

Summary:

- Out of 613 functional Surveillance sentinel sites, 610 (99.5%) have submitted reports this week.
- A total of 673,414 new consultations, of which 271,224 (40.3%) were due to Surveillance targeted diseases. That included 143,796 (53%) males and 127,428 (47%) females. Also, 122,433 (45.1%) people under five years old and 148,791 (54.9%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (187,834 = 27.9% cases out of total new consultations), Acute Diarrheal Diseases (42,631 = 6.3%) cases out of total new consultations, and Pneumonia (34,698= 5.2% cases out of total new consultations).
- A total of 348 deaths were reported this week, of which 76 (21.8%) were due to surveillance-targeted diseases, which include 59 ARI Pneumonia deaths, 04 Suspected Meningitis/ Severely ill Child deaths, 5 Acute Watery Diarrhea with Dehydration deaths, 07 Suspected acute viral hepatitis deaths and 01 Neonatal Tetanus death.
- In addition, during this week, 28 outbreaks were reported: 8 Clinical Scabies outbreaks were reported from, Ghazni, Kapisa, Laghman, Nimroz Panjshir and Samangan provinces, 08 Chickenpox outbreaks were reported from Bamyán, Logar, Nangarhar, Panjshir, Parwan and Samangan provinces, 06 Dog bite/suspected Rabies outbreaks were reported from Badghis, Kabul, Kapisa, Samangan, Urozgan and Wardak Provinces, 01 ARI cough and Cold outbreak was reported from Herat Province, 02 AWD with Dehydration outbreaks were reported from Kandahar and Nangarhar provinces, 01 Measles outbreak was reported from Farah province, 01 Pertussis outbreak was reported from Kapisa province and 01 Typhoid Fever outbreak was reported from Helmand province.

Moreover, 323 COVID-19 confirmed cases and 345 suspected Measles cases were reported at the national level.

