

Summary:

- Out of 613 functional Surveillance sentinel sites, 608 (99.2%) have submitted reports this week.
- A total of 676,765 new consultations, of which 271,971 (40.2%) were due to Surveillance targeted diseases. That included 144,200 (53%) males and 127,771 (47%) females. Also, 123,081 (45.3%) people under five years old and 148,890 (54.7%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (186,996 = 27.6% cases out of total new consultations), Acute Diarrheal Diseases (45,289 = 6.7%) cases out of total new consultations, and Pneumonia (34,056= 5% cases out of total new consultations).
- A total of 329 deaths were reported this week, of which 91 (27.7%) were due to surveillance-targeted diseases, which include 77 ARI Pneumonia deaths, 08 Suspected Meningitis/ Severely ill Child deaths, 02 COVID-19 deaths, 03 Acute Watery Diarrhea with Dehydration deaths. and 01 Suspected acute viral hepatitis death.
- In addition, during this week, 21 outbreaks were reported: 9 Clinical Scabies outbreaks were reported from, Kabul, Kapisa, Logar, Nangarhar, Paktika, Panjshir, Wardak and Zabul provinces, 07 Chickenpox outbreaks were reported from Bamyan, Kabul, Kunduz, Nimroz, Paktya and Panjshir provinces, 04 Measles outbreaks were reported from Badghis, Baghlan, Balkh and Ghazni Provinces, 01 Dog bites/ Suspected Rabies outbreak was reported form Urozgan Province.

Moreover, 267 COVID-19 confirmed cases and 343 suspected Measles cases were reported at the national level.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2023

