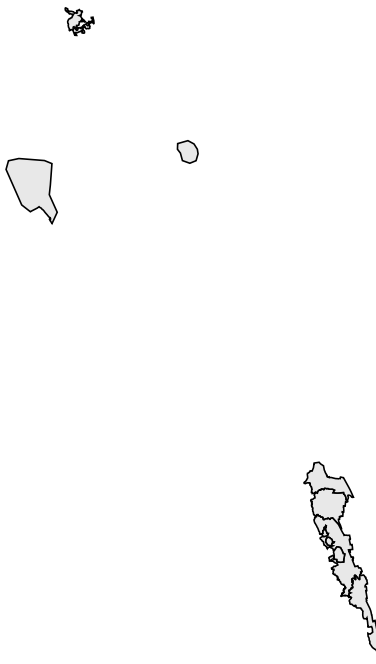
b. Ukhia | Number of alerts



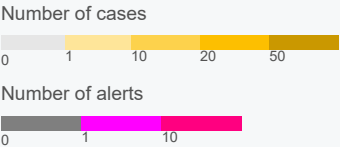
c. Teknaf | Number of cases



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 (W17 2023)

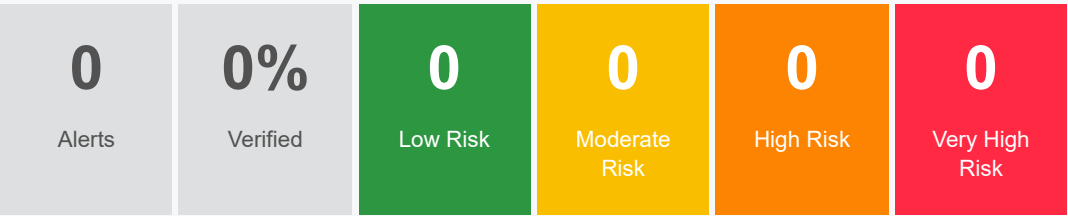


Figure | % sex

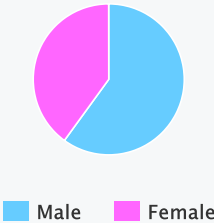


Figure | % age

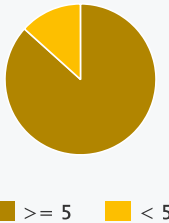


Figure 6 | Trend in number of cases over time (W38 2017 - W17 2023)

