

Summary:

- Out of **613** functional Surveillance sentinel sites, **609 (99.3%)** have submitted reports this week.
- A total of **659,026** new consultations, of which **267,687 (40.6%)** were due to Surveillance targeted diseases. That included **141,756 (53%) males** and **125,931 (47%) females**. Also, **119,711 (44.7%)** people under five years old and **147,976 (55.3%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**187,868 = 28.5%** cases out of total new consultations), Acute Diarrheal Diseases (**38,842 = 5.9%**) cases out of total new consultations, and Pneumonia (**35,732= 5.4%** cases out of total new consultations).
- A total of **347** deaths were reported this week, of which **93 (26.8%)** were due to surveillance-targeted diseases, which include **75 ARI Pneumonia** deaths, **12 Suspected Meningitis/ Severely ill Child** deaths, **03 COVID-19** deaths and **03 Suspected acute viral hepatitis** deaths.
- In addition, during this week, **29** outbreaks were reported: **10 Clinical Chickenpox** outbreaks were reported from Farah, Ghazni, Ghor, Kabul, Kapisa, Logar, Panjshir and Herat provinces, **05 Clinical Scabies** outbreaks were reported from, Kapisa, Nangarhar, Parwan and Takhar provinces, **06 Measles** outbreaks were reported from Farah, Ghazni, Kabul, Samangan, Takhar, Wardak and Zabul provinces, **01 Mumps** outbreak was reported from Herat province, **01 Suspected ARI/ Pneumonia** outbreak was reported from Balkh province, **01 ARI Cough and Cold** outbreak was reported from Badakhshan province, **01 Dog bite/suspected Rabies** outbreak was reported from Ghazni province, **01 AWD with dehydration** outbreak was reported from Nangarhar province, **01 Leishmaniosis** outbreak was reported from Parwan province, **01 Food Poisoning** outbreak was reported from Parwan province and **01 water contamination** outbreak was reported from Badakhshan province.

Moreover, **295** COVID-19 confirmed cases and **411** suspected Measles cases were reported at the national level.

