



Epidemiological Highlights

Week 39 (18-24 September) 2022



**World Health
Organization**

Highlights: COVID-19

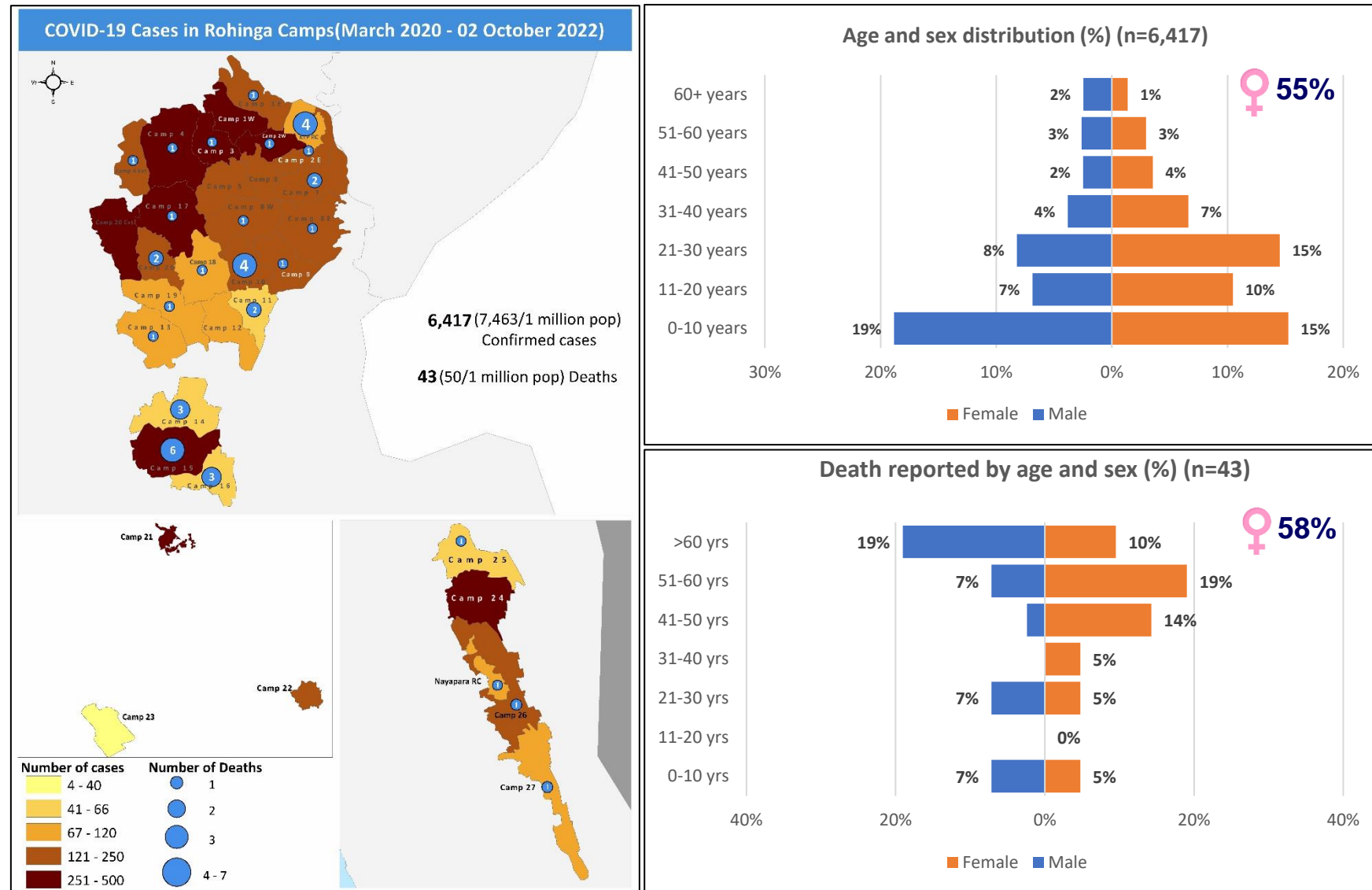
As of week 39, (26 Sep-2 Oct) 2022 there were **6,417 confirmed cases** of COVID-19 (SARS-CoV-2), out of 112,522 **samples** that had been submitted for testing. The **Total Positivity Rate (TPR)** now stands at **5.7%**

In the reporting week, 4 new confirmed cases were detected out of 691 total samples tested. This translated to a 0.6% TPR which is slightly higher than that of the previous week's 0.4%.

As of this week (week 39)

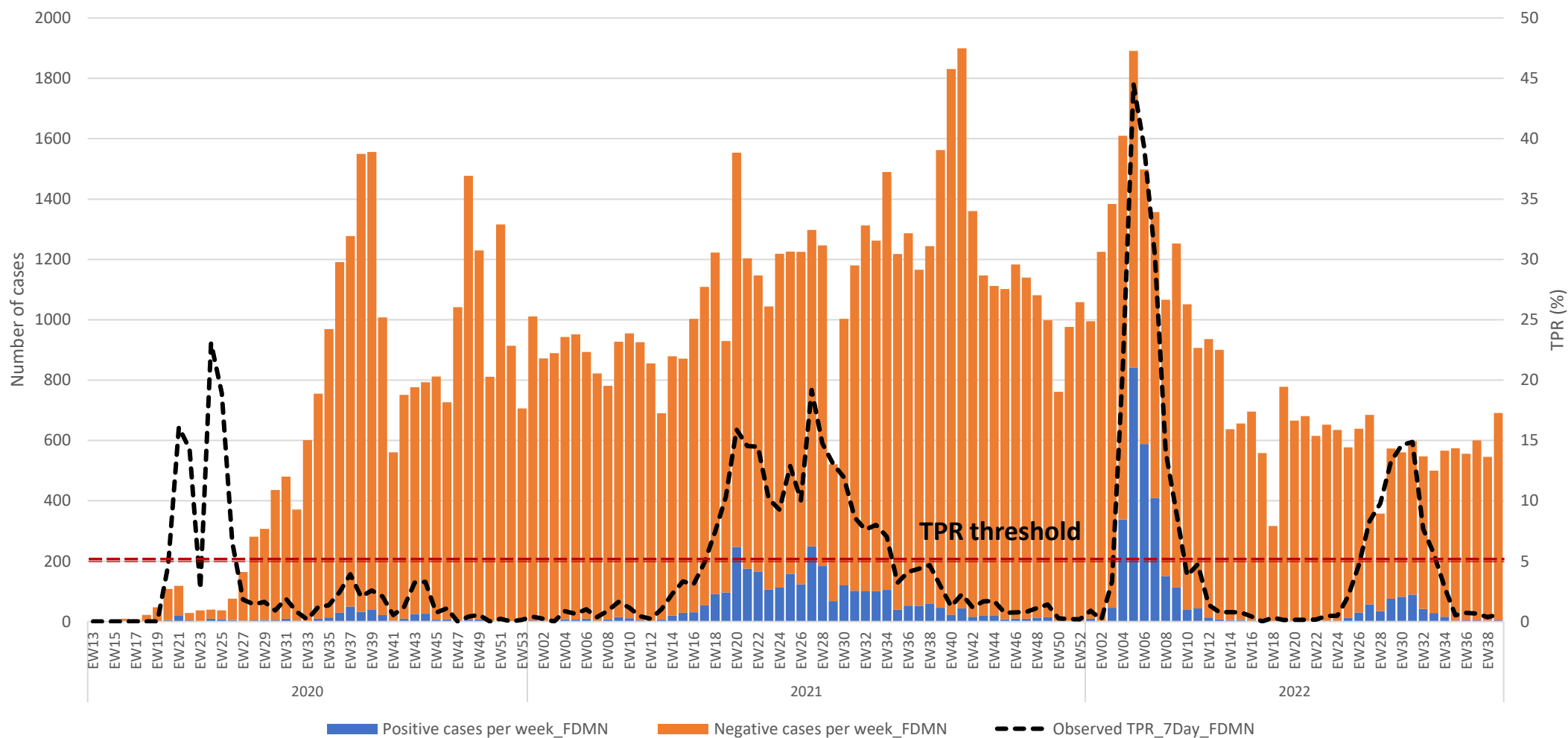
- **Median age** of tested and confirmed cases were 11 (0-120) and 20 (0-100) years respectively
- **Proportion of females** among tested and confirmed cases were 54% and 55% respectively
- **All 33 camps**, have so far reported confirmed cases since the outbreak began, while the five camps with the highest number of reported cases were; C24-478, C17-449, C2W-414, C4-396, and C3-344
- No new death was reported in this Epi week. The total confirmed COVID-19 deaths so far reported to date stands at 43 with an average **case-fatality ratio** of 0.7%
- The **weekly incidence** was 4.4 cases/1 million population in this Epi week which is slightly higher than that of the previous week's 2.3 cases/1 million population.

Highlights: COVID-19



Highlights: COVID-19

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



EWARS Reporting Updates

- Currently, a total of 169 health facilities are registered in EWARS
 - Only 149/169 weekly reports were received on time in week 39
 - Timeliness of reporting for this week was 88%
 - One thirty-eight (138) alerts were triggered
 - All alerts were reviewed and verified by the WHO EWARS team; this was more than the previous week (111 alerts in week 38, 2022).

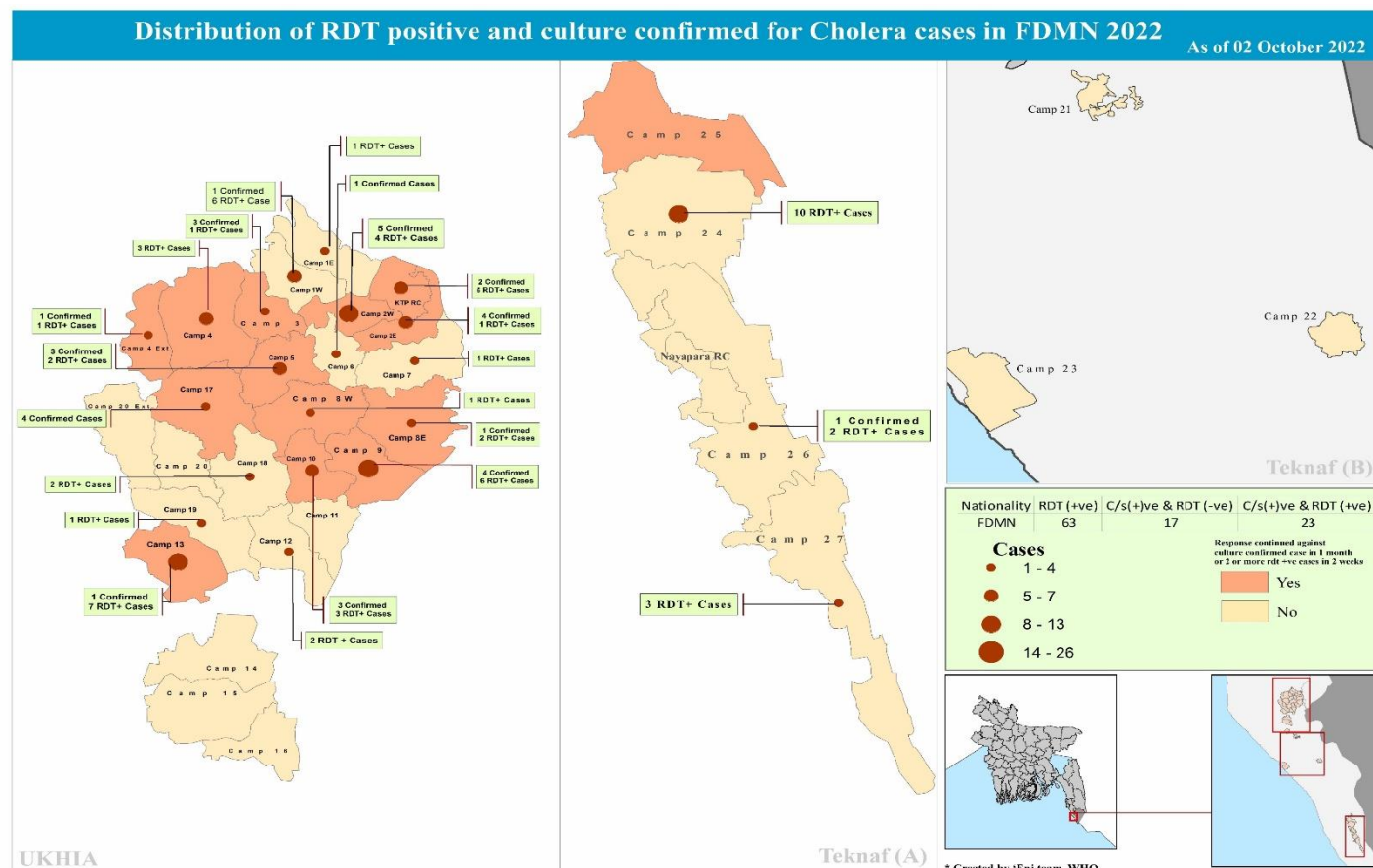
Highlights: Morbidities and Mortalities

- Acute Respiratory Infections (23.2%), Diarrheal Diseases (4.7%) & Injuries, and Wounds (1.6%) were the diseases and health conditions with the highest proportional morbidity in week 39.
- Monitoring of suspected SARI death under enhanced Community-based mortality surveillance has been continued since week 28, 2020. A total of 107 SARI deaths have so far been reported in 2022 of which seven (07) deaths upon an investigation of all SARI deaths were reclassified as probable COVID-19 Deaths
- This Epi week, three (3) new SARI death was reported as highlighted below:

| Year | Suspected SARI death reported (Current Week) | Reclassified as death due to probable COVID-19 |
|------|---|---|
| 2022 | 107 (3) | 7 |
| 2021 | 96 | 15 |
| 2020 | 49 | 2 |