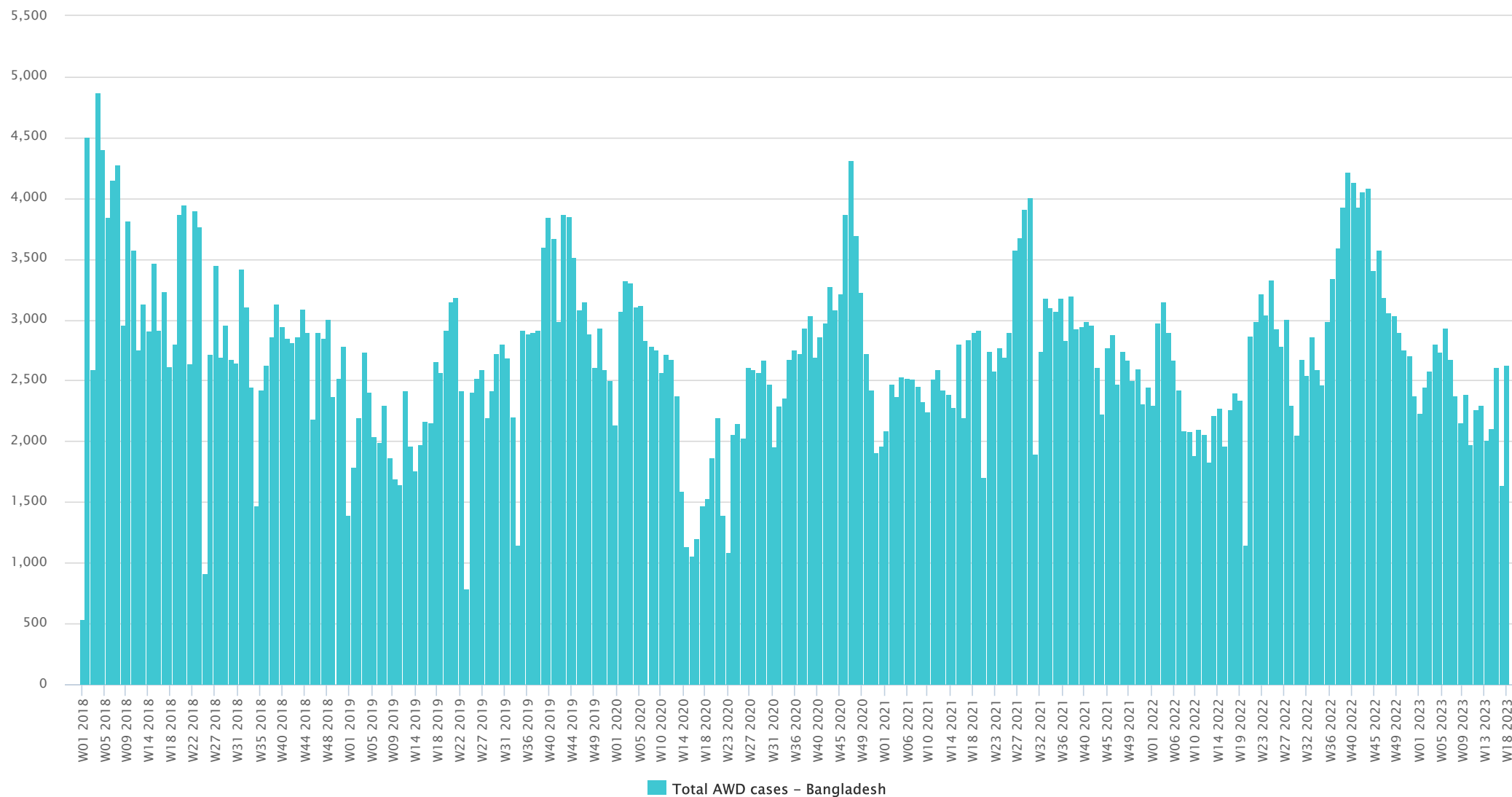
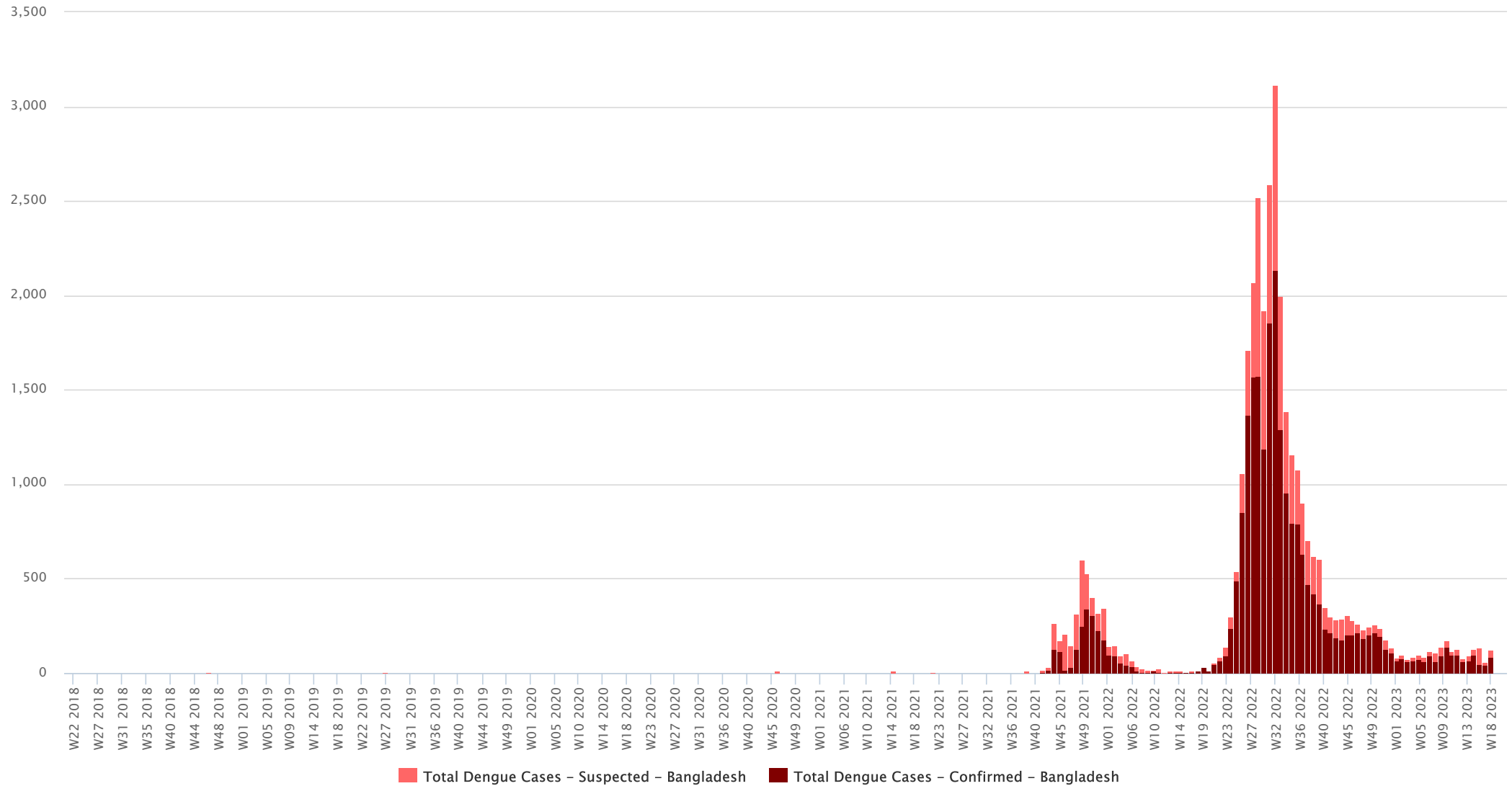
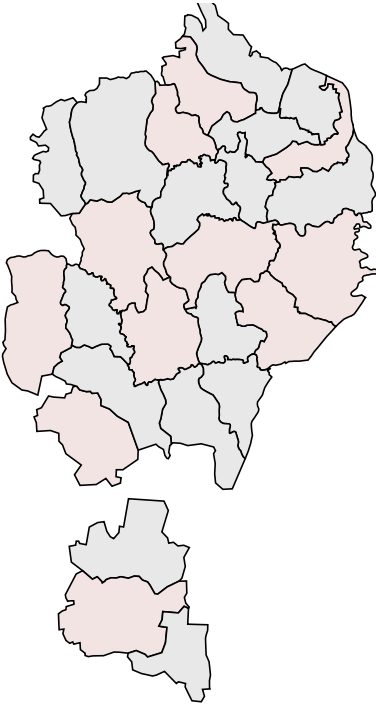


