

INFECTIOUS DISEASE OUTBREAKS SITUATION REPORT | Epidemiological week #03-2025



Disease Outbreaks	ARI-Pneumonia	Measles (Suspected)	COVID-19 (Confirmed)	AWD with dehydration	Dengue fever (Suspected)	CCHF (Suspected)	Malaria (Confirmed)
Cumulative cases 2025	121,124	3,911	243	4,845	55	18	730
Cumulative deaths 2025 (CFR %)	303 (0.3)	22 (0.6)	2 (0.8)	0 (0.0)	0 (0.0)	1 (5.6)	0 (0.0)
Cumulative Cases 2024	1,357,350	59,753	13,812	175,262	4,722	1,221	81,304
Cumulative deaths 2024 (CFR %)	2,999 (0.2)	289 (0.5)	75 (0.5)	88 (0.05)	2 (0.04)	95 (7.8)	2 (0.002)

(Data from 603 (98.4%) out of 613 sentinel sites)

ARI-Pneumonia

(01 Jan 2024 – 18 Jan 2025)



Total ARI Cases

Total ARI Deaths



Samples tested for . influenza



Lab confirmed



Influenza test positivity ratio

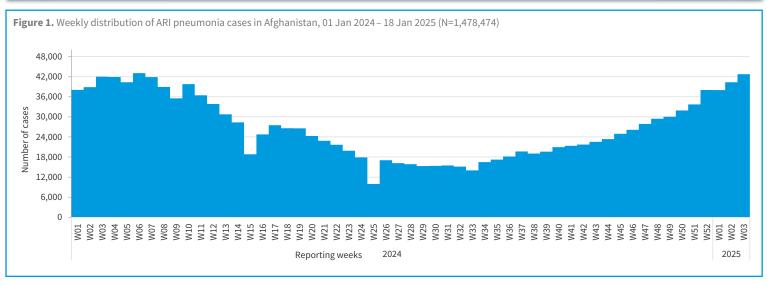
*Currently ARI related data (morbidity and mortality) are reported from 613 surveillance sentinel sites across 34 provinces in the country. **Currently, there are 10 functional influenza surveillance sentinel sites for both ILI and SARI in ten provinces of Afghanistan. At each site, there is one trained influenza surveillance assistant, collecting specimen and epidemiological data from 4 LI and 6 SARI cases per week in the AR season and sending them to the National Influenza Center (NIC) for testing.

Table 1: Summary of the ARI-Pneumonia outbreak in the last eight weeks in Afghanistan (24 Nov 2024 – 18 Jan 2025)

Indicators	W48-24	W49-24	W50-24	W51-24	W52-24	W01-25	W02-25	W03-25	Trend lines
Suspected cases	29,451	30,030	31,901	33,735	38,037	38,012	40,359 *	42,753	
Suspected deaths	45	45	51	60	72	99	108 *	96	
CFR (%)	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.2	

*A delayed reporting was experienced during week 02-2024 and the number of ARI pneumonia cases and deaths were modified from 40,331 to 40,359 and from 107 to 108, respectively.

- The epi curve indicates a gradual increase in ARI pneumonia cases since week 34-2024 (Figures 1 & 2). The increase could be explained by the ongoing winter season in the country.
- During week 03-2025, 42,753 cases of ARI pneumonia and 96 associated deaths (CFR=0.2%) were reported, which shows a 5.9% increase in the number of ARI pneumonia cases compared to the preceding week.
- Out of the 42,753 cases, 21,207 (49.6%) were females while 25,816 (60.4%) of them were under five children.
- Since Jan 2025, 121,124 cases of ARI pneumonia and 303 associated deaths (CFR=0.3%) were reported. Out of total cases, 72,166 (59.6%) were under five, while 60,015 (49.5%) were females.
- Since the beginning of 2024, the highest cumulative incidence of ARI pneumonia per 10,000 population has been reported in Balkh (724.5), followed by Nuristan (716.8), Bamyan (682.9), and Jawzjan (647.0) provinces (Figure 3).
- During 2024, a total of 1,357,350 ARI Pneumonia cases (49.4% females and 62.8% under five) and 2,999 associated deaths (CFR of 0.2%; 45.8% females, 83.6% under five) were reported from 34 provinces.