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

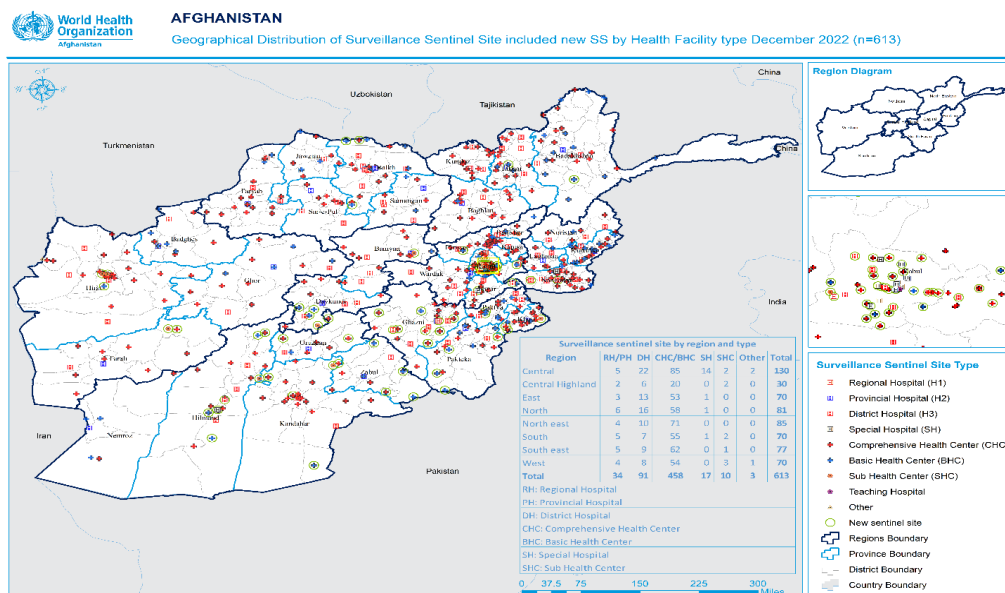


Table 1: Coverage of NDSR Surveillance System

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

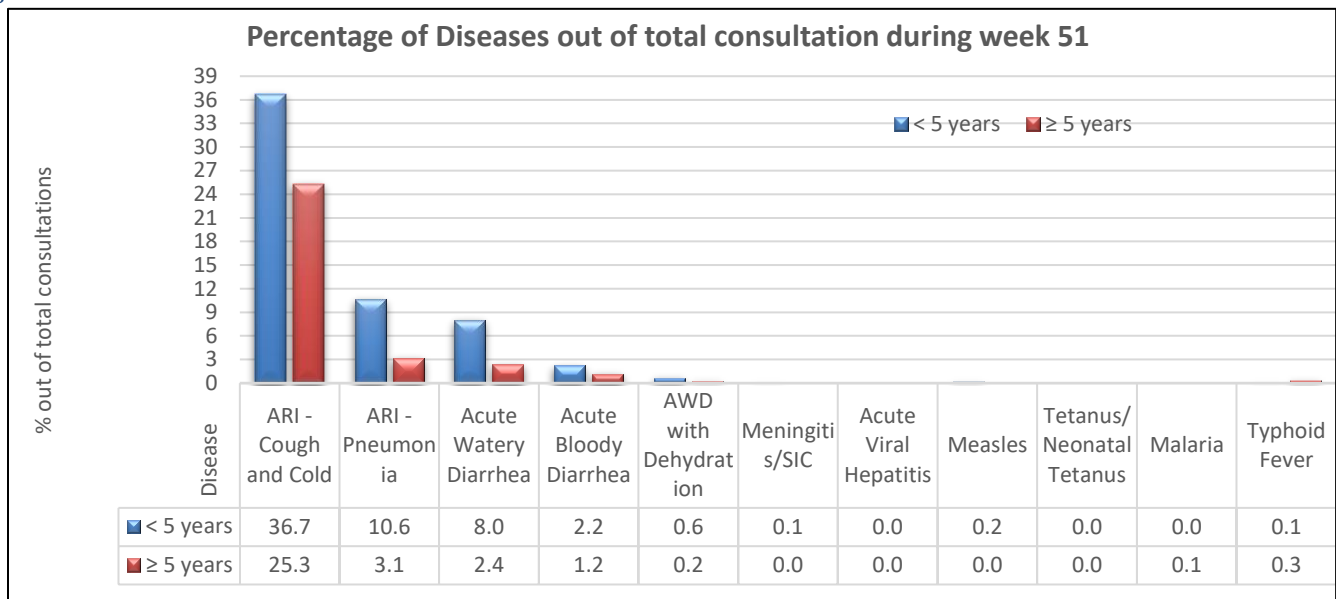
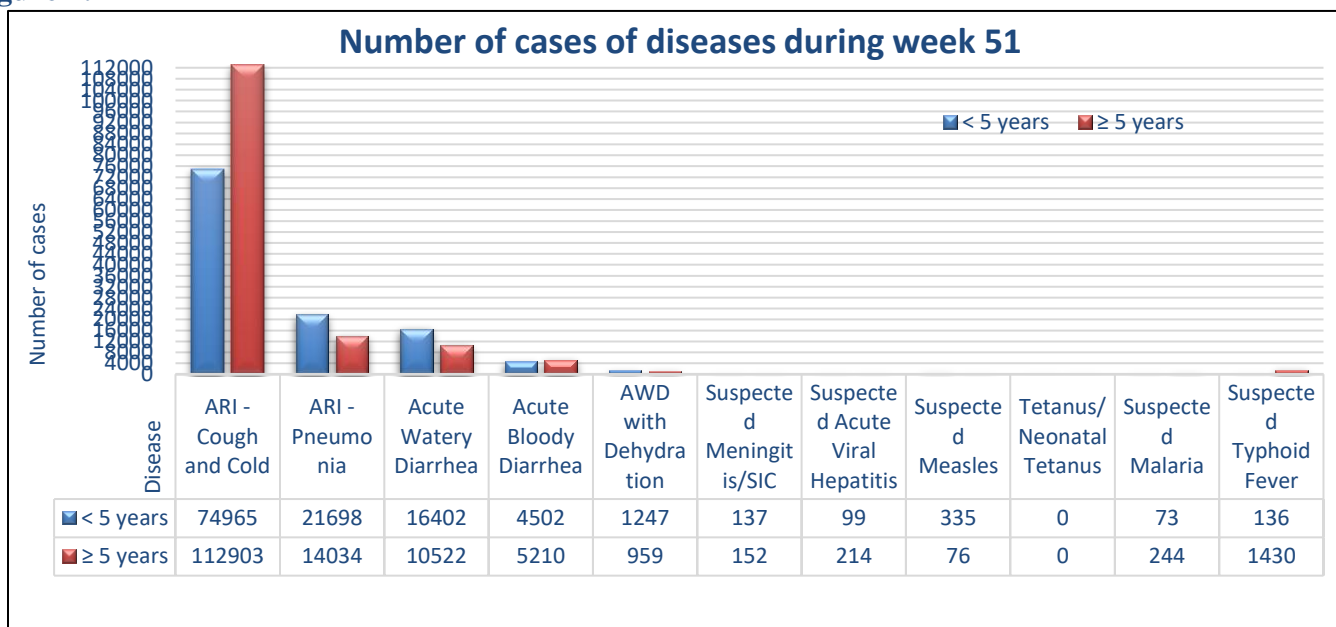