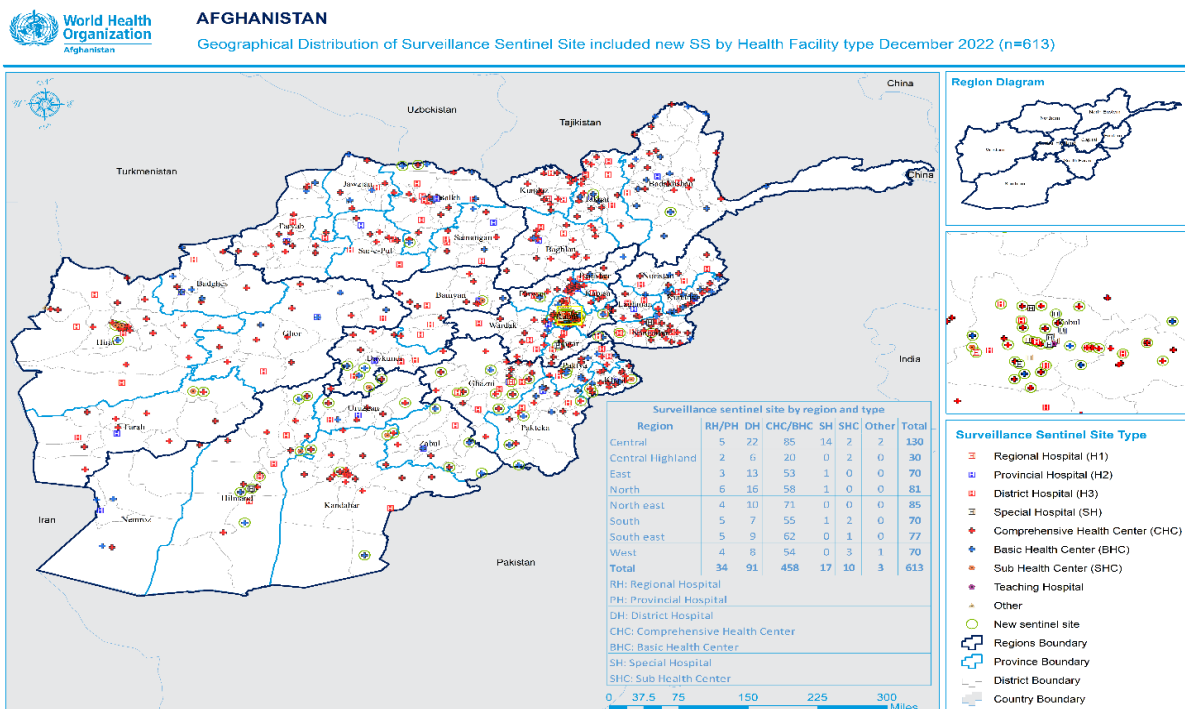


Table 1: Coverage of NDSR Surveillance System

| 