

Summary:

- Out of 613 functional surveillance sentinel sites, 608 (99.2%) have submitted reports this week.
- A total of 651,847 new consultations, of which 245,807 (37.7%) were due to Surveillance targeted diseases. That included 130,327 (53%) males and 115,480 (47%) females. Also, 112,943 (45.9%) people under five years old and 132,864 (54.1%) people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (167,999 = 25.8% cases out of total new consultations), Acute Diarrheal Diseases (42,541 = 6.5% cases out of total new consultations), and Pneumonia (29,451= 4.5% cases out of total new consultations).
- A total of 386 deaths were reported this week, of which 72 (18.7%) deaths were due to surveillance-targeted diseases, which include 45 ARI Pneumonia deaths, 13 Suspected Meningitis deaths, 07 Acute Viral Hepatitis deaths, 05 suspected Measles deaths, 01 AWD with Dehydration death, and 01 COVID-19 death.
- In addition, during this week, 33 outbreaks were reported: 15 Clinical Scabies outbreaks were reported from Badghis, Bamyán, Khost, Ghzani, Herat, Kabul, Kunduz, Logar, Nangarhar, Panjshir, Parwan, Takhar and Wardak provinces, 11 Suspected Measles outbreaks were reported from Baghlan, Helmand, Kabul, Kunduz, Urozgan and Wardak provinces, 04 Clinical Chickenpox outbreaks were reported from Faryab, Ghazni, Herat and Logar provinces, 02 AWD with Dehydration outbreak were reported from Helmand and Kandahar provinces and 01 Typhoid Fever outbreak was reported from Herat province.
- Moreover, 138 COVID-19 confirmed cases, and 959 suspected Measles cases (IBS) were reported at the national level.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2024

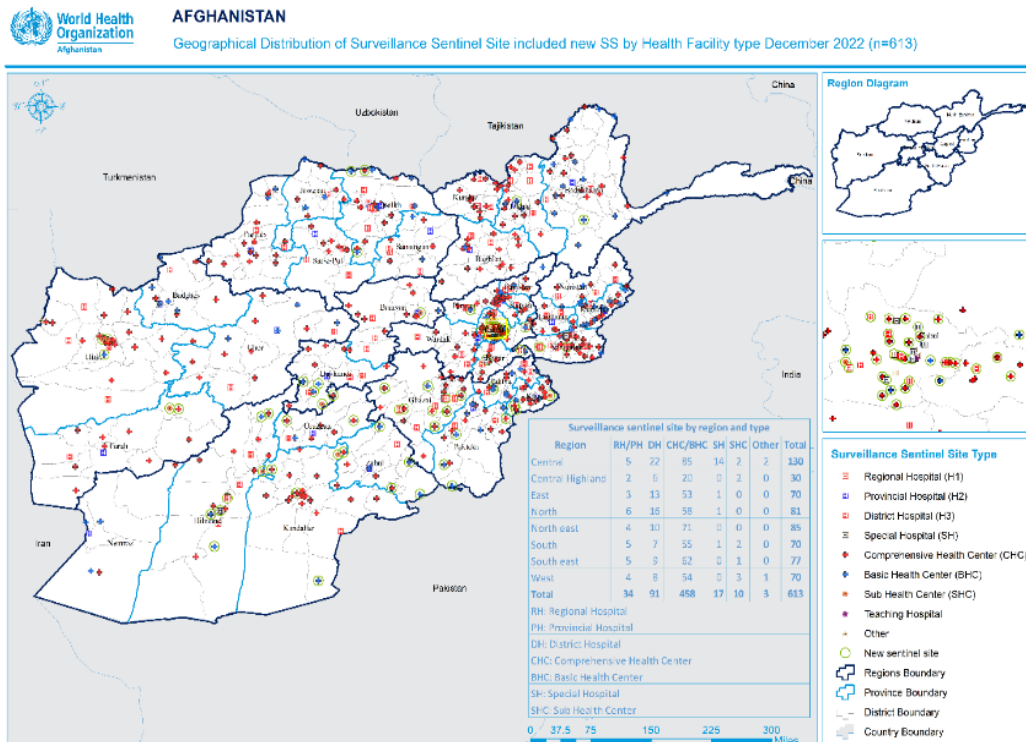


Table 1: Coverage of NDSR Surveillance System

| Type of Health Facility | RH | PH | DH | CHC | BHC | NH/ Special Hospital | SHC | Other | Total |
|-------------------------------------|----|----|----|-----|-----|----------------------|-------|-------|-------|
| Total Health Facilities (HF) | 8 | 27 | 91 | 437 | 900 | 36 | 1,106 | 2,093 | 4,698 |
| HF covered by NDSR-Plus | 8 | 26 | 90 | 348 | 111 | 17 | 10 | 3 | 613 |

