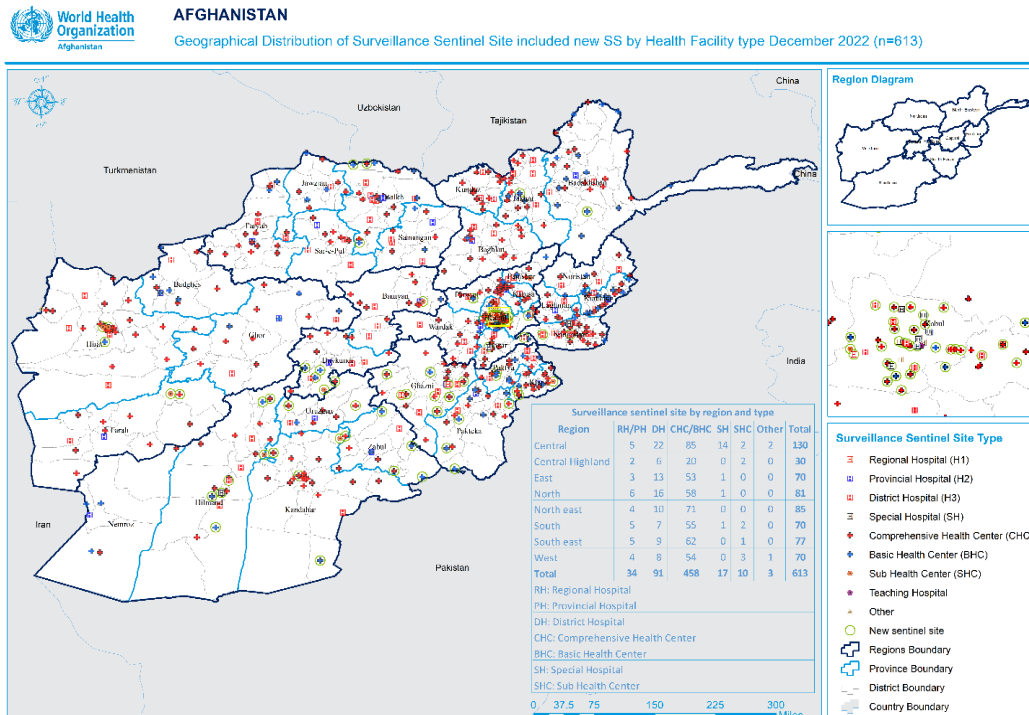


Summary:

- Out of **613** functional Surveillance sentinel sites, **586 (95.6%)** have submitted reports this week.
- A total of **628,029** new consultations, **224,680 (35.8%)** were due to Surveillance targeted diseases. That included **119,163 (53%)** males and **105,517 (47%)** females. Also, **106,308 (47.3%)** under five years old and **118,372 (52.7%)** five years old and over, reported this week.
- The main causes of consultations in this week were ARI Cough & Cold, **147,463 (23.5%)** cases out of total new consultations, Acute Diarrheal Diseases **42,935 (6.8%)** cases out of total new consultations, and Pneumonia **29,099 (4.6%)** cases out of total new consultations.
- A total of **189** deaths were reported this week, of which **60 (31.8%)** deaths were due to Surveillance targeted diseases, which include **48 Pneumonia** deaths, **05 Suspected Measles** deaths, **04 Suspected Meningitis/ Severely Ill Child** deaths, **03 Pregnancy-related** deaths.
- In addition, during this week **33** outbreaks were reported (**13 Suspected Measles** outbreaks were reported from **Ghazni, Helmand, Jawzjan, Kandahar, Khost, Kunar, Nuristan, Paktya, Wardak and Zabul** Provinces, **09 Suspected Chickenpox** outbreaks were reported from **Bamyan, Ghazni, Herat, Kabul, Nimroz, Paktya and Wardak** Provinces, **06 Clinical Scabies** outbreaks were reported from **Balkh, Laghman, Nangarhar, Nimroz and Wardak** provinces, **04 Suspected Mumps** outbreaks were reported from **Baghlan, Herat and Takhar** Provinces and **01 Suspected Pertussis** outbreak was reported from **Badakhshan** province).
- Moreover, **238** COVID-19 confirmed cases and **916** Suspected **Measles** cases and 05 deaths were reported at national level.

