

Summary:

- Out of **519** functional Surveillance sentinel sites, **511 (98.5%)** have submitted reports this week.
- A total of **554,261** new consultations, **215,928 (39%)** were due to Surveillance targeted diseases. That included **113,958 (52.8%)** males and **101,970 (47.2%)** females. Also, **106,582 (49.4%)** under five years old and **109,346 (50.6%)** five years old and over, reported this week.
- The main causes of consultations in this week were ARI Cough & Cold, **114,576 (20.7%)** cases out of total new consultations, Acute Diarrheal Diseases **72,587 (13.1%)** cases out of total new consultations, and Pneumonia, **21,022 (3.8%)** cases out of total new consultations.
- A total of **236** deaths were reported this week, of which **49 (20.8%)** deaths were due to Surveillance targeted diseases, which include **28** Pneumonia deaths, **05** COVID 19 deaths, **05** Acute Watery Diarrhea (AWD) with Dehydration deaths, **03** Suspected Acute Viral Hepatitis deaths, **02** Suspected Meningitis/ Severely Ill Child deaths, **05** Suspected Measles death, **01** Pregnancy-related death.
- In addition, during this week **19** outbreaks reported (**06 Suspected CCHF** outbreaks were reported from Kabul, Herat, Badghis and Faryab, **03 Dengue Fever** outbreaks were reported from Kabul Province, **02 AWD** outbreaks were reported from Helmand and Kunduz Provinces, **02 Suspected Measles** outbreaks were reported from Badakhshan and Kapisa provinces, **02 Suspected Anthrax** outbreaks were reported from Badakhshan province, **01 Suspected chickenpox** outbreak was reported from Wardak province, **01 Dog bites/ Suspected Rabies** outbreak was reported from Takhar province, **01 Suspected Scabies** was reported from Wardak and **01 confirmed Malaria** Outbreak was reported from Zabul Province).
- Moreover, **1005** COVID-19 confirmed cases and **600** suspected Measles cases with 05 deaths due to Measles were reported at the national level.

