

Summary:

- Out of 519 functional Surveillance sentinel sites, 485 (93.5%) have submitted reports this week.
- A total of 5581,100 new consultations, 225,818 (40.5%) were due to Surveillance targeted diseases. That included 119,362 males (52.9%) and 106,456 females (47.1%). Also, 109,234 (48.4%) under five years old and 116,584 (51.6%) five years old and over, reported this week.
- The main causes of consultations this week were ARI Cough & Cold, 102,392 cases (18.3%) out of total new consultations, Acute Diarrheal Diseases 97,383 cases (17.4%) out of total new consultations, and Pneumonia, 18,069 cases (3.2%) out of total new consultations.
- A total of 199 deaths were reported this week, of which 48 deaths (24.7%) were due to Surveillance targeted diseases deaths, which include 23 Pneumonia deaths, 05 COVID-19 Deaths, 10 Acute Watery Diarrhea (AWD) with Dehydration deaths, 03 Suspected Acute Viral Hepatitis deaths, 03 Pregnancy-related deaths, 02 Suspected Measles deaths, 01 Suspected Meningitis/ Severely Ill Child death and 01 Typhoid Fever death.
- In addition, during this week **29** outbreaks reported (**21 suspected CCHF** Outbreaks were reported from Badghis, Balkh, Herat, Kabul, Kunduz, Logar and Wardak provinces, **03 AWD** outbreaks were reported from Kunduz, Paktika, and Khost Provinces, **02 suspected Measles** outbreaks were reported from Kapisa and Urozgan provinces, **02 suspected pertussis outbreaks** were reported from Badakhshan and Kapisa provinces and **01 suspected Anthrax** outbreak was reported from Nuristan province).
- Moreover, 1629 COVID-19 confirmed cases and 676 clinical Measles cases were reported at the national level.

