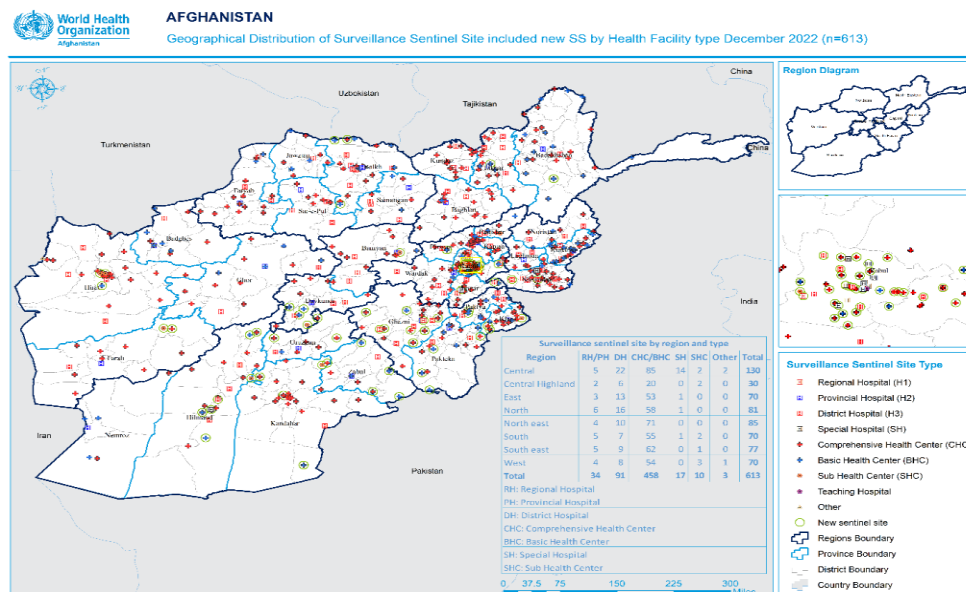


Summary:

- Out of **613** functional Surveillance sentinel sites, **585 (95.4%)** have submitted reports this week.
- A total of **625,066** new consultations, **241,641 (38.7%)** were due to Surveillance targeted diseases. That included **128,179 (53%)** males and **113,462 (47%)** females. Also, **111,050 (46%)** under five years old and **130,591 (54%)** five years old and over, reported this week.
- The main causes of consultations in this week were ARI Cough & Cold, **165,891 (26.5%)** cases out of total new consultations, Acute Diarrheal Diseases **35,513 (5.7%)** cases out of total new consultations, and Pneumonia **34,427 (5.5%)** cases out of total new consultations.
- A total of **242** deaths were reported this week, of which **82 (33.9%)** deaths were due to Surveillance targeted diseases, which include **72 Pneumonia** deaths, **03 Suspected Meningitis/ Severely Ill Child** deaths, **03 Pregnancy-related** deaths **02 Suspected Measles** deaths, **01 Acute Watery Diarrhea (AWD) with Dehydration** death, **01 Suspected Acute Viral Hepatitis** death.
- In addition, during this week **23** outbreaks were reported (**06** Suspected **Chickenpox** outbreaks were reported from **Helmand, Nimroz, Takhar and Wardak** Provinces, **06 Clinical Scabies** outbreaks were reported from Jawzjan, Kabul and Logar Provinces, **05 Suspected Measles** outbreaks were reported from **Nangarhar, Helmand, Kabul and Urozgan** Provinces, **03 Dog bite/Suspected Rabies** outbreaks were reported from **Takhar, Kabul and Wardak** Provinces, **01 Suspected Anthrax** outbreak was reported from **Daikundi** Province and **02 Suspected Mumps** outbreaks were reported from **Takhar and Urozgan** Provinces.
- Moreover, **129** COVID-19 confirmed cases and **927** Suspected **Measles** cases were reported at national level.