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

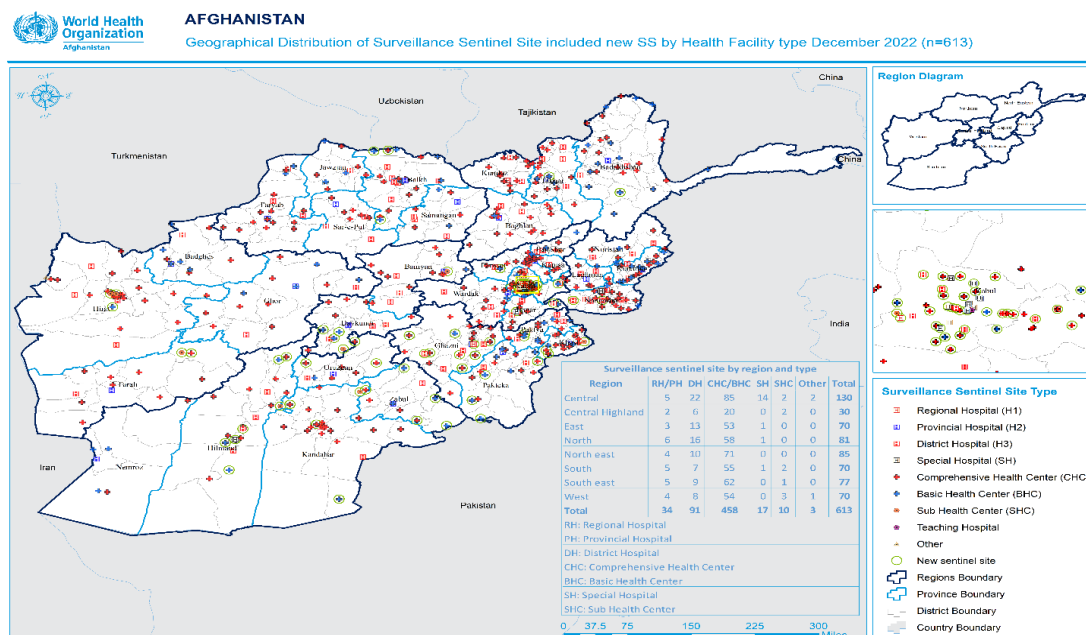


Table 1: Coverage of NDSR Surveillance System

