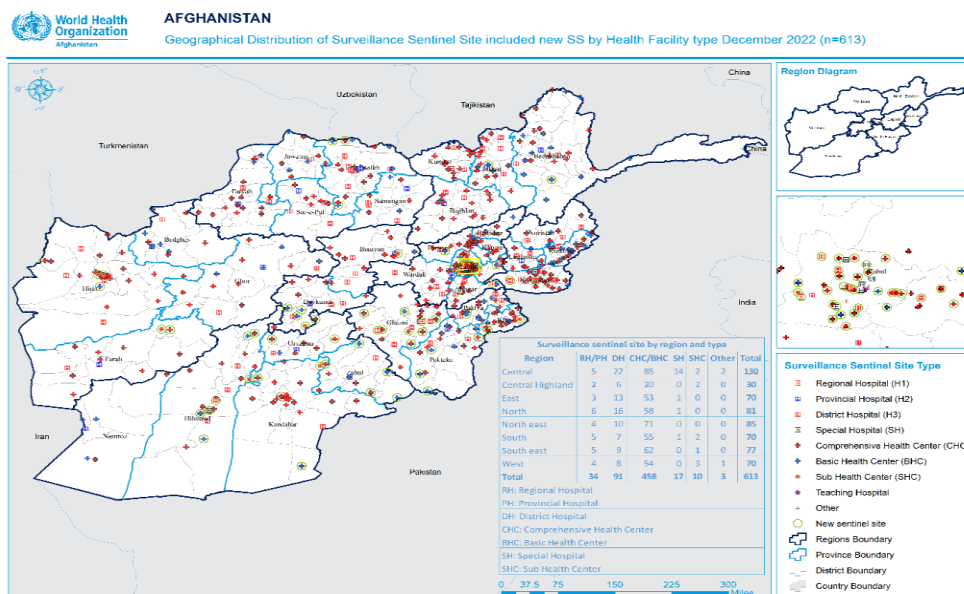


Summary:

- Out of **613** functional Surveillance sentinel sites, **596 (97.2%)** have submitted reports this week.
- A total of **628,266** new consultations, **252,998 (40.3%)** were due to Surveillance targeted diseases. That included **131,844 (52.1%)** males and **121,154 (47.9%)** females. Also, **113,615 (44.9%)** under five years old and **139,383 (55.1%)** five years old and over, reported this week.
- The main causes of consultations in this week were ARI Cough & Cold, **175,737 (28%)** cases out of total new consultations, Acute Diarrheal Diseases **31,684 (5%)** cases out of total new consultations, and Pneumonia **40,617 (6.5%)** cases out of total new consultations.
- A total of **257** deaths were reported this week, of which **75 (29.2%)** deaths were due to Surveillance targeted diseases, which include **66 Pneumonia** deaths, **03 COVID-19** deaths, **03 Acute Bloody Diarrhea** deaths, **01 Acute Watery Diarrhea (AWD)** death, **01 Suspected Measles** death and **01 Pregnancy-related** death.
- In addition, during this week **29** outbreaks were reported (**11 Suspected Measles** outbreaks were reported from Nangarhar, Farah, Helmand, Khost, Kunar, Samangan, Urozgan and Zabul provinces, **05 Clinical Scabies** outbreaks were reported from Kabul, Badghis, Kunduz, Laghman and Paktya provinces, **05 Suspected Chickenpox** outbreaks were reported from Badakhshan, Ghor, Nimroz and Urozgan provinces, **03 Suspected Leishmania** outbreaks were reported from Badakhshan and Kabul provinces, **02 ARI/Pneumonia** outbreaks were reported from Helmand and Urozgan provinces, **01 Suspected Pertussis** outbreak was reported from Urozgan province, **01 Suspected Mumps** outbreak was reported from Kunduz province and **01 Skin Disease** outbreak was reported from Herat province.
- Moreover, **190** COVID-19 confirmed cases and **970** Suspected Measles cases were reported at national level.