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

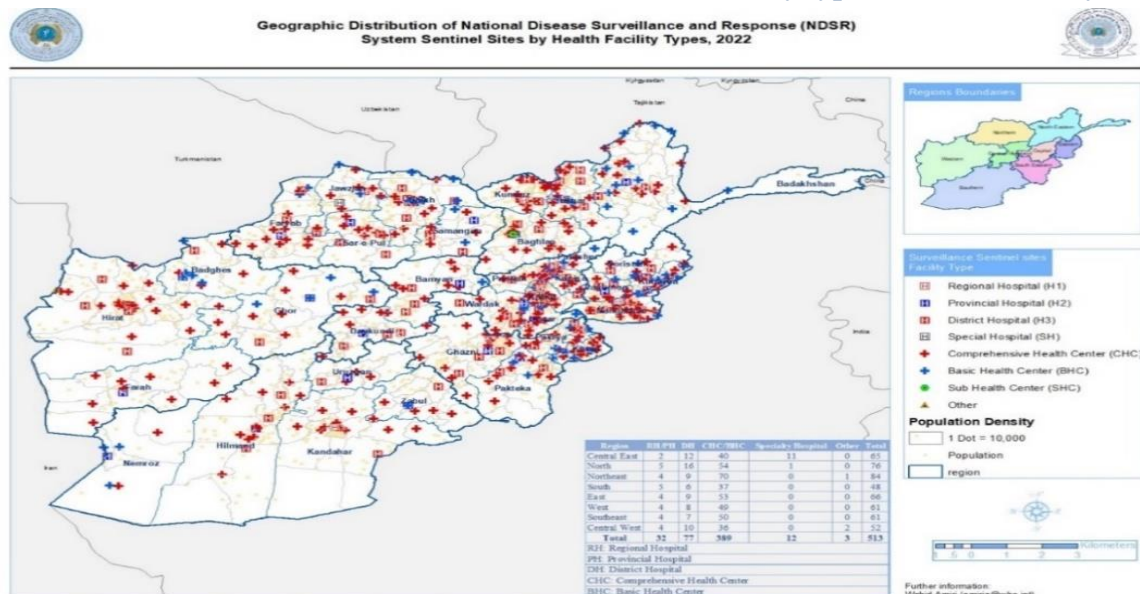


Table 1: Coverage of NDSR Surveillance System

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

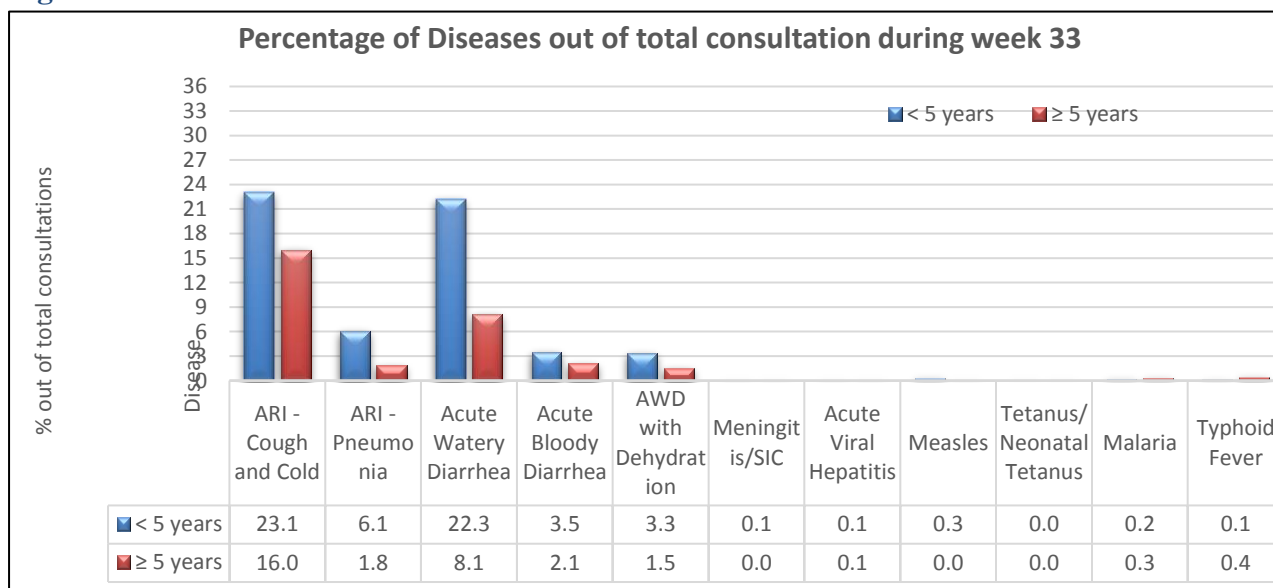


Figure 2: B

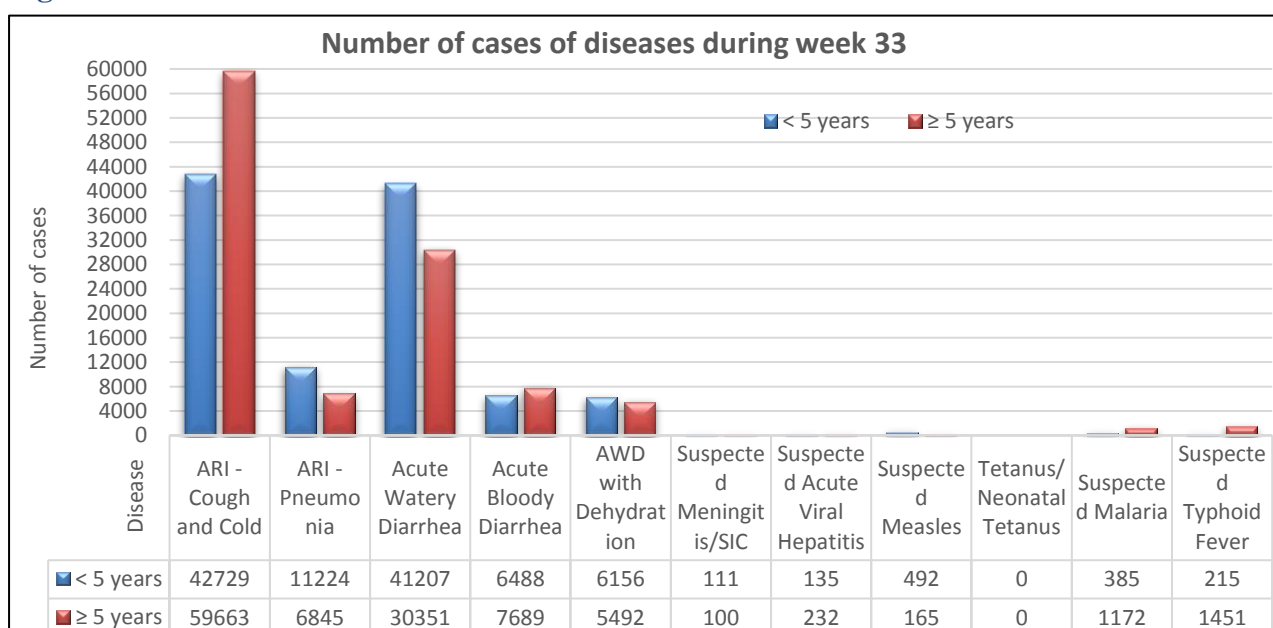


Table 2: Cases and deaths due to VPDs by age group during week 33rd, 2022

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	492	165	657	2	0	2	0.30

Seasonal Diseases:

Figure 3: A

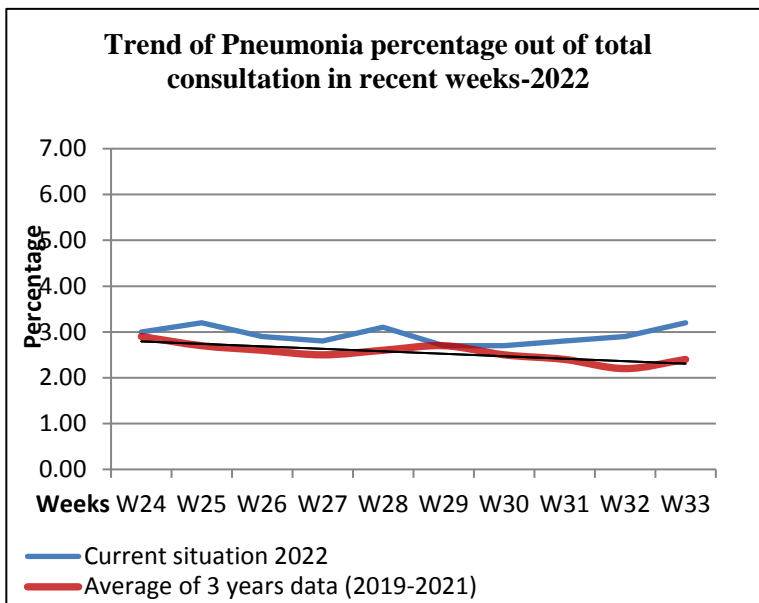


Figure 3: B

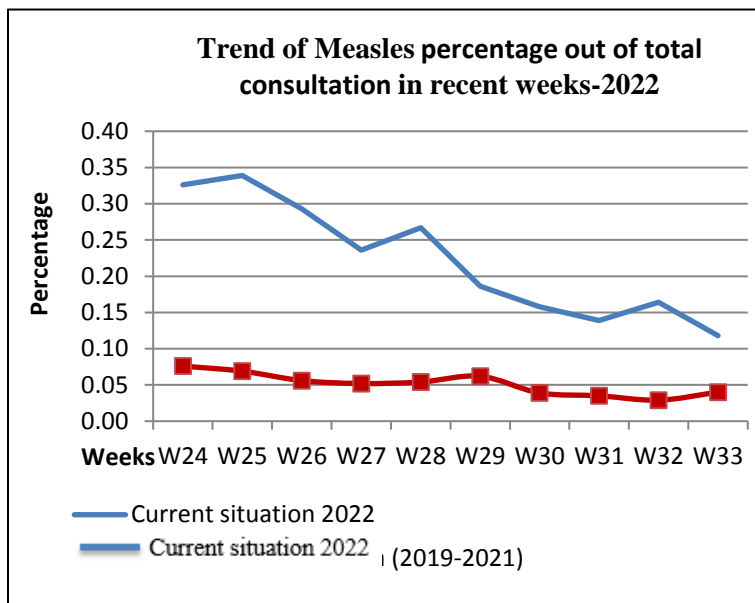


Figure 3: C

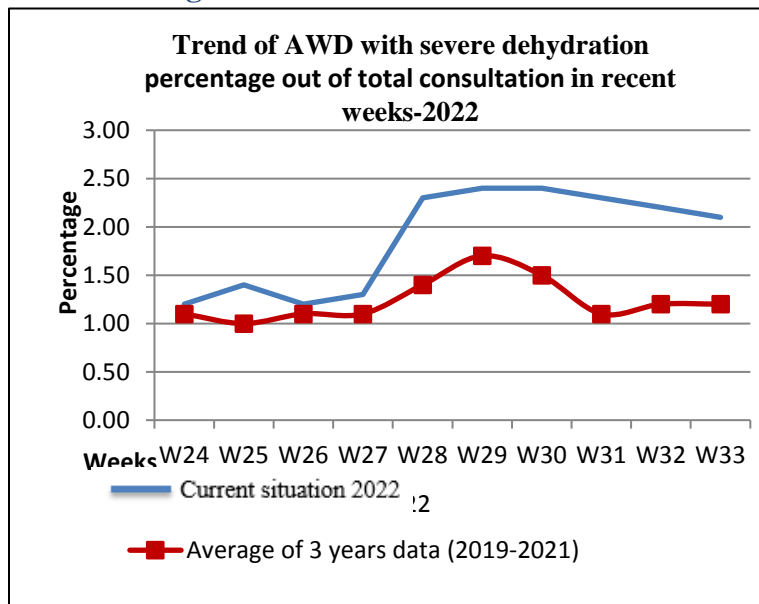


Figure 3: D

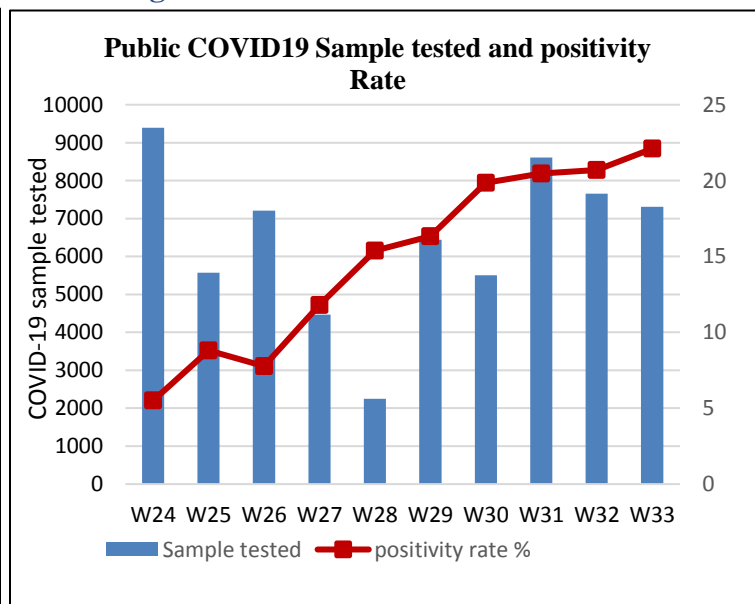


Table 3: Outbreaks in week 33rd:

Suspected CCHF Cases (Badghis, Balkh, Herat, Kabul, Kunduz, Logar and Wardak) provinces

Reported date	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation /Action taken
08/14/22	Badghis	Jwand	Dahan koj	1	0	40Y	Housewife	During this week 21 suspected CCHF cases were reported from Badghis, Balkh, Herat, Kabul, Kunduz, Logar and Wardak 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, to take preventive and control measures.
08/17/22		Ab kamari	Nariman	1	0	40Y	Housewife	
08/15/22	Balkh	Mazare Sharif	Mazare Sharif	1	0	15Y	Housewife	