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



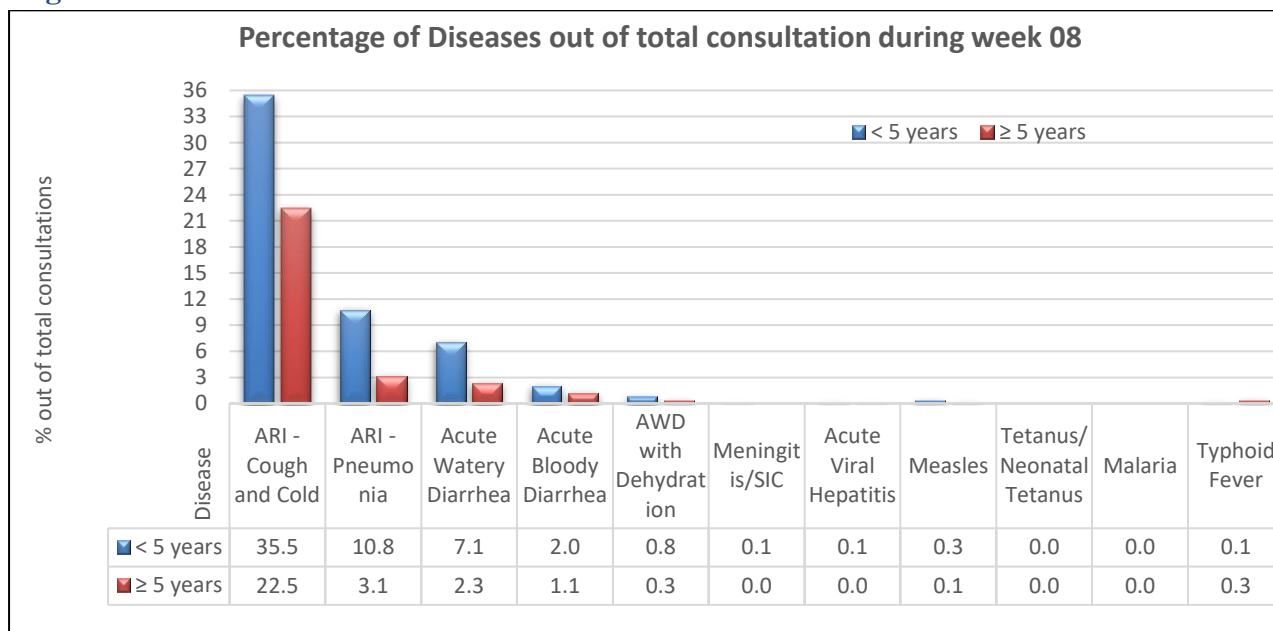
**Table 1: Coverage of NDSR Surveillance System**