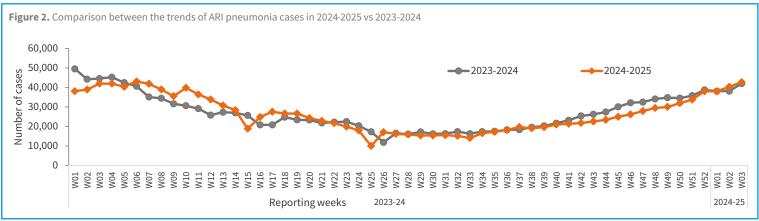
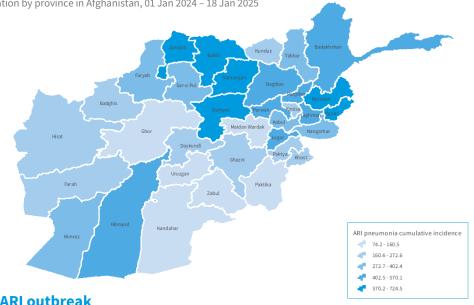


Figure 3. ARI-Pneumonia cumulative incidence per 10,000 population by province in Afghanistan, 01 Jan 2024 – 18 Jan 2025

ARI pneumonia cumulative incidence per 10,000 population by province

01 Jan 2024—18 Jan 2025



Updates on the response activities to the ARI outbreak

- Since the beginning of 2025, World Health Organization (WHO) has conducted two online awareness campaigns on winter
 -related diseases specifically pneumonia through its official social media accounts (Facebook and Twitter). A total of
 47,949 people were only reached in week 03 of 2025. Facebook link
- During 2024, the following preparedness and response activities were implemented:
 - ° A total of 250 HCWs were trained on ARI Pneumonia case management in 7 regions (North, Northeast, Central, South, Southeast, East, and West).
 - A total of 6,500 Viral Transport Media (VTM) have been distributed to the North-east and Central-east NDSR offices.
 - ° Eighty-nine case management kits have been distributed to all WHO sub-offices.
 - $^\circ$ WHO has handed over a total of 89,000 IEC materials on ARI to MoPH (64,000 Posters and 25,000 Brochures).



Measles

(01 Jan 2024-18 Jan 2025)





Total Deaths







Total Cases

Sample tested

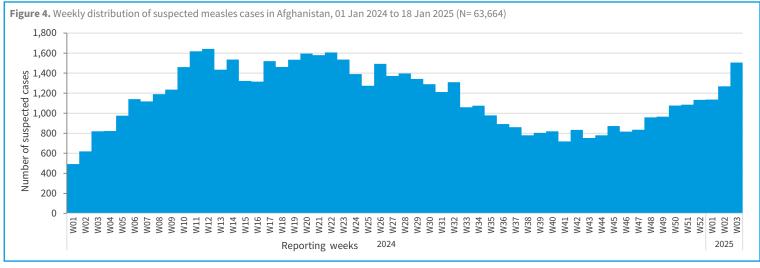
Lab confirmed cases

Test positivity rate

Table 2: Summary of the measles outbreak in the last eight weeks in Afghanistan (24 Nov 2024 – 18 Jan 2025)

Indicators	W48-24	W49-24	W50-24	W51-24	W52-24	W01-25	W02-25	W03-25	Trend line
Suspected cases	959	966	1,077	1,085	1,134	1,136	1,269	1,506	
Suspected deaths	5	6	7	2	10	8	7	7	
CFR (%)	0.5	0.6	0.6	0.2	0.9	0.7	0.6	0.5	-

- The epidemiological curve of suspected measles cases shows a gradual increase since week 43-2024 (Figure 4). The trend in 2024-2025 is higher than that reported in 2023-2024 (Figure 5).
- During week 03-2025, a total of 1,506 suspected cases and 7 associated deaths were reported showing 18.7% increase in the number of suspected cases compared to the preceding week. Out of the 1,506 cases, 716 (47.5%) were females and 1,248 (82.9%) were under-five children.
- All of the 7 new deaths were under-five children while 4 of them were females. The deaths were reported from 6 provinces: Herat (2), Jawzjan (1), Kabul (1), Kandahar (1), Parwan (1), and Zabul (1).
- Since Jan 2025, 3,911 cases of suspected measles and 22 associated deaths (CFR=0.6%) were reported. Out of total cases, 3,289 (84.1%) were under five, while 1,837 (47.0%) were females.
- Since the beginning of 2024, Balkh has reported the highest cumulative incidence of suspected measles cases per 10,000 population (42.6), followed by Khost (33.4), Urozgan (33.3), and Helmand (30.7) (Figure 6).
- During 2024, a total of 59,753 suspected measles cases (45.5% female and 80.0% under five) and 289 deaths (CFR=0.5%; 44.6% female and 95.2% under five) were reported.