Figure 7 | Trend in number of cases over time (W38 2017 - W17 2023)



Map 4 | Map of cases by camp (W37 2017 - W17 2023)

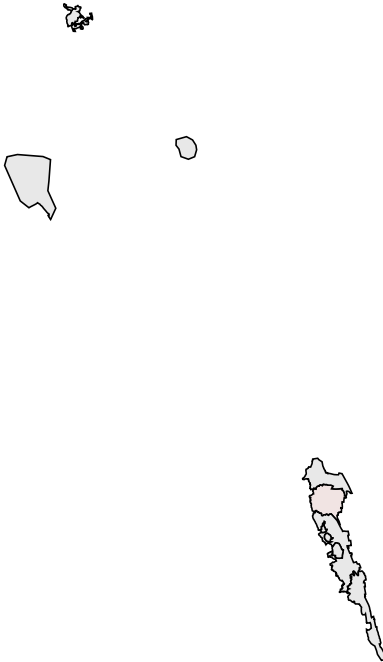
a. Ukhia | Number of cases



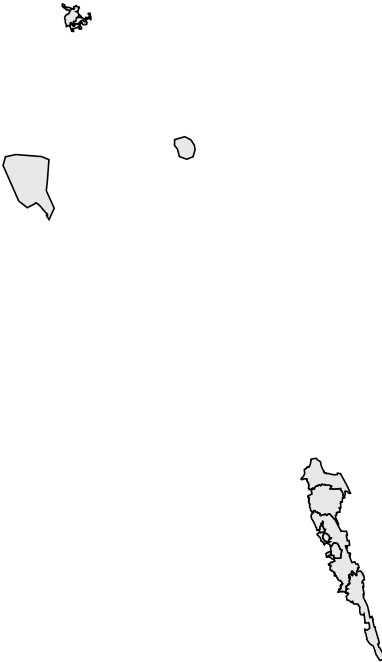
b. Ukhia | Number of alerts



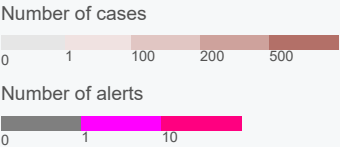
c. Teknaf | Number of cases



d. Teknaf | Number of alerts



Map legend



Alert threshold

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

Alert management (W17 2023)

