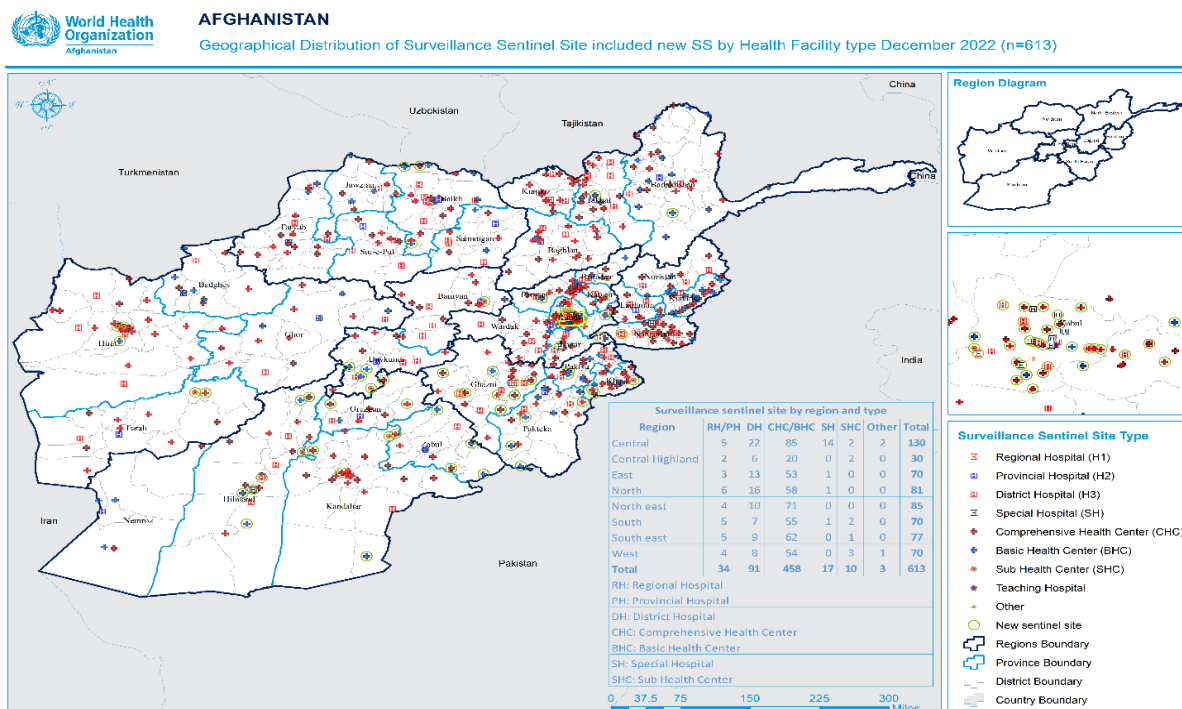


Summary:

- Out of 613 functional Surveillance sentinel sites, 609 (99.3%) have submitted reports this week.
- A total of 665,909 new consultations, of which 268,034 (40.3%) were due to Surveillance targeted diseases. That included 141,673 (52.9) males and 126,361 (47.1%) females. Also, 121,992 (45.5%) people under five years old and 146,042 (54.5%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (182,384 = 27.4% cases out of total new consultations), Acute Diarrheal Diseases (47,141 = 7.1%) cases out of total new consultations, and Pneumonia (32,434= 4.9% cases out of total new consultations).
- A total of 332 deaths were reported this week, of which 70 (21.1%) were due to surveillance-targeted diseases, which include 51 ARI Pneumonia deaths, 11 Suspected Meningitis/ Severely ill Child deaths, 02 COVID-19 deaths, 04 Suspected acute viral hepatitis deaths and 02 Acute Watery Diarrhea with Dehydration deaths.
- In addition, during this week, 23 outbreaks were reported: 09 Chickenpox outbreaks were reported from Kapisa, Kabul, Logar, Panjshir, Parwan, Takhar and Urozgan Provinces, 08 Clinical Scabies outbreaks were reported from, Kapisa, Kabul, Kunar, Kunduz and Takhar provinces, 02 Dog bites/ Suspected Rabies outbreaks were reported from Kabul and Kapisa Provinces, 01 AWD outbreak was reported from Kandahar Province, 01 Pertussis outbreak was reported from Paktya province, 01 Leishmaniasis outbreak was reported from Badghis province and 01 Head lice outbreak was reported from Herat Province.