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



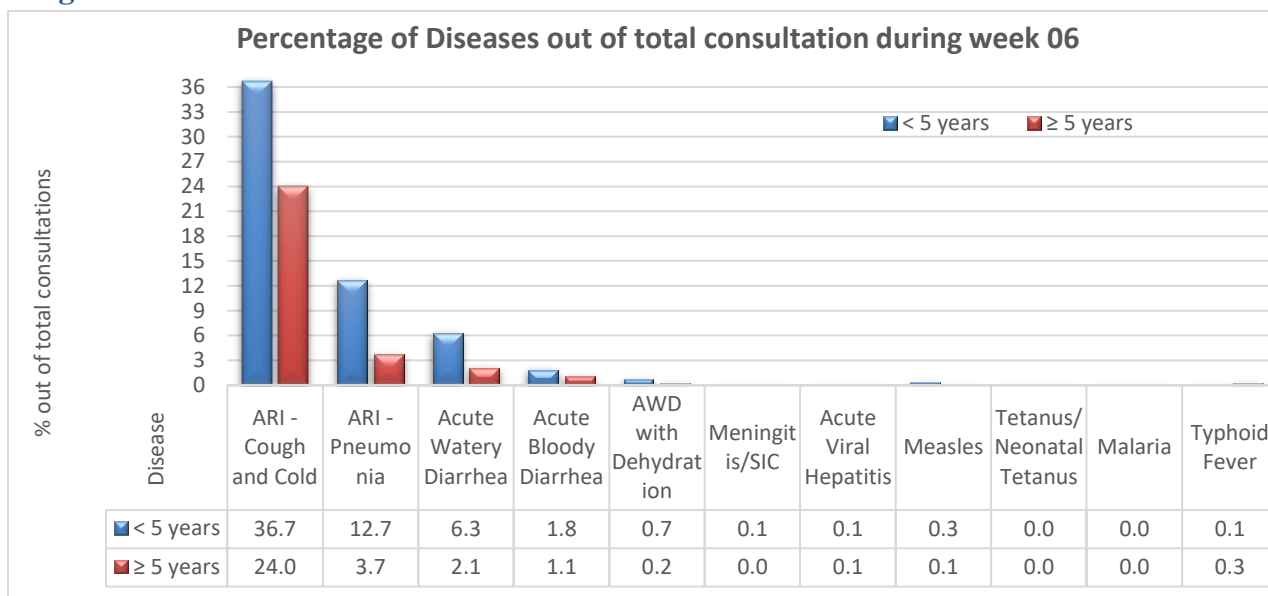
**Table 1: Coverage of NDSR Surveillance System**

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 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**

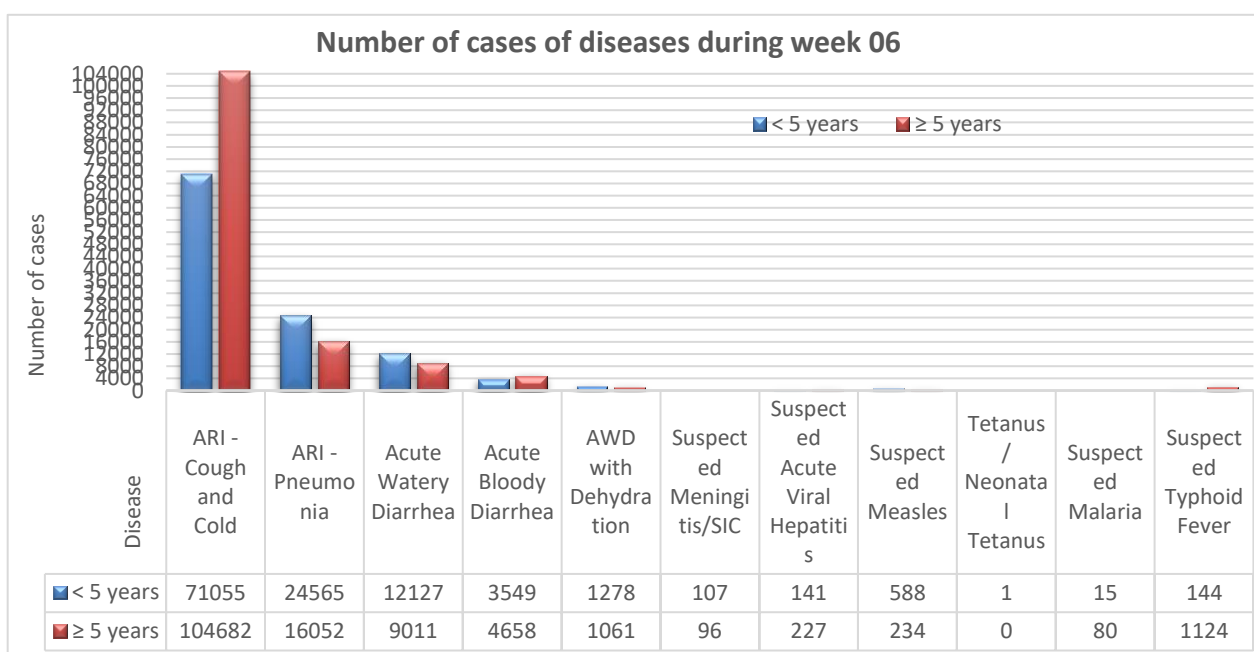


Table 2: Cases and deaths due to VPDs by age group during week 06<sup>th</sup> 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	588	234	822	1	0	1	0.12
Suspected Pertussis	5	1	6	0	0	0	0.00