Indicator - based Surveillance (IBS):

The indicator-based surveillance component of the NDSR, reports 17 priority conditions/infectious diseases from sentinel sites on weekly basis. The data is compared with previous weeks and the corresponding weeks of the previous three years, and the alert and epidemic thresholds are checked to see if disease incidence has crossed these levels and necessary action is initiated.

Figure 2: A

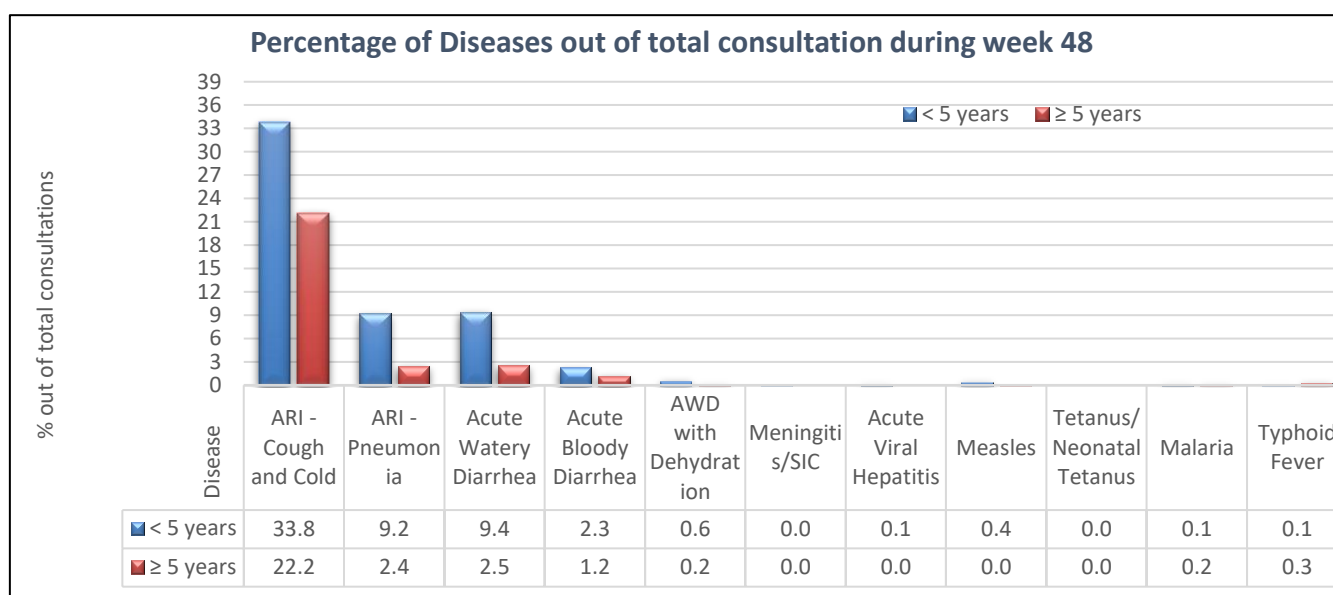
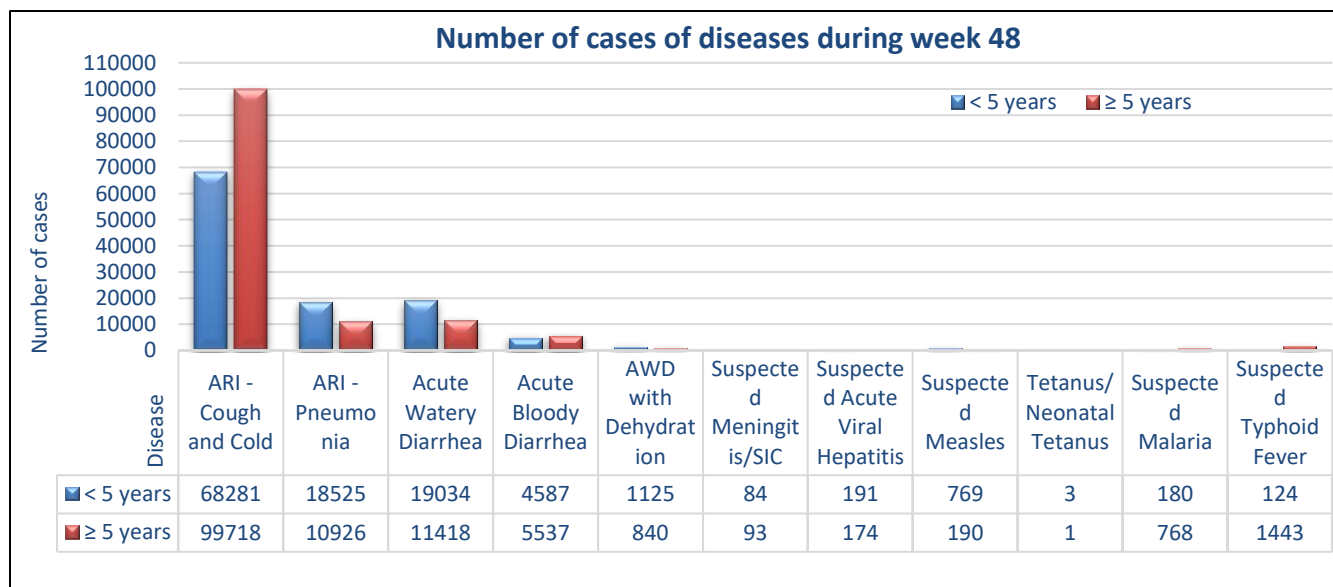