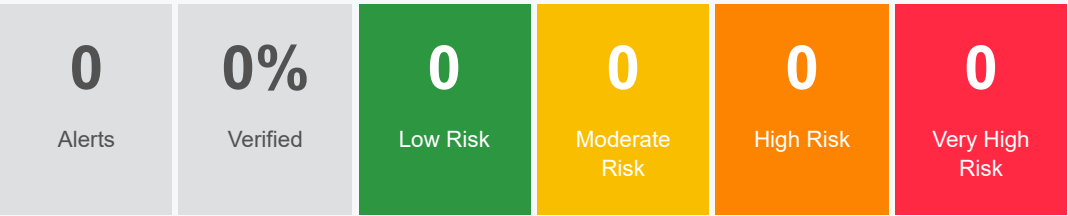


Figure | % sex

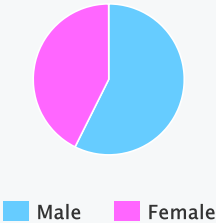


Figure | % age

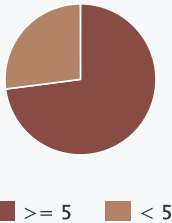
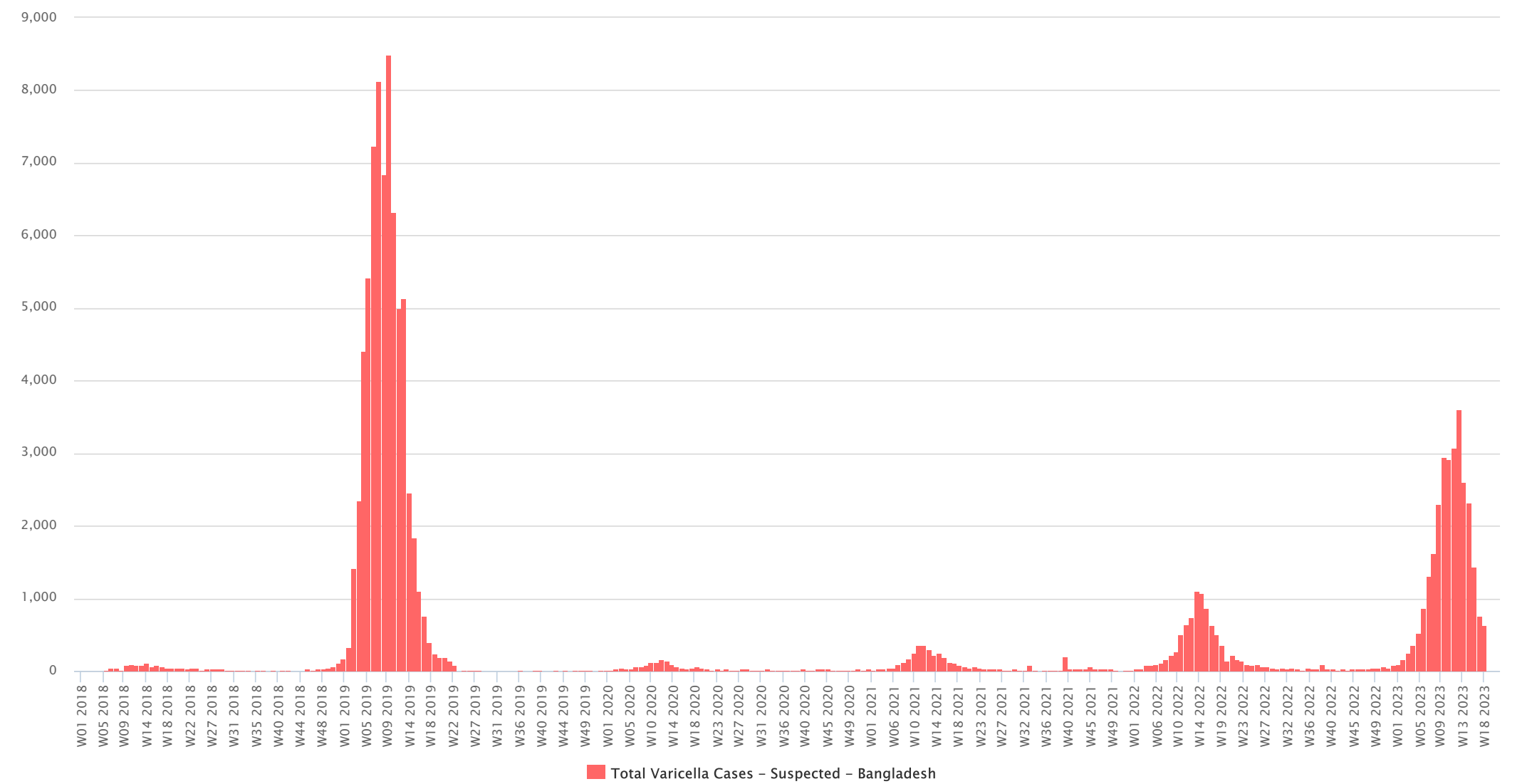
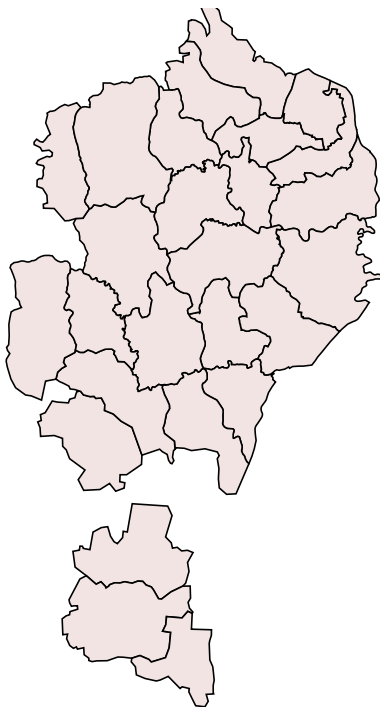


Figure 7 | Trend in number of cases over time (W38 2017 - W17 2023)

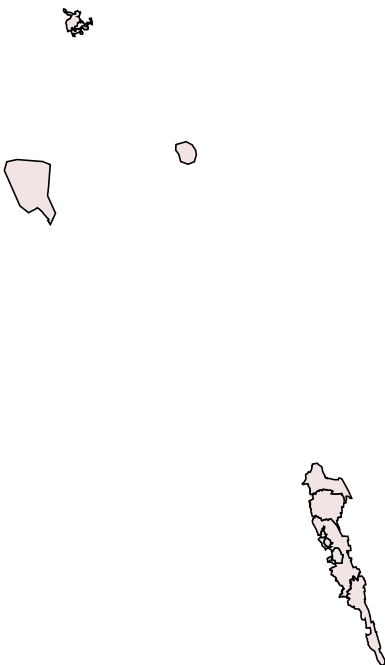


Map 4 | Map of cases by camp (W37 2017 - W17 2023)

a. Ukhia | Number of cases



c. Teknaf | Number of cases



Map legend

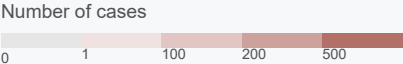


Figure | % sex

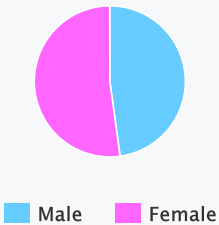
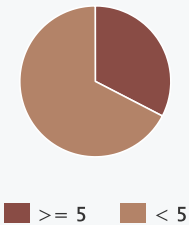


Figure | % age



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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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