Seasonal Diseases:

Figure 3: A

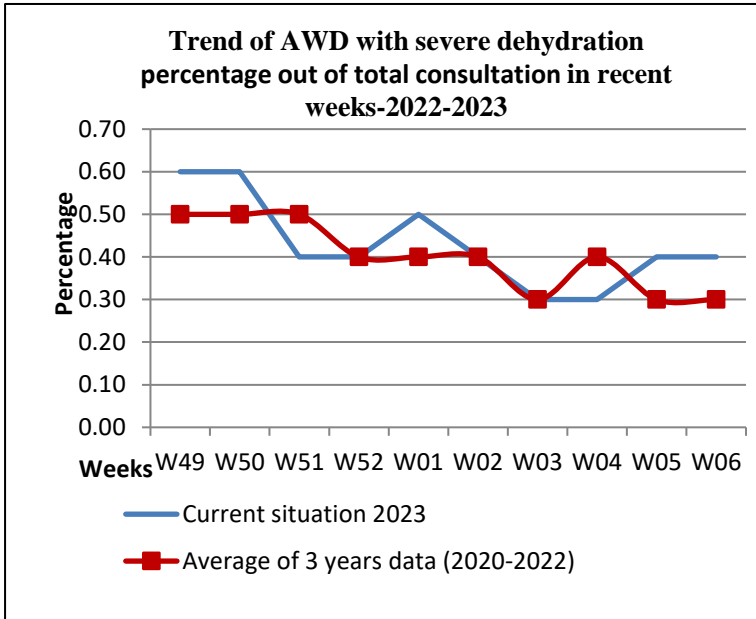


Figure 3: B

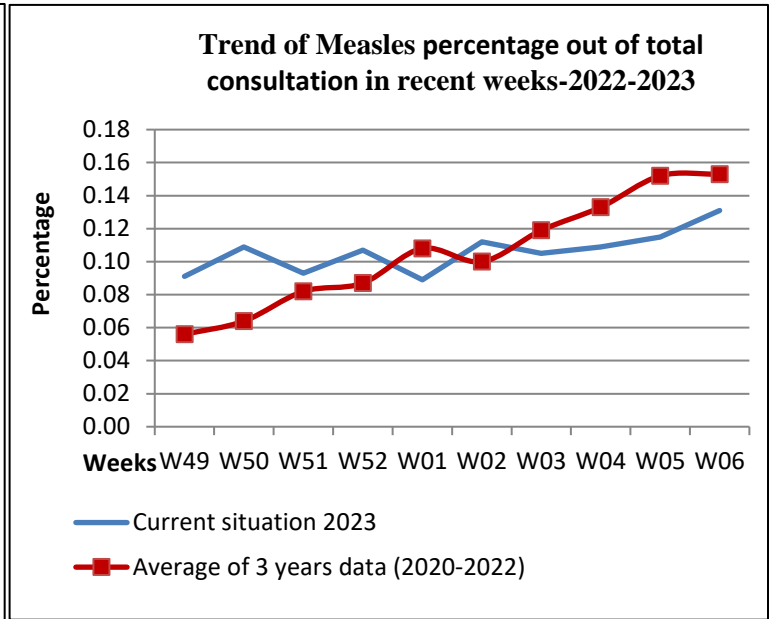


Figure 3: C

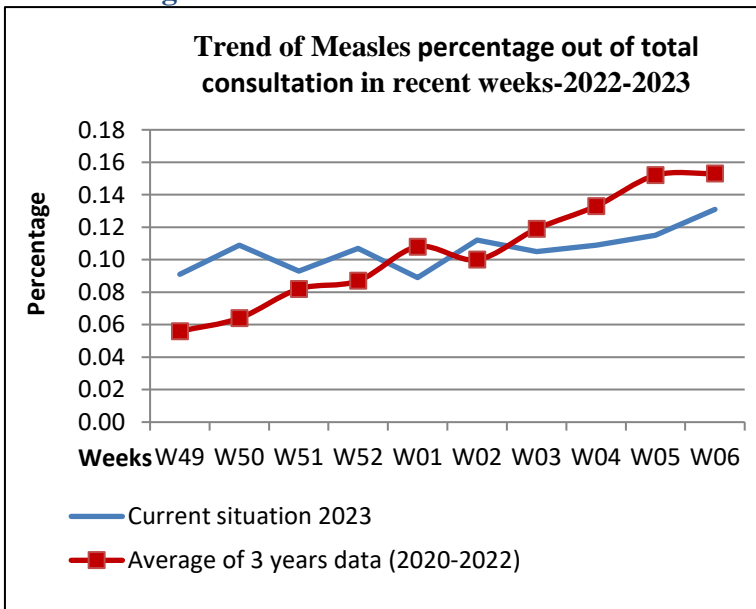
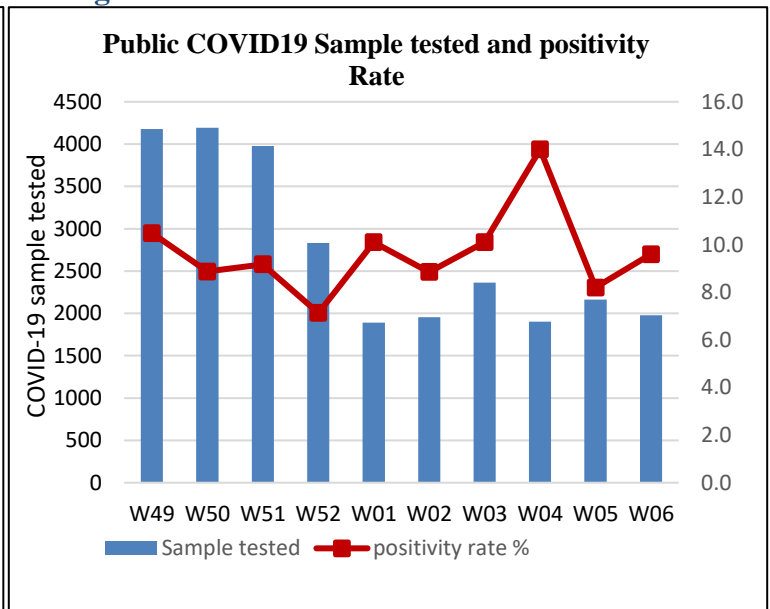


Figure 3: D



**Table 3: Outbreaks in week 06<sup>th</sup> 2023:**

<b>Suspected Measles outbreaks from Nangarhar, Farah, Helmand, Khost, Kunar, Samangan, Urozgan and Zabul provinces</b>										
<b>Reported dated</b>	<b>Province</b>	<b>District</b>	<b>Village</b>	<b>&lt;5 cases</b>	<b>≥5 cases</b>	<b>Total cases</b>	<b>Deaths</b>	<b>Vaccination coverage</b>		<b>Recommendation/Action taken</b>
								<b>Reported</b>	<b>Assessed</b>	
