

Summary:

- Out of 519 functional Surveillance sentinel sites, 501 (96.5%) have submitted reports this week.
- A total of 515,972 new consultations, 218,385(42.3%) were due to Surveillance targeted diseases. That included 114,385 males (52.4%) and 104,000 females (47.6%). Also, 96,375 (44.1%) under five years old and 122,010 (55.9%) five years old and over, reported this week.
- The main causes of consultations this week were ARI Cough & Cold, 146,093 cases (28.3%) out of total new consultations, Acute Diarrheal Diseases 29,477 cases (5.7%) out of total new consultations and Pneumonia, 33,183 cases (6.4%) out of total new consultations.
- A total of 251 deaths were reported this week, of which 121 were due to Surveillance targeted diseases deaths, which includes 25 COVID-19 deaths, 64 Pneumonia deaths, 24 suspected Measles deaths, 04 Pregnancy-related deaths, 02 Suspected Meningitis Deaths, 01 Suspected Acute Viral Hepatitis Death and 01 Acute Watery Diarrhea death.
- A total of 1,939 Measles suspected cases with 24 deaths were reported in this week.
- During this week, 24 AWD new cases epi-linked with Kabul province AWD outbreak were reported.
- In addition, during this week 15 outbreaks (14 Measles outbreaks were reported from Herat, Laghman, Nangarhar, Kandahar, Urozgan, Nimroz, Khost, Jawzjan, Sar-e-pul, Badakhshan and Parwan provinces and one CCHF outbreak was reported from Faryab province).
- Moreover, **4,033** COVID-19 confirmed cases reported at national level.