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**

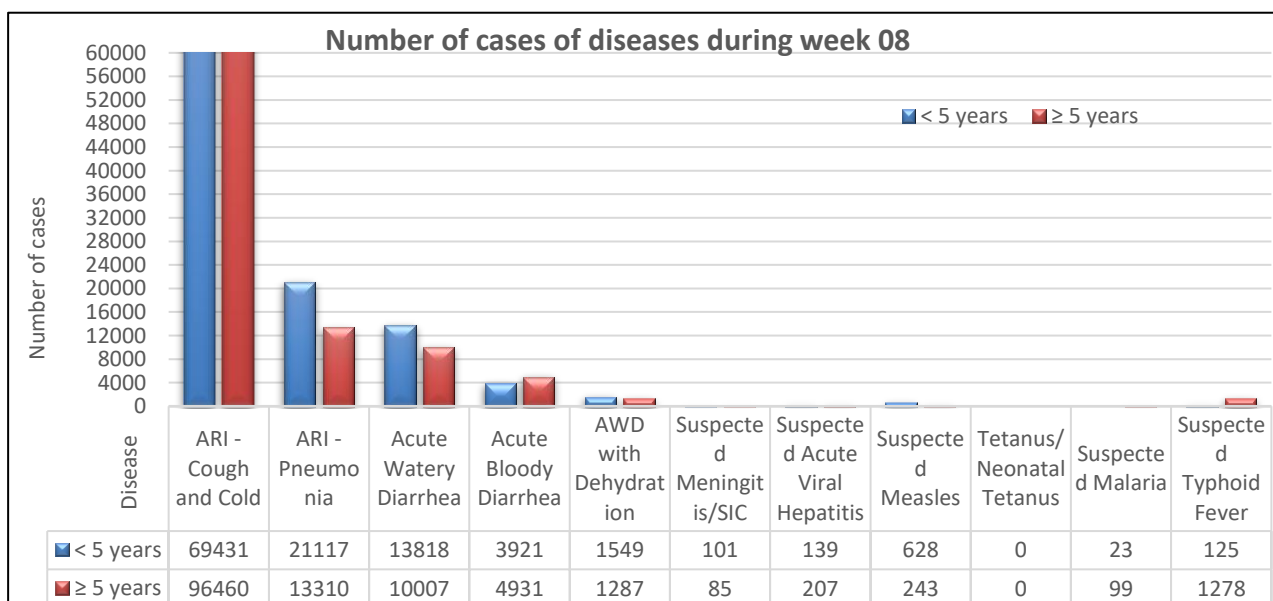


Table 2: Cases and deaths due to VPDs by age group during week 08<sup>th</sup> 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	628	243	871	2	0	2	0.23
Suspected Pertussis	12	0	12	0	0	0	0.00

Seasonal Diseases:

Figure 3: A

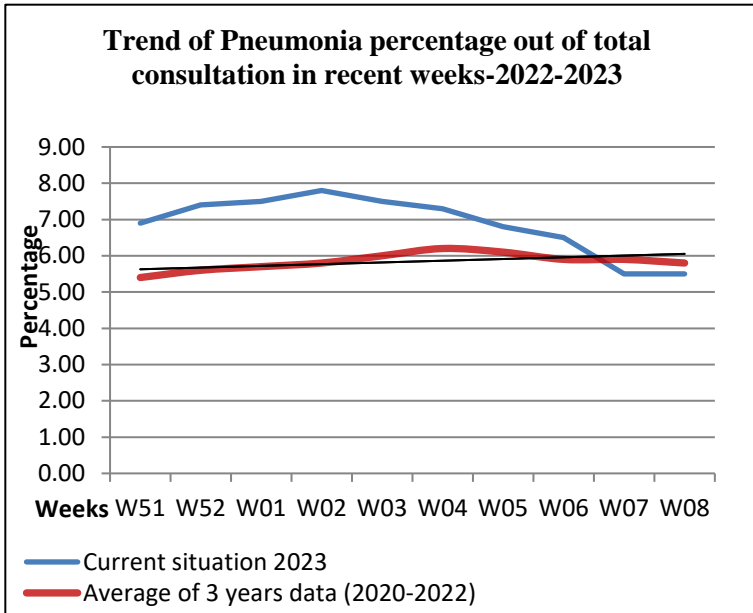


Figure 3: B

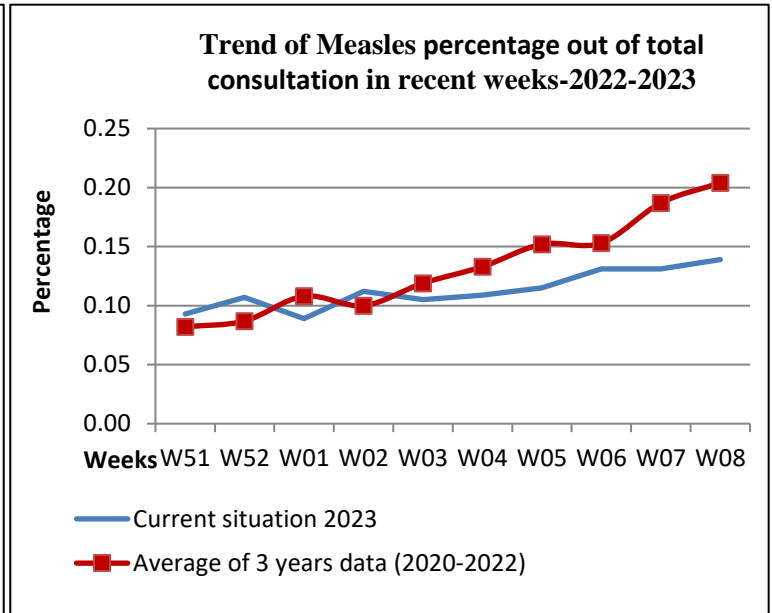


Figure 3: C

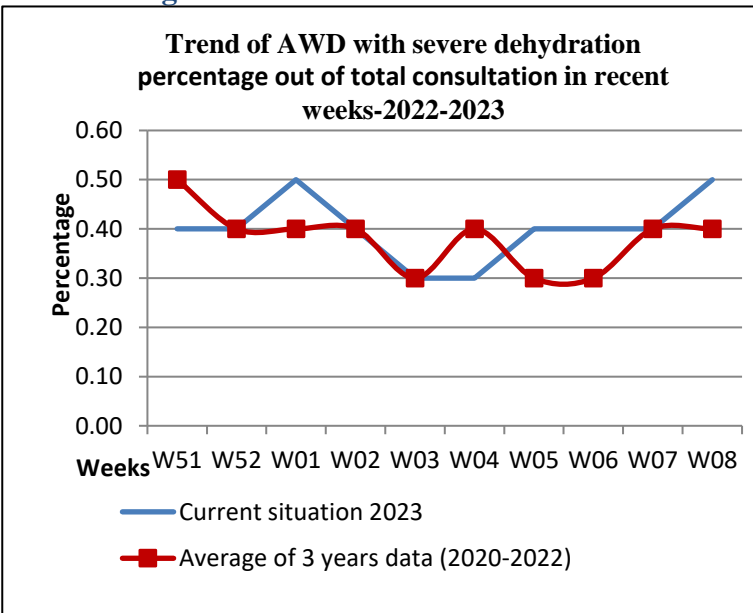
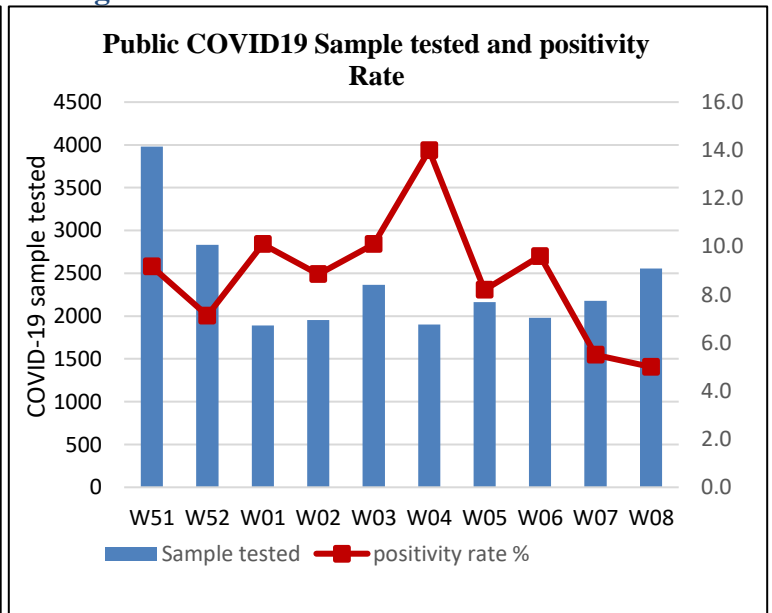


Figure 3: D



**Table 3: Outbreaks in week 08<sup>th</sup> 2023:**

Suspected chickenpox outbreaks from Helmand, Nimroz, Takhar and Wardak provinces						
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
18/02/2023	Helmand	Lashkarga City	Mukhtar	15	0	During this week <b>06 suspected chickenpox</b> outbreaks were reported from <b>Helmand, Nimroz, Takhar and Wardak</b> Provinces, case management was done. Health education sessions were conducted for all the cases.
22/02/2023			Haji Samad Aka	7	0	
21/02/2023	Nimroz	Zarang	Mulla Karim	6	0	
19/02/2023	Takhar	Taluqan	Nahri Chaman	5	0	
22/02/2023		Farkhar	Qapanqar	4	0	
20/02/2023	Wardak	Dimerdad	Babak	25	0	