Cholera/AWD Surveillance Updates

- In this week, there are thirteen (13) new RDT-positive AWD cases/Cholera suspects reported, among samples sent for testing.
- In 2022 total of one hundred thirty-four (134) RDT-positive AWD Cases/ cholera suspects were reported as of W39 2022. Of these, 43 were culture positive for cholera, and 91 were culture-negative for cholera.
- Cumulatively there are 826 RDT-positive AWD cases /Cholera suspects and culture-confirmed cholera cases of which 375 cases were culture-confirmed since transmission in 2018



| | 2018 | 2019 | 2020 | 2021 | 2022 W39 |
|--|------|------|------|------|----------|
| RDT positive/culture confirmed for Cholera | 49 | 258 | 28 | 357 | 134 |
| Culture confirmed for Cholera | 7 | 184 | 5 | 136 | 43 |

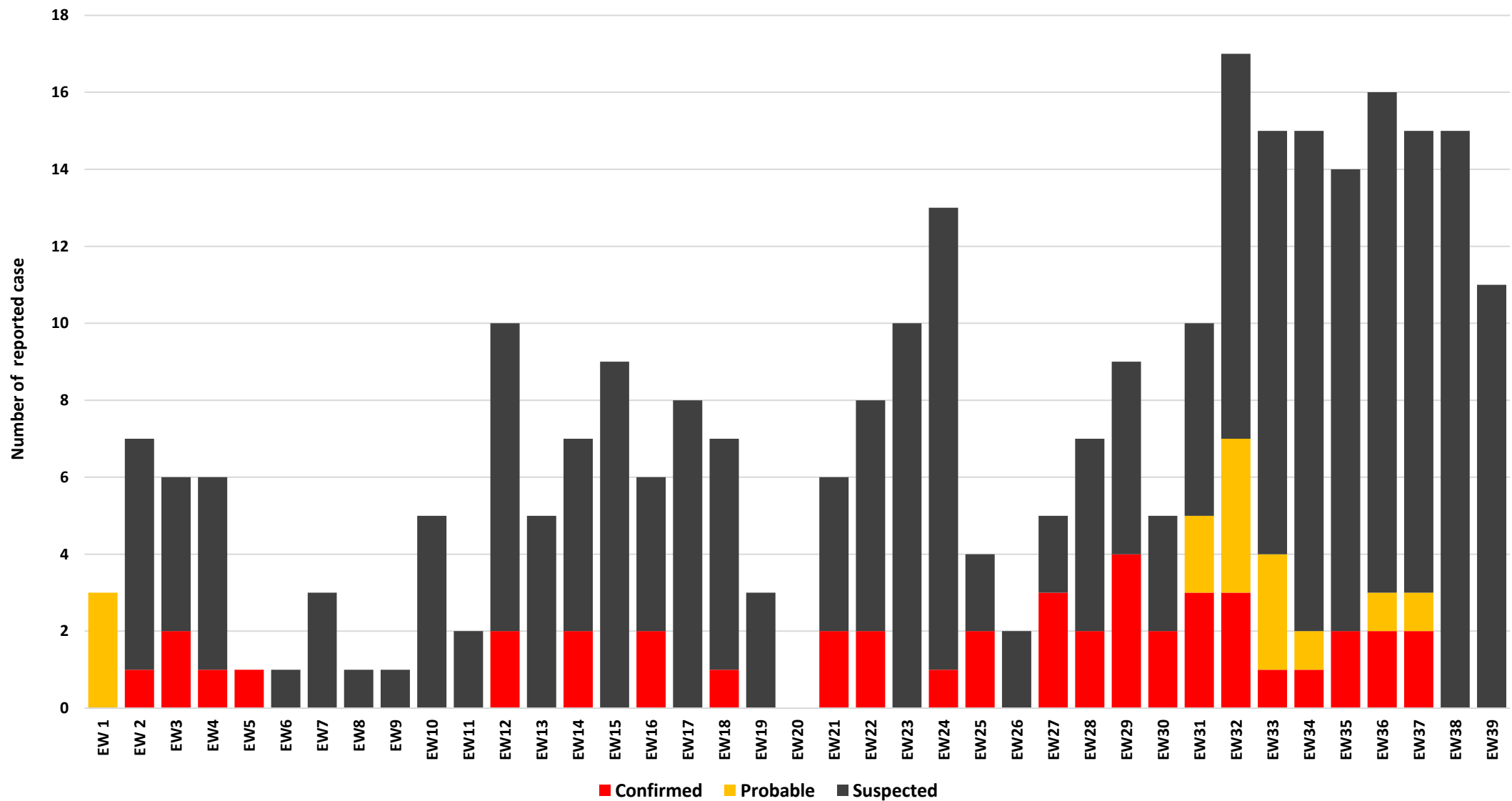
Diphtheria Surveillance Updates

- Eleven (11) suspected diphtheria cases were reported in go.data in this Epi week 39
- The last confirmed case was reported on 14 September 2022
- In total 53 deaths have so far been reported since 2017, with the last death reported on 25 April 2022

| Classification | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|----------------|------|------|------|------|------|------|
| Confirmed | 66 | 226 | 31 | 19 | 30 | 46 |
| Probable | 1154 | 1555 | 60 | 9 | 29 | 20 |
| Suspected | 1796 | 3549 | 523 | 198 | 118 | 229 |
| Death | 30 | 14 | 3 | 0 | 5 | 1 |

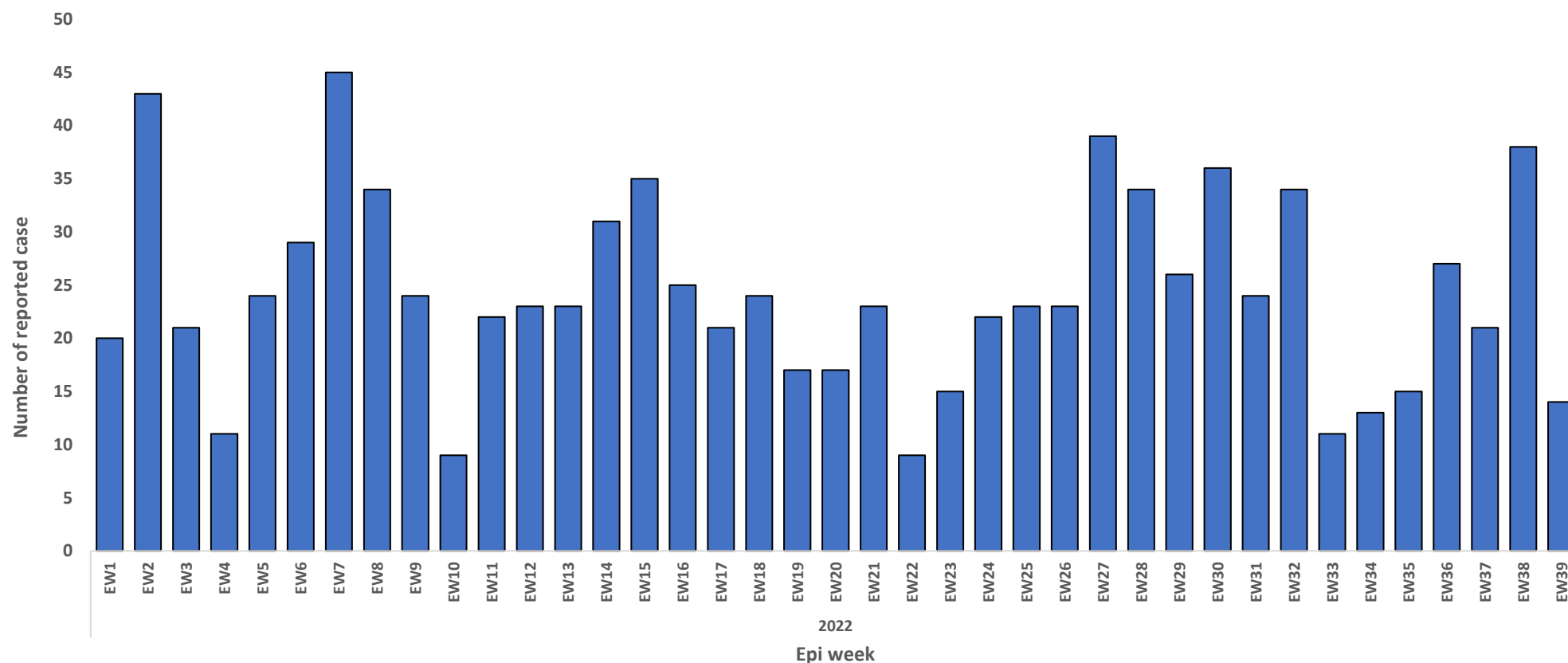
Trends of Diphtheria cases

Total number of diphtheria case reported in EWARS from week 1-39, 2022



Epi Curve of Suspected Measles Cases

Total number of Measles case reported in EWARS from week 1-39, 2022



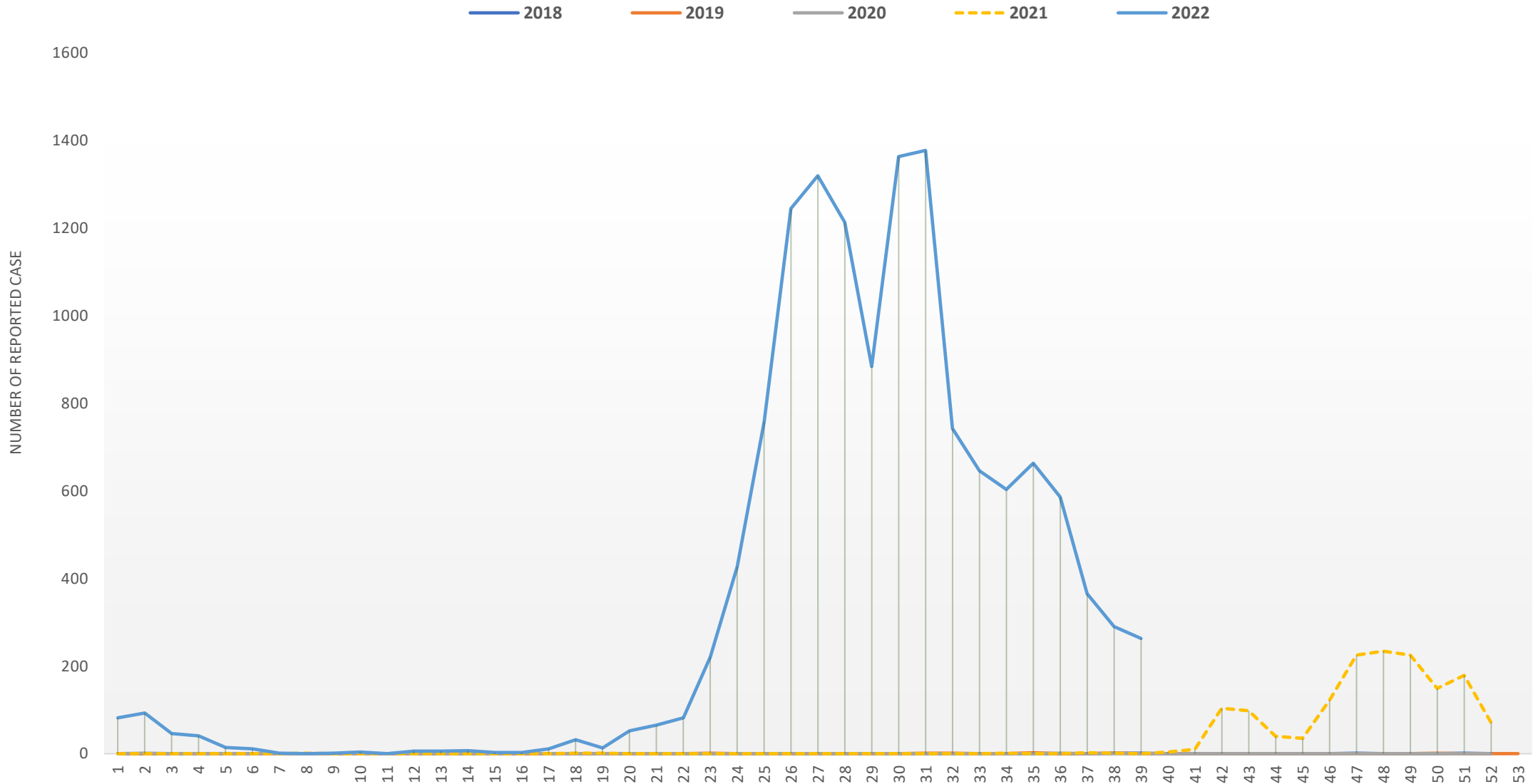
- > In week 39, 14 suspected measles cases were reported through weekly reporting. This brings the total number of suspected measles cases to 945 reported in 2022
- > About 54% (512/945) of the total suspected measles cases were reported through case-based reporting and samples collected for laboratory confirmation

Dengue Surveillance Updates

| Year | Month/Epi Week | Confirmed case | Death | Confirmed case (cumulative) | Death (cumulative) |
|------|--------------------------|----------------|-------|-----------------------------|--------------------|
| 2022 | Jan (Ew1-5) | 276 | 0 | 276 | 0 |
| | Feb (Ew6-9) | 13 | 0 | 289 | 0 |
| | March (Ew10-14) | 23 | 0 | 312 | 0 |
| | April (Ew15-18) | 49 | 0 | 361 | 0 |
| | May (Ew19-22) | 212 | 0 | 573 | 0 |
| | June (Ew23-27) | 3,969 | 2 | 4,542 | 2 |
| | July (Ew28-31) | 4,837 | 8 | 9,379 | 10 |
| | August (Ew 32-35) | 2,654 | 5 | 12,033 | 15 |
| | September (as of 10 Sep) | 1,504 | 4 | 13,537 | 19 |