Figure 2: B



Seasonal Diseases:

Figure 3: A

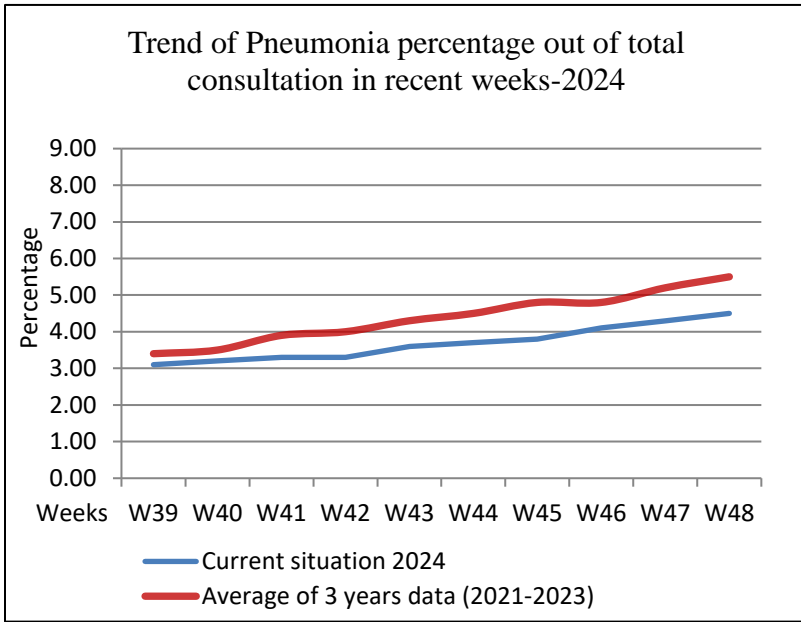


Figure 3: B

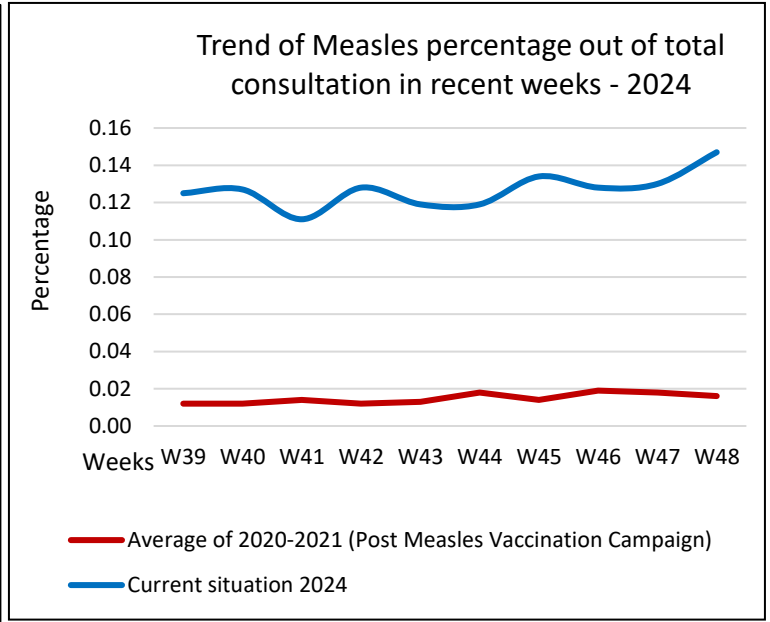