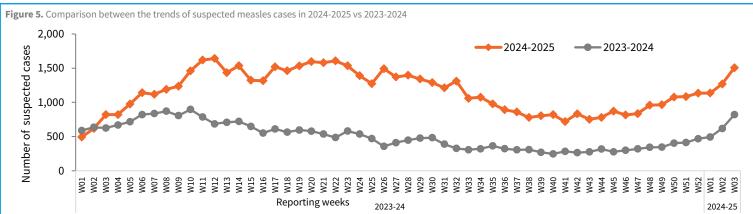




Figure 6. Suspected measles cumulative incidence per 10,000 population by province in Afghanistan 01 Jan 2024-18 Jan 2025

AFGHANISTAN

Suspected measles cumulative incidence per 10,000 population by province 01 Jan 2024 - 18 Jan 2025



Updates on the preparedness and response to the measles outbreak

- During week 03-2025, a total of 537 children aged 9-59 months were vaccinated against measles outbreaks in 8 provinces (Kabul, Parwan, Wardak, Kandahar, Paktika, Jawzjan, Nangarhar and Laghman). This brings the number of children 9-59 months who have been vaccinated against measles as part of outbreak response immunization activities to 34,765 across the country since the beginning of 2024.
- During 2024, a total of 103 SSTs (each team included 2 members) were trained on sample collection, storage, and shipment from 3 regions: Central (63 SSTs), West (3 SSTs), and South (37 SSTs) regions.
- During 2024, a total of 126 measles case management kits have been distributed to WHO sub-offices across the country.

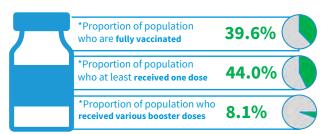
COVID-19 (24 Feb 2020 — 18 Jan 2025)

Cumulative samples tested Cumulative confirmed cases 1,075,116 244,351 Cumulative positivity rate (22.7%) In public laboratories New confirmed cases in week 03 New samples tested in week 03 2,009 Weekly positivity rate (5.6%) In public laboratories 49.3% -2.2% Key: ● Increasing ● Decreasing ● No change





*Note: During December 2024, around 1,922 doses of various COVID-19 vaccines have been administered which shows a 26.8% decrease compared to November 2024.



^{*} The denominator is 43,100,596 based on OCHA estimation 2024

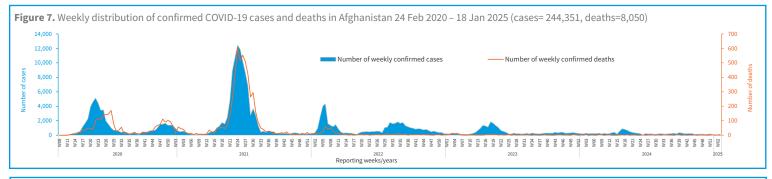


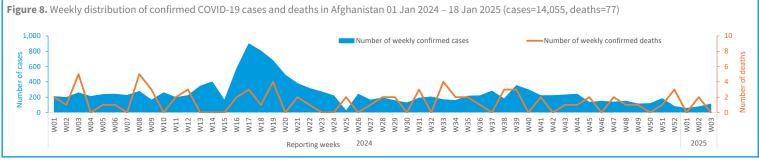
Table 3: Summary of COVID-19 indicators in the last 8 weeks in Afghanistan (24 Nov 2024 – 18 Jan 2025)

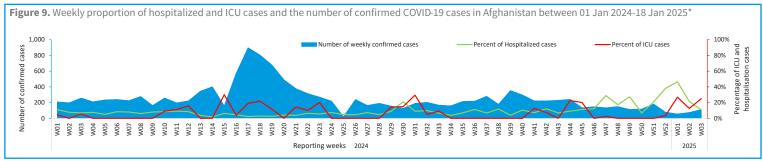
Indicators	W48-24	W49-24	W50-24	W51-24	W52-24	W01-25	W02-25	W03-25	Trend line
Samples tested (in public Labs)	2,222	1,824	2,183	2,109	2,295	1,617	2,055 *	2,009	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Confirmed cases	150	113	118	182	79	56	75 *	112	
Percent positivity (%)	6.8	6.2	5.4	8.6	3.4	3.5	3.6	5.6	
Deaths	1	1	0	1	3	0	2	0	→
CFR (%)	0.7	0.9	0.0	0.5	3.8	0.0	2.7	0.0	→

*A delayed reporting was experienced during week 02-2025 and the number of tested samples and confirmed COVID-19 cases were modified from 1,761 to 2,055, and from 66 to 75, respectively.