Moreover, 255 COVID-19 confirmed cases and 320 suspected Measles cases were reported at the national level.

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



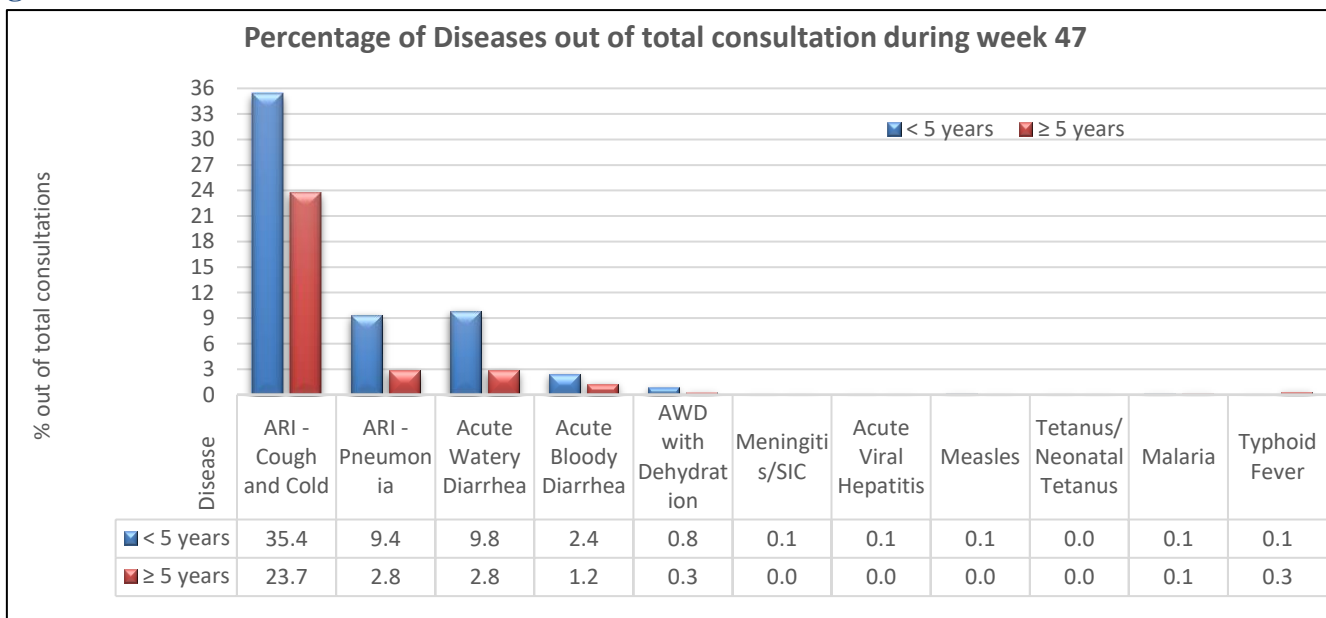
**Table 1: Coverage of NDSR Surveillance System**