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

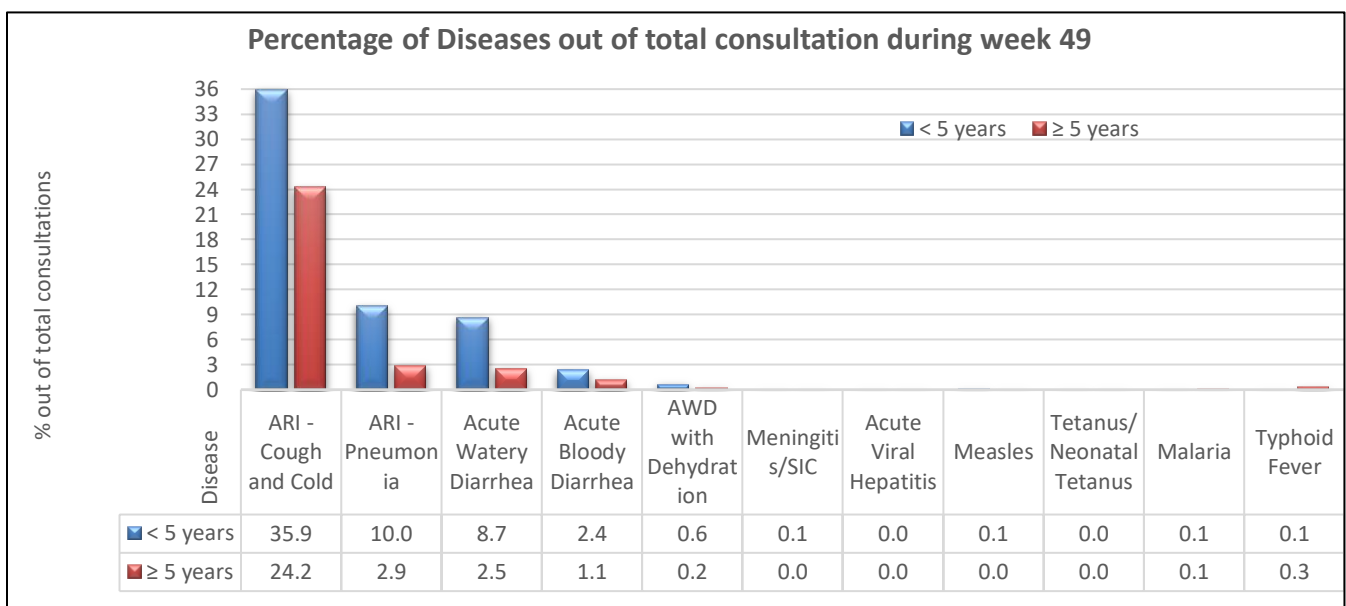
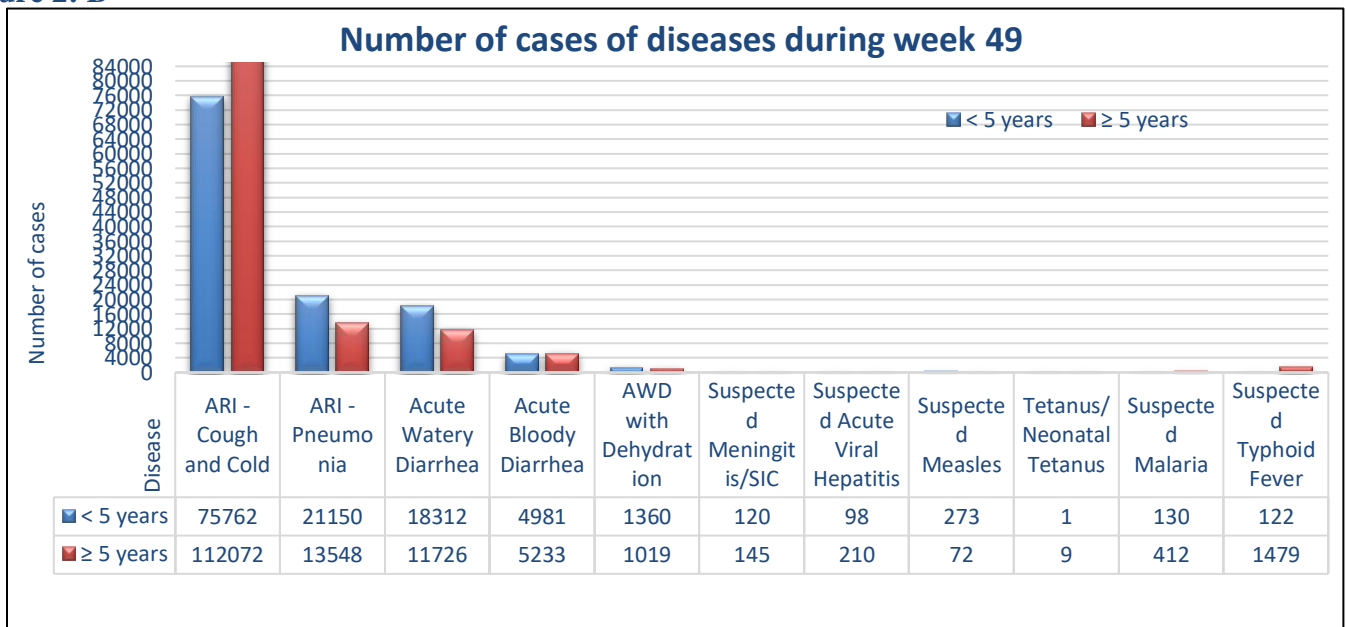