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

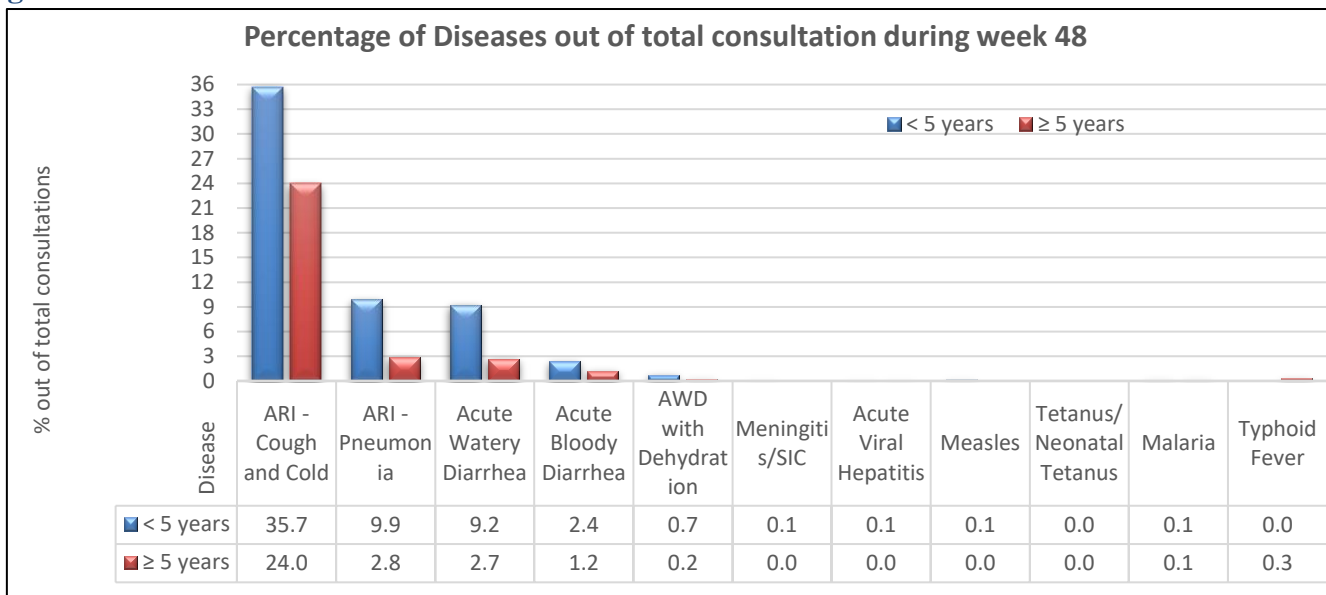
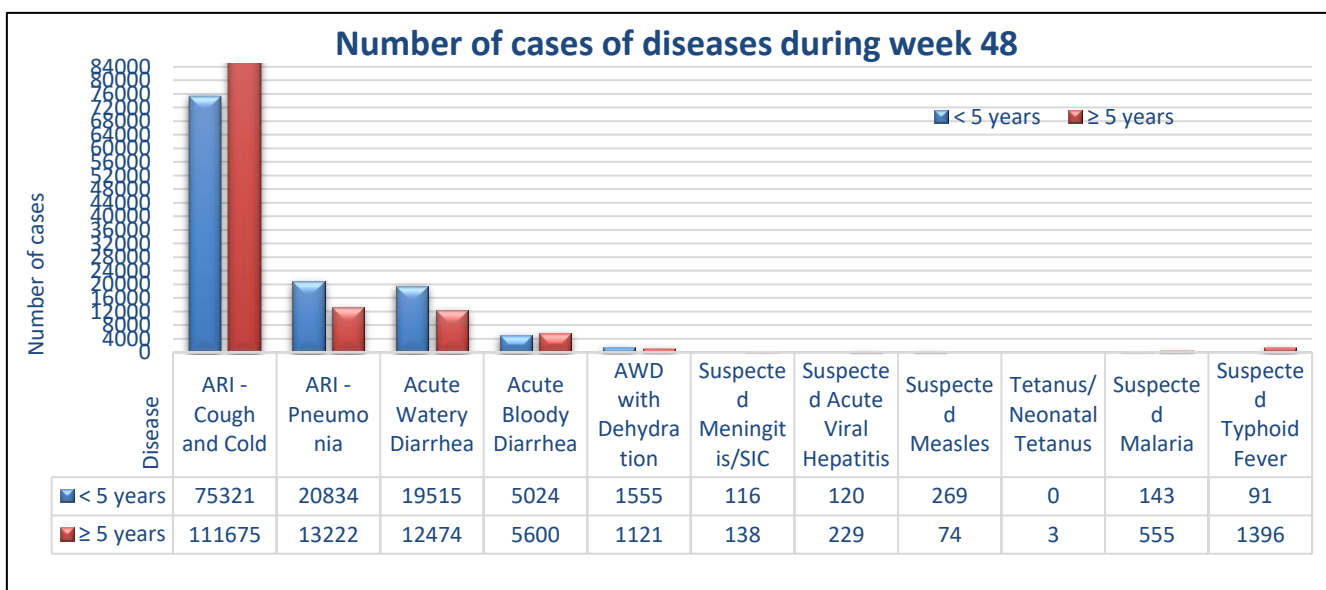