08/20/22	Herat	Injil	Jafar abad	1	0	15Y	Shepherd	
08/14/22		Krukh	Pushton	1	0	42Y	Shepherd	
08/16/22		City	Guzara	1	0	25Y	Other	
08/16/22		Injil	Porn	1	0	17Y	Other	
08/17/22		Rabat sangi	Darzew	1	0	33Y	Other	
08/14/22		Injil	Sarwistan	1	0	30Y	Shepherd	
08/16/22		Rabat sangi	Jalalabad	1	0	54Y	Other	
08/17/22	City	Gang	1	0	38Y	Butcher		
08/15/22	Kabul	District 10	Charqala	1	0	22Y	Butcher	
08/15/22		District 2	Deh Afghanan	1	0	18Y	Butcher	
08/15/22		District 11	Khair Khana	1	0	25Y	Butcher	
08/16/22		District 8	Bani Hesar	1	0	22Y	Other	
08/16/22		District 8	Bani Hesar	1	0	15Y	Other	
08/16/22		Kalakan	Kalakan	1	0	57Y	Farmer	
08/16/22		District 7	Darlaman	1	0	16Y	Butcher	
08/16/22	Kunduz	Ali Abad	Naw Abad Markazi	1	0	46Y	Other	
08/16/22	Logar	Logar	Logar	1	0	20Y	Other	
08/15/22	Wardak	Chak	Chak	1	0	18Y	Other	