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



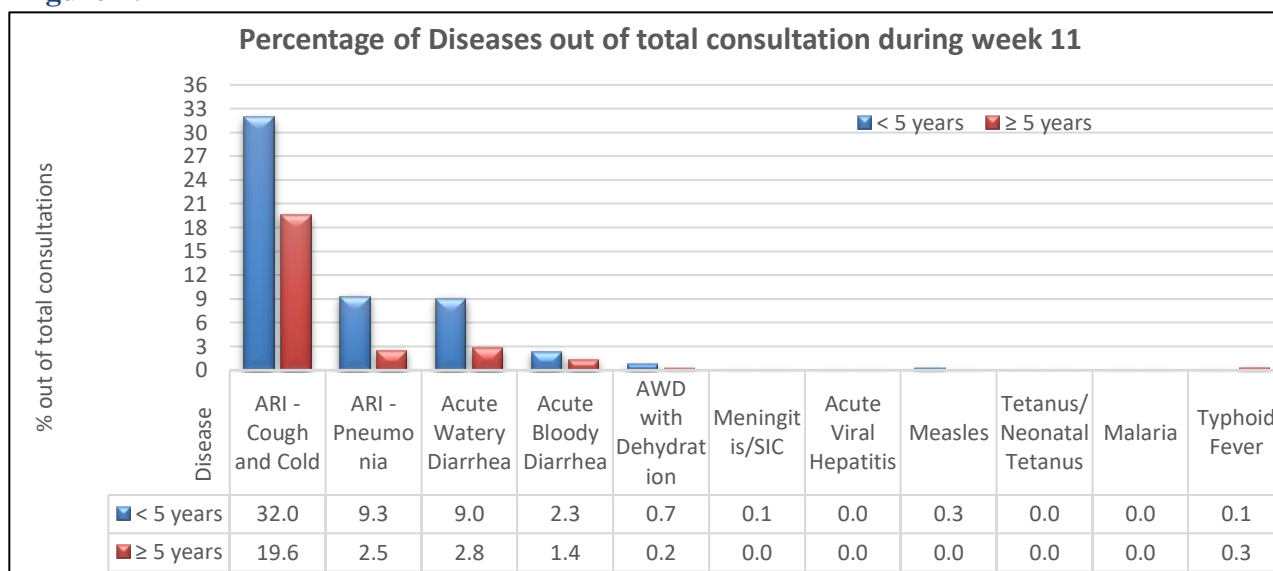
**Table 1: Coverage of NDSR Surveillance System**

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 NDSR, report 17 priority conditions/infectious diseases from sentinel sites on weekly bases. The data is compared with previous weeks and the corresponding weeks of previous three years and the alert and epidemic threshold is checked to see if disease incidence has crossed these levels and necessary action is initiated.