Clinical Scabies outbreaks from Jawzjan, Kabul, Logar and Paktya provinces						
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
19/02/23	Jawzjan	Aqcha	Gozar Qandel	7	0	During this week <b>06 Clinical Scabies</b> outbreaks were reported from <b>Jawzjan, Kabul, Logar and Paktya</b> provinces, case management was done. Health education sessions were conducted for all the cases.
22/02/2023	Kabul	Mirbacha Kot	Pul E Sufyaan	48	0	
22/02/2023		Guldara	Surkhi	53	0	
23/02/23	Logar	Puli Alam	Kunjak	5	0	
21/02/2023	Paktya	Chamkani	Peran Village	41	0	
20/02/2023		Sayidkaram	Kotky Village	27	0	

Suspected Measles outbreaks from Nangarhar, Helmand, Kabul and Urozgan Provinces										
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Reported	Assessed	
19/02/2023	Nangarhar	Ghanikhil	Salamat Haji Form	7	0	7	0	100%	70%	In this week, <b>05</b> suspected Measles outbreaks were reported from <b>Nangarhar,</b>

19/02/2023	Helmand	Baghran	Sargocho	4	9	13	0	NA	19%	<b>Helmand, Kabul and Urozgan 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.
19/02/2023	Kabul	Paghman	Kushkak Bala	6	5	11	0	NA	0	
18/02/2023	Urozgan	Khas Urozgan	Shikhan	12	2	14	0	70%	30%	
19/02/2023			Garmab	6	5	11	0	75%	35%	

#### Dog bites/ Suspected Rabies outbreaks from Takhar, Kabul and Wardak provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
19/02/2023	Takhar	Taluqan	Namak Froshi	3	0	During this week <b>03 Dog bites/suspected Rabies</b> outbreaks were reported from <b>Takhar, Kabul and Wardak</b> provinces, case management was done. Health education sessions were conducted for all the cases.
20/02/2023	Kabul	Qarabagh	Langikheil	11	0	
20/02/2023	Wardak	Said Abad	Amer Khil	3	0	

#### Suspected Mumps outbreaks from Takhar and Urozgan provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
24/02/2023	Takhar	Rarkhar	Khafdara	4	0	During this week <b>02 Suspected Mumps</b> outbreaks were reported from <b>Takhar and Urozgan</b> provinces, case management was done. Health education sessions were conducted for all the cases.
24/02/2023	Urozgan	Tarinkot	Charmagar	6	0	