Figure 2: B



Seasonal Diseases:

Figure 3: A

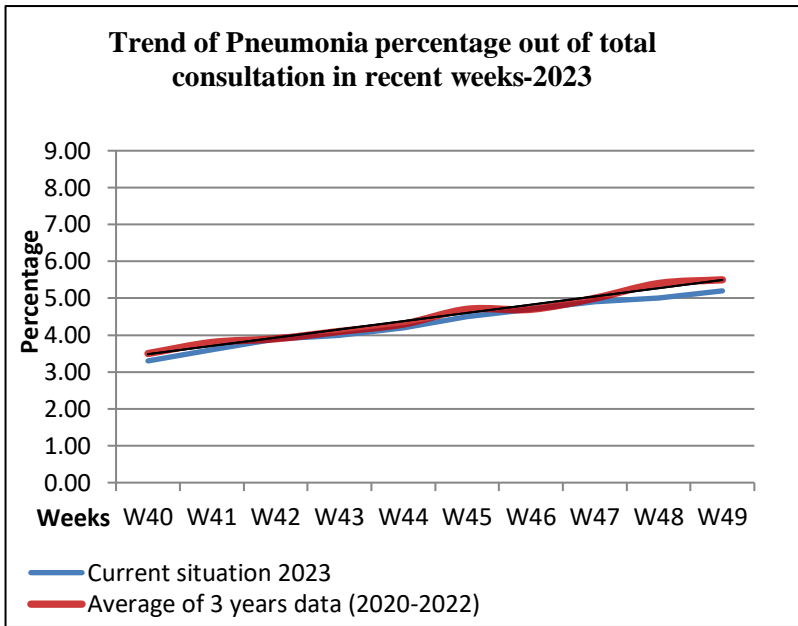


Figure 3: B

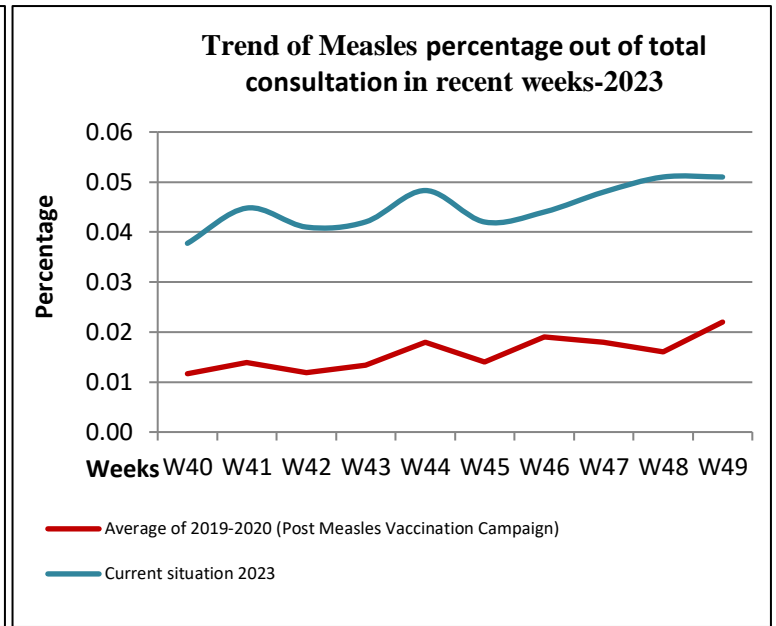


Figure 3: C

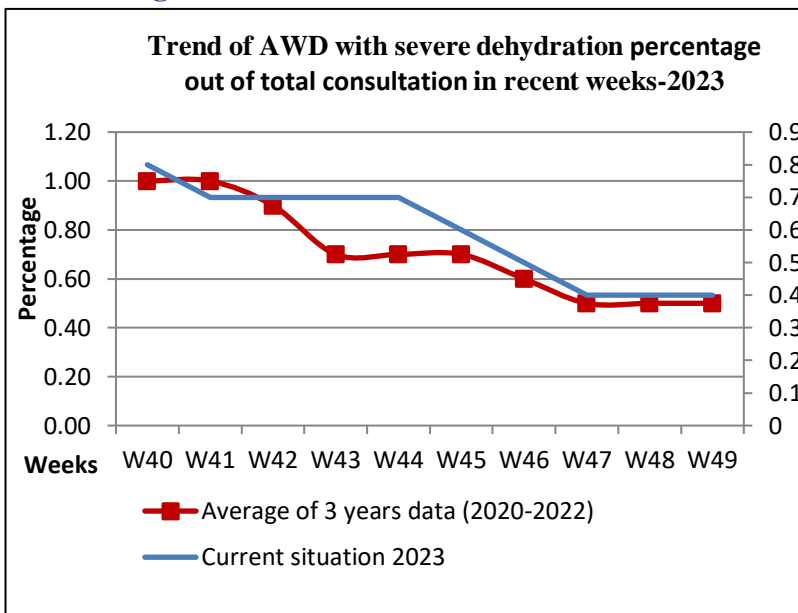


Figure 3: D

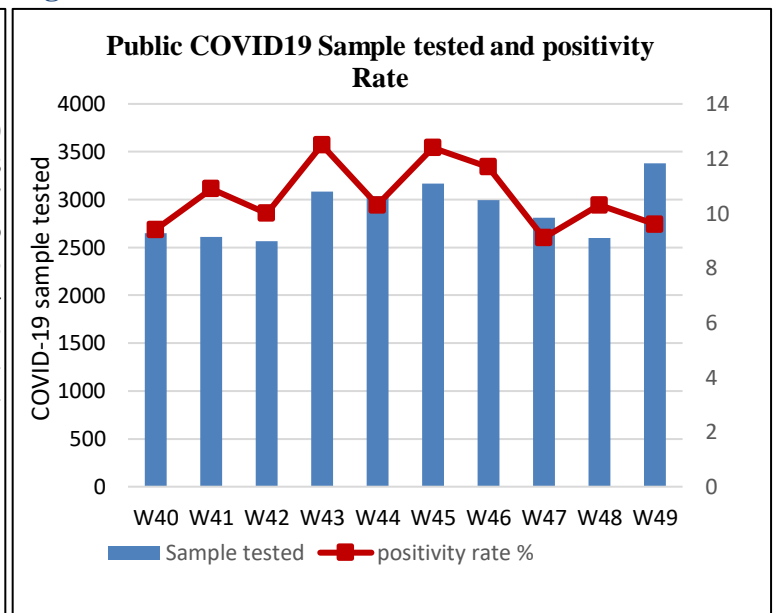


Table 3: Outbreaks in Week 49th 2023:

Clinical Scabies outbreaks from Ghazni, Kapisa, Laghman, Nimroz, Panjshir and Samangan provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
04/12/2023	Ghazni	Center	Ghazni Prison	43	0	During this week, 08 Clinical Scabies outbreaks were reported from Ghazni, Kapisa, Laghman, Nimroz, Panjshir and Samangan provinces and case management was done. Health education sessions were conducted for all the cases.
03/12/2023	Kapisa	Nijrab	Madrasa-E-Jahdi	14	0	
06/12/2023		Center	Rahman Khail	11	0	
08/12/2023	Laghman	Mehterlam	Alikhil Female Primary School	113	0	
09/12/2023	Nimroz	Zarang	Islam Abad	8	0	
04/12/2023	Panjshir	Paryan	Deparyan	10	0	
05/12/2023		Paryan	Barka	7	0	
04/12/2023	Samangan	Roy Doab	Khawaja Zahed	10	0	