- The epidemiological curve of confirmed COVID-19 cases indicates a fluctuation at the lower level in the recent weeks following the peak in the week 17-2024 (Figures 7 & 8).
- During week 03-2025, a total of 2,009 samples were tested in public labs, of which 112 cases were positive for COVID-19 (positivity rate 5.6%) with no associated deaths. The number of positive cases shows a 49.3% increase compared to the preceding week (Table 3 and Figure 8).
- During week 03-2025, among 112 confirmed cases, 12 (10.7%) were hospitalized, while 3 (25.0%) of the hospitalized case were admitted to ICU (Figure 9). Of the 112 COVID-19 confirmed cases, 38 (33.9%) were females.
- Since Jan 2025, 243 confirmed cases of COVID-19 and 2 associated deaths (CFR=0.8%) were reported. Out of total cases, 105 (43.2%) were females.
- During 2024, a total of 13,812 COVID-19 confirmed cases and 75 deaths (CFR=0.5%) have been reported. Out of the total cases, 7,411 (53.7%) were females while females represented almost 3 quarters of deaths (55 73.3%).







*The hospitalization rate was calculated among confirmed cases, while the ICU rate was calculated among hospitalized cases.

Update on the response activities to COVID-19

- Since the beginning of 2024, the below supplies have been distributed to all regional sub-offices:
 - ° A total of 930 VTM kits (50 units per kit).
 - ° A total of 1,571 COVID-19 RDT kits (25 tests per kit).



Acute Watery Diarrhea (AWD) with Dehydration

(01 Jan 2024-18 Jan 2025)



Total AWD with dehydration cases



Total AWD with dehydration deaths



Samples tested for AWD with dehydration (RDTs)



1,467
RDT-positive cases for AWD with dehydration



14.1%

RDT positivity rate for AWD with dehydration

Table 4: Summary of the AWD with dehydration outbreak in the last eight weeks in Afghanistan (17 Nov 2024 - 18 Jan 2025)

Indicators	W48-24	W49-24	W50-24	W51-24	W52-24	W01-25	W02-25	W03-25	Trend line
Number of cases	1,965	2,066	1,940	1,862	1,800	1,663	1,650	1,532	
Number of deaths	1	1	1	1	0	0	0	0	
CFR (%)	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	

- The epi-curve shows a decreasing trend since week 31-2024, which could be linked to the end of the summer season (Figure 10).
- During week 03-2025, 1,532 AWD with dehydration cases with no associated deaths were reported from 108 districts, which shows a 7.2% decrease in the number of cases reported compared to the previous week.
- Out of the 1,532 AWD with dehydration cases, 732 (47.8%) were females and 892 (58.2%) were under-five children.
- During week 03-2025, 2 new districts (Hazar Samooj district of Takhar and Keshm district of Badakhshan province) reported alerts of AWD with dehydration.
- Since Jan 2025, 4,845 cases of AWD with dehydration with no associated deaths were reported. Out of total cases, 2,858 (59.0%) were under five, while 2,304 (47.6%) were females.
- Since Jan 2025, 222 Rapid Diagnostic Tests (RDT) have been conducted on AWD with dehydration cases, of which 10 tests turned positive (positivity rate 4.5%).
- Since the beginning of 2024, the highest cumulative incidence of AWD with dehydration per 10,000 population was reported from Paktya (147.9) followed by Nimroz (142.7), Logar (105.6), and Kabul (90.3) (Figure 11).
- During 2024, a total of 175,262 AWD with dehydration cases (49.4% females and 55.5% under five) and 88 associated deaths (CFR=0.05%; 42.0% female and 90.9% under five) were reported from 353 districts. Also, 10,189 Rapid Diagnostic Tests (RDTs) have been conducted on AWD with dehydration cases, of which 1,457 tests turned positive (positivity rate 14.3%).