Figure 2: B



Seasonal Diseases:

Figure 3: A

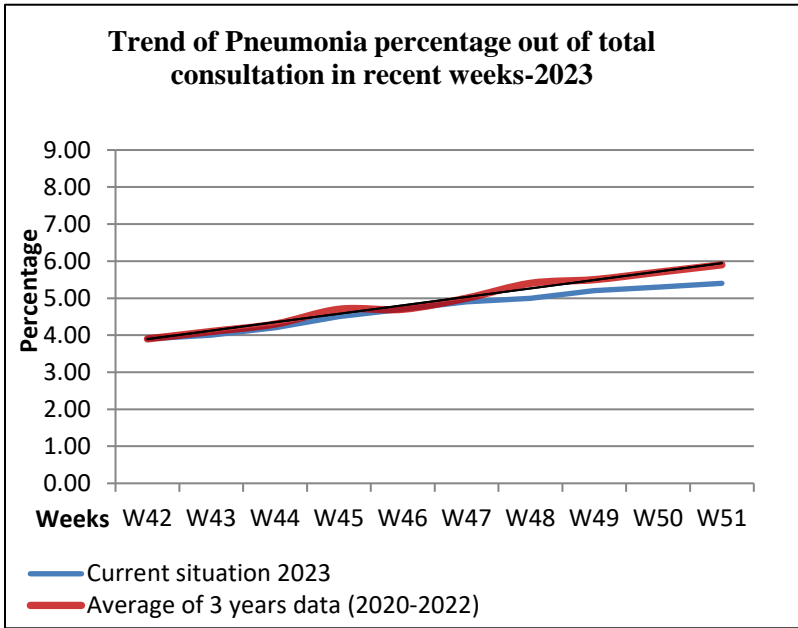


Figure 3: B

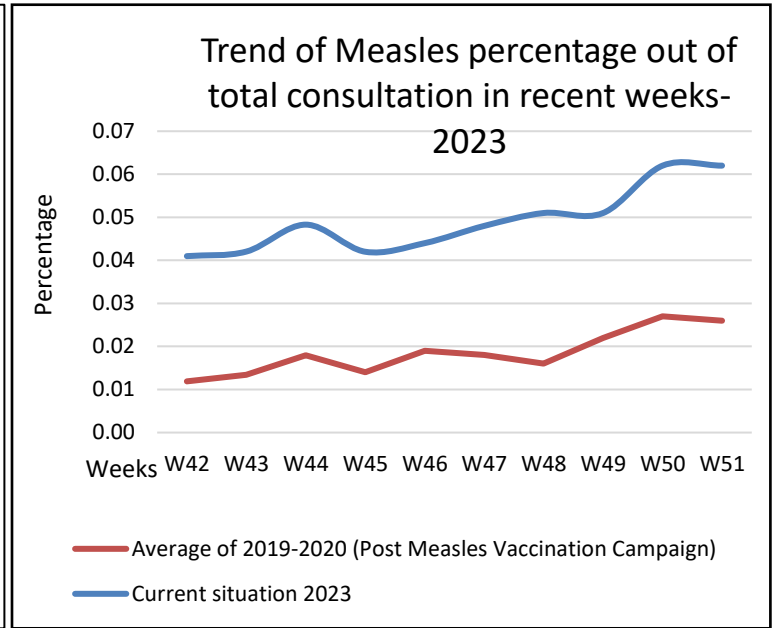


Figure 3: C

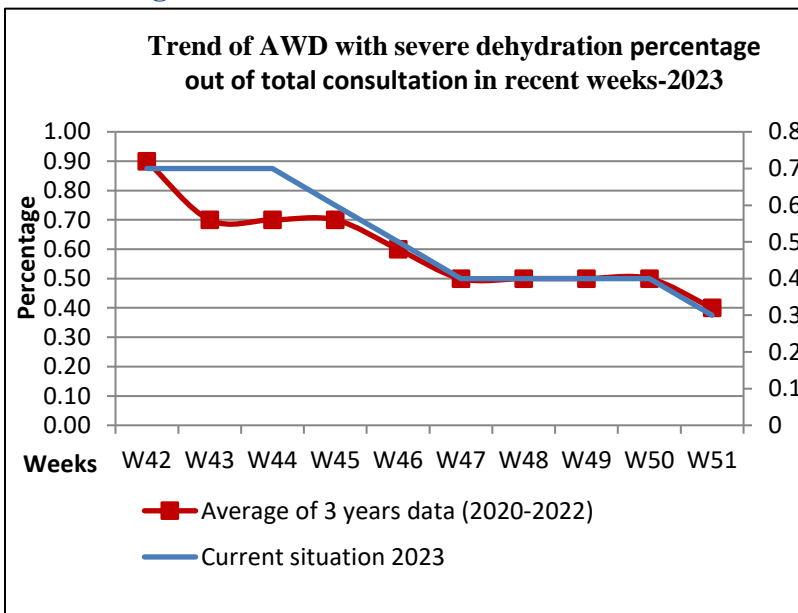


Figure 3: D

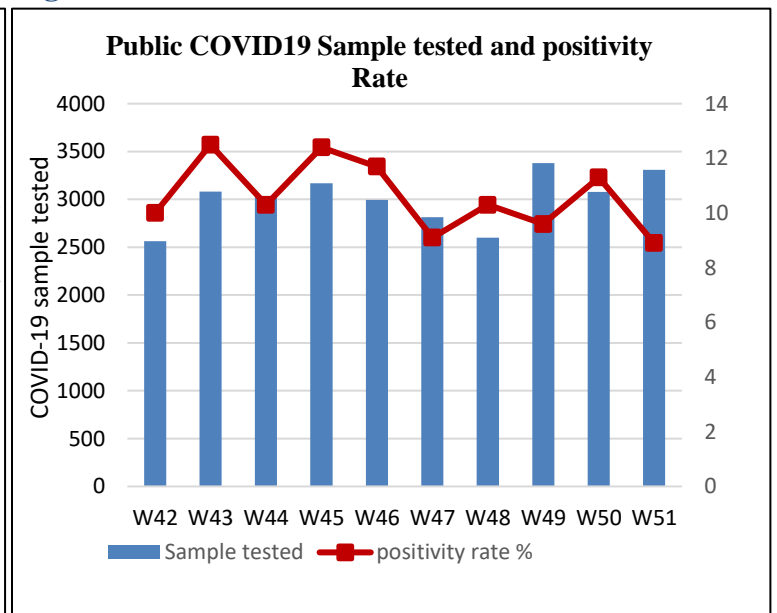


Table 3: Outbreaks in Week 50th 2023:

Clinical Chickenpox outbreaks from Farah, Ghazni, Ghor, Kabul, Kapisa, Logar, Panjshir and Herat provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
18/12/2023	Farah	Lash-E-Jowain	Pashmika	18	0	During this week, 10 Clinical Chickenpox outbreaks were reported from Farah, Ghazni, Ghor, Kabul, Kapisa, Logar, Panjshir and Herat provinces and case management was done. Health education sessions were conducted for all the cases.
20/12/2023	Ghazni	Center	Deh Khodaidad	20	0	
18/12/2023	Ghor	Taywara	Varaja	109	0	
17/12/2023	Kabul	District 15	Chahar Rahi Shahid	5	0	
17/12/2023	Kapisa	Nijrab	Bazed Khail	6	0	
18/12/2023	Logar	Puli Alam	Qalai Sakhi Dad Kulangar	7	0	
18/12/2023	Panjshir	Hisa Awal	Jangalab	9	0	
19/12/2023		Center	Malaspa	6	0	
17/12/2023		Center	Sangana	6	0	
14/12/2023	Herat	Enjeel	Nor Abad	10	0	

Measles outbreaks from Farah, Ghazni, Kabul, Samangan, Takhar and Wardak provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
19/12/2023	Farah	Khak-E-Safid	Qala.M.Shafiq(Khoshkaba)	14	0	During this week, 06 Measles outbreaks were reported from Farah, Ghazni, Kabul, Samangan, Takhar and Wardak provinces, case management was done, health education sessions were conducted for all the cases.
18/12/2023	Ghazni	Center	Ali Lala	20	0	
17/12/2023	Kabul	District 3	Nawabad - Deh Mazang	9	0	
15/12/2023	Samangan	Aybak	Larghan And Gulqeshalq	11	0	
20-12-23	Takhar	Taloqan	5th Street	10	0	
16/12/2023	Wardak	Chak	Shahbaz Khan	10	0	