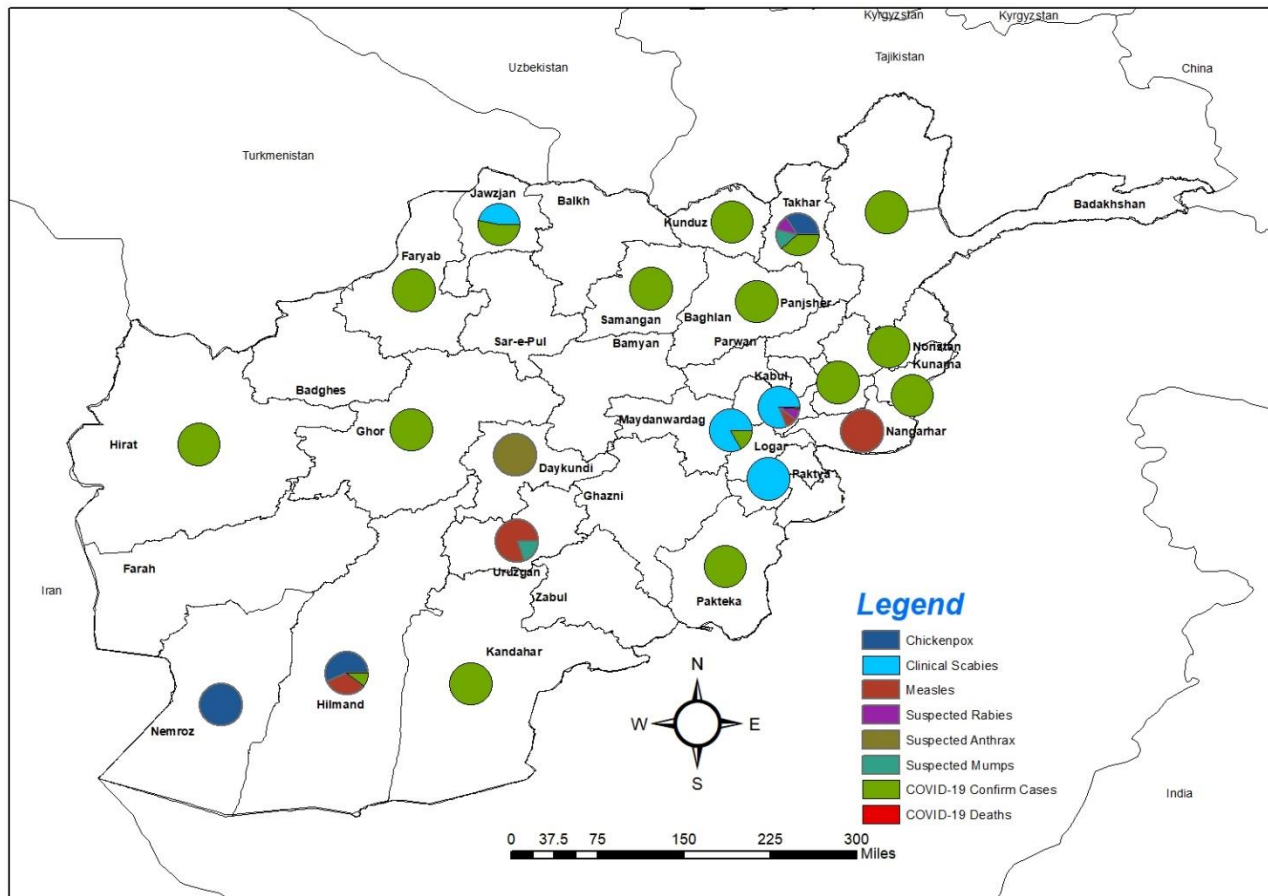
#### Suspected Anthrax outbreak from Daykundi province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
23/02/2023	Daikundi	Sange Takht	Shek Ali	1	0	During this week <b>01 Suspected Anthrax</b> outbreaks was reported from <b>Daykundi</b> 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 25 Feb 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	69	18	808	0
CCHF	4	0	4	0
Dog bites/Suspected Rabies	15	0	132	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	22	0	866	0
Chickenpox	30	0	799	0
Leishmaniosis	3	0	148	0
Cat bite suspected rabies	0	0	0	0
Mumps	13	0	147	0
Diphtheria	0	0	0	0
Pneumonia	28	0	1017	6
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
COVID-19	1	1	1514	40
<b>Grand Total</b>	<b>199</b>	<b>19</b>	<b>6102</b>	<b>46</b>

**Figure 4: COVID-19, Suspected Chickenpox, Clinical Scabies, Suspected Measles, suspected Rabies, Suspected Anthrax, Suspected Mumps, and Covid-19 cases and deaths during the week 08<sup>th</sup> 2023**



**Laboratory surveillance:**

A total of **4154** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **129** specimens were confirmed for COVID-19, **117** specimens were confirmed for **Measles**, **11** specimens were confirmed for **Acute Viral Hepatitis**, **11** specimens were confirmed for **Dengue Fever**, **05** specimens were confirmed for **SARI**, **03** specimens were confirmed for **ILI** and **02** specimens were confirmed for **Malaria**. (Follow-up by the CPHL is going on).

**Influenza Surveillance activities:**

In Epidemiological week 8th 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, 233 (6.4%) Severe Acute Respiratory Infections cases were reported and 69% were under 5 years old. The proportion of SARI cases were slightly increased compared to week 7th 2023. 04 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 (33.0%), Kapisa (25.2%), and Bamyān (14.2%) 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, **2556** specimens were tested for suspected COVID-19. Out of which **129** specimens were confirmed for COVID-19 by RT-PCR.

- COVID-19 case positivity rate was 5.1 % in this week, which decreased 0.4 % compared to the previous week.
- Out of **129** confirmed cases, **669** contacts of **157** 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 **33102** passengers have been screened for COVID-19 at the points of entry of five provinces (Balkh, Herat, Nangarhar, Kandahar and Nimroz).

### **Challenges:**

- Measles cases are still a public health concern in the country, this week **927** 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 **927** suspected Measles cases with 02 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.