Figure 3: C

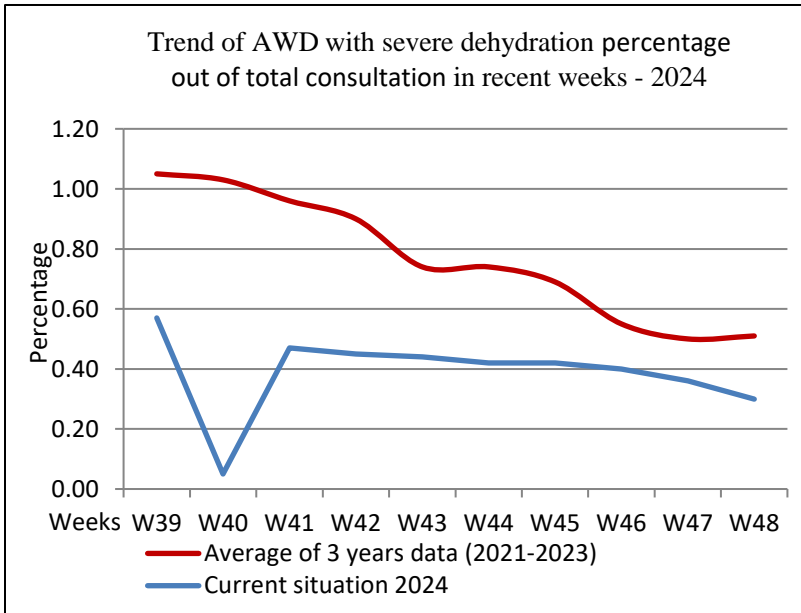


Figure 3: D

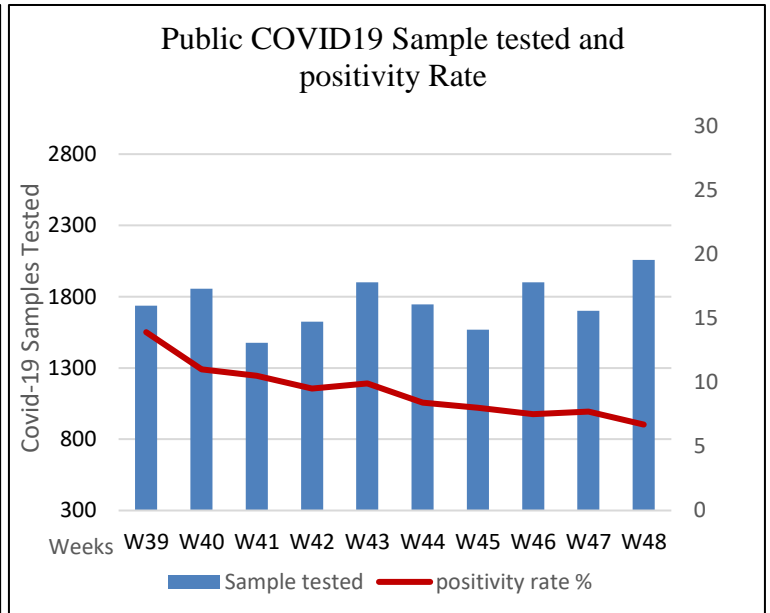


Table 3: Outbreaks in Week 48th 2024:

| AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week #48-2024 | | | | | | | | |
|---|---------------|-----------|--------------|--|-------------|--------------|------------------------------|--------------------------|
| Event / Diseases Name | Reported date | Province | District | Village | Total Cases | Total Deaths | Vaccination coverage, If VPD | |
| | | | | | | | Related HF reported coverage | Field Estimated Coverage |
| Clinical Scabies | 26/11/24 | Badghis | Qadis | Qadis Prison | 27 | 0 | NA | NA |
| | 23/11/24 | Bamyan | Center | Gozar3 Zargaran | 89 | 0 | NA | NA |
| | 25/11/24 | | Center | Surkhdar | 21 | 0 | NA | NA |
| | 26/11/24 | Ghazni | Center | Qalati | 15 | 0 | NA | NA |
| | 24/11/24 | Herat | Injil | Charbaq Firozeh | 23 | 0 | NA | NA |
| | 26/11/24 | Kabul | Deh Sabz | Mohammadia Religious School - Ada E Zoghal | 19 | 0 | NA | NA |
| | 24/11/24 | Khost | Tani | Hissarak | 20 | 0 | NA | NA |
| | 26/11/24 | Kunduz | Khan Abad | Madrasah Jamia Faroqia | 10 | 0 | NA | NA |
| | 26/11/24 | Logar | Baraki Barak | Alladakhil | 12 | 0 | NA | NA |
| | 27/11/24 | Nangarhar | Behsood | Hadiqatul Quran Madrasa Nehri Shahee | 19 | 0 | NA | NA |
| | 26/11/24 | | Khiwa | Sidia Madrasa | 11 | 0 | NA | NA |
| | 30/11/24 | Panjshir | Abshar | Sebaa | 10 | 0 | NA | NA |
| | 23/11/24 | Parwan | Bagram | Nayebkhail | 64 | 0 | NA | NA |
| | 25/11/24 | Takhar | Taloqan | Madrasa Mula Dawood Qabr-E- Qazi | 77 | 0 | NA | NA |
| | 24/11/24 | Wardak | Chak | Aliesha | 27 | 0 | NA | NA |
| Suspected Measles | 25/11/24 | Baghlan | Dooshi | Anarak | 6 | 0 | 80% | 50% |
| | 25/11/24 | Helmand | And Ali | Nari Mandi | 11 | 0 | 75% | 15% |
| | 26/11/24 | Kabul | 3 | Karte Sakhi | 6 | 0 | 76% | 45% |
| | 27/11/24 | | 1 | Shoor Bazar | 9 | 0 | 71% | 36% |
| | 25/11/24 | | Surobi | Kooz Gaz Ozbin | 13 | 0 | 79% | 13% |
| | 28/11/24 | Kunduz | Kunduz | Ludin-Soja Khil | 9 | 0 | 85% | 55% |
| | 29/11/24 | Urozgan | Tarin-Kot | Potti Qalacha | 14 | 0 | 60% | 55% |
| | 28/11/24 | | Tarin-Kot | Kotwall | 9 | 0 | 60% | 57% |
| | 28/11/24 | Wardak | Markaz | Shahr New | 11 | 0 | 75% | 70% |

| | | | | | | | | |
|-----------------------------|----------|----------|---------------|------------------|----|---|-----|-----|
| | 30/11/24 | | Said Abad | Sandawar | 6 | 0 | 75% | 70% |
| | 26/11/24 | | Chak | Gul Cheen | 13 | 0 | 65% | 50% |
| Clinical Chickenpox | 23/11/24 | Faryab | Chehlغازي | Taraki | 6 | 0 | NA | NA |
| | 23/11/24 | Ghazni | Center | Say Kalan | 8 | 0 | NA | NA |
| | 25/11/24 | Herat | City | Kocheh 7 Baraman | 13 | 0 | NA | NA |
| | 27/11/24 | Logar | Puli Alam | Honi Sufla | 30 | 0 | NA | NA |
| AWD with Dehydration | 25/11/24 | Helmand | Garamsir | Habibullah Kali | 1 | 0 | NA | NA |
| | 25/11/24 | Kandahar | Kandahar City | Ghundi Kali | 1 | 0 | NA | NA |
| Typhoid Fever | 25/11/24 | Herat | Injil | Charbaq Firozeh | 71 | 0 | NA | NA |

Figure 4: Clinical Scabies, Suspected Measles, Clinical Chickenpox, , AWD with Dehydration, Viral Hepatitis, Typhoid Fever, COVID-19 cases, and deaths during the week 47th 2024.