Dengue Surveillance Updates

Yearly Trends of Dengue case trend from 2018 - Epi Week 39, 2022



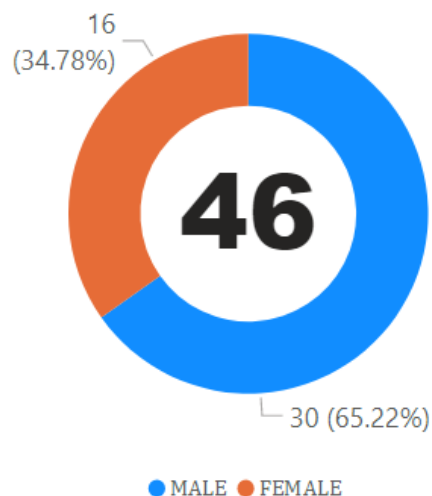
Community-based Mortality surveillance updates Epi week 39

| Probable causes of death | Epi week 39 | In 2022 |
|---|------------------|--------------------|
| Still Birth | 6 (13%) | 153 (10%) |
| Neonatal Death (<28 days old) | 5 (11%) | 147 (9%) |
| Infectious Disease | 4 (9%) | 150 (10%) |
| Severe Acute Respiratory Infection (SARI) | -- | 40 (3%) |
| Injury | 3 (7%) | 37 (2%) |
| Maternal Death | 1 (2%) | 32 (2%) |
| Acute Malnutrition | -- | 1 (0%) |
| Other | 27 (59%) | 991 (64%) |
| Total | 46 (100%) | 1551 (100%) |

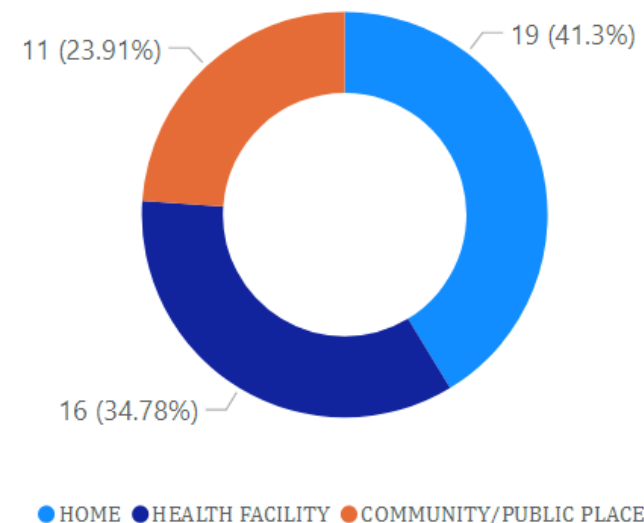
Partners to report all mortalities into the EWARS platform using both case and event-based reporting as applicable

Community-based Mortality surveillance updates Epi week 39

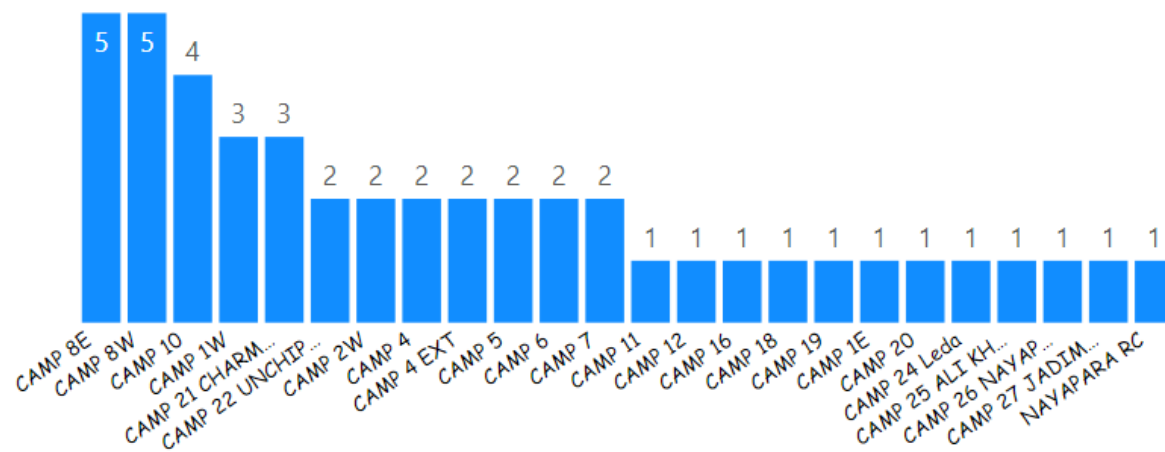
Gender distribution



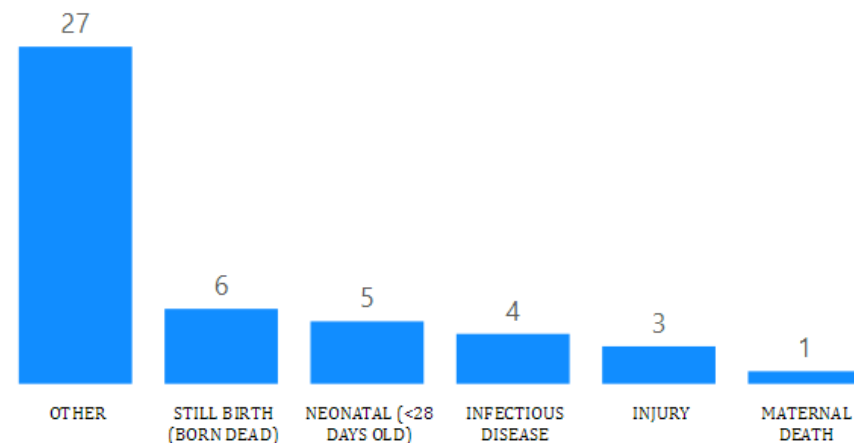
Place of death



Distribution of deceased Camp



Distribution of Probable cause of death



Bangladesh

Rohingya Emergency Response

Early Warning, Alert and
Response System (EWARS)

Epidemiological Bulletin W39 2022



Ministry of Health and Family
Welfare Bangladesh



World Health
Organization



HEALTH SECTOR
COX'S BAZAR



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Sources of data

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

Highlights W39 2022

Table 1 | Coverage

| # | % | |
|----------------|------------|--|
| 918,841 | - | Estimated total Rohingya population ¹ |
| 0 | 0% | Total population under surveillance |
| 175 | - | Total number of health facilities |
| 169 | 97% | Number of EWARS reporting sites |

Table 2 | Early warning performance indicators

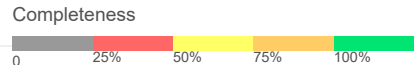
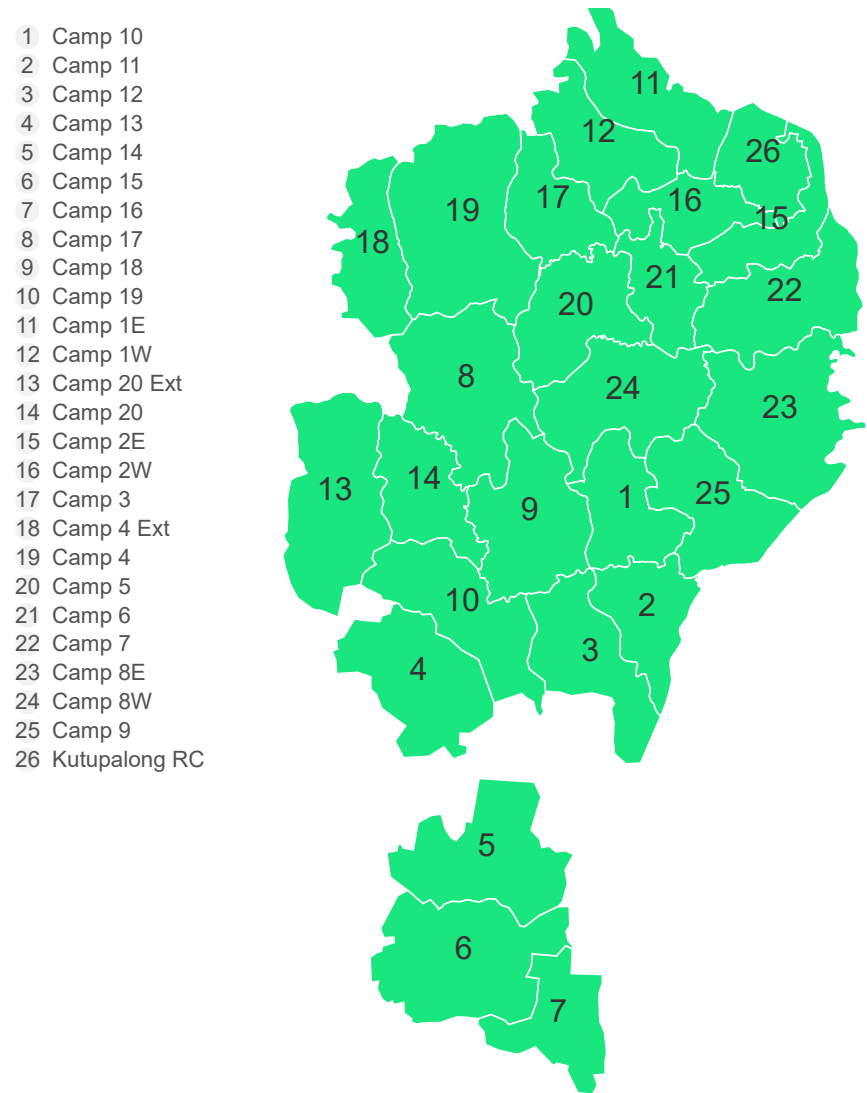
| W39 | Cumulative (2022) | |
|------------|-------------------|-----------------------------------|
| 140 | 6236 | Number of weekly reports received |
| 86% | 92% | Completeness |
| 1% | 32% | Timeliness |

Table 3 Alert performance indicators

| W39 | Cumulative (2022) | |
|-------------|-------------------|------------------------------|
| 107 | 3,563 | 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

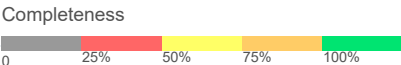
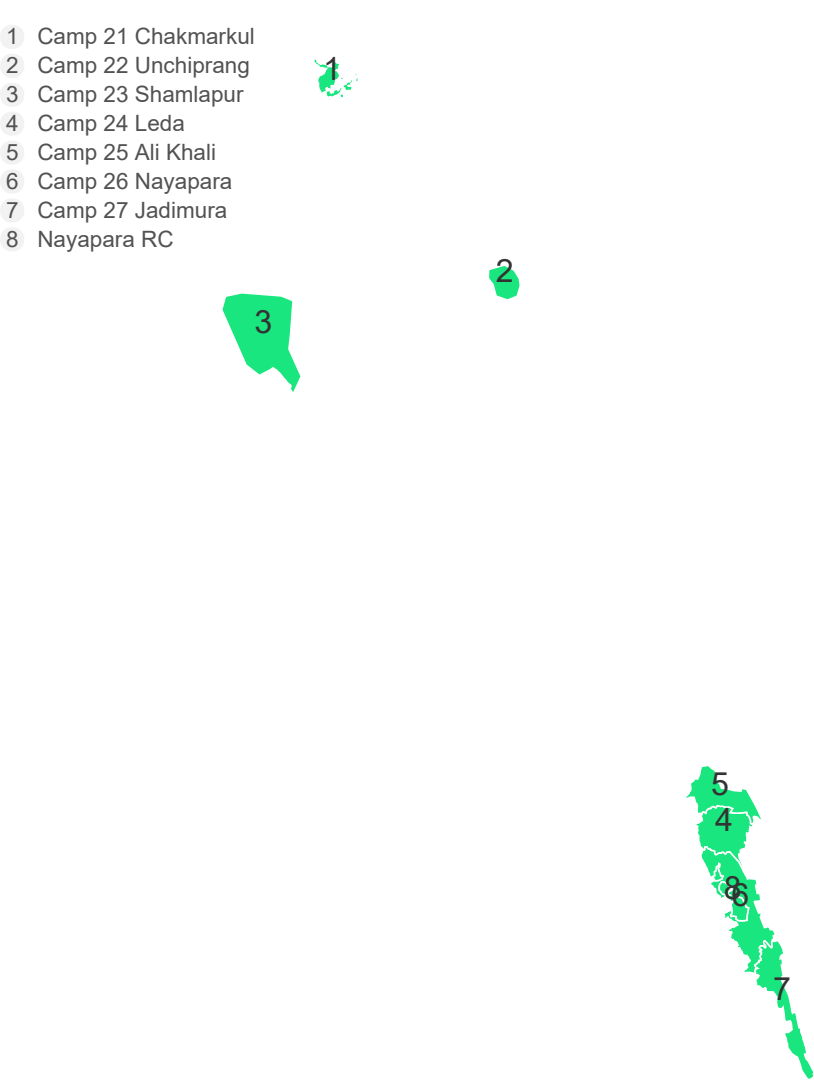


Table 4 | Performance by camp (W39 2022)

| Northern group | Reporting | | Performance | |
|----------------------|---------------------|--------------------|--------------|------------|
| | # health facilities | # reports received | Completeness | Timeliness |
| Ukhia Northern Group | | | | |
| Camp 1E | 3 | 3 | 100% | 0% |
| Camp 1W | 5 | 3 | 80% | 0% |
| Camp 2E | 3 | 3 | 100% | 0% |
| Camp 2W | 3 | 3 | 100% | 0% |
| Camp 3 | 5 | 5 | 100% | 0% |
| Camp 4 | 5 | 5 | 100% | 0% |
| Camp 4 Ext | 1 | 1 | 100% | 0% |
| Camp 5 | 5 | 5 | 100% | 0% |
| Camp 6 | 3 | 3 | 100% | 0% |
| Camp 7 | 6 | 5 | 100% | 0% |
| Camp 8E | 8 | 6 | 88% | 0% |
| Camp 8W | 4 | 4 | 100% | 0% |
| Kutupalong RC | 2 | 2 | 100% | 0% |