Figure 2: B



Seasonal Diseases:

Figure 3: A

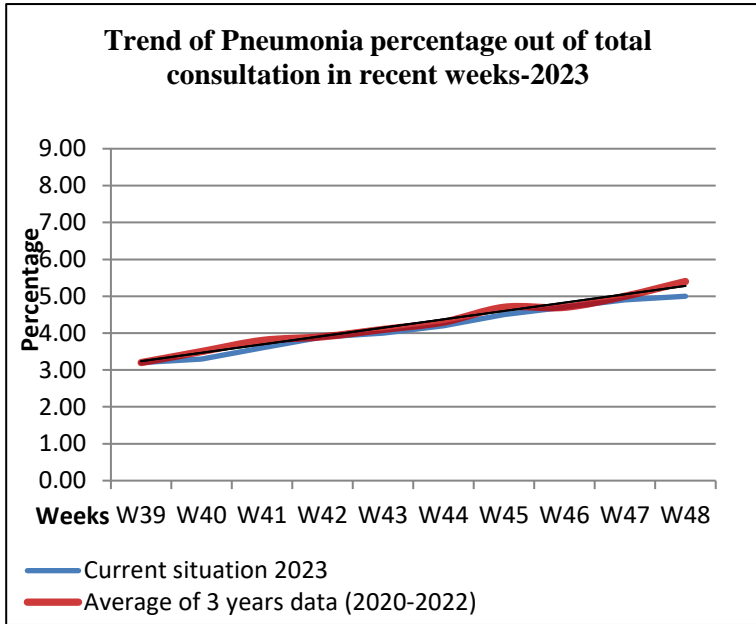


Figure 3: B

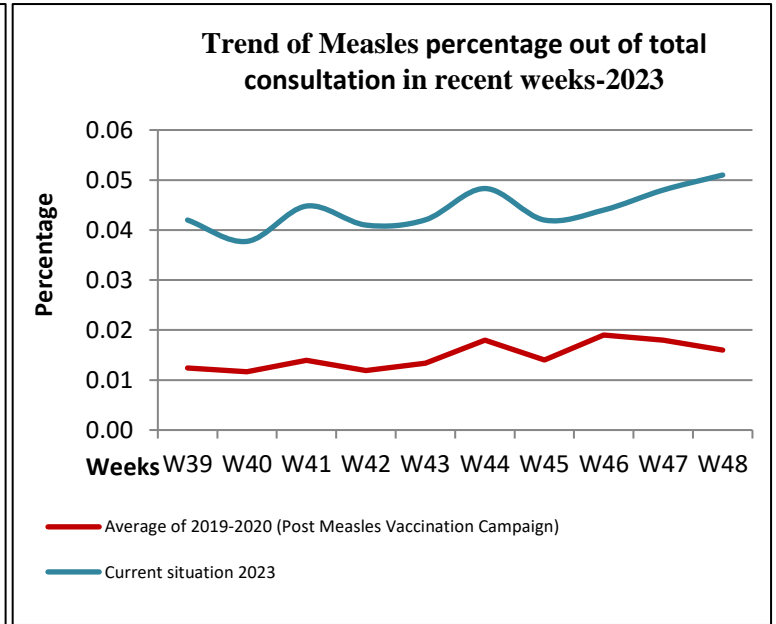


Figure 3: C

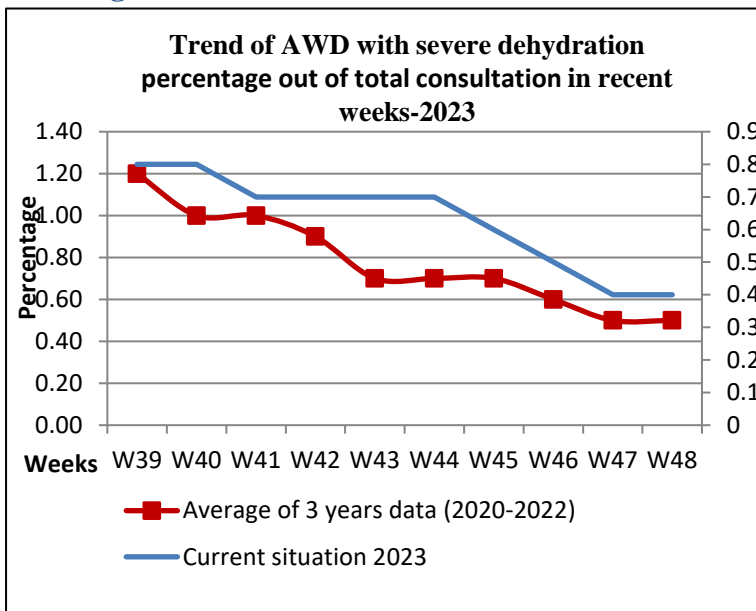


Figure 3: D

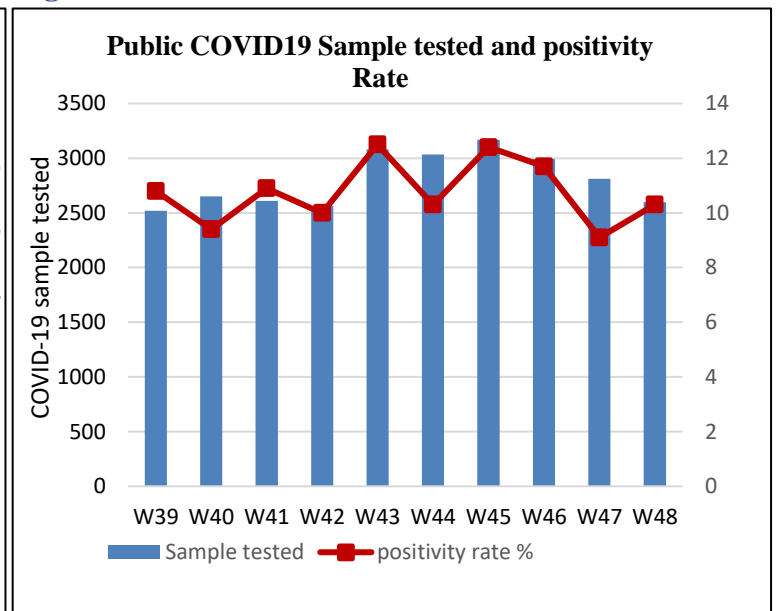


Table 3: Outbreaks in Week 48th 2023:

| Clinical Scabies outbreaks from Kabul, Kapisa, Logar, Nangarhar, Paktika, Panjshir, Wardak and Zabul provinces | | | | | | |
|---|-----------------|---------------------------------------|--|--------------------|---------------------|--|
| Reported dated | Province | District | Village | Total Cases | Total deaths | Recommendation |
| 26/11/2023 | Kabul | District 8, Deh Sabz, 9, 10, 10 And 8 | Sare Tapa Karte Naw, Bakhtyaran, Qala E Zaman Khan, Qala E Musa Ad Sarak 2 Karte Naw | 48 | 0 | During this week, 09 Clinical Scabies outbreaks were reported from Kabul, Kapisa, Logar, Nangarhar, Paktika, Panjshir, Wardak and Zabul provinces and case management was done. Health education sessions were conducted for all the cases. |
| 28/11/2023 | Kapisa | Center | Aroki Bala | 9 | 0 | |
| 28/11/2023 | Logar | M. Agha | Safid Sang | 5 | 0 | |
| 27/11/2023 | Nangarhar | Sorkhroad | Fatehabad | 41 | 0 | |
| 28/11/2023 | Paktika | Jani Khel | Zafar Khel | 15 | 0 | |
| 29/11/2023 | Panjshir | Hisa Awal | Shahkhak | 7 | 0 | |
| 30/11/2023 | | Shotul | Dekalan | 6 | 0 | |
| 29/11/2023 | Wardak | Said Abad | Akakhil Village | 25 | 0 | |
| 27/11/2023 | Zabul | Qalat | Prison Of Qalat | 16 | 0 | |

| Clinical Chickenpox outbreaks from Bamyan, Kabul, Kunduz, Nimroz, Paktya and Panjshir provinces | | | | | | |
|--|-----------------|-------------------|----------------|--------------------|---------------------|--|
| Reported Dated | Province | District | Village | Total Cases | Total Deaths | Recommendation/Action take |
| 25/11/2023 | Bamayn | Shebar | Jalmish | 58 | 0 | During this week, 07 Clinical Chickenpox outbreaks were reported from Bamyan, Kabul, Kunduz, Nimroz, Paktya and Panjshir provinces, and case management was done, health education sessions were conducted for all the cases. |
| 31/11/2023 | Kabul | District 13 | Deh Qaabel | 6 | 0 | |
| 26-11-23 | Kunduz | Hazrat Imam Sahib | Mola Afghan | 12 | 0 | |
| 02/12/2023 | Nimroz | Dilaram | Haji Qayom | 10 | 0 | |
| 28/11/2023 | Paktya | Gardez | Haleem | 7 | 0 | |
| 28/11/2023 | Panjshir | Hisa Awal | Ghonjo | 7 | 0 | |
| 02/12/2023 | | Center | Nawalige | 6 | 0 | |

| Measles outbreaks from Badghis, Baghlan, Balkh and Ghazni provinces | | | | | | |
|---|----------|-------------------|--------------|-------------|--------------|--|
| Reported Dated | Province | District | Village | Total Cases | Total Deaths | Recommendation/Action take |
| 25/11/2023 | Badghis | Ab Kamari | Mobarak Shah | 6 | 0 | During this week, 04 Measles outbreaks were reported from Badghis, Baghlan, Balkh and Ghazni provinces, case management was done, health education sessions were conducted for all the cases. |
| 30/11/2023 | Baghlan | Baghlan -E- Jadid | Noorzai | 6 | 1 | |
| 25/11/2023 | Balkh | Mazari Sharif | Dashti Shor | 9 | 0 | |
| 12/01/2023 | Ghazni | Andar | Dabaly | 12 | 0 | |