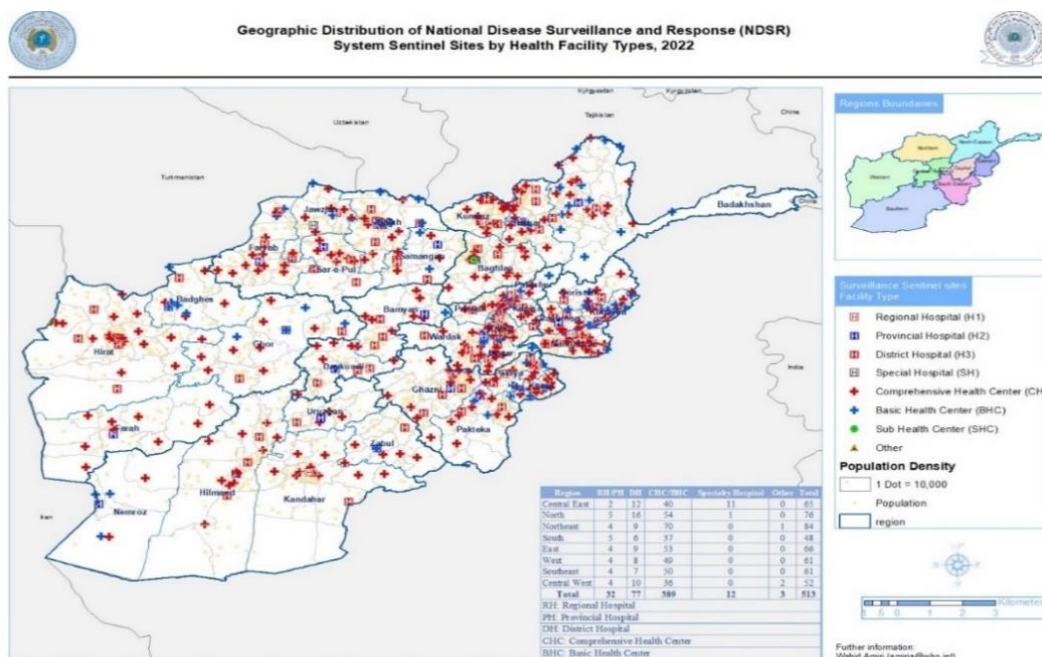


Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2022

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	6	25	80	310	80	13	1	4	519

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

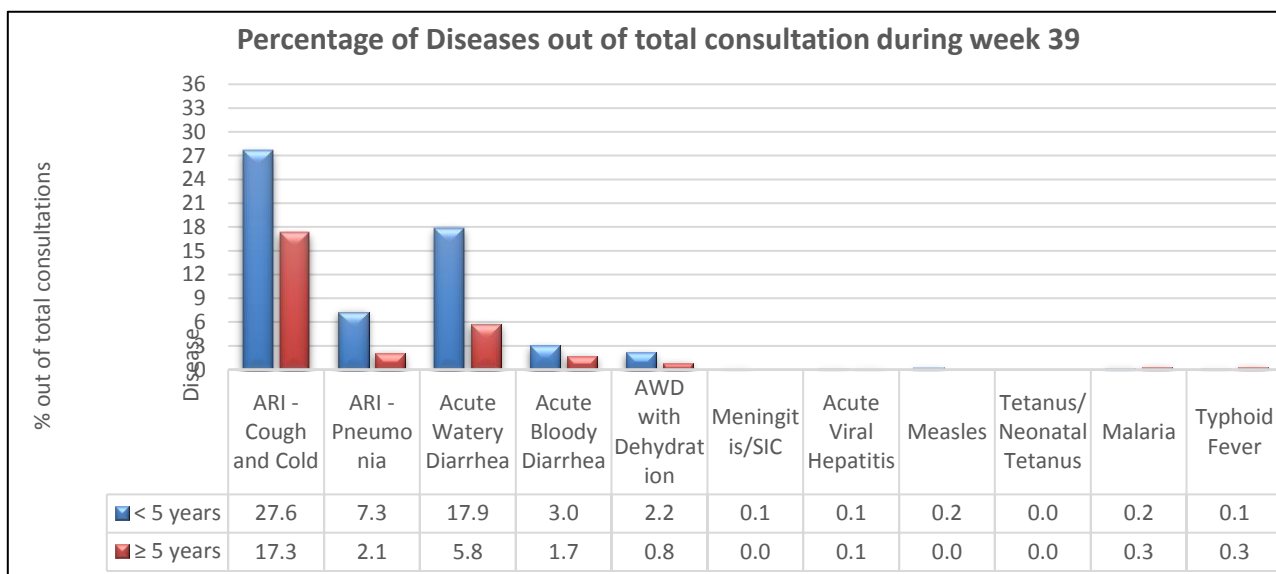


Figure 2: B

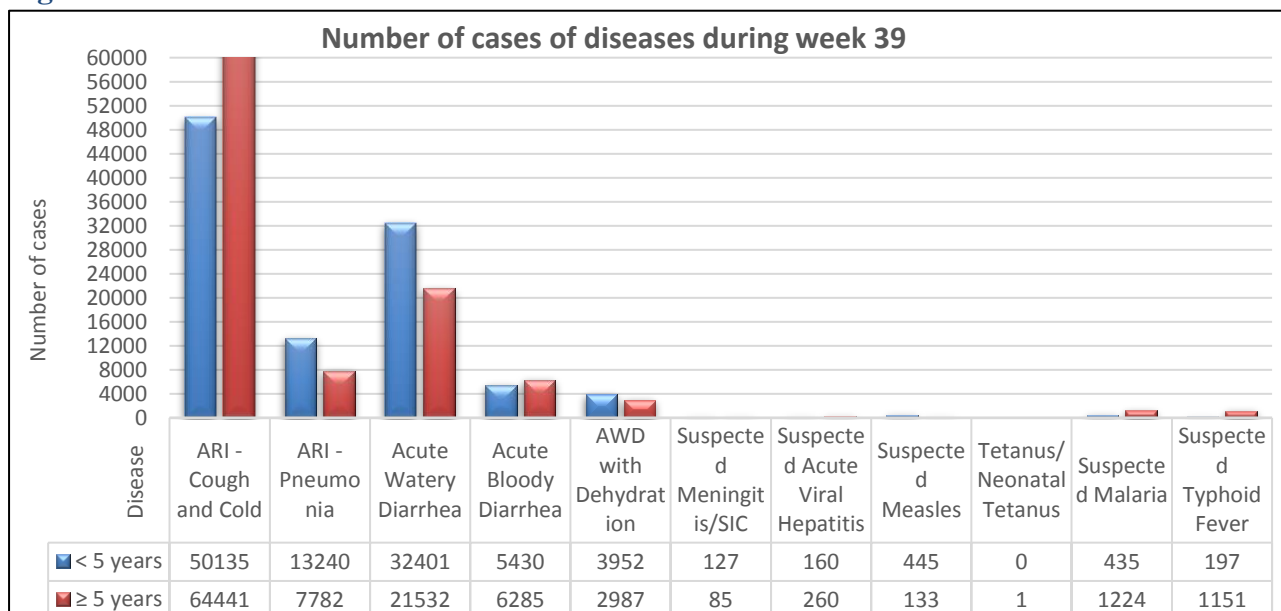


Table 2: Cases and deaths due to VPDs by age group during week 39th, 2022

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	445	133	578	1	0	1	0.17

Seasonal Diseases:

Figure 3: A

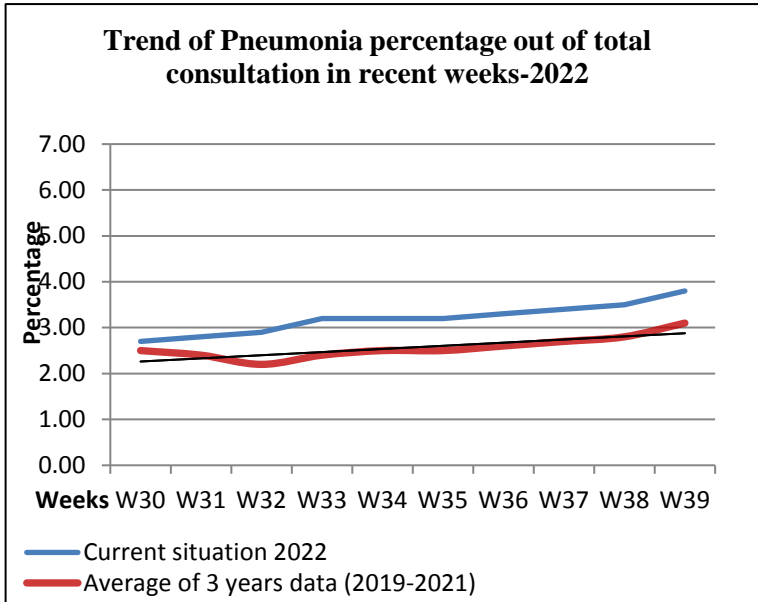


Figure 3: B

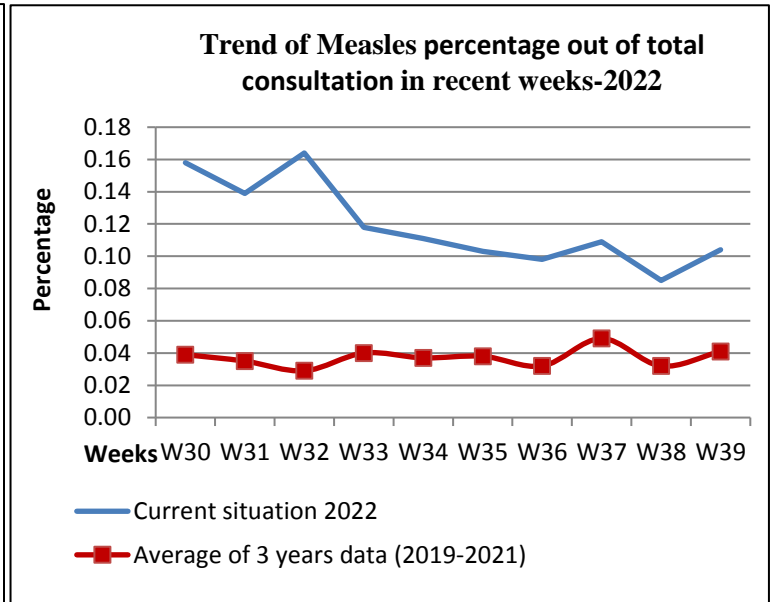


Figure 3: C

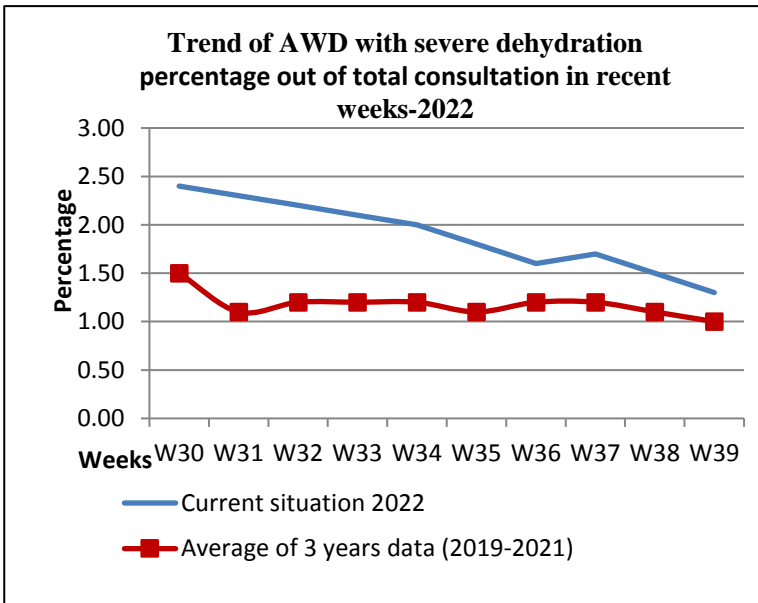


Figure 3: D

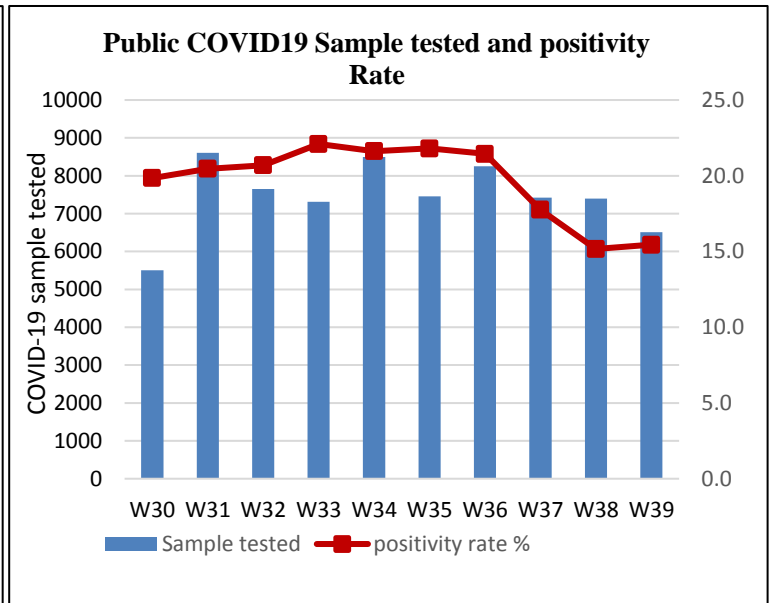


Table 3: Outbreaks in week 39th:

Suspected CCHF Cases (Kabul, Herat, Badghis and Faryab) provinces								
Reported date	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action taken
1/10/2022	Kabul	District 4	Baraki	1	0	20Y	Butcher	During this week 06 suspected CCHF cases were reported from Kabul, Herat, Badghis and Faryab provinces. Case management was done for all the cases, health education sessions were conducted and the information was shared with related departments and animal health as well, to take preventive and control measures.
28/09/2022		Bagrami	Bagrami	1	0	28Y	Butcher	
1/10/2022	Herat	Injil	Charbaq firoza	1	0	55Y	Other	
1/10/2022		City	Now Abad	1	0	15Y	Housewife	
28/09/2022	Badghis	Bala morghab	Morichaq	1	0	35Y	Farmer	
28/09/2022	Faryab	Shirin Tagab	Khanaqa Kalan	1	0	23Y	Other	
AWD outbreaks from (Helmand and Kunduz) Provinces								
Reported date	Province	District	Village	Total cases	Total deaths	Recommendation/ Action take		
27/09/2022	Helmand	Nawa	Haji Khaista Gul	42	0	During this week 02 AWD outbreaks were reported from Helmand and Kunduz Provinces. Case management was done, and health education sessions were conducted for all the cases. More updates will be shared through follow-up and final investigation reports.		
26/09/2022	Kunduz	Khan Abad	Laghmani	08	0			
Suspected Chickenpox outbreak from (Wardak) province								
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take		
27/09/2022	Wardak	Jaghato	Bara Alana	19	0	During this week 01 suspected Chickenpox outbreak was reported from Wardak province. Case management was done, health education sessions were conducted for all the cases.		