6/2/2023	Nangarhar	Khiwa	Kandow Shaga	6	3	9	0	70%	44%	<p>In this week, 11 suspected Measles outbreaks were reported from <b>Nangarhar, Farah, Helmand, Khost, Kunar, Samangan, Urozgan and Zabul provinces.</b> 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>
5/2/2023	Farah	Bala Bolook	Alakina And Enzar	17	4	21	0	0	30%	
8/2/2023	Helmand	Kajaki	Zamin Dawar	6	5	11	0	0%	0%	
9/2/2023		Marjah	Haji Tor Aka Kali	1	9	10	0	NA	18%	
5/2/2023	Khost	Center	Khair Un Nass	8	11	19	0	N/A	39%	
5/2/2023	Kunar	Dara-E-Epach	Qandaro o And Waderoo	22	6	28	0	95%	70%	
7/2/2023	Samangan	Aybak	Gul Qeshlaq	1	5	6	0	2130	1	
4/2/2023	Urozgan	Tarinkot	Naqil Tori Kochian	5	5	10	0	97%	35%	
5/2/2023		Tarinkot	Marabad Toot	5	10	15	0	77%	0%	
4/2/2023	Zabul	Mizan	Mar Khan Chak	8	3	11	0	97%	9,9%	
5/2/2023		Qalat	Kormay Kali	5	3	8	0	97%	37%	