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

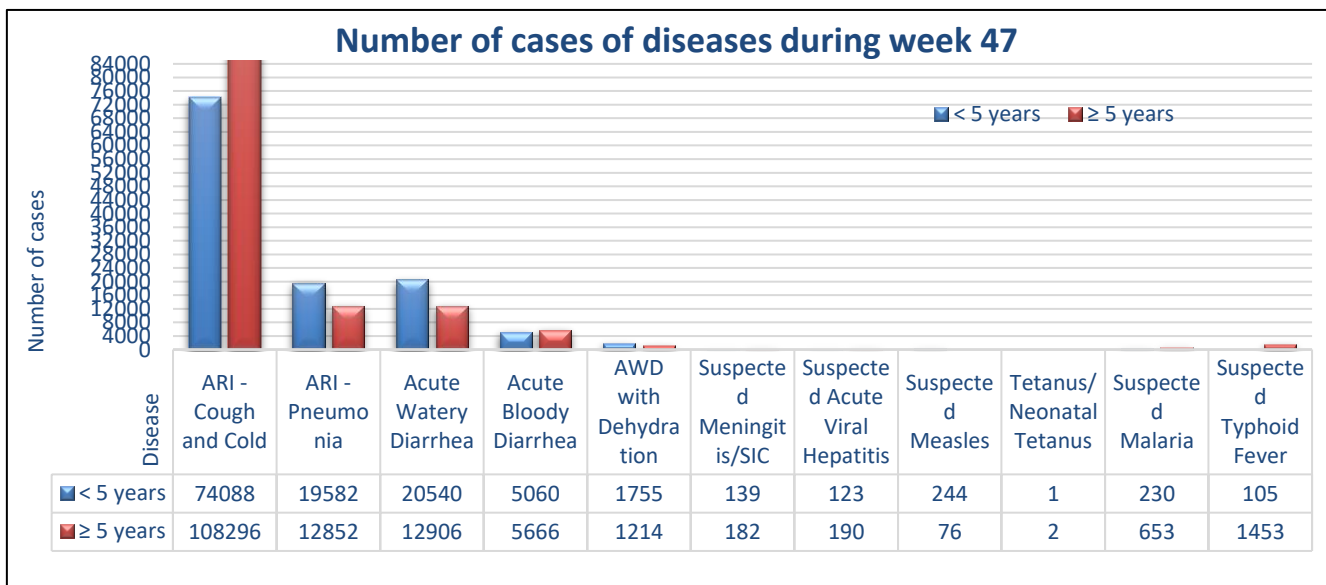
**Indicator - based Surveillance (IBS):**