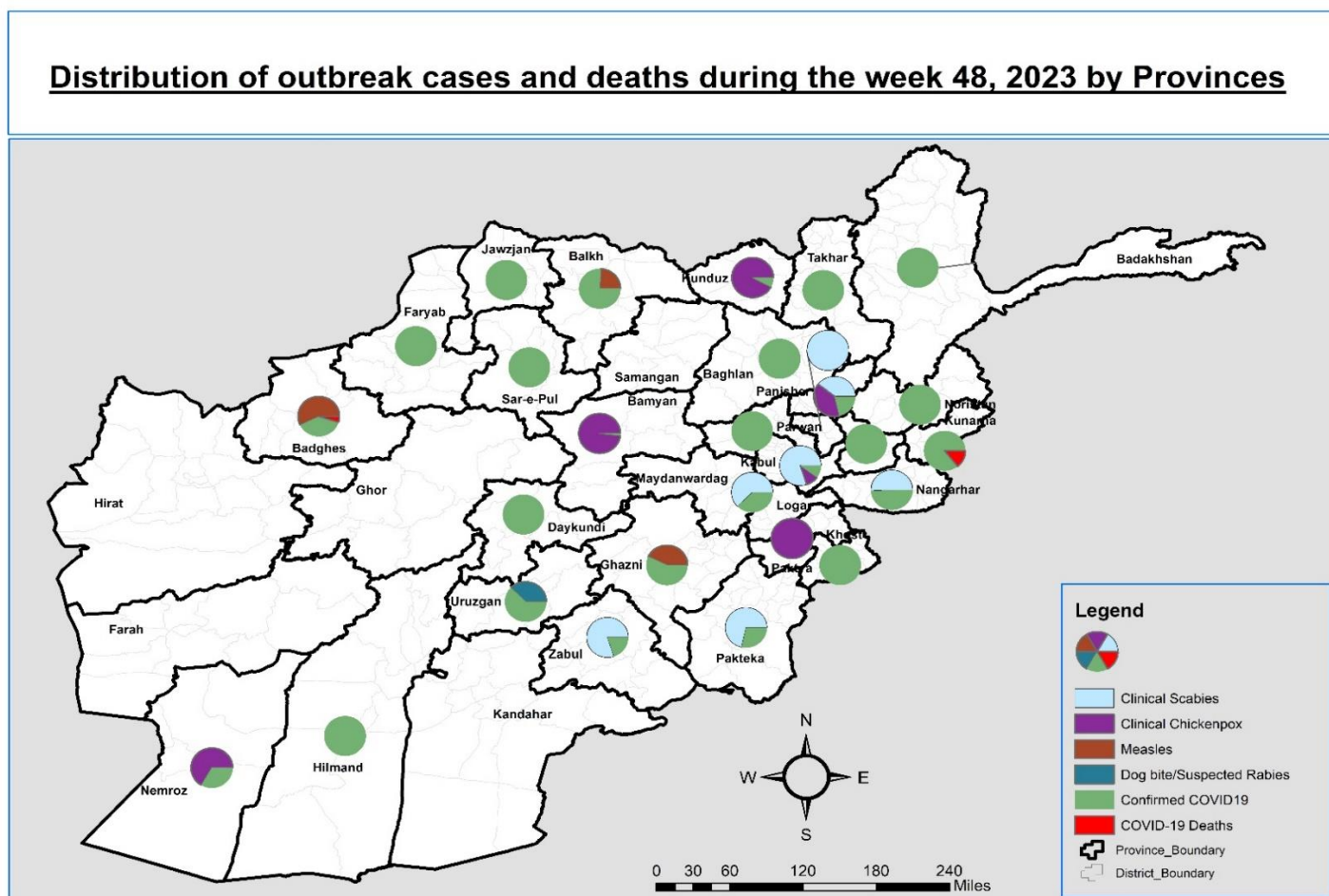
| Dog bite/suspected Rabies outbreak from Urozgan province | | | | | | |
|--|----------|-----------|------------|-------------|--------------|---|
| Reported dated | Province | District | Village | Total Cases | Total deaths | Recommendation |
| 27/11/2023 | Urozgan | Tarin-Kot | Safid Khar | 6 | 0 | During this week, 01 Dog bite/suspected Rabies outbreak was reported from Urozgan province and case management was done. Health education session was conducted for all the cases. |