Clinical Scabies outbreaks from Kapisa, Nangarhar, Parwan and Takhar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
18/12/2023	Kapisa	Center	Madras	19	0	During this week, 05 Clinical Scabies outbreaks were reported from Kapisa, Nangarhar, Parwan and Takhar provinces, and case management was done, health education sessions were conducted for all the cases.
22/12/2023	Nangarhar	Jalalabad	Kalis Family Zone Number 6	72	0	
21/12/2023	Parwan	Bagram	Mohammadia Madrasa	23	0	
17/12/2023	Takhar	Taloqan	Zarqari Bala	12	0	
21/12/2023			Chaqul Khatayan	10	0	

Mumps outbreak from Herat province						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
19/12/2023	Herat	Injil	Mahal Bala Robot Suleyman	11	0	During this week, 01 Mumps outbreak was reported from Herat province and case management was done. Health education session was conducted for all the cases.

Suspected ARI Pneumonia outbreak from Balkh province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
18/12/2023	Balkh	Nahre Shahi	Sharak Istiqlal	96	0	During this week, 01 ARI Pneumonia outbreak was reported from Balkh province, case management was done, health education session was conducted for all the cases.

AWD with Dehydration outbreak from Nangarhar province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
18/12/2023	Nangarhar	Behsood	Khoshal Mina Farmihda	3	0	During this week, 01 AWD with Dehydration outbreak was reported from Nangarhar Province, case management was done, health education session was conducted for all the cases.

ARI Cough and Cold outbreak from Badakhshan province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
16/12/2023	Badakhshan	Teskan	Bala Teshkan and Jarfe	52	1	During this week, 01 ARI cough and cold outbreak was reported from Badakhshan Province, case management was done, health education session was conducted for all the cases.

Dog bite /suspected Rabies outbreak from Ghazni province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
18/12/2023	Ghazni	Center	Ali Zia & Shadoo	6	0	During this week, 01 Dog bite /suspected Rabies outbreak was reported from Ghazni Province, case management was done, health education session was conducted for all the cases.

Leishmaniosis outbreak from Parwan province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
18/12/2023	Parwan	Charikar	Dara Sha Khil	16	0	During this week, 01 Leishmaniosis outbreak was reported from Parwan Province case management was done, health education session was conducted for all the cases.

Food Poisoning outbreak from Parwan province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
18/12/2023	Parwan	Charikar	Qala-e-Naw Madrasa	23	0	During this week, 01 Food Poisoning outbreak was reported from Parwan Province case management was done, health education session was conducted for all the cases.