Confirmed Malaria outbreak from (Zabul) province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
26/09/2022	Zabul	Qalat	Qumandani Musjad	34	0	During this week 01 confirmed Malaria outbreak was reported from Zabul province. Case management was done, health education sessions were conducted for all the cases.

Dengue Fever outbreak from (Kabul) province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
28/09/2022	Kabul	District 5	Khushal Khan	1	0	During this week 02 lab confirmed and 01 suspected Dengue fever outbreaks were reported from Kabul province, case management was done. Health education sessions were conducted for all the cases.
28/09/2022		District 5	Niaz Baig	3	0	
28/09/2022		District 8	Karte Naw	1	0	

Suspected Anthrax outbreak from (Badakhshan) province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
26/09/2022	Badakhshan	Darayem	Pingani	2	0	During this week 02 suspected Anthrax outbreaks were reported from Badakhshan province, case management was done. Health education sessions were conducted for all the cases.
26/09/2022		Shuhada	Yabab	3	0	

Dog bites/Suspected Rabies outbreak from (Takhar) province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
30/09/2022	Takhar	Taluqan	Aahandarah	3	0	During this week 01 Dog bites/Suspected Rabies outbreak was reported from Takhar province, case management was done. Health education sessions were conducted for all the cases.

Suspected Scabies outbreak from (Wardak) province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
27/09/2022	Wardak	Jaghato	Bara Alana	21	0	During this week 01 suspected Scabies outbreak was reported from Wardak province, case management was done. Health education sessions were conducted for all the cases.

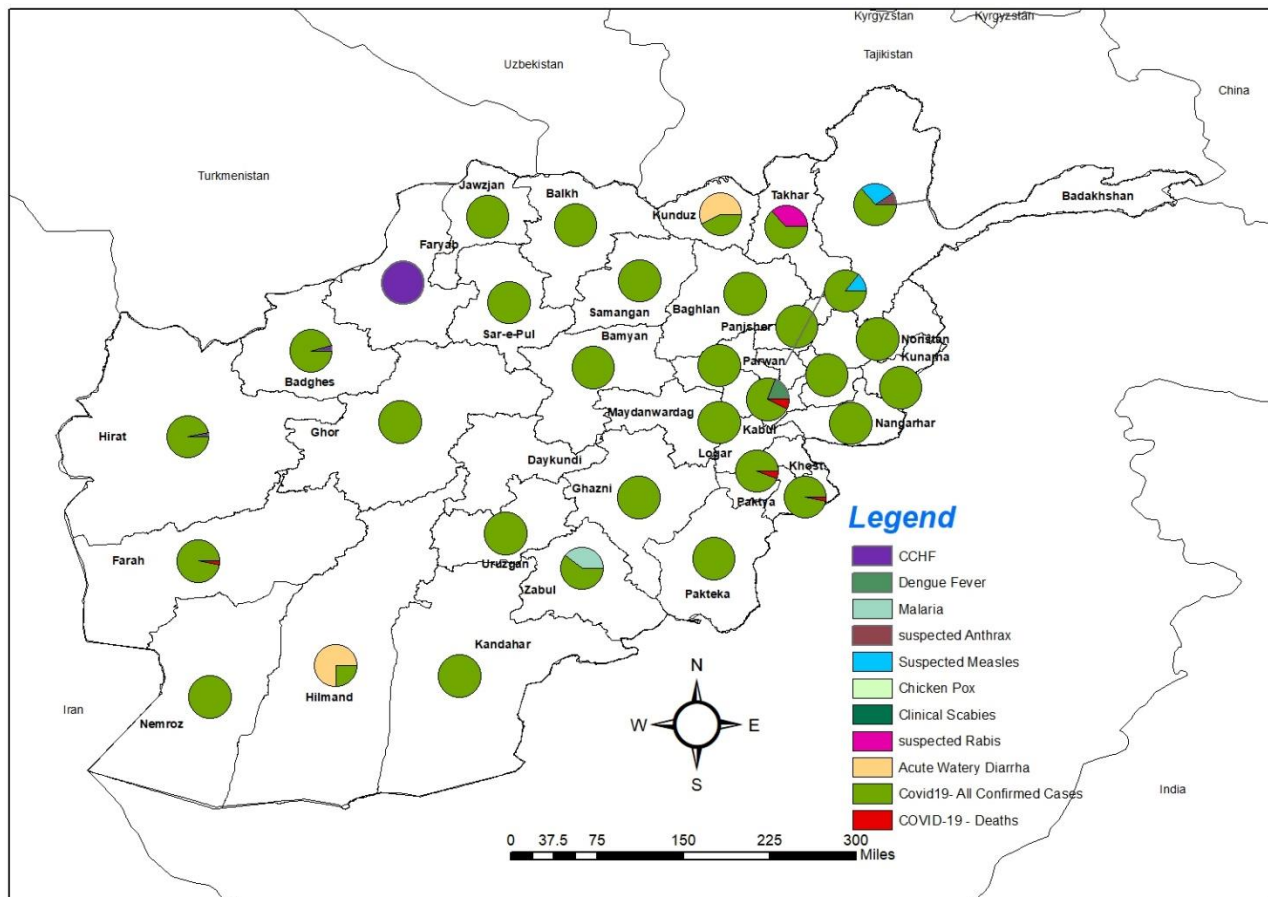
Suspected Measles outbreaks (Badakhshan and Kapisa) provinces

Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Reported	Assessed	
27/09/2022	Badakhshan	Wakhan	Dehghluman	09	5	14	3	NA	NA	<p>In this week, 02 suspected Measles outbreaks were reported from Badakhshan and Kapisa provinces.</p> <p>The outbreaks were investigated, case management was done for all the cases. Also, health education session was conducted.</p> <p>Vaccination of children in the surrounding villages of the affected area is going on.</p>
25/09/2022	Kapisa	Kohband	Dornama	7	1	8	1	80%	30%	

Table 4: Updated outbreaks report during 2022 (26 Dec 2021 to 01 October 2022)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	247	170	3515	112
CCHF	345	82	346	11
Dog bites/Suspected Rabies	20	1	132	0
Pertussis	31	1	185	10
Acute Watery Diarrhea	69	13	4268	8
Food Poisoning	15	0	356	2
Unknown Poisoning	1	0	5	2
Scabies	8	0	133	0
Chickenpox	26	1	273	0
Leishmaniosis	3	0	67	0
Cat bite suspected rabies	1	0	4	0
Mumps	2	0	22	0
Diphtheria	2	0	2	0
Pneumonia	1	0	25	0
Dengue fever	5	2	11	0
Skin disease	1	0	3	0
Anthrax	3	0	10	1
Confirmed Malaria	5	5	1355	0
COVID-19	1	1	44414	510
Grand Total	786	275	55126	656

Figure 4: COVID-19, Suspected CCHF, AWD, suspected Chickenpox, confirmed Malaria, Dengue Fever, suspected Anthrax, Dog bites/Suspected Rabies, suspected Scabies and suspected Measles cases and deaths during the week 39th



Laboratory surveillance:

A total of **7455** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **1005** specimens were confirmed for COVID-19, **54** specimens were confirmed for Malaria, **28** specimens were confirmed for Cholera, **15** specimens were confirmed for Measles, **01** specimen was confirmed for Diphtheria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 39th 2022, 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, 207 (5.6 %) Severe Acute Respiratory Infections cases were reported and 66% were under 5 years old. The proportion of SARI cases were slightly increased compared to week 38th 2022. 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 Kapisa (20.6 %), Bamyan (19.8 %), and Kabul (17 %) provinces. During this Epi-week, our field staff shipped 32 SARI and 21 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week, **7253** specimens were tested for suspected COVID-19. Out of which **1005** specimens were confirmed for COVID-19 by RT-PCR.

- COVID-19 cases positivity rate was 13.85 % in this week, which decreased 1.34% compared to previous week.
- Bed occupancy rate (BOR) at the national level was **51.3%**, which decreased 1.3 % compared to last week.
- Out of **1005** confirmed cases, **2695** contacts of **899** 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 in the points of entry for fever. In addition, health education was conducted for them, about **42613** passengers have been screened for COVID-19 in the points of entry of five provinces (Balkh, Nangarhar, Herat, Kandahar and Nimroz).

Challenges:

- AWD outbreaks and diarrheal diseases cases are still a public health problem, in this week we had 02 AWD outbreaks with 05 deaths due to AWD with dehydration.
- Suspected Measles cases are increased compared to the previous week, in this week **600** suspected measles cases and 05 deaths due to Measles were reported.

Recommendations:

- Strong preventive and control measures are needed for the control of AWD cases at the national level.
- Measles vaccination and preventive measures should be strengthened and the measles response strategy should be revised.
 - **EPI:** As the surveillance system detected **600** suspected Measles cases with 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 in different levels and appropriate actions to be taken by the concerned departments.