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

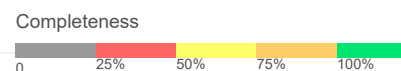
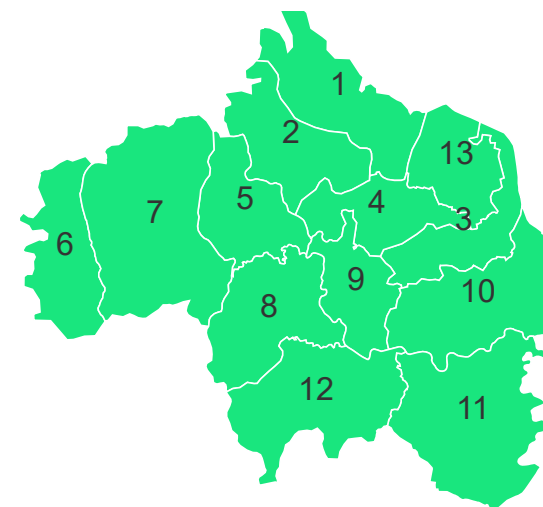


Table 5 | Performance by camp (W39 2022)

| Southern group | Reporting | | Performance | |
|----------------------|---------------------|--------------------|--------------|------------|
| | # health facilities | # reports received | Completeness | Timeliness |
| Ukhia Southern Group | | | | |
| Camp 10 | 4 | 3 | 75% | 0% |
| Camp 11 | 8 | 6 | 75% | 0% |
| Camp 12 | 6 | 5 | 83% | 0% |
| Camp 13 | 10 | 9 | 90% | 0% |
| Camp 14 | 7 | 5 | 71% | 0% |
| Camp 15 | 9 | 6 | 89% | 11% |
| Camp 16 | 7 | 5 | 86% | 0% |
| Camp 17 | 5 | 5 | 100% | 0% |
| Camp 18 | 5 | 4 | 80% | 0% |
| Camp 19 | 5 | 4 | 80% | 0% |
| Camp 20 | 4 | 4 | 100% | 0% |
| Camp 20 Ext | 3 | 3 | 100% | 0% |
| Camp 9 | 6 | 4 | 67% | 0% |

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

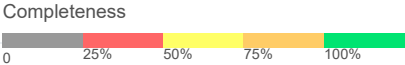
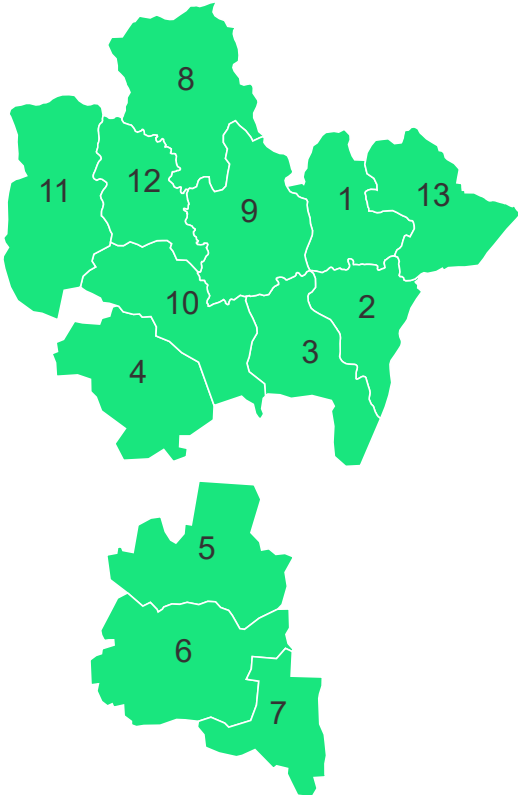


Table 6 | Performance by camp (W39 2022)

| Teknaf | Reporting | | Performance | |
|--------------------|---------------------|--------------------|--------------|------------|
| | # health facilities | # reports received | Completeness | Timeliness |
| Ukhia Teknaf | | | | |
| Camp 21 Chakmarkul | 4 | 4 | 100% | 0% |
| Camp 22 Unchiprang | 5 | 3 | 60% | 0% |
| Camp 23 Shamlapur | 3 | 1 | 33% | 0% |
| Camp 24 Leda | 2 | 1 | 50% | 0% |
| Camp 25 Ali Khali | 3 | 3 | 100% | 0% |
| Camp 26 Nayapara | 5 | 5 | 100% | 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

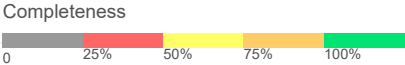
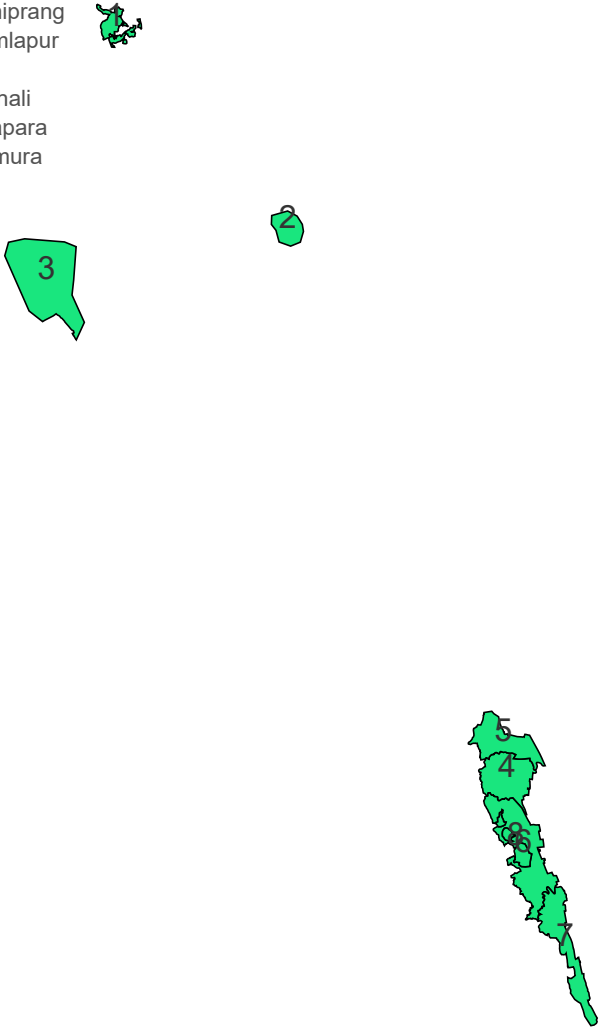


Table 7 | Performance by partner (W39 2022)

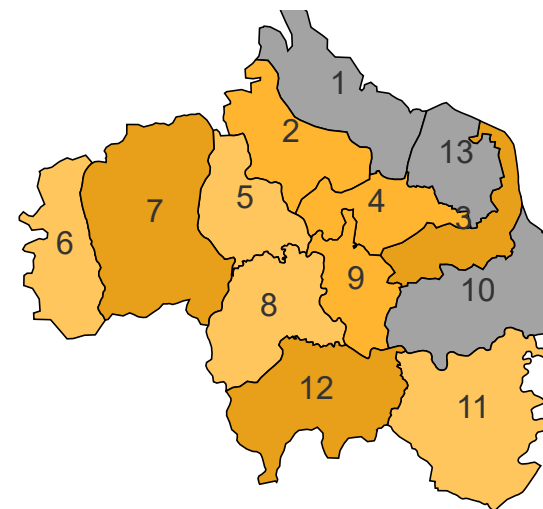
| Partner | Performance | | Reporting | | Partner | Performance | | Reporting | |
|------------|-------------|--------------------|--------------|------------|--------------------|-------------|--------------------|--------------|------------|
| | # sites | # reports received | Completeness | Timeliness | | # sites | # reports received | Completeness | Timeliness |
| AKF | 1 | 0 | 0% | 0% | IRC | 4 | 3 | 75% | 75% |
| AWARD | 6 | 6 | 100% | 100% | MSF | 9 | 7 | 78% | 78% |
| BASHMAH | 1 | 1 | 100% | 100% | MoH | 12 | 10 | 83% | 83% |
| BDRCS | 11 | 11 | 100% | 100% | MHI | 0 | 0 | | |
| BRAC | 11 | 11 | 100% | 100% | Medair | 0 | 0 | | |
| CARE | 4 | 3 | 75% | 75% | FH/MTI | 4 | 4 | 100% | 100% |
| GH/CPI | 1 | 1 | 100% | 100% | PRANTIC | 1 | 1 | 100% | 100% |
| DBC | 1 | 1 | 100% | 100% | PULSE | 1 | 0 | 0% | 0% |
| DSK | 1 | 1 | 0% | 0% | QC | 1 | 1 | 100% | 100% |
| DCHT-PWJ | 1 | 1 | 100% | 100% | PHD | 10 | 10 | 100% | 100% |
| FRNDS | 6 | 6 | 100% | 100% | RPN | 2 | 2 | 100% | 100% |
| GK | 10 | 10 | 100% | 100% | RHU | 3 | 3 | 100% | 100% |
| Global One | 1 | 1 | 100% | 100% | 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 | 0 | 0% | 0% | SCI | 7 | 7 | 100% | 100% |
| HMBDF | 2 | 2 | 100% | 100% | DCHT-MM | 1 | 1 | 100% | 100% |
| HOPE | 1 | 1 | 100% | 100% | Turkish Government | 1 | 0 | 0% | 0% |
| ICRC | 1 | 2 | 200% | 200% | TdH | 2 | 2 | 100% | 100% |
| IOM | 23 | 21 | 91% | 91% | | | | | |

Table 8 | Performance by camp

| Northern group | W39 | | Cumulative (2022) | |
|-----------------------|----------|----------|-------------------|----------|
| | # alerts | % verif. | # alerts | % verif. |
| Alerts Northern group | | | | |
| Camp 1E | 0 | 0% | 71 | 100% |
| Camp 1W | 4 | 100% | 182 | 100% |
| Camp 2E | 7 | 100% | 369 | 100% |
| Camp 2W | 4 | 100% | 118 | 100% |
| Camp 3 | 1 | 100% | 166 | 100% |
| Camp 4 | 6 | 100% | 140 | 100% |
| Camp 4 Ext | 2 | 100% | 52 | 100% |
| Camp 5 | 2 | 100% | 117 | 100% |
| Camp 6 | 3 | 100% | 93 | 100% |
| Camp 7 | 0 | 0% | 79 | 100% |
| Camp 8E | 2 | 100% | 71 | 100% |
| Camp 8W | 9 | 100% | 191 | 100% |
| Kutupalong RC | 0 | 0% | 73 | 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

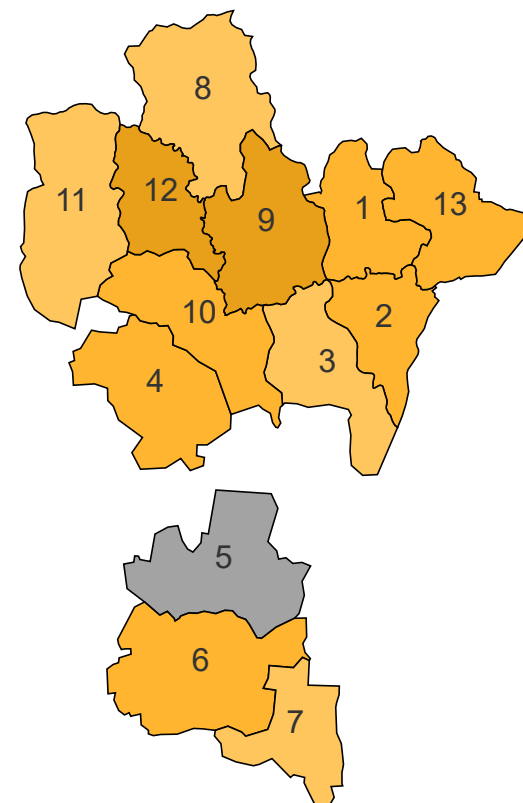


Table 9 | Performance by camp

| Southern group | W39 | | Cumulative (2022) | |
|-----------------------|----------|----------|-------------------|----------|
| | # alerts | % verif. | # alerts | % verif. |
| Alerts Northern group | | | | |
| Camp 10 | 3 | 100% | 73 | 100% |
| Camp 11 | 5 | 100% | 90 | 100% |
| Camp 12 | 2 | 100% | 119 | 100% |
| Camp 13 | 4 | 100% | 133 | 100% |
| Camp 14 | 0 | 0% | 70 | 100% |
| Camp 15 | 3 | 100% | 130 | 100% |
| Camp 16 | 2 | 100% | 106 | 100% |
| Camp 17 | 2 | 100% | 96 | 100% |
| Camp 18 | 7 | 100% | 149 | 100% |
| Camp 19 | 3 | 100% | 59 | 100% |
| Camp 20 | 6 | 100% | 66 | 100% |
| Camp 20 Ext | 2 | 100% | 51 | 100% |
| Camp 9 | 6 | 100% | 184 | 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



of alerts



Table 10 | Performance by camp

| Teknaf | W39 | | Cumulative (2022) | |
|-----------------------|----------|----------|-------------------|----------|
| | # alerts | % verif. | # alerts | % verif. |
| Alerts Northern group | | | | |
| Camp 21 Chakmarkul | 2 | 100% | 43 | 100% |
| Camp 22 Unchiprang | 3 | 100% | 62 | 100% |
| Camp 23 Shamlapur | 0 | 0% | 16 | 100% |
| Camp 24 Leda | 2 | 100% | 88 | 100% |
| Camp 25 Ali Khali | 3 | 100% | 31 | 100% |
| Camp 26 Nayapara | 8 | 100% | 116 | 100% |
| Camp 27 Jadimura | 1 | 100% | 60 | 100% |
| Nayapara RC | 1 | 100% | 35 | 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