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

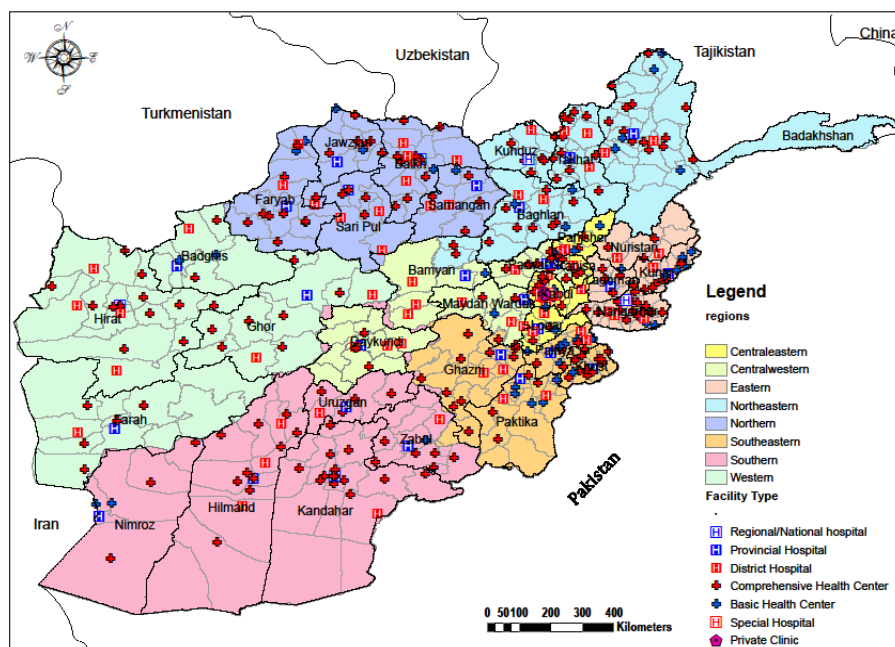


Table 1: Coverage of NDSR Surveillance System

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

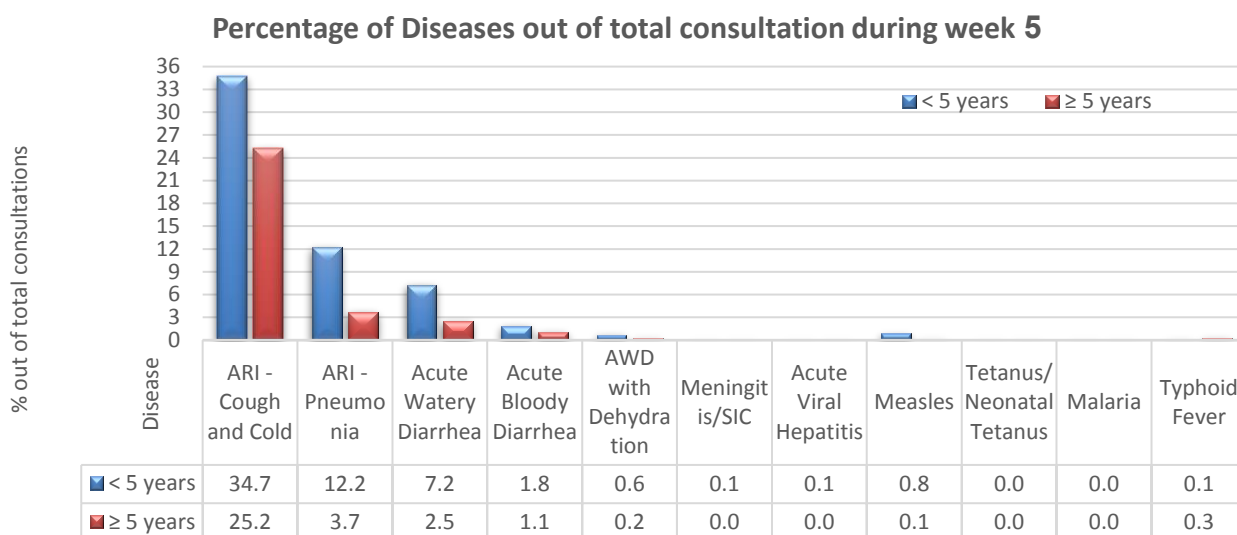


Figure 2: B

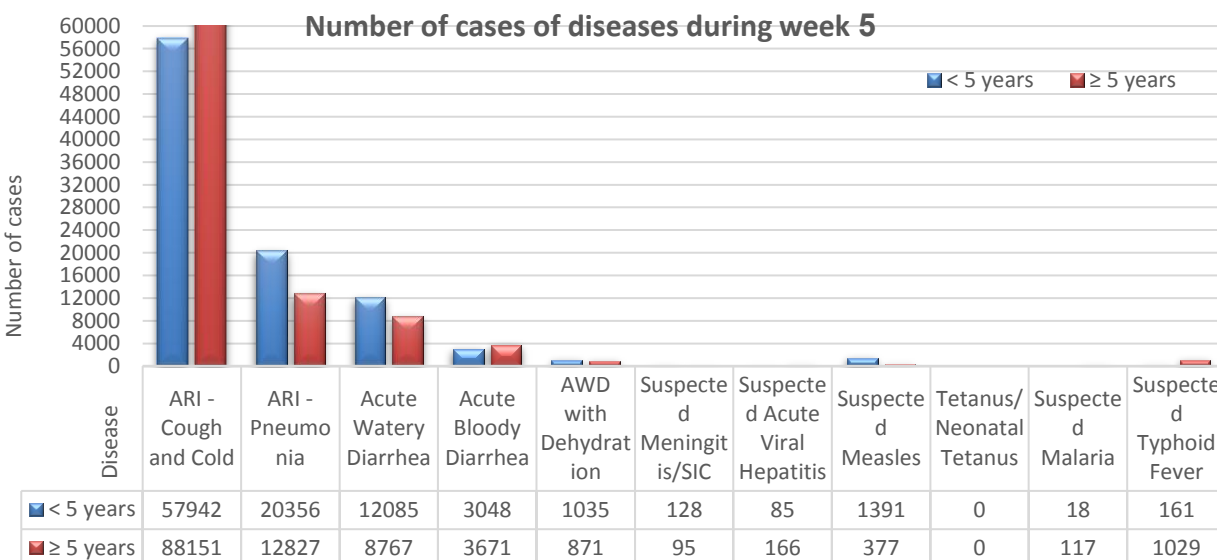


Table 2: Cases and deaths due to VPDs by age group during week 05th, 2022

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	1391	377	1768	18	3	21	1.19

Seasonal Diseases:

Figure 3: A

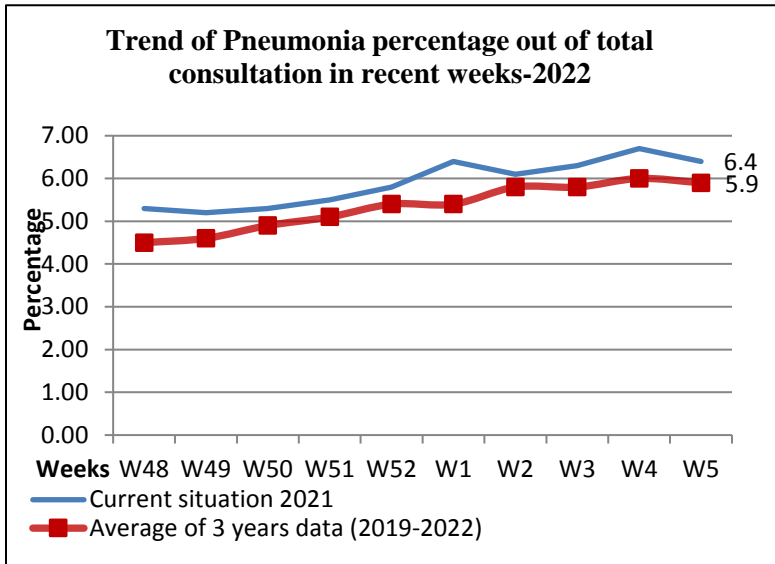


Figure 3: B

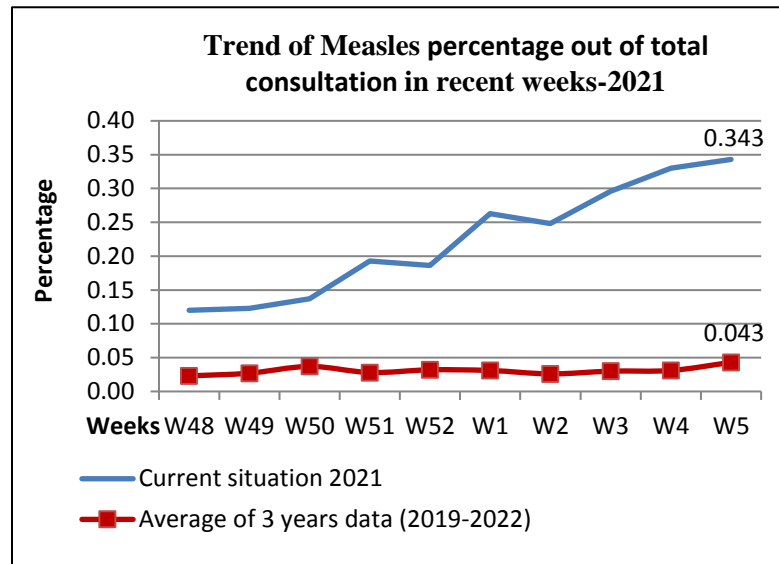


Figure 3: C

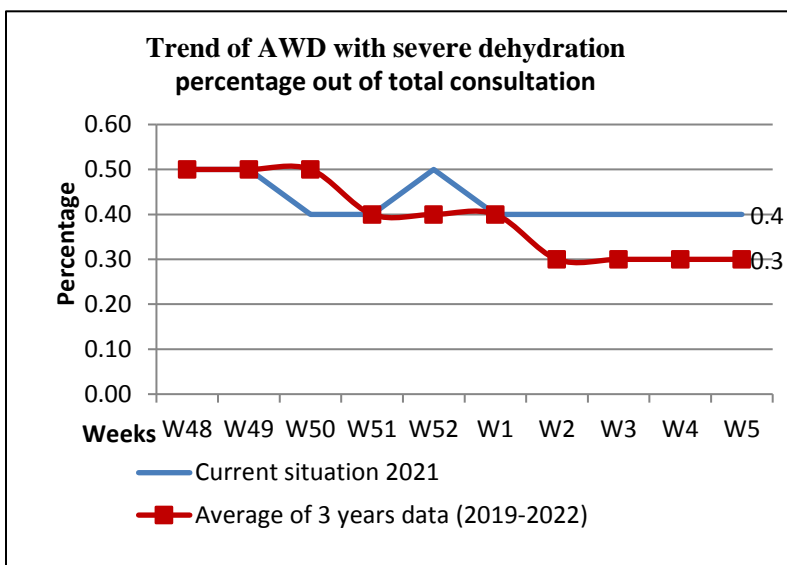


Figure 3: D

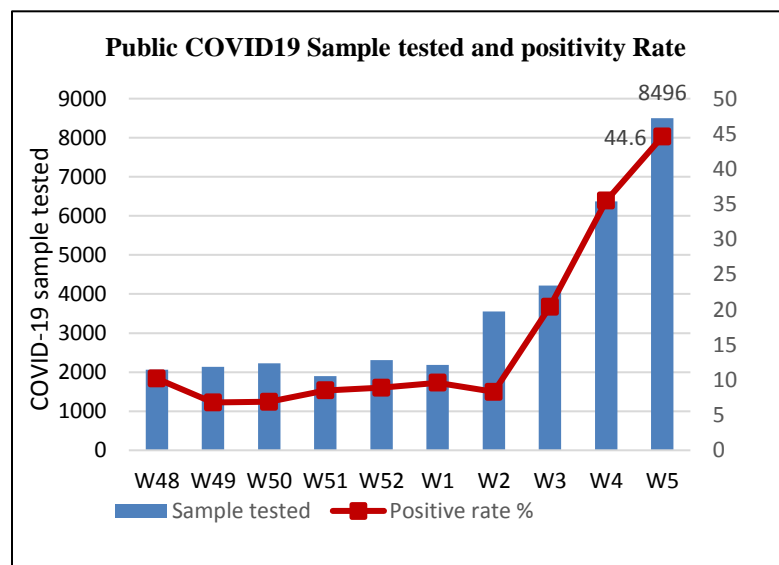


Table 3: Part of Outbreaks:

Acute Watery Diarrhea outbreak (Kabul province)									
Reported Date	Province	District	Village	<5 Cases	≥5 Cases	Total Cases	Total Deaths	Recommendation /Action taken	
30/01/2022	Kabul	Kabul districts	Kabul	0	24	24	0	In this week, 24 AWD new cases epi-linked with Kabul province AWD outbreak reported, Active/daily surveillance and the case investigation is going on, case management was done for all the cases. Lab Sample collection was done and all samples were negative. In addition, Health education was conducted by the investigation team.	
Measles outbreak (Herat, Laghman, Nangarhar, Kandahar, Urozgan, Nimroz, Khost, Jawzjan, Sar-e-pul, Badakhshan and Parwan provinces)									
Reported dated		District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage %	Recommendation/Action taken
30/01/2022	Herat	Injil	Panjab	13	11	24	0	0%	In this week, 14 suspected Measles outbreaks were reported from Herat, Laghman, Nangarhar, Kandahar, Urozgan, Nimroz, Khost, Jawzjan, Sar-e-pul, Badakhshan and Parwan provinces. The outbreaks were investigated, case management was done for all the outbreaks and cases. Also, health education sessions were conducted. Vaccination of children in the surrounding villages of the affected area is going on. Follow up report will be shared.