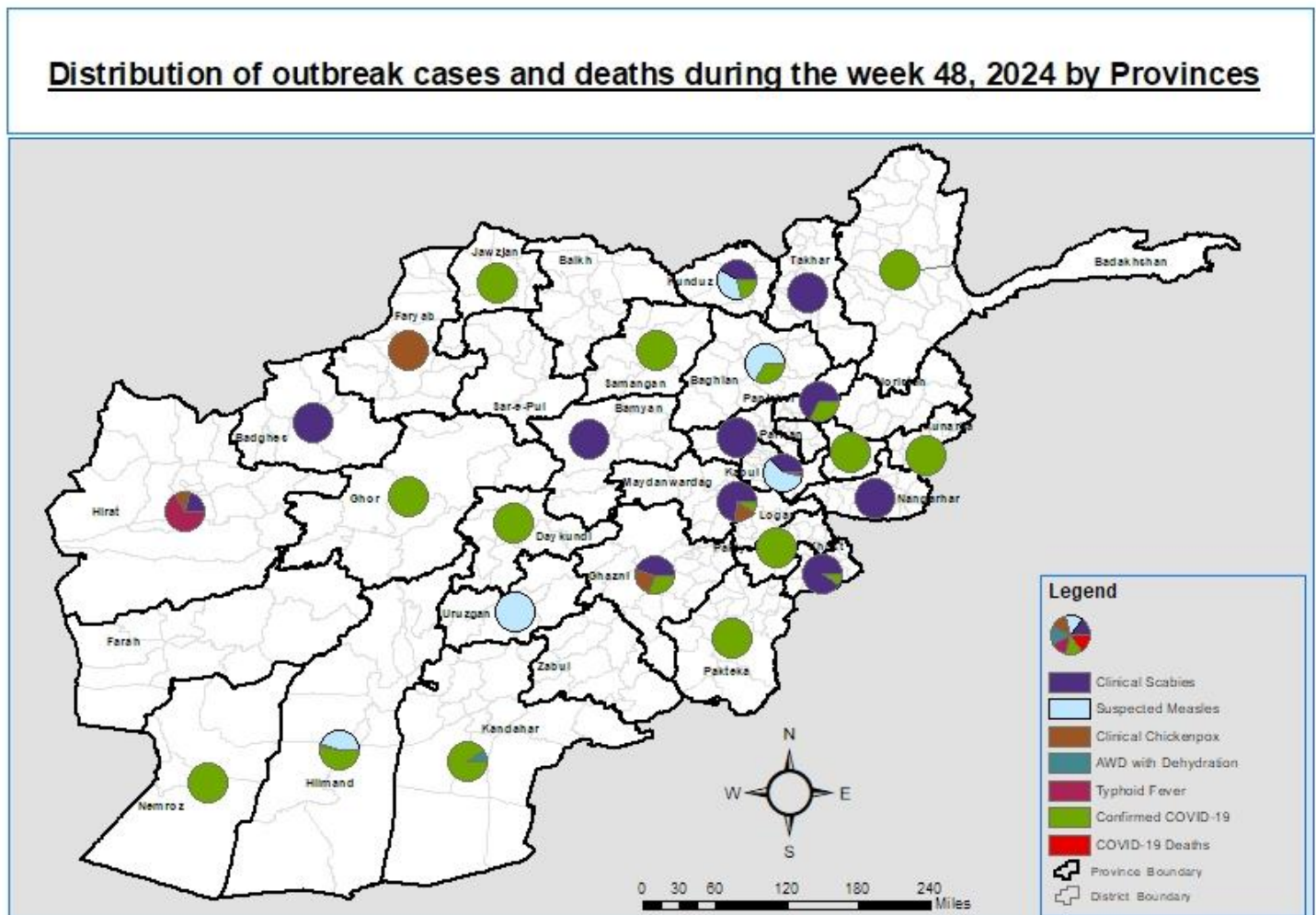


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 30 Nov 2024)