Table 4: Updated outbreak reports during 2023 (01 Jan 2023 to 02 December 2023)

| Disease/Event | Disease/Event | Lab Confirm | Total Cases | Total Deaths |
|----------------------------|---------------|-------------|-------------|--------------|
| Measles | 194 | 120 | 2386 | 12 |
| Suspected Chickenpox | 210 | 6 | 3023 | 0 |
| Scabies | 204 | 0 | 7166 | 0 |
| Mumps | 56 | 0 | 895 | 0 |
| Dog bites/Suspected Rabies | 74 | 0 | 564 | 2 |
| Pertussis | 57 | 0 | 954 | 1 |
| Pneumonia | 28 | 1 | 1135 | 24 |
| Malaria | 41 | 41 | 3139 | 0 |
| Leishmaniasis | 18 | 2 | 1113 | 0 |
| CCHF | 24 | 24 | 149 | 13 |
| Food poisoning | 21 | 0 | 670 | 0 |
| Anthrax | 14 | 0 | 37 | 1 |
| Unknown Poisoning | 10 | 0 | 450 | 3 |
| Typhoid Fever | 3 | 1 | 105 | 3 |
| Acute Bloody diarrhea | 2 | 0 | 124 | 0 |
| ARI | 3 | 0 | 152 | 2 |

| | | | | |
|-------------------------------------|------|-----|-------|----|
| COVID 19 | 4 | 4 | 287 | 0 |
| Acute watery Diarrhea (Dehydration) | 57 | 54 | 284 | 2 |
| Tinea Capitis | 2 | 0 | 21 | 0 |
| Skin diseases | 3 | 0 | 571 | 0 |
| Tetanus | 1 | 0 | 3 | 0 |
| Acute Viral Hepatitis | 3 | 1 | 34 | 0 |
| Dengue fever | 1 | 0 | 2 | 1 |
| Cat bites/Suspected Rabies | 1 | 0 | 5 | 0 |
| Cattle bites/Suspected Rabies | 2 | 0 | 9 | 0 |
| Suspected Botulism | 3 | 0 | 10 | 5 |
| Suspected Black Fungus | 1 | 0 | 1 | 1 |
| Vaccine reaction | 1 | 0 | 4 | 0 |
| Jaundice syndrome | 1 | 0 | 33 | 0 |
| Pink eye (Viral conjunctivitis) | 4 | 0 | 46 | 0 |
| Head Lice outbreak | 1 | 0 | 281 | 0 |
| Grand Total | 1044 | 254 | 23653 | 70 |

Figure 4 Clinical Scabies, Clinical Chickenpox, Measles, Dog bite/Suspected Rabies, COVID-19 Cases, and deaths during the week 48th 2023.



Laboratory surveillance:

A total of **4055** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **20** specimens were confirmed for **Dengue Fever**. **10** specimens were confirmed for Malaria, **02** specimens were confirmed for **Cholera**, **01** specimens were confirmed for **Acute Influenza cases**, **24** specimens were confirmed for **Measles**, **13** specimens were confirmed for Acute Viral Hepatitis and **01** specimen was confirmed for CCHF (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 48th 2023, we have received reports from 10 out of 10 sentinel sites (Kabul, Kandahar, Balkh, Herat, Bamyān, Baghlan, Nangarhar, Kapisa, Paktya and Badakhshan). Out of all new hospital admissions, 590 (12.3%) Severe Acute Respiratory Infections cases were reported and 55% were under 5 years old. The proportion of SARI cases was decreased compared to week 47th 2023. 27 SARI-associated deaths were reported this week. At the 10 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamyān (28.7%), Kapisa (26.1%), and Kabul (22%) provinces. During this Epi-week, our field staff shipped 60 SARI and 41 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **2599** specimens were tested for suspected COVID-19. Out of which **267** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 10.3 % this week, which increased 1.2% compared to the previous week.
- Out of **267 confirmed** cases, **767** contacts out of **188** 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 **28,458** passengers have been screened for COVID-19 at the points of entry in four provinces (Balkh, Herat, Kandahar and Nangarhar).

Challenges:

- Measles cases are still a public health concern in the country. This week, **376 (IBS+EBS)** Measles cases were reported to the surveillance system.
- 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 (0.2%) compared to the previous week.
- Pneumonia cases are on the increasing trend (0.1%) compared to the previous week.
- Diarrheal diseases are on the decreasing trend (0.3%) compared to the previous week.
- CCHF preventive and control measures should be strengthened.
- COVID-19 preventive and control measures should be strengthened.
- Public awareness regarding ARI prevention and control is needed.

- 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 **376 (IBS+EBS)** suspected Measles cases 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.