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

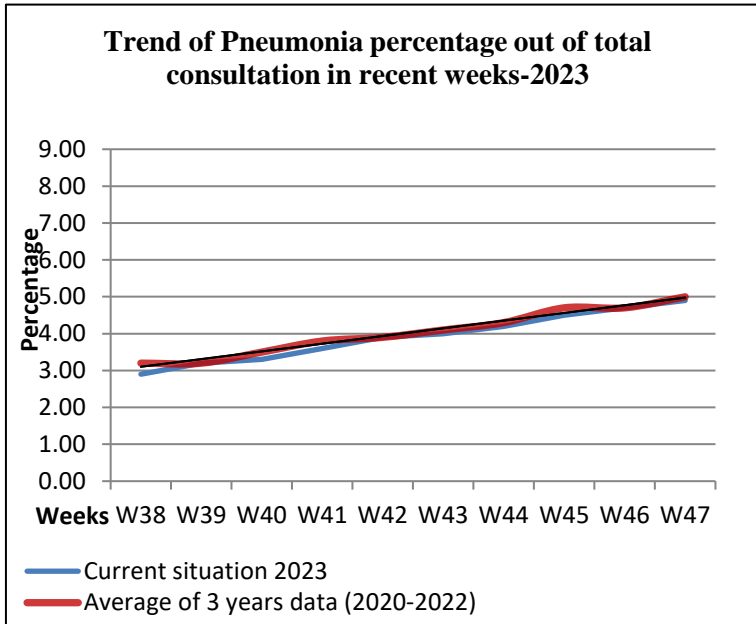


Figure 3: B

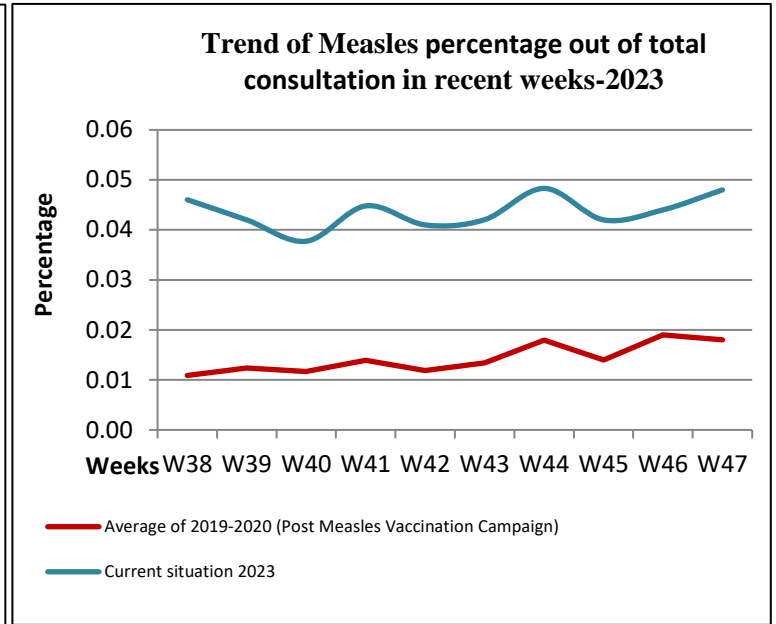


Figure 3: C

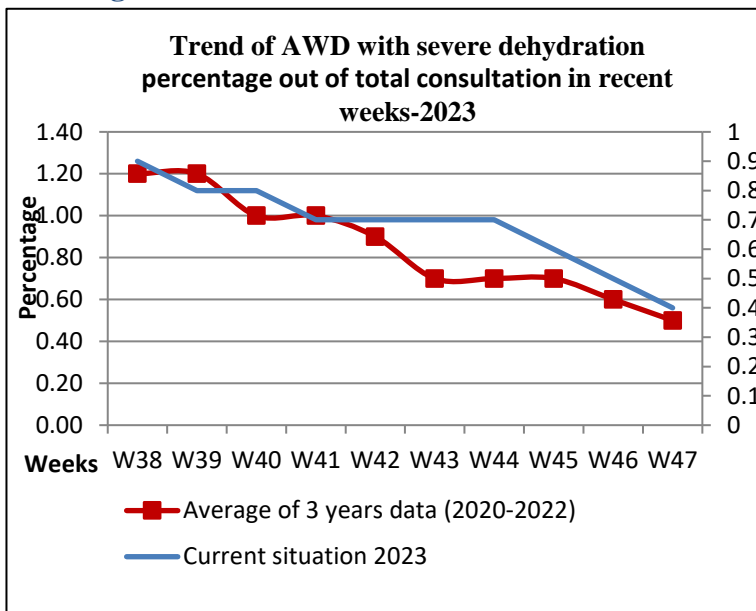
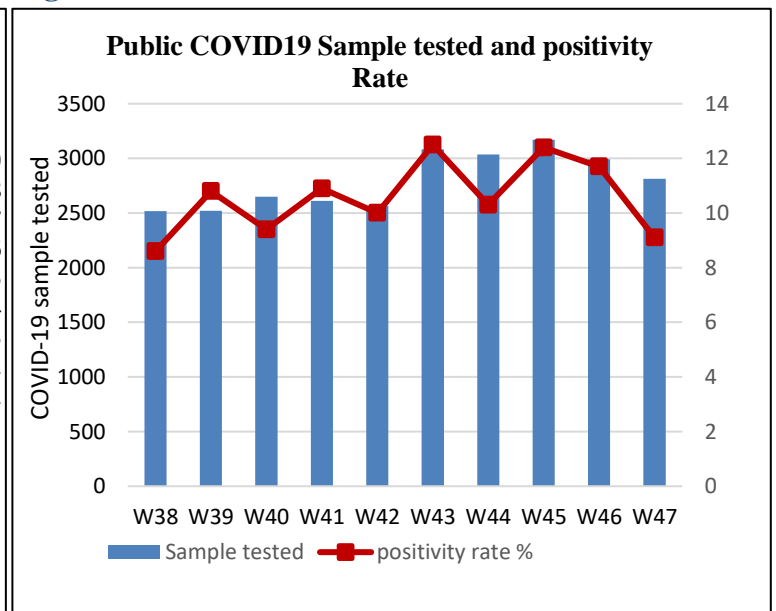


Figure 3: D



**Table 3: Outbreaks in Week 47<sup>th</sup> 2023:**

<b>Clinical Chickenpox outbreaks from Kabul, Kapisa, Logar, Panjshir, Parwan, Takhar and Urozgan provinces</b>						
<b>Reported dated</b>	<b>Province</b>	<b>District</b>	<b>Village</b>	<b>Total Cases</b>	<b>Total deaths</b>	<b>Recommendation</b>
22/11/2023	Kabul	District 6	Chahar Qala E Chahar Dehi	6	0	During this week, 09 <b>Clinical Chickenpox</b> outbreaks were reported from Kabul, Kapisa, Logar, Panjshir, Parwan, Takhar and Urozgan provinces and case management was done. Health education sessions were conducted for all the cases.
19/11/2023	Kapisa	Nijrab	Loqman Hakim	50	0	
23/11/2023	Logar	Puli Alam	Qalai Mosa	6	0	
20/11/2023	Panjshir	Anaba	Gulain	13	0	
25/11/2023		Rukha	Abdawa	8	0	
19/11/2023	Parwan	Bagram	Bahadur Khail	17	0	
21-11-23	Takhar	Qolbars	Haji Karim	5	0	
23-11-23		Taluqan	Naqilha	10	0	
18/11/2023	Urozgan	Tarin-Kot	Khanan	13	0	