| Disease/Event | Disease/Event | Lab-Confirm | Total Cases | Total Deaths |
|-------------------------------------|---------------|-------------|--------------|--------------|
| Scabies | 448 | 0 | 17525 | 0 |
| Measles | 428 | 191 | 4895 | 39 |
| Suspected Chickenpox | 242 | 61 | 4020 | 0 |
| Dog bites/Suspected Rabies | 94 | 0 | 714 | 3 |
| Pertussis | 10 | 4 | 175 | 0 |
| Mumps | 17 | 0 | 245 | 0 |
| Impetigo | 16 | 0 | 360 | 0 |
| Leishmaniasis | 6 | 3 | 639 | 0 |
| Pink Eye | 5 | 0 | 59 | 0 |
| ARI/Pneumonia | 9 | 0 | 536 | 10 |
| Food Poisoning | 20 | 0 | 280 | 0 |
| Dengue Fever | 9 | 7 | 251 | 0 |
| Typhoid Fever | 8 | 1 | 231 | 0 |
| CCHF | 17 | 17 | 45 | 10 |
| ARI cough and cold | 1 | 0 | 55 | 0 |
| Neonatal Tetanus | 2 | 0 | 4 | 1 |
| COVID-19 | 5 | 5 | 220 | 4 |
| Anthrax | 9 | 0 | 12 | 0 |
| Acute Watery Diarrhea | 2 | 0 | 238 | 0 |
| Acute Watery Diarrhea + Dehydration | 54 | 48 | 534 | 6 |
| Confirmed Malaria | 28 | 28 | 2733 | 0 |
| Acute Bloody Diarrhea | 2 | 0 | 54 | 0 |
| Unknown Poisoning | 1 | 0 | 5 | 3 |
| Brucellosis | 1 | 0 | 14 | 0 |
| Clinical Botulism | 2 | 0 | 11 | 1 |
| Viral Hepatitis | 5 | 2 | 83 | 0 |
| Grand Total | 1441 | 367 | 33938 | 77 |

Laboratory surveillance:

A total of **3816** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **22** specimens were confirmed for Acute Viral Hepatitis, **89** specimens were confirmed for Measles and **36** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 48, 2024, we have received reports from all ten influenza sites (Kabul, Kandahar, Balkh, Herat, Bamyān, Baghlan, Nangarhar, Kapisa, Paktia, and Badakhshan) provinces. Out of all new hospital admissions, 1025 (15,1%) Severe Acute Respiratory Infections cases were reported, and 643 (62,7%) were under 5 years old. The proportion of SARI cases increased compared to the weeks 47-2024, 27 SARI-associated deaths were reported this week. At the 10 Influenza sentinel sites, the top sites with the highest proportion of SARI cases were Kabul (49%), Badakhshan (41%) and Bamyān (36,6%). During this week, our field staff collected 60 SARI and 40 ILI specimens, which were then shipped to the NIC in Kabul.

COVID-19 Surveillance activities:

This week, **2057** specimens were tested for the suspected COVID-19. Out of which **138** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 cases' positivity rate was 6.7% this week, which increased 1.0% compared to the previous week.
- Out of **138 confirmed** cases, **281** contacts out of **60** were traced that were mostly family members, with an average of 4 contacts per case, and will be continued until 14 days after their last contact with the confirmed cases. Also, surveillance screening teams screened all the passengers at the points of entry for fever. In addition, health education was conducted for them. About **10,413** passengers have been screened for COVID-19 at the two points of entry in (Kandahar and Nimroz) provinces.

Challenges and recommendations:

- Measles cases are still a public health concern in the country.
- Scabies cases are on increasing trend as a public health challenge due to unimproved lifestyle of the community.
- Chickenpox cases are on increasing trend, and it is recommended to provide its vaccine through the national EPI.
- Dog-bite cases are on increasing trend, and it is recommended to provide its control measure through the Zoonotic committee in national level.
- ARI cough and cold cases are on the increasing trend of 1.1% compared to the previous week.
- Diarrheal diseases cases are on the decreasing trend of 0.4% compared to the previous week.
- Pneumonia cases are on the increasing trend 0.2% compared to the previous week.
- COVID-19 preventive and control measures should be strengthened.
- Vaccine preventable diseases (especially Measles and Pertussis vaccination and preventive measures) should be strengthened.
- The measles response strategy should be reviewed to respond to the current measles epidemic situation.
 - **EPI:** As the surveillance system detected **1067 (IBS+EBS)** suspected Measles cases with **05 (IBS+EBS)** deaths at the national level, further prevention and control measures should be conducted by the EPI team.
- The findings should be analyzed further at different levels, and appropriate actions should be taken by the concerned department.