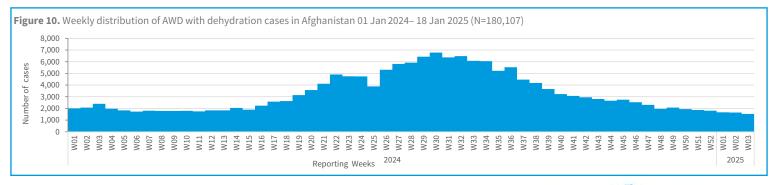
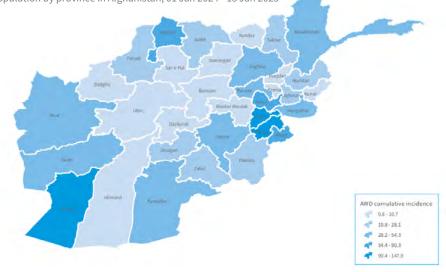


Figure 11. AWD with dehydration cumulative incidence per 10,000 population by province in Afghanistan, 01 Jan 2024 – 18 Jan 2025

AFGHANISTAN

AWD with dehydration cumulative incidence per 10,000 population by province 01 Jan 2024 – 18 Jan 2025





Updates on the preparedness and response to the AWD with dehydration outbreak

Since the beginning of 2024, the following activities have been conducted:

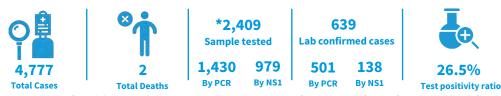
- A total of 1,483 surveillance staff (969 CHSs and HFs' Heads, 485 surveillance focal points, and 29 SSTs) have been trained on surveillance procedures, event-based surveillance (EBS), and e-surveillance in the country.
- A total of 210 HCWs have been trained on AWD with dehydration case management in 5 regions: Central region (70 including 15 females), East region (35 including 15 females), South region (35 all males), North region (35 including 5 females), and Northeast region (35 including 17 females).
- A total of 38 Data Management Officers, Data Assistants, and Data Entry Clerks (including 3 females) have been trained on data management and analysis.
- A total of 114 Cary Blair kits (100/kit) and 424 RDT kits have been distributed to 7 WHO sub-offices.
- A total of 125 case management kits have been distributed to the affected communities.
- A total of 2,700 Information, Education, and Communication (IEC) materials (1,200 posters and 1,500 brochures) on AWD have been delivered by WHO to Ghor province. These IEC materials have been used in health facilities and flood-affected communities.

WASH update:

There are no updates for the past 2 weeks.

Dengue Fever

(01 Jan 2024 - 18 Jan 2025)

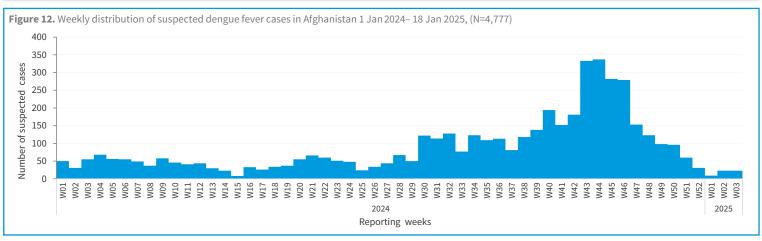


Note: Dengue fever laboratory data was reviewed, utilizing the confirmed case definition from WHO. This definition is characterized by confirmation through PCR, positive virus culture, DENV NS1 antigen detection, seroconversion of IgG in paired sera, or a significant increase (fourfold) in IgG titer in paired sera. The focus was placed on cases confirmed by PCR and DENV NS1 antigen detection, excluding cases that were only positive for IgM or IgG based on a single sample https://cdn.who.int/media/docs/default-source/outbreak-toolkit/dengue-outbreak-toolkox_20220921.pdf?sfvrsn=29de0271_2

Table 5: Summary of the dengue fever outbreak in the last eight weeks in Afghanistan (24 Nov 2024 – 18 Jan 2025)

Indicators	W48-24	W49-24	W50-24	W51-24	W52-24	W01-25	W02-25	W03-25	Trend line
Suspected cases	123	98	96	60	31	9	23	23	-
suspected deaths	0	0	0	0	0	0	0	0	• • • • • • • • • • • • • • • • • • • •
CFR (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	• • • • • • • • • • • • • • • • • • • •

- The epi curve of suspected dengue fever cases shows a gradual decrease since week 45-2024 following an increasing trend since week 26-2024 reaching its highest peak in week 44-2024 (Figure 12).
- Since the beginning of 2024, the number of suspected dengue fever cases has been higher than the cases reported in 2023-24; however, in the recent 4 weeks, the cases have been reported lower than that reported during 2023-24 (Figure 13).
- During week 03-2025, 23 suspected cases of dengue fever with no associated deaths, were reported from Nangarhar province, which is the same as the number of dengue fever cases reported in the preceding week.
- Since the beginning of 2025, 55 suspected dengue fever cases, with no associated deaths reported. All of the reported cases were over five, while 32 (58.2%) were females.
- Since the beginning of 2024, a total of 2,409 samples (1,430 PCR and 979 NS1) have been tested, out of which 639 (501 by PCR and 138 by NS1) were positive (total positivity rate 26.5%).
- During 2024, a total of 4,722 suspected cases of dengue fever (44.4% female and 1.8% under five) with 2 associated deaths (CFR of 0.04%; both over five males) were reported.