<b>Clinical Scabies outbreaks from Kapisa, Kabul, Kunar, Kunduz and Takhar provinces</b>						
<b>Reported Dated</b>	<b>Province</b>	<b>District</b>	<b>Village</b>	<b>Total Cases</b>	<b>Total Deaths</b>	<b>Recommendation/Action take</b>
20/11/2023	Kabul	District 4	Karte Parwan	6	0	During this week, 08 <b>Clinical Scabies</b> outbreaks were reported from Kabul, Kapisa, Kunar, Kunduz and Takhar provinces, and case management was done, health education sessions were conducted for all the cases.
20/11/2023		District 8	Karte Naw	6	0	
20/11/2023		District 21	Guzar 30 - Kandaharis	6	0	
22/11/2023		District 12,11,10 And 7	Arzan Qimat,Golayee Hese Awal Khair Khana, Bibi Mahro And Chehelstoon Agha Shams	37	0	
20/11/2023	Kapisa	Kohistn-1	Oshturgram	50	0	
19/11/2023	Kunar	Noorgal	Kuz Kunar	114	0	
20/11/2023	Kunduz	Emam Sahib	Qaborghah	29	0	
19/11/2023	Takhar	Taluqan	Central Orphanage	53	0	

Dog bite/suspected Rabies outbreaks from Kabul and Kapisa provinces						
s\Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
20/11/2023	Kabul	District 21	Jamilabad	5	0	During this week, 02 <b>Dog bite/suspected Rabies</b> outbreaks were reported from Kabul and Kapisa provinces and case management was done. Health education sessions were conducted for all the cases.
21/11/2023	Kapisa	Nijrab	Tawachian	8	0	

AWD outbreak from Kandahar province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
19/11/2023	Kandahar	District	Boldak Returness	2	0	During this week, <b>01 AWD</b> outbreak was reported from Kandahar province, case management was done, health education session was conducted for all the cases.

Pertussis outbreak from Paktya province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
18/11/2023	Paktya	Zurmat	Noor Gul	19	0	During this week, <b>01 Pertussis</b> outbreak was reported from Paktya province, case management was done, health education session was conducted for all the cases.