AWD outbreaks from (Kunduz, Paktika, and Khost) Provinces

Reported date	Province	District	Village	Total cases	Total deaths	Recommendation/ Action take
8/11/2022	Kunduz	Chahardarah	Kharoti	7	0	During this week 03 AWD outbreaks were reported from Kunduz, Paktika, and Khost 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.
8/13/2022	Paktika	Gomal	Taboot	129	2	
8/19/2022	Khost	Maton	Maidani gurbuz	11	0	

Suspected Measles outbreaks (Kapisa and Urozgan) provinces

Reported date	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Reported	Assessed	
08/14/22	Kapisa	Tagab	Ghani khil	7	1	8	0	80%	30%	In this week, 02 suspected Measles outbreaks were reported from Kapisa and Urozgan provinces. The outbreaks investigated and all the cases managed. Also, health education sessions were conducted. Vaccination of children in the surrounding villages of the affected area is going on.
08/15/22	Urozgan	khas Urozgan	Shina	6	5	11	0	80%	30%	

Suspected Anthrax outbreak from (Nuristan) province

Reported date	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
Anthrax	Nuristan	want waigal	Kaligal/Ayat	5	0	During this week 01 suspected anthrax outbreak was reported from Nuristan province, 05 cutaneous form cases reported in human. Case management was done for all the cases and health education sessions were conducted in the field.

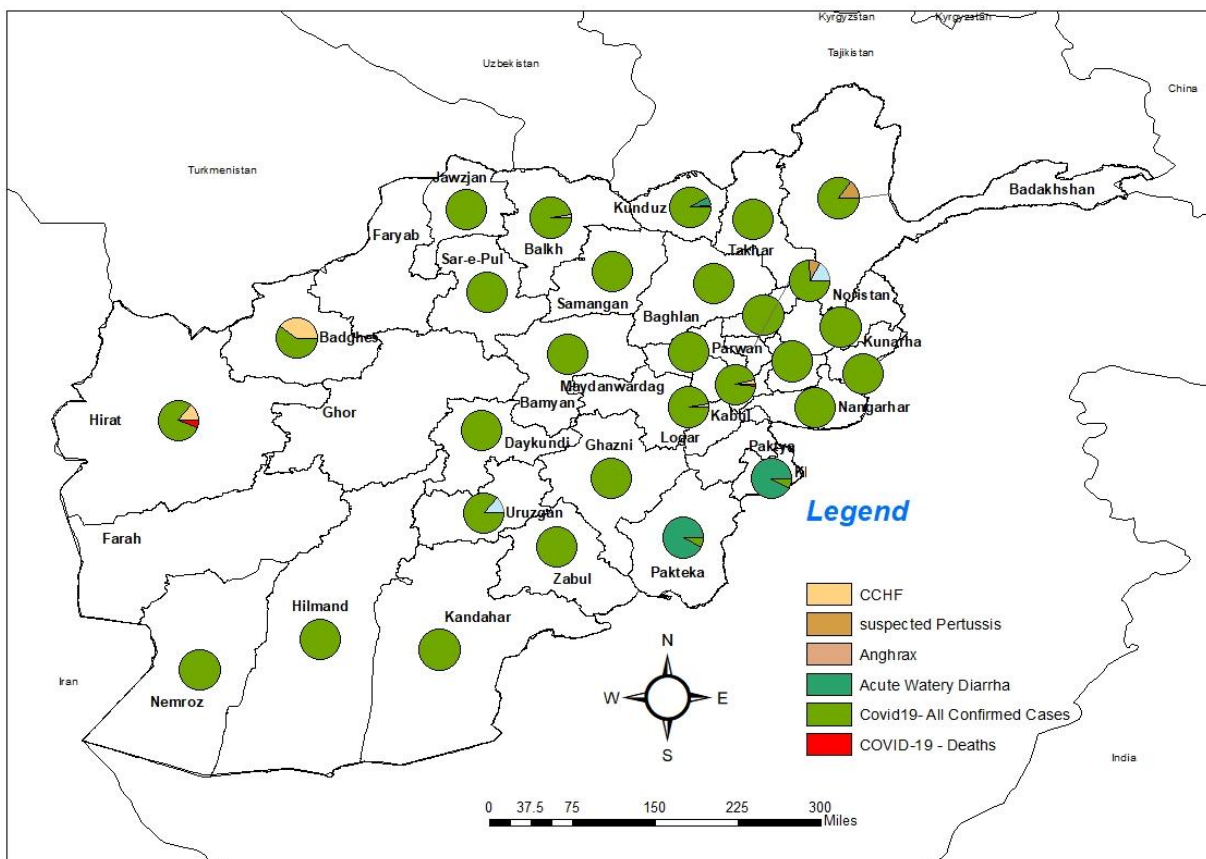
Suspected Pertussis Outbreaks from (Badakhshan and Kapisa) provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
08/14/22	Badakhshan	Jurm	khering	26	0	During this week 02 Suspected Pertussis outbreaks were reported from Badakhshan and Kapisa provinces. Case management was done, health education sessions were conducted for all the cases.
08/15/22	Kapisa	Nejrab	Teki	4	0	