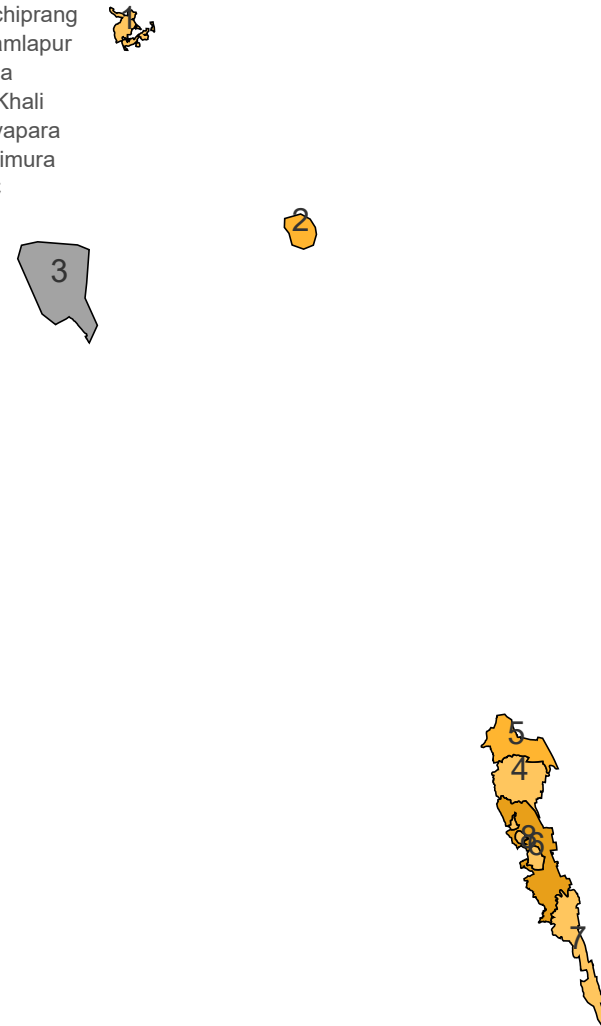


Table 11 | Performance by type of alert

| Event | W39 | | Cumulative (2022) | |
|-------------------------------------|----------|----------|-------------------|----------|
| | # alerts | % verif. | # alerts | % verif. |
| Indicator-based surveillance | | | | |
| Malaria | 0 | 0% | 3 | 100% |
| Measles | 6 | 100% | 402 | 100% |
| Bloody Diarr. | 0 | 0% | 0 | 0% |
| AFP | 0 | 0% | 24 | 100% |
| Meningitis | 0 | 0% | 22 | 100% |
| Haem. fever (susp.) | 3 | 100% | 29 | 100% |
| NNT | 0 | 0% | 3 | 100% |
| Unexp. fever | 3 | 100% | 114 | 100% |
| AWD | 7 | 100% | 189 | 100% |
| ARI | 5 | 100% | 171 | 100% |
| AJS | 4 | 100% | 92 | 100% |
| Varicella (Susp.) | 0 | 0% | 107 | 100% |
| Suspected COVID-19 | 0 | 0% | 0 | 0% |
| Event-based surveillance | | | | |
| EBS total | 5 | 100% | 189 | 100% |

Table 12 | Risk assessment

| W39 | Cumulative (2022) | |
|-----|-------------------|----------------|
| 0 | 8 | Low risk |
| 0 | 1 | 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>



Ministry of
Health and
Family
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Bangladesh



World Health
Organization



HEALTH SECTOR
COX'S BAZAR



Global
EWARS

Bangladesh

Rohingya Emergency Response

Early Warning, Alert and Response System (EWARS)

Annex W39 2022



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World Health
Organization



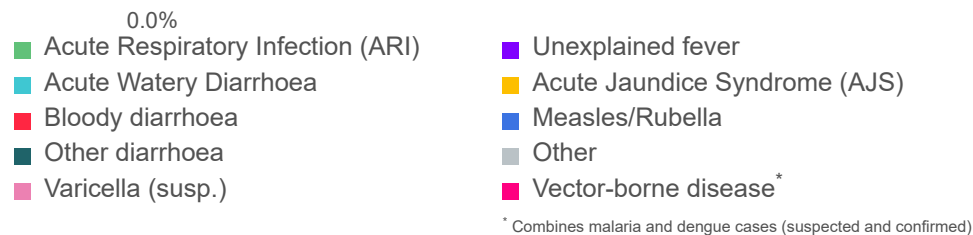
HEALTH SECTOR
COX'S BAZAR



Printed: 09:15 Thursday, 29 September 2022 UTC

Proportional morbidity

Figure 1 | Proportional morbidity (W39 2022)



| Disease | W39 | | 2022 | |
|-----------------|----------------|-------------|------------------|-------------|
| | # cases | % morbidity | # cases | % morbidity |
| AWD | 4,077 | 3.3% | 105,680 | 2.7% |
| Bloody diarr. | 347 | 0.3% | 14,190 | 0.4% |
| Other diarr. | 1,317 | 1.1% | 40,847 | 1.0% |
| Susp. Varicella | 15 | 0.0% | 8,963 | 0.2% |
| ARI | 29,092 | 23.2% | 712,465 | 17.9% |
| Measles/Rub. | 13 | 0.0% | 886 | 0.0% |
| AFP | 0 | 0.0% | 58 | 0.0% |
| Susp. menin. | 4 | 0.0% | 156 | 0.0% |
| AJS | 36 | 0.0% | 1,030 | 0.0% |
| Susp. HF | 42 | 0.0% | 258 | 0.0% |
| Neo. tetanus | 0 | 0.0% | 9 | 0.0% |
| Adult tetanus | 0 | 0.0% | 14 | 0.0% |
| Malaria (conf.) | 6 | 0.0% | 362 | 0.0% |
| Malaria (susp.) | 50 | 0.0% | 52,839 | 1.3% |
| Dengue (conf.) | 356 | 0.3% | 17,712 | 0.4% |
| Dengue (susp.) | 210 | 0.2% | 7,705 | 0.2% |
| Unexpl. fever | 1,403 | 1.1% | 47,550 | 1.2% |
| Sev. Malnut. | 108 | 0.1% | 1,776 | 0.0% |
| Inj./Wounds | 2,023 | 1.6% | 84,164 | 2.1% |
| Other | 85,988 | 68.7% | 2,879,901 | 72.3% |
| Total | 123,750 | 100% | 3,983,817 | 100% |

Trend in consultations and key diseases

Figure 2 | Trend in proportional morbidity for key diseases (W39)

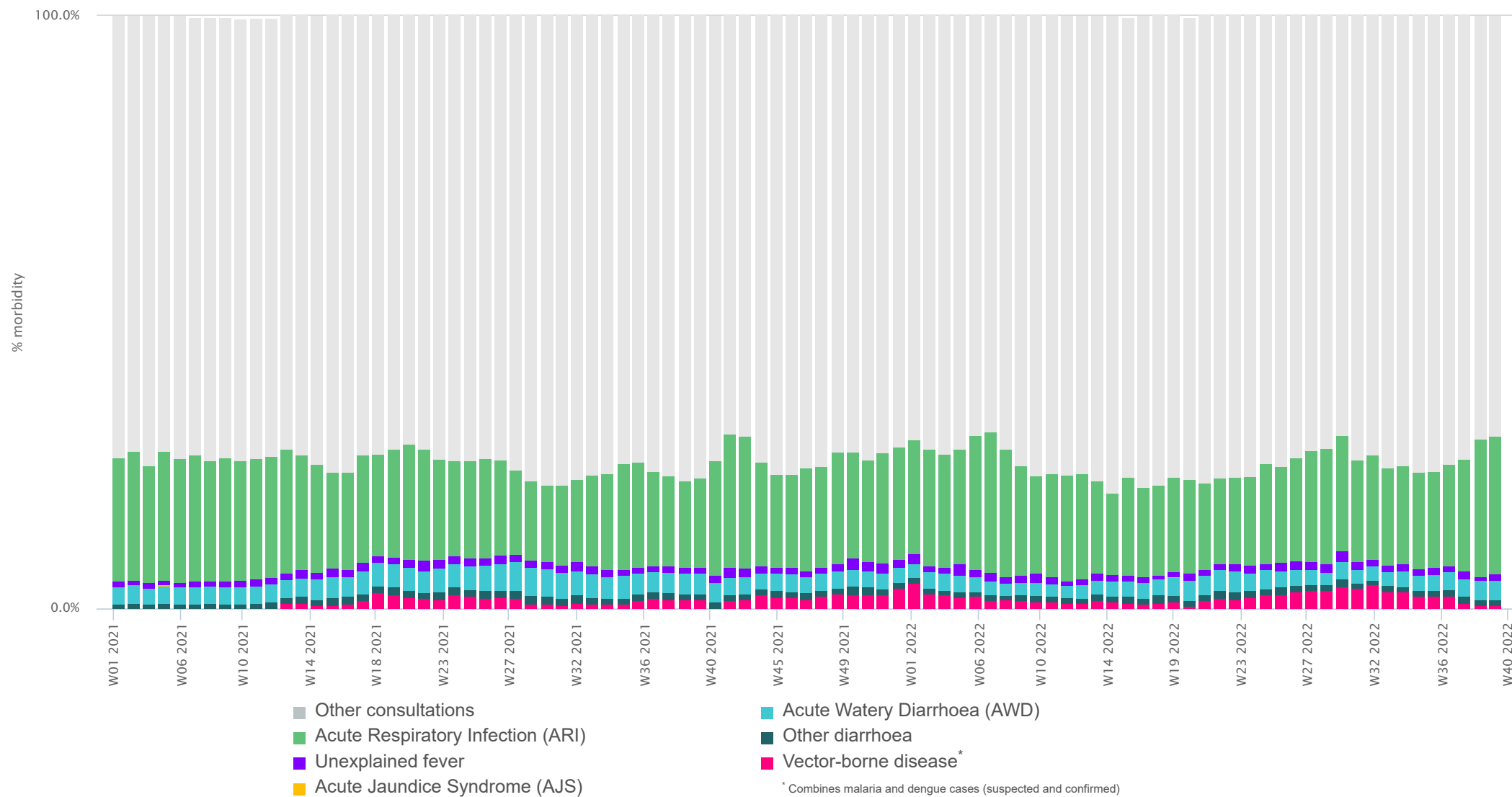
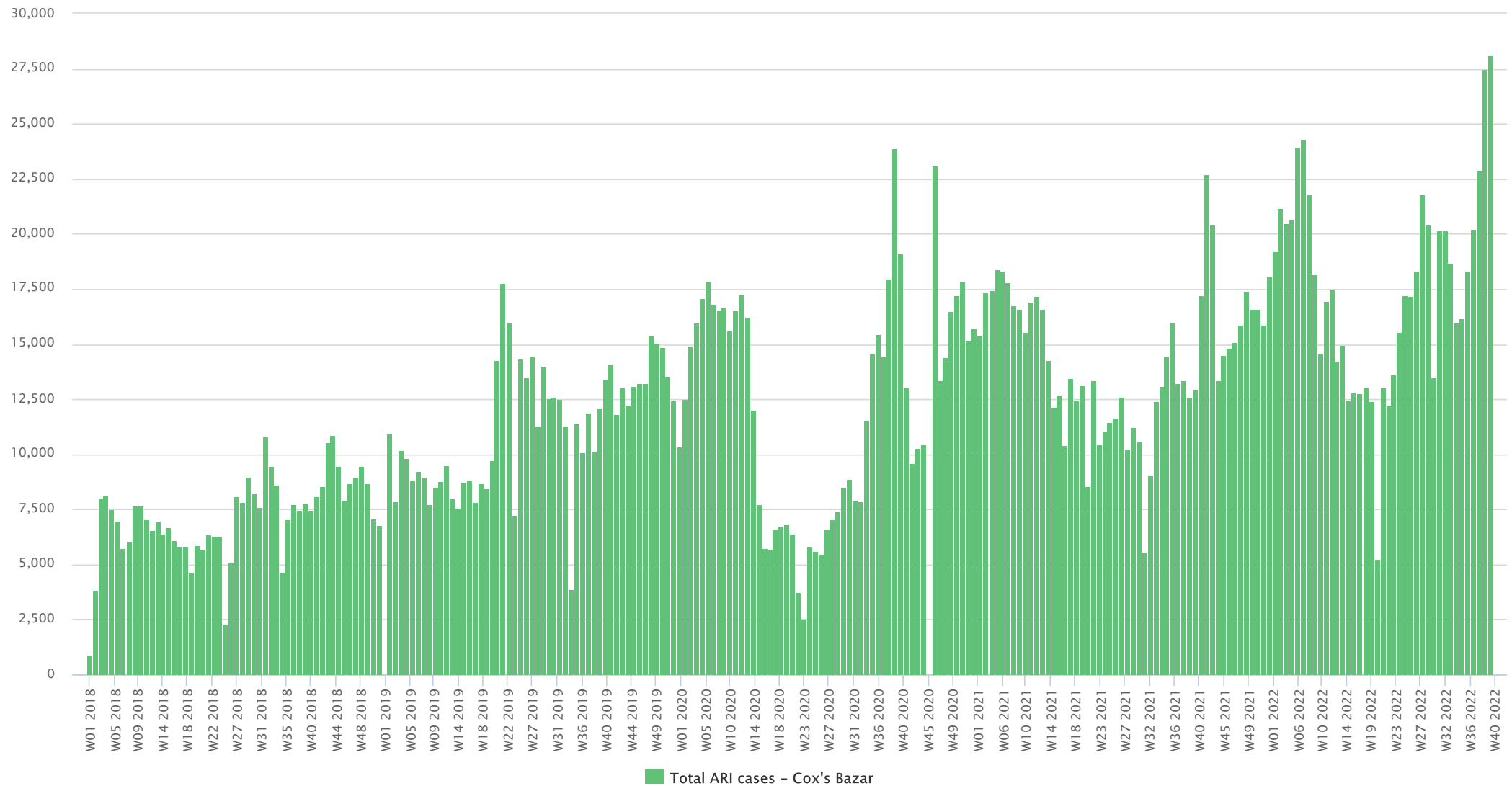
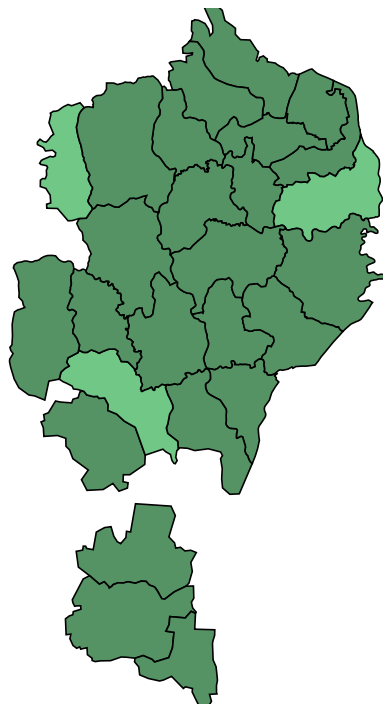