Clinical Chickenpox outbreaks from Bamyán, Logar, Nangarhar, Panjshir, Parwan and Samangan provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
5/12/2023	Bamyán	Yakawlang1	Varzaq Village	20	0	During this week, 08 Clinical Chickenpox outbreaks were reported from Bamyán, Logar, Nangarhar, Panjshir, Parwan and Samangan provinces, and case management was done, health education sessions were conducted for all the cases.
03/12/2023	Logar	Puli Alam	Omer Abad	8	0	
05/12/2023		Puli Alam	Qalai Shahi	8	0	
03/12/2023	Nangarhar	Dour Baba	Sragata	49	0	
03/12/2023	Panjshir	Center	Tulkha	7	0	
09/12/2023		Rukha	Bakhshekhil	6	0	
06/12/2023	Parwan	Jabelseraj	Qala-E-Sahra	14	0	
03/12/2023	Samangan	Roy Doab	Khawaja Zahed	26	0	

Dog bite/suspected Rabies outbreaks from Badghis, Kabul, Kapisa, Samangan, Urozgan and Wardak provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
03/12/2023	Badghis	Qala Now	Bagha Lar	9	0	During this week, 06 Dog bite/suspected Rabies outbreaks were reported from Badghis, Kabul, Kapisa, Samangan, Urozgan and Wardak provinces and case management was done. Health education sessions were conducted for all the cases.
02/12/2023	Kabul	Sub-District 9	Banaee	4	0	
05/12/2023	Kapisa	Nijrab	Sha Khail	6	0	
03/12/2023	Samangan	Aybak	Manqotan	8	0	
04/12/2023	Urozgan	Tarinkot	Balosi Village	8	0	
05/12/2023	Wardak	Said Abad	Azizullahkhil Village	5	0	

ARI Cough and Cough outbreaks from Herat and Paktika provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
03/12/2023	Herat	Guzara	Karez menchi	60	0	During this week, 01 ARI Cough and Cold outbreak was reported from Herat province, case management was done, health education sessions was conducted for all the cases.

AWD with Dehydration outbreaks from Kandahar and Nangarhar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
05/12/2023	Kandahar	Boldak	Ghazi Abdullah Camps	1	0	During this week, 02 AWD with Dehydration outbreaks were reported from Kandahar and Nangarhar Provinces, case management was done, health education sessions were conducted for all the cases.
05/12/2023	Nangarhar	Behsood	Azimabad Tangi	1	0	

Measles outbreak from Farah province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
06/12/2023	Farah	Farahrood	Tappa And Todanak	12	0	During this week, 01 Measles outbreak was reported from Farah province, case management was done, health education session was conducted for all the cases.

Pertussis outbreak from Kapisa province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
05/12/2023	Kapisa	Nijrab	Ghani Khail	5	0	During this week, 01 Pertussis outbreak was reported from Kapisa province, case management was done, health education session was conducted for all the cases.