**Figure 2: A**



**Figure 2: B**

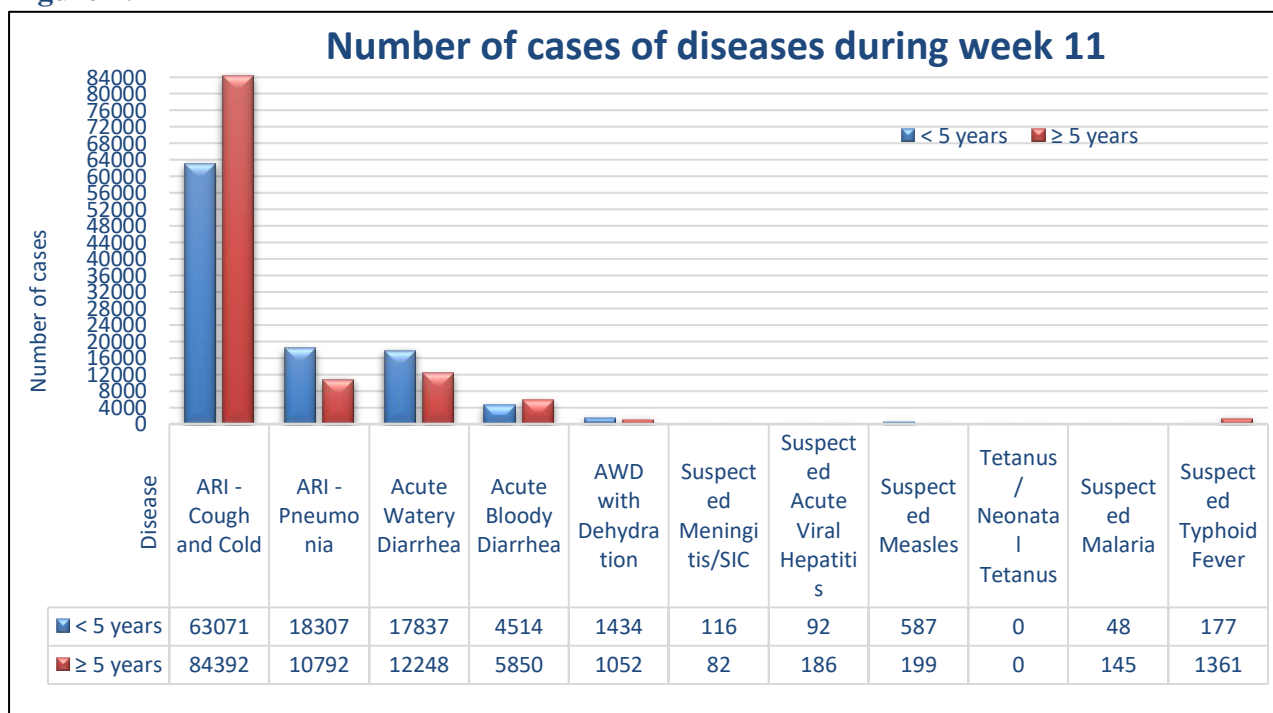


Table 2: IBS Cases and deaths due to VPDs by age group during week 11<sup>th</sup> 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	587	199	786	5	0	5	0.64

Seasonal Diseases:

Figure 3: A

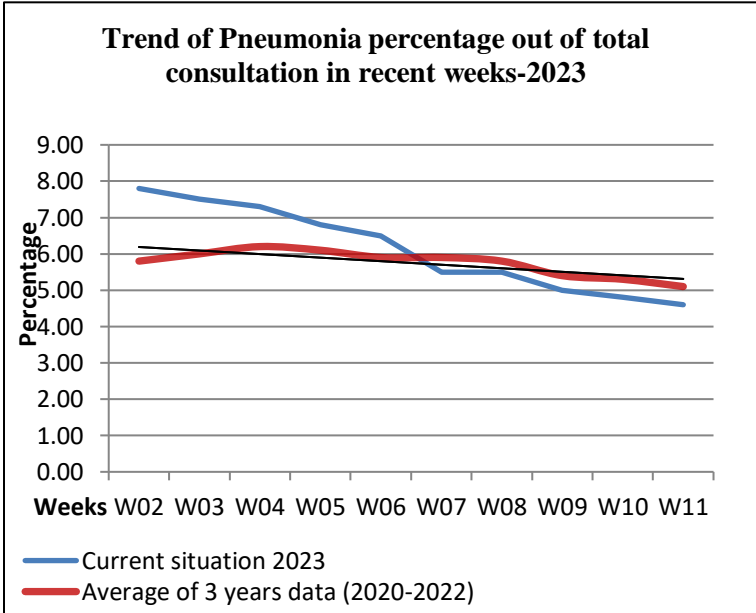


Figure 3: B

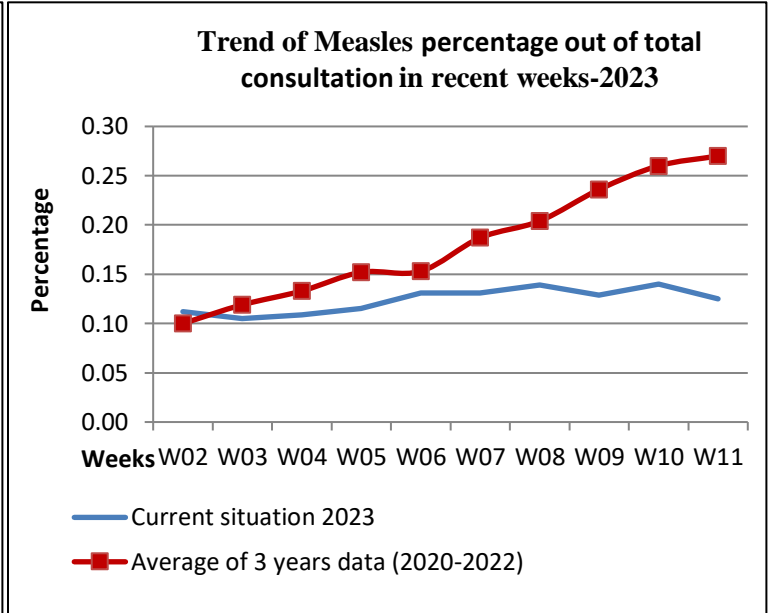


Figure 3: C

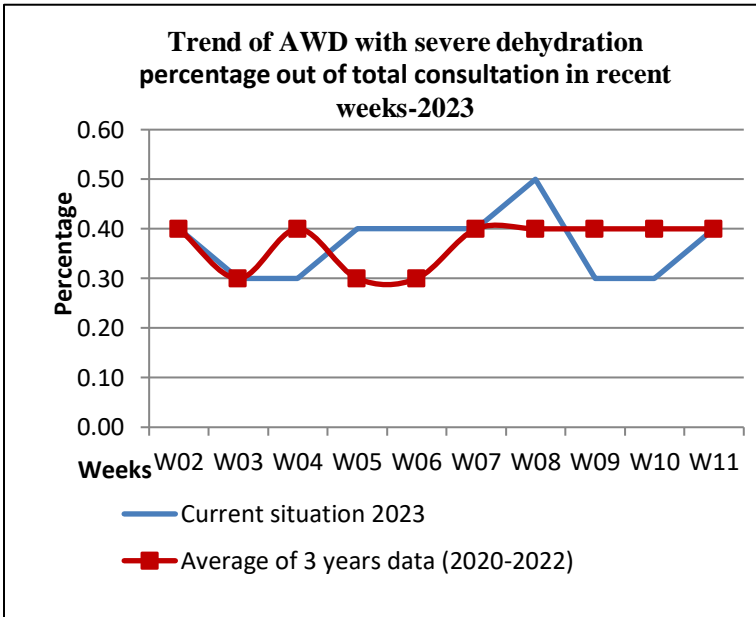
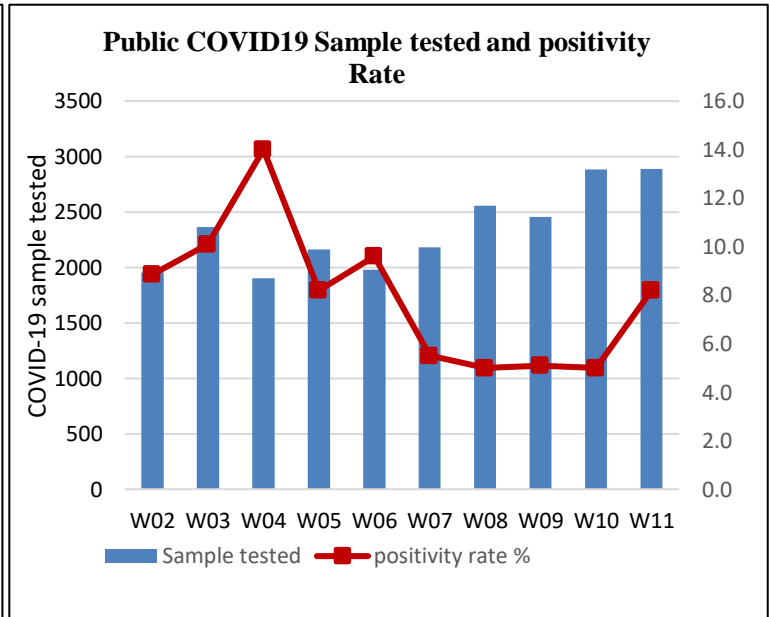