Figure 3 | Trend in number of cases over time (W38 2017 - W39 2022)

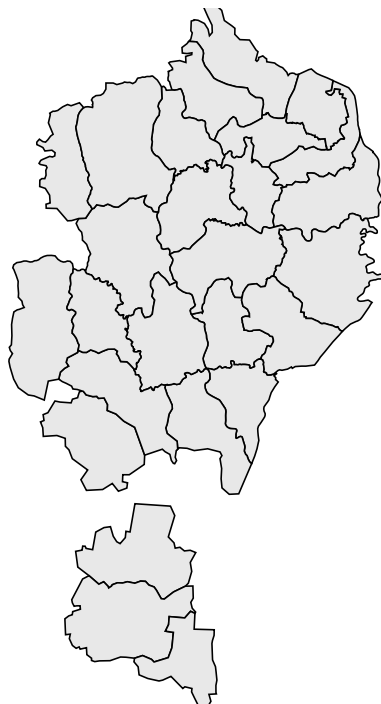


Map 1 | Map of cases by camp (W39 2022)

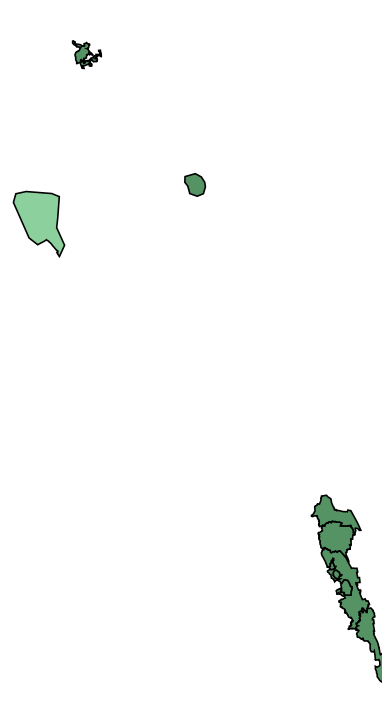
a. Ukhia | Number of cases



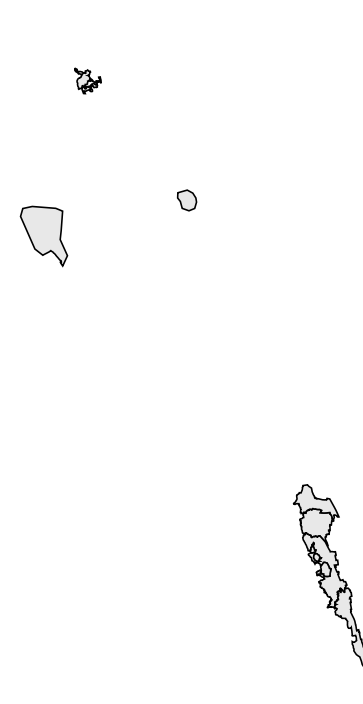
b. Ukhia | Number of alerts



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 (W39 2022)

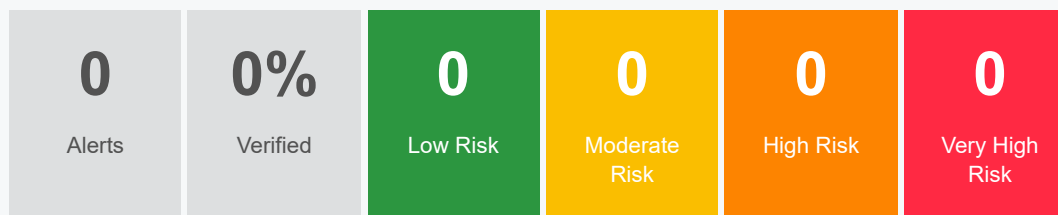


Figure | % sex

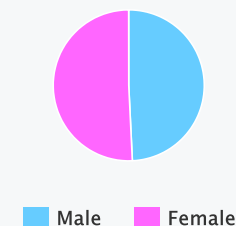


Figure | % age

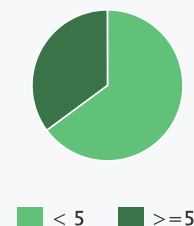
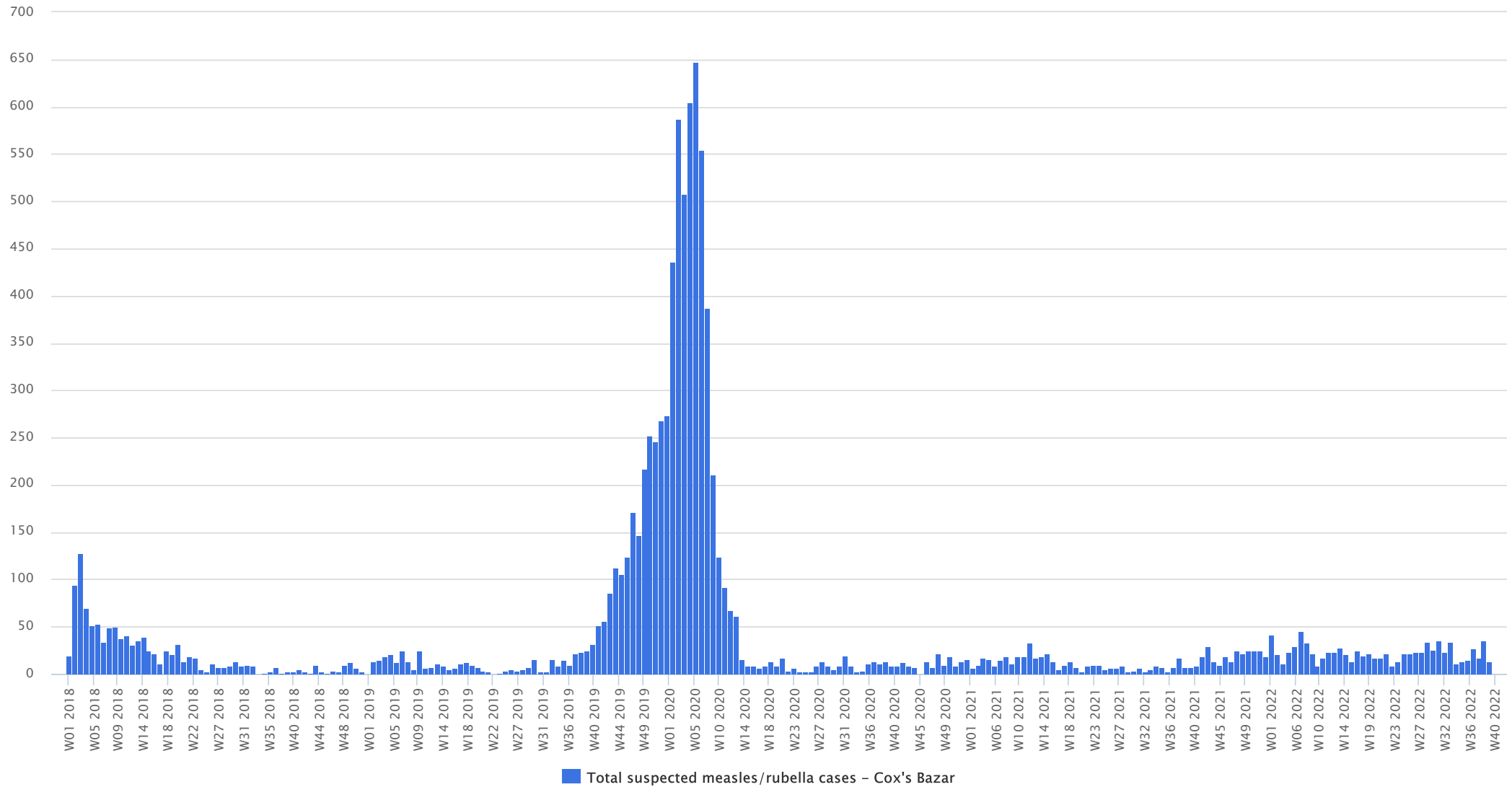
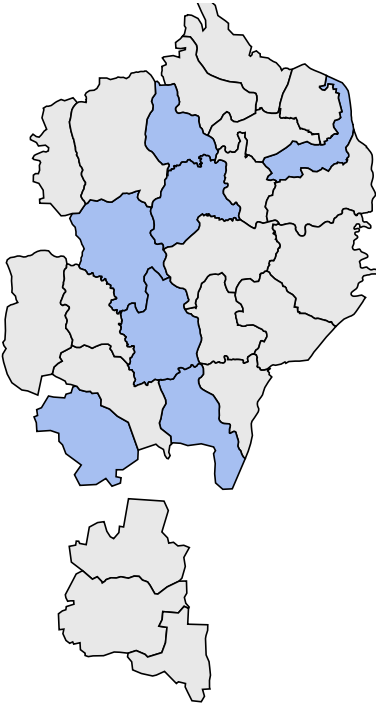


Figure 4 | Trend in number of suspected cases over time (W38 2017 - W39 2022)

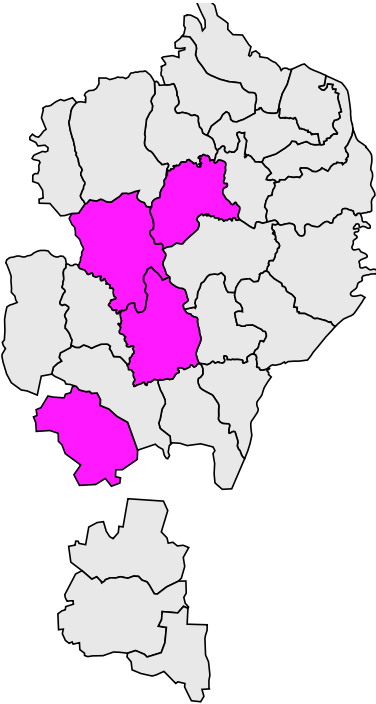


Map 2 | Map of cases by camp (W39 2022)

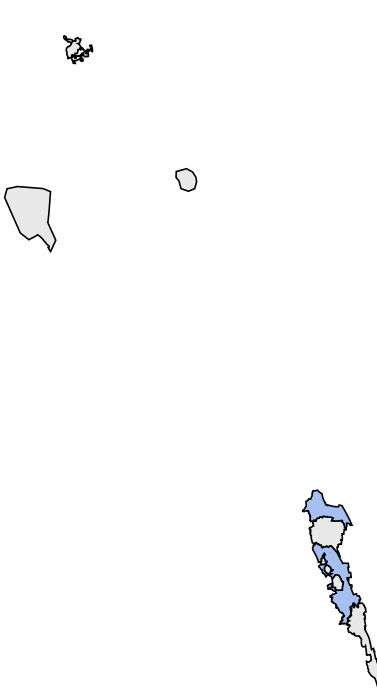
a. Ukhia | Number of cases



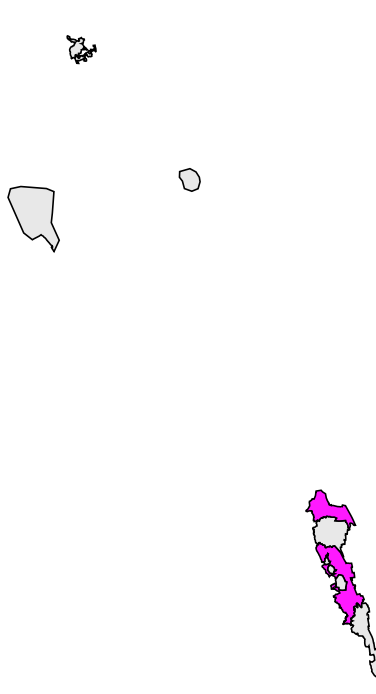
b. Ukhia | Number of alerts



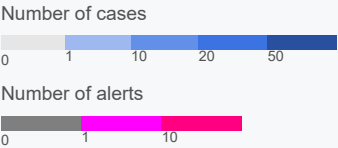
c. Teknaf | Number of cases



d. Teknaf | Number of alerts



Map legend



Alert threshold
1 case. Source: IEDCR

Alert management (W39 2022)