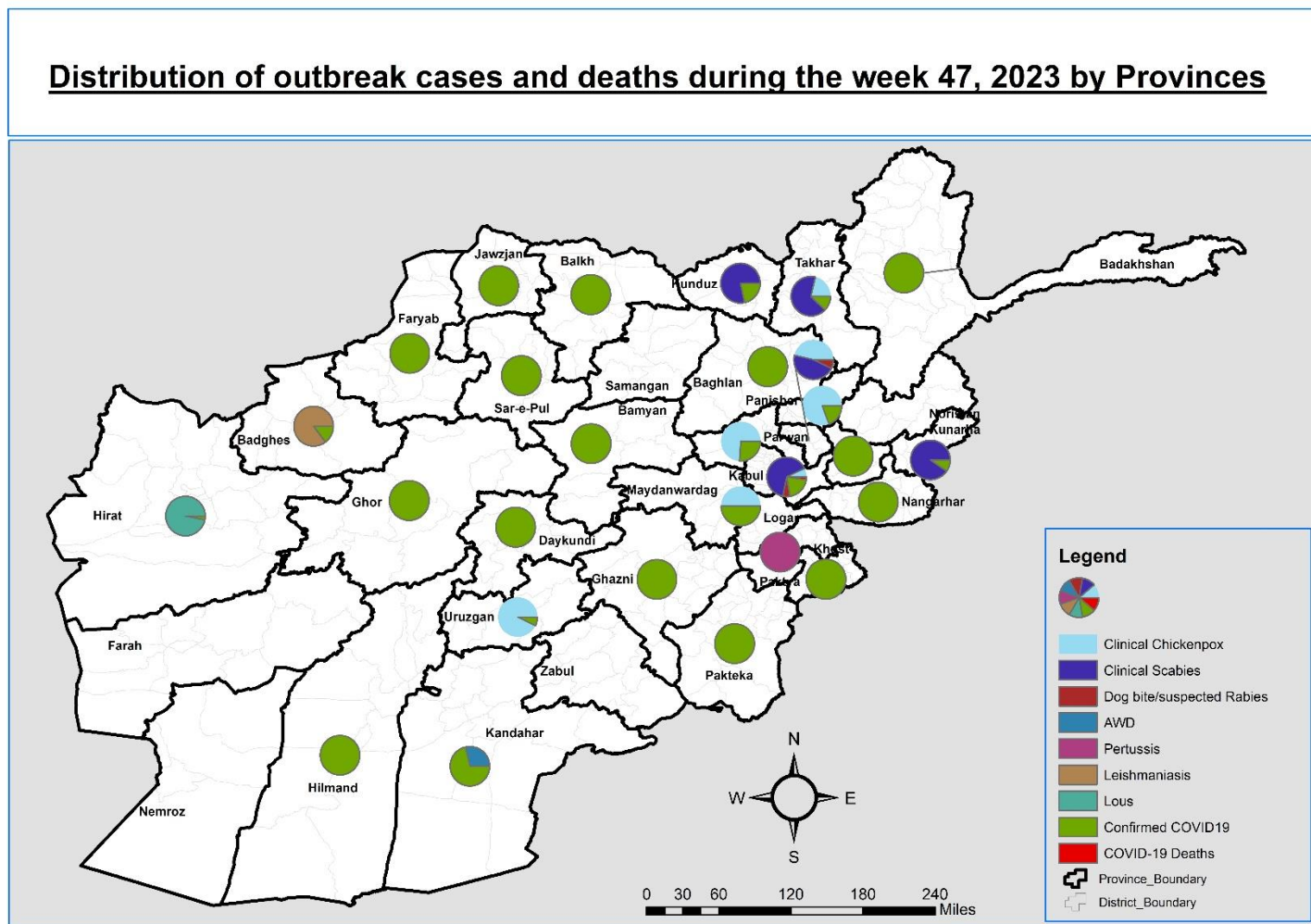
Leishmaniasis outbreak from Badghis province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
22/11/2023	Badghis	Moqur	Andari	40	0	During this week, <b>01 Leishmaniasis</b> outbreak was reported from Badghis province, case management was done, health education session was conducted for all the cases.

Head lice outbreak from Herat province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
22/11/2023	Herat	City	Prison	281	0	During this week, <b>01 Head lice</b> outbreak was reported from Kandahar 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 25 November 2023)**

<b>Disease/Event</b>	<b>Disease/Event</b>	<b>Lab Confirm</b>	<b>Total Cases</b>	<b>Total Deaths</b>
Measles	190	120	2353	11
Suspected Chickenpox	203	6	2917	0
Scabies	195	0	6994	0
Mumps	56	0	895	0
Dog bites/Suspected Rabies	73	0	558	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
<b>Grand Total</b>	<b>1023</b>	<b>254</b>	<b>23336</b>	<b>69</b>

**Figure 4** Clinical Chickenpox, Clinical Scabies, Dog bite/Suspected Rabies, AWD, Pertussis, Leishmaniasis, Lous, COVID-19 Cases, and deaths during the week 47<sup>th</sup> 2023.



### Laboratory surveillance:

A total of **4366** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **30** specimens were confirmed for Malaria, **07** specimens were confirmed for **Cholera**, **01** specimens were confirmed for **Acute Influenza cases**, **24** specimens were confirmed for **Measles**, **10** specimens were confirmed for Acute Viral Hepatitis and **20** specimens were confirmed for **Dengue Fever** (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological week 47<sup>th</sup> 2023, we have received reports from 10 out of 10 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, Paktia and Badakhshan). Out of all new hospital admissions, 643 (13.5%) Severe Acute Respiratory Infections cases were reported and 58% were under 5 years old. The proportion of SARI cases decreased compared to week 46<sup>th</sup> 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 Kapisa (30%), Bamyan (27.5%), and Kabul (18%) 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, **2812** specimens were tested for suspected COVID-19. Out of which **255** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 9.1% this week, which decreased 1.2% compared to the previous week.
- Out of **255 confirmed** cases, **722** contacts out of **186** 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 **31,753** 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, **320 (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 (0.5%) 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 **320 (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.