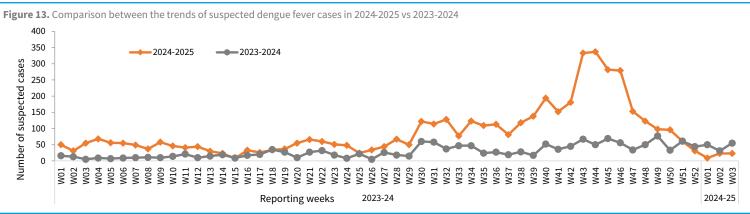
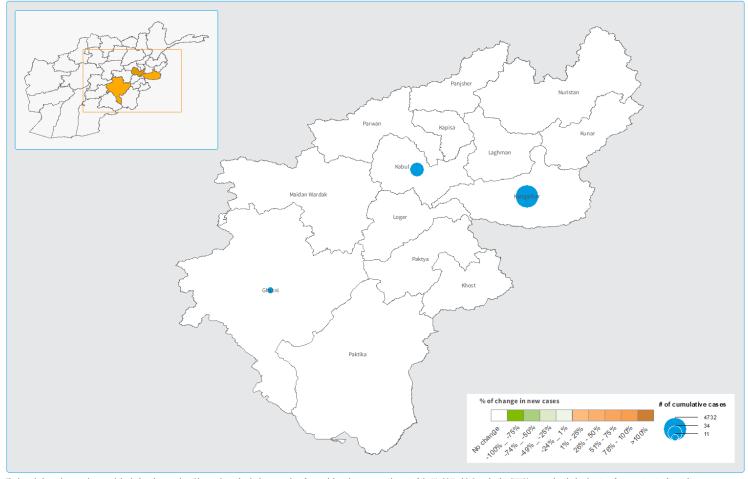


Figure 14. Geographical distribution of suspected dengue fever cases and percent change of new cases in Afghanistan, 01 Jan 2024–18 Jan 2025



Norld Health Geographical distribution of suspected dengue fever cases in Nangarhar, Ghazni and Kabul provinces and weekly Drganization percent of changes (between weeks 02 and 03, 2025)



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization (WHO) concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries, the lines on map reperesent approxite border lines for which there may not yet be full agreement. Sources: MOPH, WHO, AGCHO. Creation date: 18 Jan 2025.



Updates in the response to the dengue fever outbreak

Since the beginning of 2024, the following activities were conducted:

- As part of the outbreak response to dengue fever, Gravitraps and larvicides are supplied to the MoPH.
- A total of 835 dengue fever RDT kits (10 tests/kit) have been distributed to South and East WHO sub-regional offices.
- A total of 386 HCWs (MDs and Nurses) have been trained on dengue fever case management from Kandahar (46 males and 42 females), Southeast region (64 males and 43 females), and East region (104 males and 87 females).
- A total of 150 lab technicians of HFs of Kandahar (28), Southeast region (54), and East region (68) have been trained on dengue fever diagnosis.

Crimean Congo Hemorrhagic Fever (CCHF)

(01 Jan 2024 - 18 Jan 2025)



Total CCHF



Total CCHF deaths



Samples tested for CCHF



Lab-confirmed

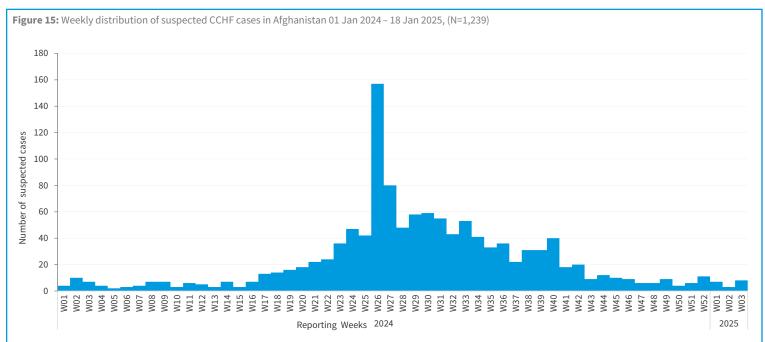


31.8%
CCHF test positivity

Table 6: Summary of the CCHF outbreak in the last eight weeks in Afghanistan (24 Nov 2024 – 18 Jan 2025)