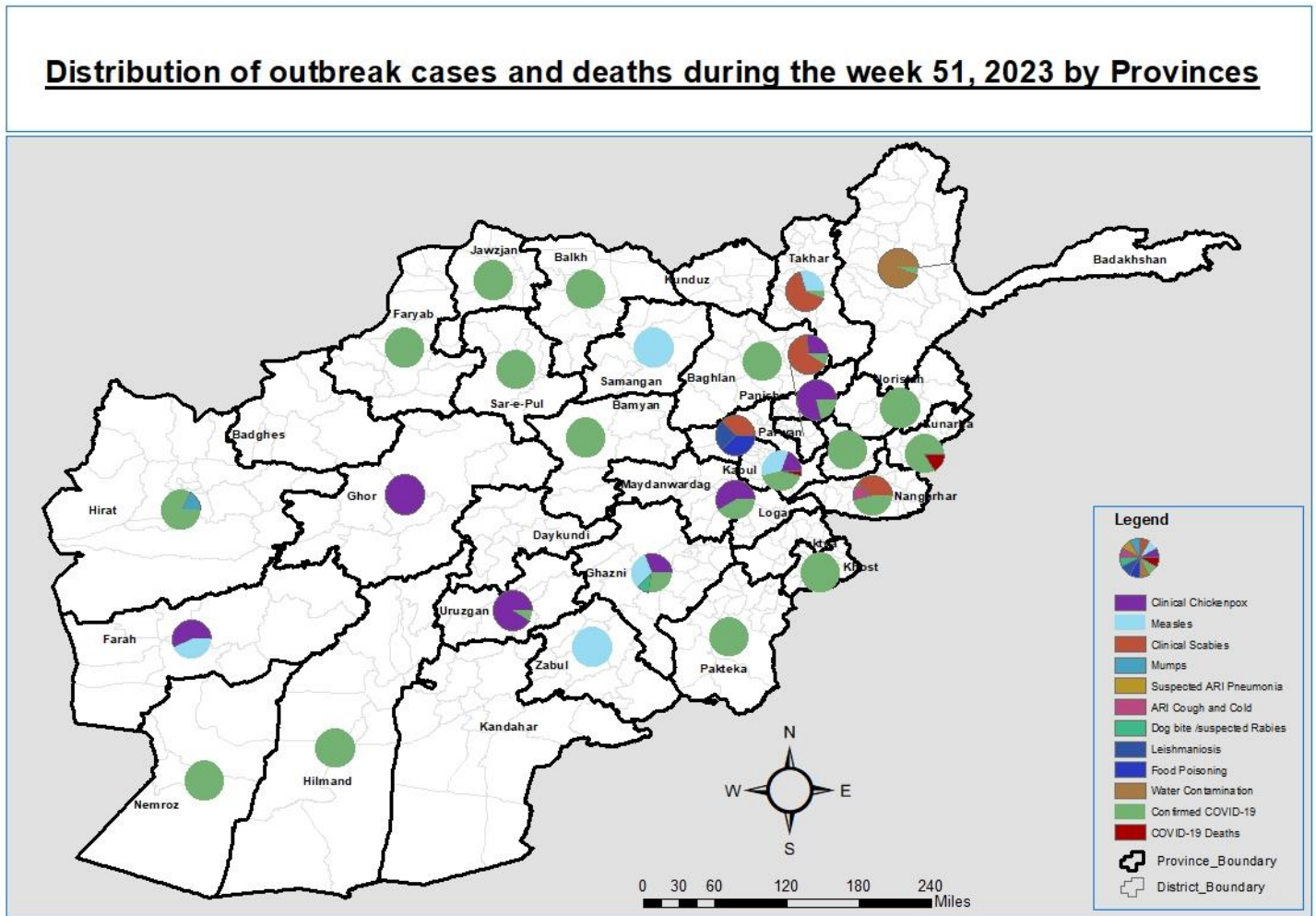
Water Contamination outbreak from Badakhshan province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
19/12/2023	Badakhshan	Yaftal-e-Payan	Walak Bala	51	0	During this week, 01 Water Contamination outbreak was reported from Badakhshan 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 23 December 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	202	122	2480	12
Suspected Chickenpox	239	6	3540	0
Scabies	226	0	7630	0
Mumps	57	0	906	0
Dog bites/Suspected Rabies	82	0	617	2
Pertussis	58	0	959	1
Pneumonia	30	1	1282	24
Malaria	41	41	3139	0
Leishmaniasis	19	2	1129	0
CCHF	24	24	149	13
Food poisoning	22	0	693	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	5	0	264	3
COVID 19	4	4	287	0
Acute watery Diarrhea (Dehydration)	62	59	291	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
Water Contamination	1	0	51	0
Grand Total	1126	261	25173	71

Figure 4 Clinical Chickenpox, Measles, Clinical Scabies, Mumps, suspected ARI Pneumonia, ARI Cough and Cold, Dog bite/suspected Rabies, Leishmaniosis, Food Poisoning, Water contamination, COVID-19 Cases, and deaths during the week 51st 2023.



Laboratory surveillance:

A total of **4477** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **26** specimens were confirmed for Dengue Fever, **14** specimens were confirmed for AWD, **10** specimens were confirmed for Acute Viral Hepatitis, **04** specimens were confirmed for Malaria and **03** specimens were confirmed for Measles (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 51st 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, 767 (16.2%) Severe Acute Respiratory Infections cases were reported and 54% were under 5 years old. The proportion of SARI cases was increased compared to week 50th 2023. 23 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 (40.2%), Kabul (36%), and Nangarhar (27.4%) 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, **3310** specimens were tested for suspected COVID-19. Out of which **295** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.9 % this week, which decreased 2.2% compared to the previous week.
- Out of **295 confirmed** cases, **677** contacts out of **210** 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 **36,571** 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, **485 (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 (0.1%) compared to the previous week.
- Diarrheal diseases are on the decreasing trend (0.2%) compared to the previous week.
- 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 **485 (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.