Table 4: Updated outbreaks report during 2022 (26 Dec 2021 to 20 Aug 2022)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	242	170	3469	108
CCHF	295	74	296	11
Dog bites/Suspected Rabies	14	1	84	0
Pertussis	27	1	162	10
Acute Watery Diarrhea	51	11	3284	2
Food Poisoning	12	0	314	2
Unknown Poisoning	1	0	5	2
Scabies	7	0	112	0
Chickenpox	24	1	242	0
Leishmaniosis	3	0	67	0
Cat bite suspected rabies	1	0	4	0
Mumps	1	0	9	0
Diphtheria	1	0	1	0
Pneumonia	1	0	25	0
Dengue fever	1	0	4	0
Skin disease	1	0	3	0
Anthrax	1	0	5	0
COVID-19	1	1	35718	481
Grand Total	684	259	43804	616

Figure 4: Distributions of COVID-19, CCHF, Acute Watery Diarrhea, pertussis and Measles cases and deaths during the week 33rd



Laboratory surveillance:

A total of **8901** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **1629** specimens were confirmed for COVID-19, 11 Diarrheal Disease Confirmed cases, **47** specimens were confirmed for Malaria, **02** specimens were confirmed for Brucellosis (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 33rd 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, 172 (4.6%) Severe Acute Respiratory Infections cases were reported and 61% were under 5 years old. The proportion of SARI cases was slightly increased compared to week 32th 2022. 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 Kapisa (16.1%), Kabul (14%), and Baghlan (12%) provinces. During this Epi-week, our field staff shipped 24 SARI and 18 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week, **8,248** specimens were tested for suspected COVID-19. Out of which **1629** samples were confirmed for COVID-19 by RT-PCR.

- COVID-19 cases positivity rate was 19.8% in this week, which increased 1% compared to last week, also the number of COVID-19 cases were increased 2.6% compared to previous week
- Bed occupancy rate (BOR) at the national level was **67%**, which increased 0.4% compared to last week.
- Out of **3119** contacts of **1409** confirmed cases that were mostly family members with an average of 2 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 **29,656** passengers have been screened for COVID-19 in the points of entry of five provinces (Balkh, Nangarhar, Hirat, Kandahar and Nimroz).

Challenges:

- COVID-19 cases positivity rate and the number of cases increased compared to previous week, in this week the average positivity rate at national level was 19.8% and 05 deaths due to COVID-19 were reported.
- ARI cases including pneumonia are in the increasing trend since 04 weeks.
- Suspected Measles cases and outbreaks are still a public health challenge as in this week **676** measles cases and 2 deaths due to measles were reported to the surveillance system.

Recommendations:

- COVID-19 response national committees are requested to strengthen the main response functions such as (surveillance, case management, preventive measures and health promotion).
- Measles response strategy should be revised, moreover the routine vaccination coverage should also be improved.
 - **EPI:** As the surveillance system detected **676** suspected Measles cases, with **02** deaths due to measles, 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.