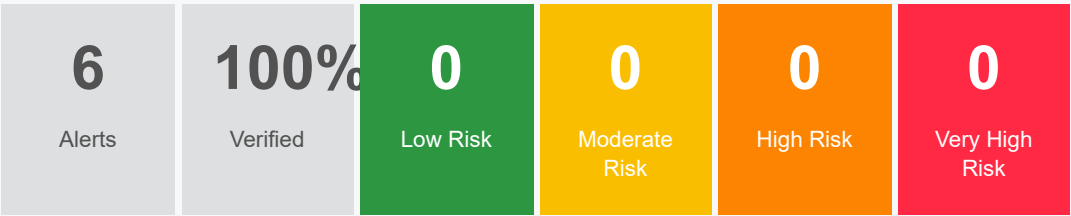


Figure | % sex

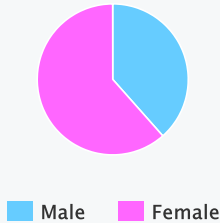


Figure | % age

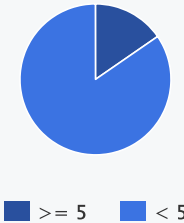
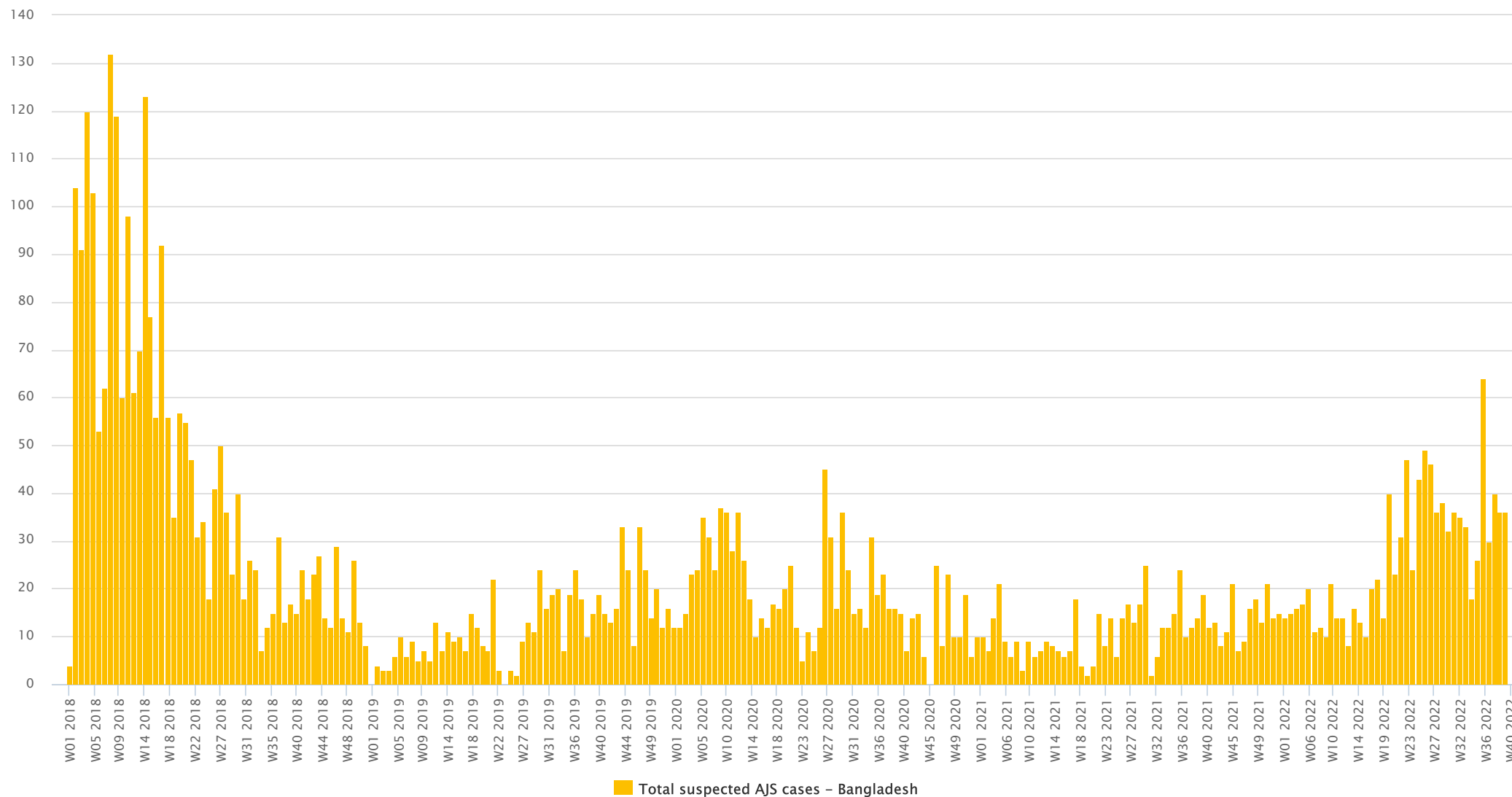
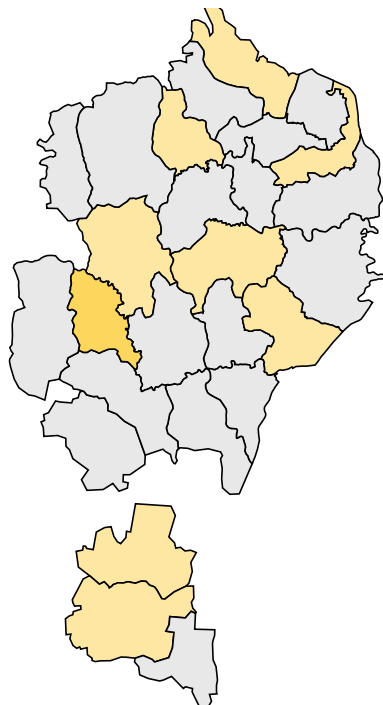


Figure 5 | Trend in number of cases over time (W38 2017 - W39 2022)

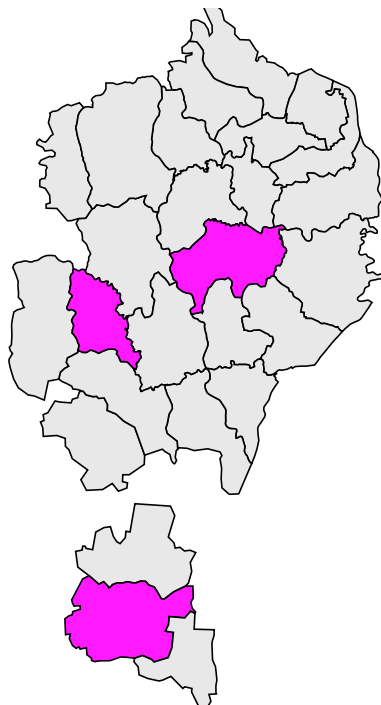


Map 3 | Map of cases by camp (W37 2017 - W39 2022)

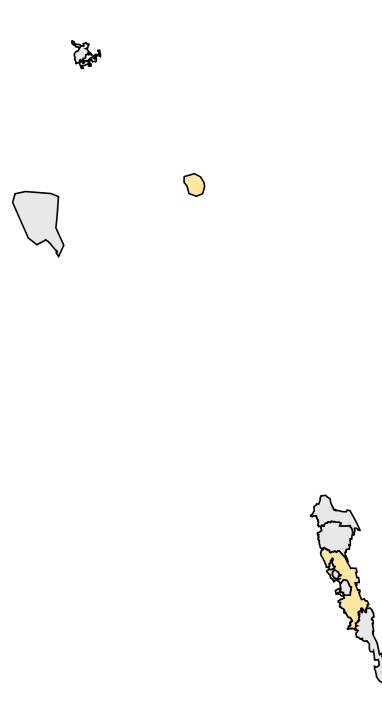
a. Ukhia | Number of cases



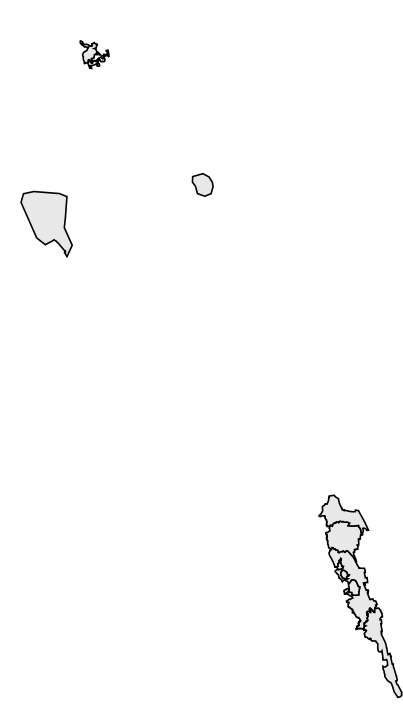
b. Ukhia | Number of alerts



c. Teknaf | Number of cases

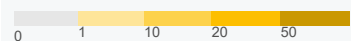


d. Teknaf | Number of alerts



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 (W39 2022)

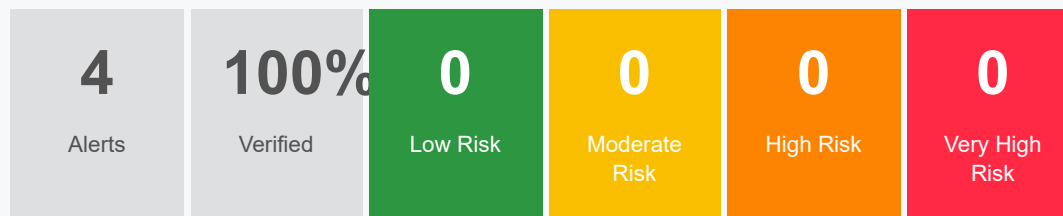
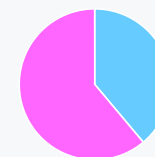
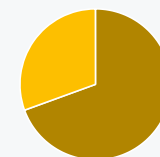


Figure | % sex



Male Female

Figure | % age



>= 5 < 5

Figure 6 | Trend in number of cases over time (W38 2017 - W39 2022)

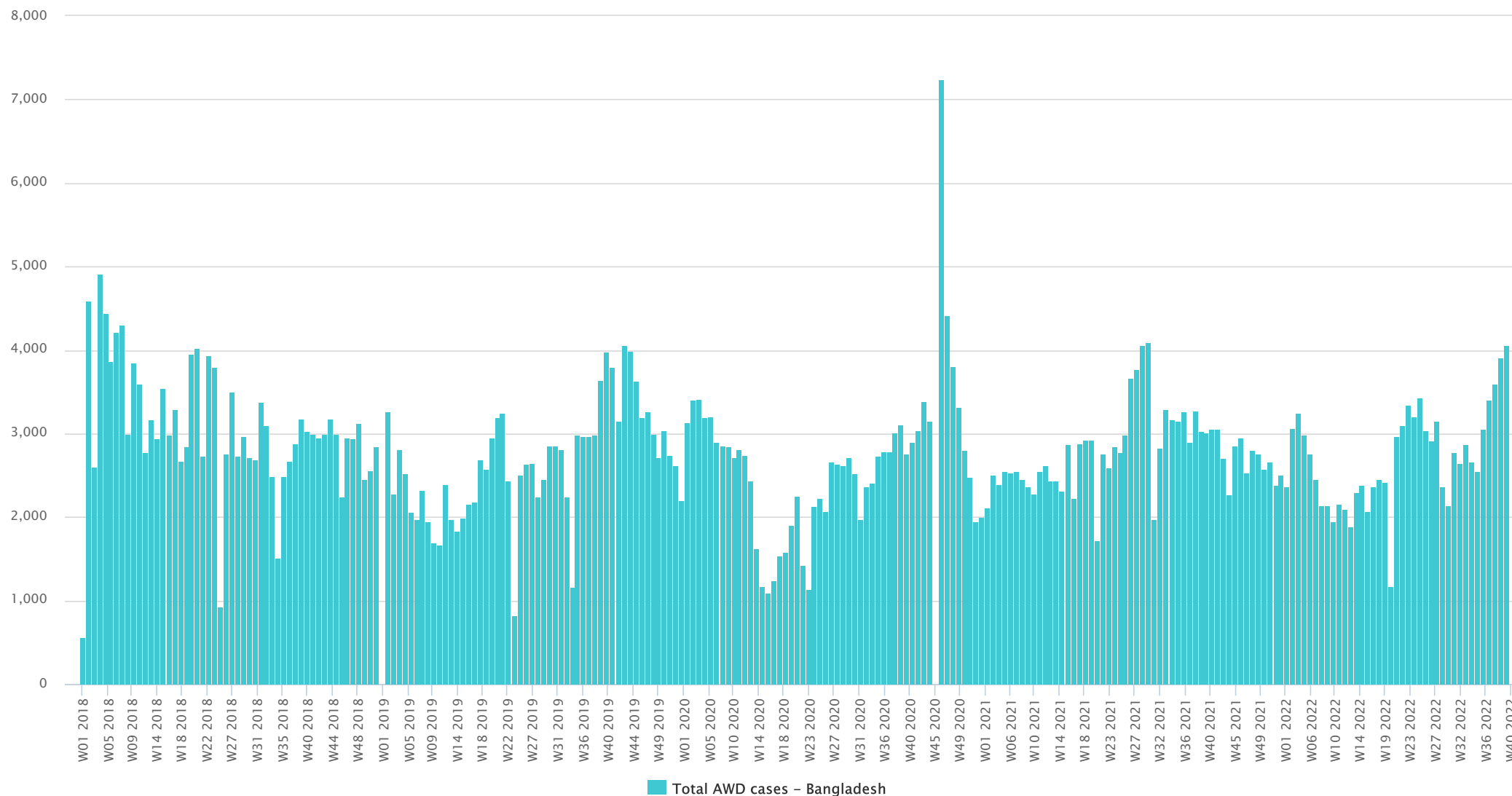
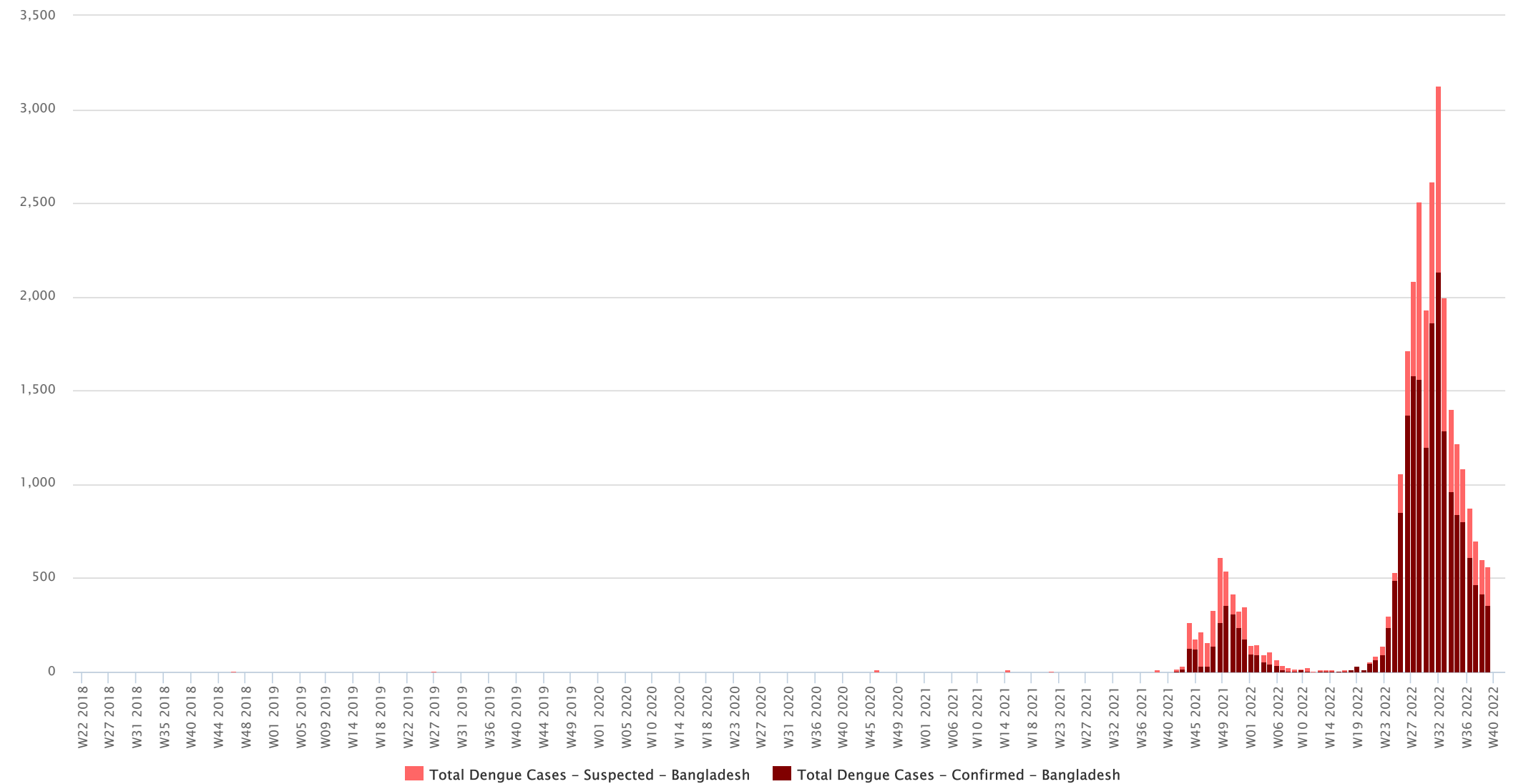
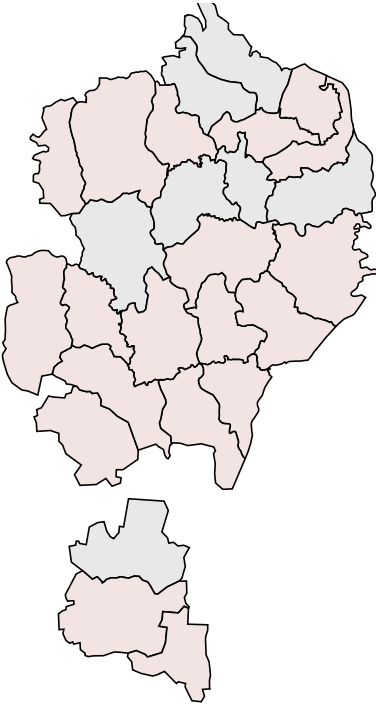