Figure 3: D



**Table 3: Outbreaks in week 11<sup>th</sup> 2023:**

Suspected Measles outbreaks from Ghazni, Helmand, Jawzjan, Kandahar, Khost, Kunar, Nuristan, Paktya, Wardak and Zabul Provinces										
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Reported	Assessed	
12/03/2023	Ghazni	Qarabagh	Meryani	10	14	24	0	NA	NA	<p>In this week, 13 suspected Measles outbreaks were reported from Ghazni, Helmand, Jawzjan, Kandahar, Khost, Kunar, Nuristan, Paktya, Wardak and Zabul Provinces. The outbreaks were investigated, case management was done for all the cases. Also, health education sessions were conducted. Vaccination of children in the surrounding villages of the affected area is going on.</p>
12/03/2023	Helmand	Grishk	Tajakan Laly Mama	2	8	10	0	NA	29%	
15/03/2023		Grishk	Moh Majid	4	3	7	0	NA	29%	
13/03/2023	Jawzjan	Sheberghan	Kenara	1	4	5	0	72	91%	
09/03/2023	Kandahar	Khakriz	Dukhani	4	2	6	0	114%	0%	
3/15/2023		Kandahar City	#7 Sub District	4	3	7	0	80%	82%	
12/3/2023	Khost	Alisher	Choghakai	5	4	9	0	N/A	39%	
15/03/2023	Kunar	Noorgal	Shumash	4	2	6	0	44%	30%	

16/03/2023	Nuristan	Want Waigal	Mundish	7	3	10	0	NA	40%
15/03/2023	Paktya	Gardez	Woch Gharak	12	3	15	0	N/A	N/A
13/03/2023	Wardak	Narkh	Tokarak	8	5	13	0	84%	68%
12/03/2023	Zabul	Siory	Momo/Kochia n	9	3	12	0	71%	0%
15/03/2023		Shajoy	Qarbagho kali	2	4	6	0	82%	48%

#### Suspected Chickenpox outbreaks from Bamyan, Ghazni, Herat, Kabul, Nimroz, Paktya and Wardak provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
14/03/2023	Bamyan	Yakawlang	Khakchighir Yakawlang	63	0	During this week <b>09 Suspected</b> Chickenpox outbreaks were reported from Bamyan, Ghazni, Herat, Kabul, Nimroz, Paktya and Wardak Provinces, case management was done. Health education sessions were conducted for all the cases.
14-03-2023	Ghazni	Dehyak	Robat	101	0	
18/03/2023	Herat	Injil	Kahdistan	62	0	
13/03/2023	Kabul	District 5	Khushal Khan	5	0	
14/03/2023		District 8	Logarian Road	6	0	
14/03/2023	Nimroz	Delaram	Haji Baran Kali	7	0	
13/03/2023	Paktya	Ahmad Aba	Feroz Khil	61	0	
13/03/2023	Wardak	Behsood 1	Gardan Dewal	18	0	

14/03/2023		Behsood 2	Kamarak Area	44	0	
------------	--	-----------	--------------	----	---	--

### Clinical Scabies outbreaks from Balkh, Laghman, Nangarhar, Nimroz and Wardak provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
14/03/2023	Balkh	Mazari Sharif	Central Jail	94	0	During this week 06 Clinical Scabies outbreaks were reported from Balkh, Laghman, Nangarhar, Nimroz and Wardak Provinces, Case management was done. Health education sessions were conducted for all the cases.
13/3/2023	Laghman	Mehterlam	Sultan Ghazi Baba Girls and Boys School	214	0	
17/03/2023	Nangarhar	Behsood	Saghadat Private School Karizikabeer	60	0	
14/03/2023	Nimroz	Delaram	Shagi	34	0	
11/03/2023	Wardak	Said Abad	Tawda Chena	28	0	
11/03/2023		Narkh	Rana Khil	25	0	