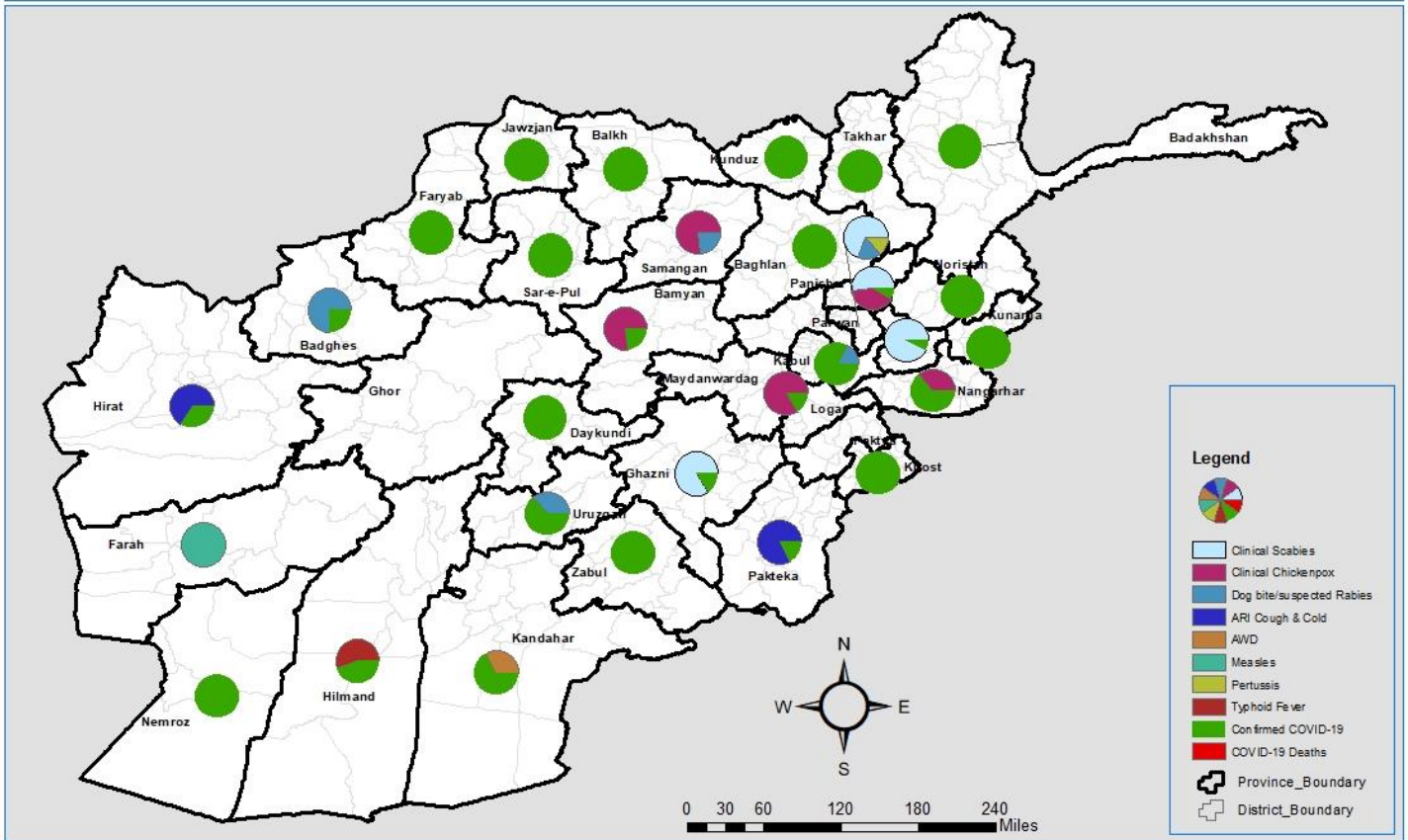
Typhoid Fever outbreak from Helmand province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
04/12/2023	Helmand	Lashkarga City	Mahajarin	20	0	During this week, 01 Typhoid Fever outbreak was reported from Helmand province, case management was done, health education session was conducted for all the cases.

Table 4: Updated outbreak reports during 2023 (01 Jan 2023 to 09 December 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	195	120	2398	12
Suspected Chickenpox	218	6	3161	0
Scabies	212	0	7382	0
Mumps	56	0	895	0
Dog bites/Suspected Rabies	80	0	604	2
Pertussis	58	0	959	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	4	1	125	3
Acute Bloody diarrhea	2	0	124	0
ARI	4	0	212	2
COVID 19	4	4	287	0
Acute watery Diarrhea (Dehydration)	59	56	286	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	1072	256	24146	70

Figure 4 Clinical Scabies, Clinical Chickenpox, Dog bite/Suspected Rabies, ARI Cough & Cold, AWD, Measles, Pertussis, Typhoid Fever COVID-19 Cases, and deaths during the week 49th 2023.

Distribution of outbreak cases and deaths during the week 49, 2023 by Provinces



Laboratory surveillance:

A total of **4832** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **20** specimens were confirmed for **Dengue Fever**, **19** specimens were confirmed for Malaria, **04** specimens were confirmed for **AWD**, **01** specimens were confirmed for **Acute Influenza cases**, **11** specimens were confirmed for **Measles**, **10** specimens were confirmed for Acute Viral Hepatitis and **03** specimens were confirmed for Chickenpox (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 49th 2023, we have received reports from 10 out of 10 sentinel sites (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, Paktya and Badakhshan). Out of all new hospital admissions, 691 (14.3%) Severe Acute Respiratory Infections cases were reported and 55% were under 5 years old. The proportion of SARI cases was increased compared to week 48th 2023. 22 SARI-associated deaths were reported this week. At the 10 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamyan (28.2%), Kapisa (28.2%), and Kabul (27%) provinces. During this Epi-week, our field staff shipped 60 SARI and 40 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **3378** specimens were tested for suspected COVID-19. Out of which **323** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 9.6% this week, which decreased 0.7% compared to the previous week.
- Out of **323 confirmed** cases, **776** contacts out of **224** 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 **23,652** 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, **357 (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 (0.3%) compared to the previous week.
- Pneumonia cases are on the increasing trend (0.2%) compared to the previous week.
- Diarrheal diseases are on the decreasing trend (0.4%) 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 **357 (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.