Figure 7 | Trend in number of cases over time (W38 2017 - W39 2022)

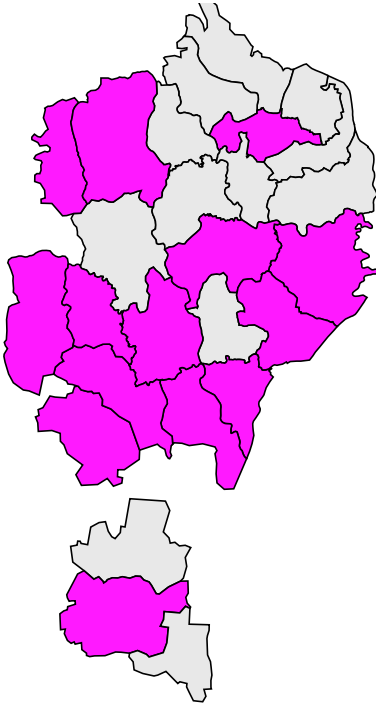


Map 4 | Map of cases by camp (W37 2017 - W39 2022)

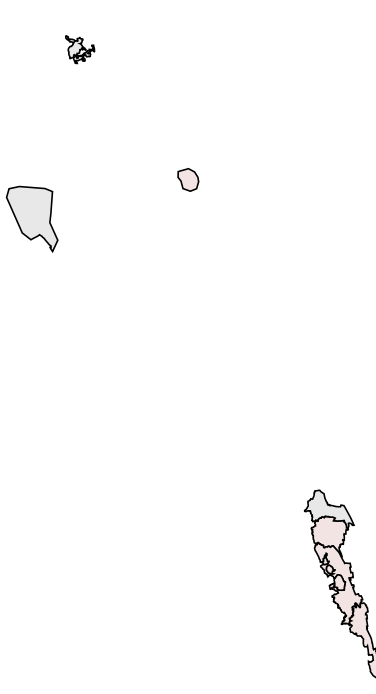
a. Ukhia | Number of cases



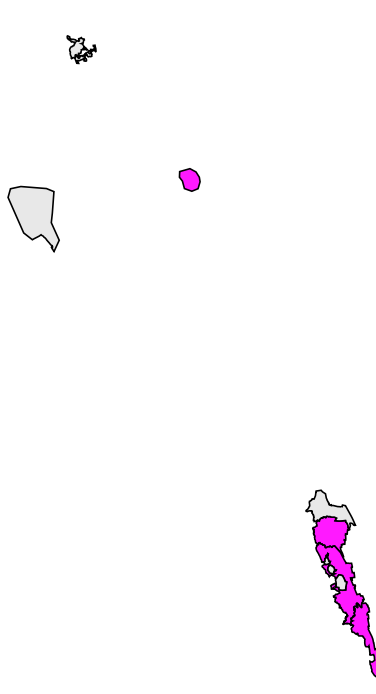
b. Ukhia | Number of alerts



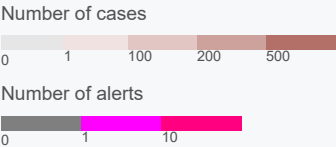
c. Teknaf | Number of cases



d. Teknaf | Number of alerts



Map legend



Alert threshold

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

Alert management (W39 2022)

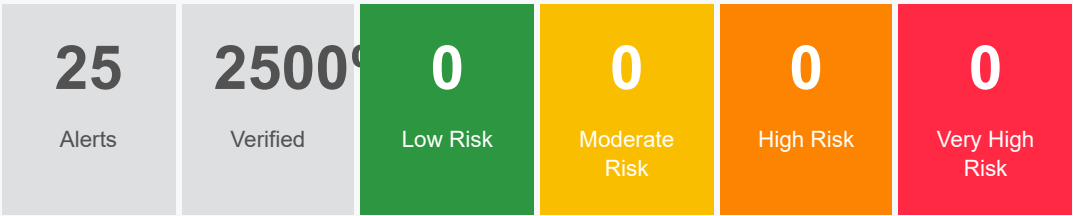


Figure | % sex

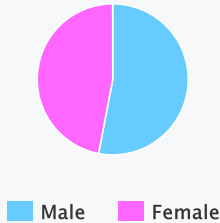


Figure | % age

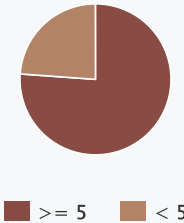
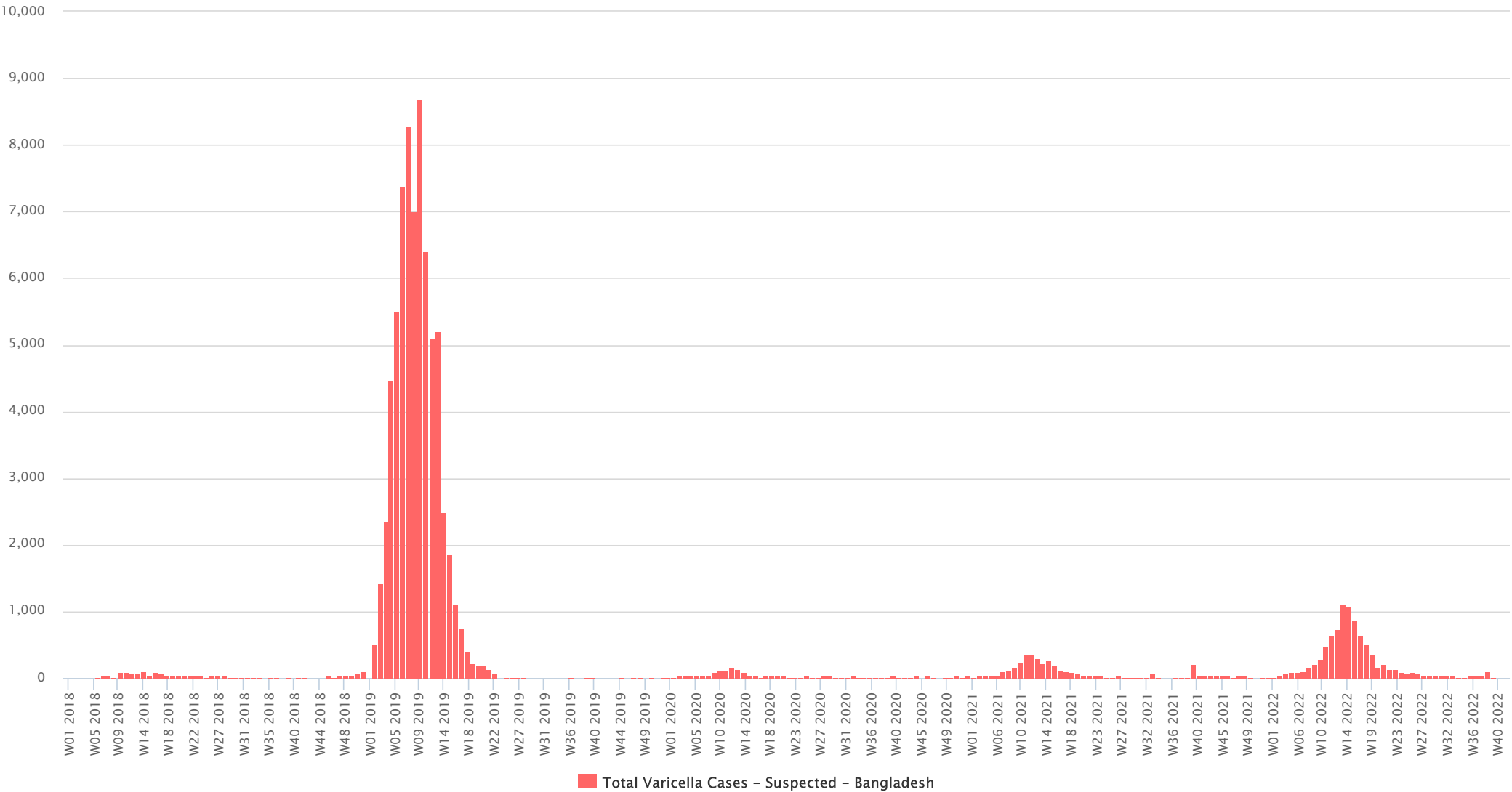
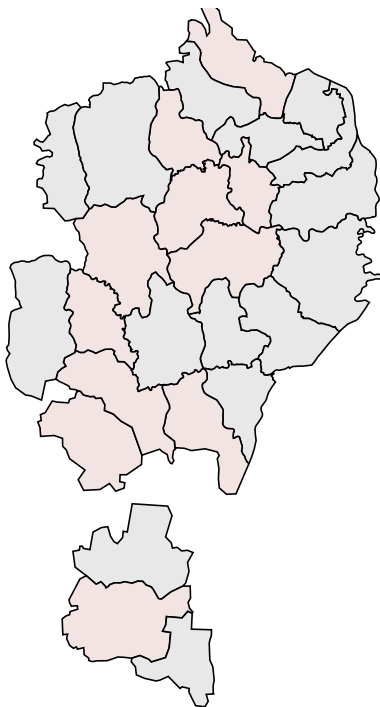


Figure 7 | Trend in number of cases over time (W38 2017 - W39 2022)

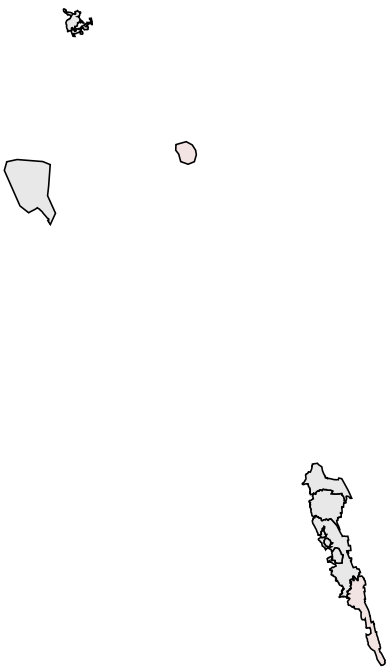


Map 4 | Map of cases by camp (W37 2017 - W39 2022)

a. Ukhia | Number of cases



c. Teknaf | Number of cases



Map legend

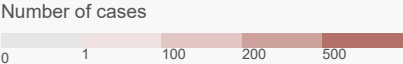


Figure | % sex

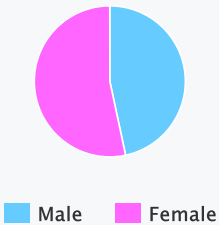
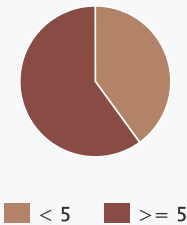


Figure | % age



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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