**Clinical Scabies outbreaks from Kabul, Badghis Kunduz, Laghman and Paktya provinces**

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
6/2/2023	Kabul	Qarabagh	Bagh Aareq	30	0	During this week <b>05 Clinical Scabies</b> outbreaks were reported from <b>Kabul, Badghis, Kunduz, Laghman and Paktya</b> provinces, case management was done. Health education sessions were conducted for all the cases.
5/2/2023	Badghis	Qadis	Qadis Prison	10	0	
7/2/2023	Kunduz	<b>Chahardara</b>	<b>Naw Abad</b>	19	0	
2/2/2023	Laghman	Alingar	Nalyar, Kotali and Lawkar	117	0	
7/2/2023	Paktya	Ahmadaba	Roadbazar	54	0	

**Suspected chickenpox outbreaks from Badakhshan, Ghor, Nimroz and Urozgan provinces**

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
7/2/2023	Badakhshan	Argo	Dooki	27	0	During this week <b>05 suspected chickenpox</b> outbreaks were reported from <b>Badakhshan, Ghor, Nimroz and Urozgan</b> Provinces, case management was done. Health education sessions were conducted for all the cases.
2/2/2023	Ghor	Dulatyar	Sang Safid, Chakab, Ahmad Abad and Sang Shorah	50	0	
5/2/2023		Dulaina	Bidak Jalal, Yurt Nazar and Chashma Safid	133	0	
08/02/2023	Nimroz	Zarang	Masum Abad	7	0	
9/2/2023	Urozgan	Tarinkot	Nowbahar	8	0	

**Suspected Leishmania outbreaks from Badakhshan and Kabul provinces**

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
5/2/2023	Badadkhshan	Baharak	Toghak	80	0	During this week <b>03</b> suspected <b>Leishmania</b> outbreaks were reported from <b>Badakhshan and Kabul</b> provinces, case management was done. Health education sessions were conducted for all the cases.
7/2/2023		Gurm	Baqasum	30	0	
8/2/2023	Kabul	District 17	Guzar 50 Sare Kotal	38	0	

ARI/Pneumonia outbreaks from Helmand and Urozgan provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
7/2/2023	Helmand	Lashkarga City	Mukhtar	5	0	During this week <b>02 ARI/Pneumonia</b> outbreaks were reported from <b>Helmand and Urozgan</b> provinces, case management was done. Health education sessions were conducted for all the cases.
6/2/2023	Urozgan	Tarinkot	Dayka Kali	47	0	

Suspected Pertussis outbreak from Urozgan province						
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
05/02/2023	Urozgan	Trinkot	Sarkhom	16	0	During this week <b>01</b> suspected <b>Pertussis</b> outbreak was reported from <b>Urozgan</b> province, case management was done. Health education session was conducted for all the cases.

Suspected Mumps outbreak from Kunduz province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
6/2/2023	Kunduz	Chardarah	Esa Khail	14	0	During this week <b>01</b> suspected <b>Mumps</b> outbreak was reported from <b>Kunduz</b> province, case management was done. Health education session were conducted for all the cases.