Indicators	W48-24	W49-24	W50-24	W51-24	W52-24	W01-25	W02-25	W03-25	Trend line
Suspected cases	6	9	4	6	11	7	3	8	\
Suspected deaths	0	0	0	0	1	1	0	0	
CFR (%)	0.0	0.0	0.0	0.0	9.1	14.3	0.0	0.0	

- The epi-curve of suspected CCHF cases shows a declining trend since week 27-2024 (Figures 15 & 16).
- During week 03-2025, 8 new suspected CCHF cases, with no associated deaths were reported, compared to 3 cases reported in the preceding week (Table 6).
- Since the beginning of 2025, a total of 18 suspected CCHF cases, with one associated death (CFR=5.6%) were reported. All of the reported cases were over five, while 11 (61.1%) were females. Also, 7 samples have been tested, none of them turned out positive.
- Since the beginning of 2024, the highest cumulative incidence of suspected CCHF per 100,000 population has been reported from Balkh (9.8) followed by Kabul (8.4), Jawzjan (7.1), and Kapisa (7.0) provinces (Figure 17).
- During 2024, a total of 1,221 suspected cases of CCHF (31.6% female and 99.5% over five) with 95 associated deaths (CFR of 7.8%; 27.4% female and 98.9% over five) were reported. Also, 844 samples of suspected CCHF cases have been tested, out of which 271 turned positive (positivity rate 32.1%).



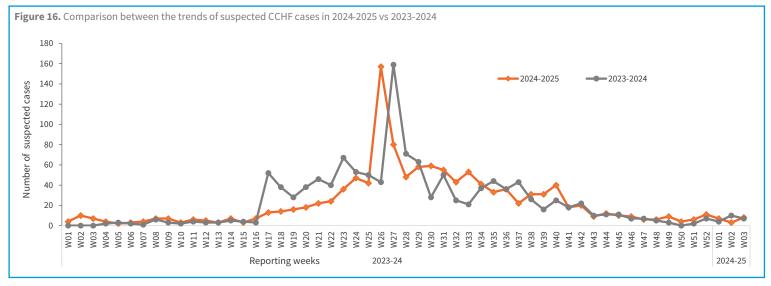
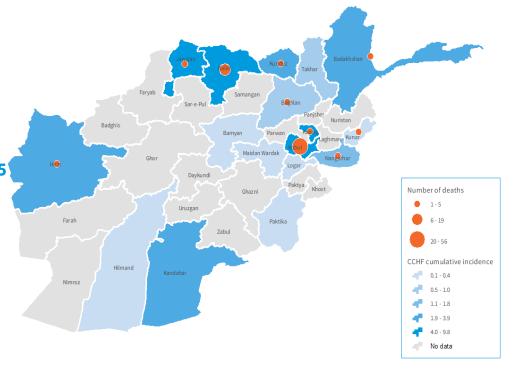


Figure 17. Cumulative incidence of Crimean-Congo Hemorrhagic Fever (CCHF) cases per 100,000 population by province and provincial distribution of deaths in Afghanistan, 01 Jan 2024 – 18 Jan 2025

Crimean-Congo Hemorrhagic Fever (CCHF) cases cumulative incidence per 100,000 population by province and provincial distribution of deaths 01 Jan 2024-18 Jan 2025



Updates on the response to the CCHF outbreak

Since the beginning of 2024, the following activities have been conducted:

- A total of 569 doses of ribavirin tablets and 1,540 doses of ribavirin injections have been distributed to the Infectious Disease Hospital (IDH) in Kabul and all WHO sub-offices.
- Insecticides have been supplied to all 34 provinces for cattle spraying against ticks in animal markets by The Ministry of Agriculture, Irrigation and Livestock (MAIL) and Food and Agriculture Organization (FAO).
- The national CCHF preparedness and response plan has been drafted and shared with MoPH for endorsement. The plan aims to prepare and respond to the CCHF outbreak with focused interventions on surveillance/outbreak investigation, laboratory confirmation, case management and supplies, RCCE for high-risk individuals, and the capacity of healthcare workers.