### Suspected Mumps outbreaks from Baghlan, Herat and Takhar provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
15/03/2023	Baghlan	Doshi	Nahreen Chay	13	0	During this week 04 Suspected Mumps outbreaks were reported from Baghlan, Herat and Takhar provinces, case management was done. Health education sessions were conducted for all the cases.
15/03/2023	Herat	Injil	Kahdistan	7	0	
12/03/2023	Takhar	Taluqan	Nahri Chaman	5	0	
13/03/2023		Taluqan	Shinwari - Chenzayee	15	0	

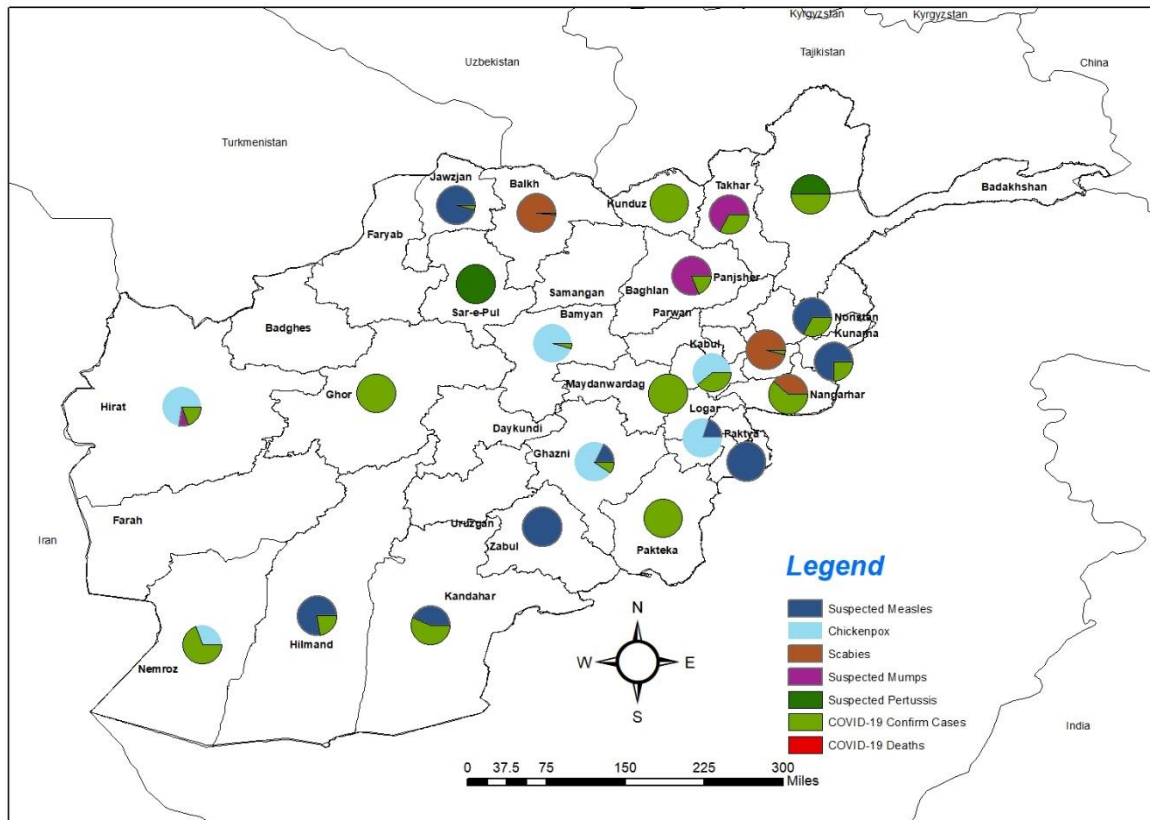
### Suspected Pertussis outbreak from Badakhshan province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
15/03/2023	Badakhshan	Faizabad	Ahmad Abad	10	0	During this week <b>01</b> suspected Pertussis outbreak was reported from Badakhshan province, case management was done. Health education session was conducted for all the cases.

**Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 18 Mar 2023)**

<b>Disease/Event</b>	<b>Count of Disease/Event</b>	<b>Sum of Lab Confirm</b>	<b>Sum of total Cases</b>	<b>Sum of Total Deaths</b>
Measles	98	38	1139	6
CCHF	0	0	0	0
Dog bites/Suspected Rabies	20	0	169	0
Pertussis	13	0	127	0
Acute Watery Diarrhea	0	0	0	0
Food Poisoning	0	0	0	0
Unknown Poisoning	0	0	0	0
Scabies	47	0	1741	0
Chickenpox	51	1	1334	0
Leishmaniosis	3	0	148	0
Cat bite suspected rabies	0	0	0	0
Mumps	23	0	290	0
Diphtheria	0	0	0	0
Pneumonia	29	1	1074	24
ARI Cough and cold	1	0	24	0
Dengue fever	0	0	0	0
Skin disease	1	0	545	0
Anthrax	2	0	2	0
Confirmed Malaria	0	0	0	0
Acute Viral Hepatitis (AVH)	0	0	0	0
Suspected Typhoid fever	2	0	36	0
COVID-19	1	1	2022	41
<b>Grand Total</b>	<b>291</b>	<b>41</b>	<b>8651</b>	<b>71</b>

**Figure 4: COVID-19, Suspected Measles, Suspected Chickenpox, Clinical Scabies, Suspected Mumps and Covid-19 cases and deaths during the week 11<sup>th</sup> 2023.**



### Laboratory surveillance:

A total of **4308** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **238** specimens were confirmed for COVID-19, **121** specimens were confirmed for **Measles**, **14** specimens were confirmed for **Acute Viral Hepatitis**, **03** specimens were confirmed for **Malaria** and **01** specimen was confirmed for **Brucellosis**. (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological week 11<sup>th</sup> 2023, we have received Epidemiological reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa and Paktya). Out of all new hospital admissions, 233 (6.5%) Severe Acute Respiratory Infections cases were reported and 63% were under 5 years old. The proportion of SARI cases were slightly decreased compared to week 10<sup>th</sup> 2023. 07 SARI-associated deaths were reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kabul (28.0%), Kapisa (23.4%), and Bamyan (17.2%) provinces. During this Epi-week, our field staff shipped 54 SARI and 36 ILI specimens to the National Influenza Center (NIC).

### COVID-19 Surveillance activities:

In this week, **2887** specimens were tested for suspected COVID-19. Out of which **238** specimens were confirmed for COVID-19 by RT-PCR.

- COVID-19 case positivity rate was 8.24 % in this week, which increased 3.2 % compared to the previous week.



- Out of **238** confirmed cases, **930** contacts of **222** were traced that were mostly family members with an average of 4 contacts per one case, and will be continued until 14 days of 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 **75,708** passengers have been screened for COVID-19 at the points of entry of five provinces (Balkh, Herat, Nangarhar, Kandahar and Nimroz).

### Challenges:

- COVID-19 case positivity rate increased 3,2 % this week
- Measles cases are still a public health concern in the country, this week **916** (IBS+EBS data) measles cases were reported to the surveillance system
- ARI pneumonia cases are on the decreasing (0.2%) trend compared to last weeks of the same weeks of the previous year, but AWD cases are on the increasing trend compared to last week (0.7%).
- Weak response system to outbreaks at the national level

### Recommendations:

- COVID-19 preventive and control measures should be strengthened
- Public awareness regarding AWD 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 in order to respond to the current measles epidemic situation
- RRTs establishment at the provincial and national level is needed, to timely investigate and respond the outbreaks
  - **EPI:** As the surveillance system detected **916** suspected Measles cases and 05 deaths at the national level, so further prevention and control measures should be conducted by the EPI team.
- The findings should be analyzed further at different levels and appropriate actions to be taken by the concerned departments.