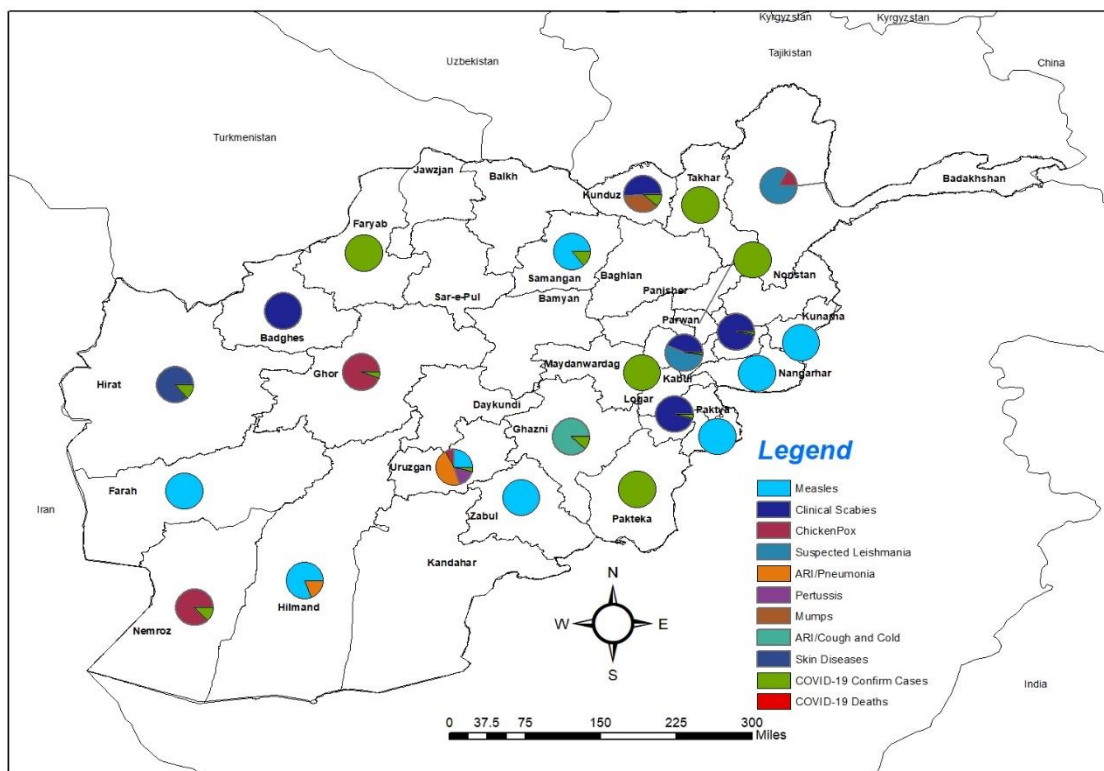
Skin diseases outbreak from Herat province						
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
08/02/2023	Herat	City	City Prison	545	0	During this week <b>01 Skin diseases</b> outbreak was reported from <b>Herat province</b> , case management was done. Health education session was conducted for all the cases.

**Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 11 Feb 2023)**

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	48	18	566	0
CCHF	4	0	4	0
Dog bites/Suspected Rabies	11	0	93	0
Pertussis	10	0	96	0
Acute Watery Diarrhea	0	0	0	0
Food Poisoning	0	0	0	0
Unknown Poisoning	0	0	0	0

Scabies	13	0	655	0
Chickenpox	16	0	550	0
Leishmaniosis	3	0	148	0
Cat bite suspected rabies	0	0	0	0
Mumps	9	0	125	0
Diphtheria	0	0	0	0
Pneumonia	25	0	945	6
ARI Cough and cold	1	0	24	0
Dengue fever	0	0	0	0
Skin disease	1	0	545	0
Anthrax	1	0	1	0
Confirmed Malaria	0	0	0	0
Acute Viral Hepatitis (AVH)	0	0	0	0
COVID-19	1	1	1264	39
<b>Grand Total</b>	<b>143</b>	<b>19</b>	<b>5016</b>	<b>45</b>

**Figure 4: COVID-19, Suspected Measles, Suspected Scabies, Suspected Chickenpox, Suspected Leishmania, Suspected Pneumonia, Suspected Pertussis, Suspected Mumps, Skin Disease and Covid-19 cases and deaths during the week 06<sup>th</sup> 2023**



### Laboratory surveillance:

A total of **2887** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **190** specimens were confirmed for COVID-19, **25** specimens were confirmed for **Measles**, **14** specimens were confirmed for **Acute Viral Hepatitis**, **05** specimens were confirmed for **Dengue Fever**, **05** specimens were confirmed for **ILI** and **01** specimens were confirmed for **Malaria**. (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:



In Epidemiological week 6th 2023, we have received Epidemiological reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyān, Baghlan, Nangarhar, Kapisa and Paktya). Out of all new hospital admissions, 342 (8.6%) Severe Acute Respiratory Infections cases were reported and 69% were under 5 years old. The proportion of SARI cases were slightly decreased compared to week 5th 2023. 03 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 (41%), Kapisa (38.7%), and Bamyān (16.5%) 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, **1979** specimens were tested for suspected COVID-19. Out of which **190** specimens were confirmed for COVID-19 by RT-PCR.

- COVID-19 case positivity rate was 9.6 % in this week, which increased 1.4 % compared to the previous week.
- Out of **190** confirmed cases, **865** contacts of **271** confirmed cases were traced that were mostly family members with an average of 3 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 **39,448** 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 1.4% this week and had 03 deaths
- Measles cases are still a public health concern in the country, this week **970** measles cases were reported to the surveillance system
- ARI pneumonia cases are on the increasing trend compared to last weeks and the same weeks of the previous year
- Weak response system to outbreaks at the national level

### Recommendations:

- COVID-19 preventive and control measures should be strengthened
- Public awareness regarding ARI pneumonia 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 **970** suspected Measles cases with 01 death 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.