Since the beginning of 2024, the following RCCE activities have been conducted as a response to outbreaks:

- WHO conducted a mass online awareness campaign on CCHF and dengue fever preventive measures, reaching around 25,000 social media users through WHO official social media accounts (Facebook and Twitter).
- Additionally, WHO carried out a seven-day training and community outreach campaign in Herat, Balkh, and Kandahar provinces, deploying 110 social mobilizers and reaching approximately 111,696 people.



Malaria

(01 Jan 2024—18 Jan 2025)



82,034
Total confirmed
Malaria Cases

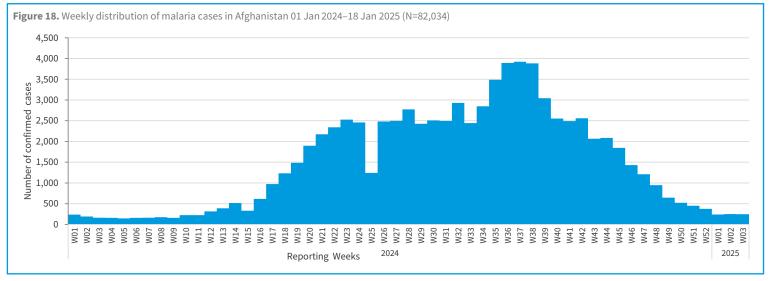


*2 (0.002)
Total malaria
deaths (CFR %)

Table 7: Summary of the malaria outbreak in the last eight weeks in Afghanistan (24 Nov 2024 – 18 Jan 2025)

Indicators	W48-24	W49-24	W50-24	W51-24	W52-24	W01-25	W02-25	W03-25	Trend line
Confirmed cases	948	645	521	449	375	238	247	245	*****
Confirmed deaths	0	0	0	0	0	0	0	0	• • • • • • •
CFR (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	• • • • • • •

- The epi curve of malaria cases shows a declining trend since week 38-2024, after its peak during week 37-2024. The trend of malaria cases in 2024-25 closely follows the trend observed in 2023-24 (Figures 18 & 19).
- During week 03-2025, 245 cases with no associated deaths were reported from 11 provinces, which shows stabilization in the number of cases compared to the previous week. Out of the total cases, 112 (45.7%) were females and 31 (12.7%) were under-five children.
- Since the beginning of 2024, the highest cumulative incidence of malaria per 10,000 population was reported from Nuristan (419.2) followed by Kunar (300.7), Laghman (192.7), and Nangarhar (105.4) (Figure 20).
- During 2024, a total of 81,304 malaria cases (47.0% female and 20.8% under-five) with 2 associated deaths (both under-five males) with CFR=0.002% were reported from 33 provinces.



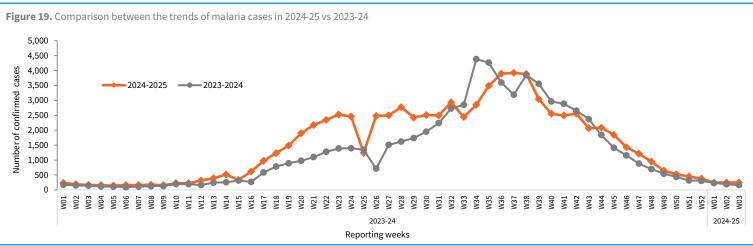
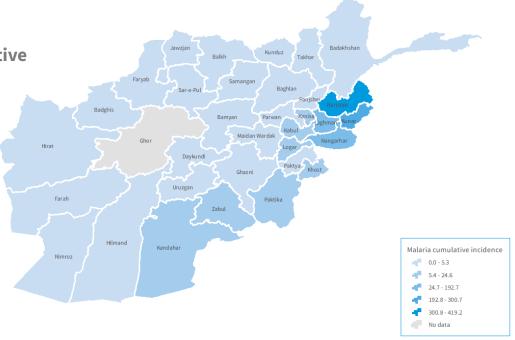




Figure 20. Malaria cumulative incidence per 10,000 population by province in Afghanistan, 01 Jan 2024 – 18 Jan 2025

Confirmed malaria cumulative Incidence per 10,000 population by province 01 Jan 2024 – 18 Jan 2025



Note: MOPH is the source of epidemiological data Case definition & alert/outbreak thresholds

Contact us for further information:

- Dr. Mohamed Tahoun, MD, MPH, PhD: Epidemiologist, WHO-CO, (tahounm@who.int)
- Infectious Hazard Preparedness Team Health Emergencies Program (WHE) (emacoafgihpt@who.int)