30/01/2022	Laghman	Qarghaee	Kotabkheel	9	9	18	0	NA	
30/1/2022		Alishang	Babar Khando	11	1	12	0	NA	
30/1/2022	Nangarhar	Jalalabad	khalis family	8	5	13	0	85%	
30/01/2022	Kandahar	Shahwalikot	Choghak	4	1	5	0	61%	
30/01/2022	Urozgan	Tarinkot	Malizy	6	2	8	0	70%	
31/01/2022	Nimroz	Chora	Kamisan	5	4	9	0	70%	
31/01/2022		Zaranj	Abu Dawood	6	0	6	0	100%	
30/01/2022	Khost	Gurbuz	Bosikhel	5	0	5	0	80%	
01/02/2022	Jawzjan	Faiz abad	Kokal dash	8	4	12	3	82%	
30/01/2022	Sar-e-pul	Kohistanat	Khumdan	12	1	13	0	70%	
26/01/2022	Badakhshan	Shuhada	Deypayan	3	14	17	0	NA	
01-Feb-22	Parwan	Bagram	Qala-e-Nasro	15	6	21	0	0%	
30/01/2022		Siagerd	Lungosh	4	4	8	0	0%	

Suspected CCHF case (Faryab province)								
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
31/01/2022	Faryab	Ghormach	Ghormach	1	0	14 Y	Housewife	During this week 01 suspected CCHF case was reported from Faryab province. Case management was done, health education session was conducted and the information was shared with related departments and animal health as well, to take the control and preventive measures.

Figure 4: Distributions of COVID-19, AWD, Measles and CCHF cases and deaths during week 05th

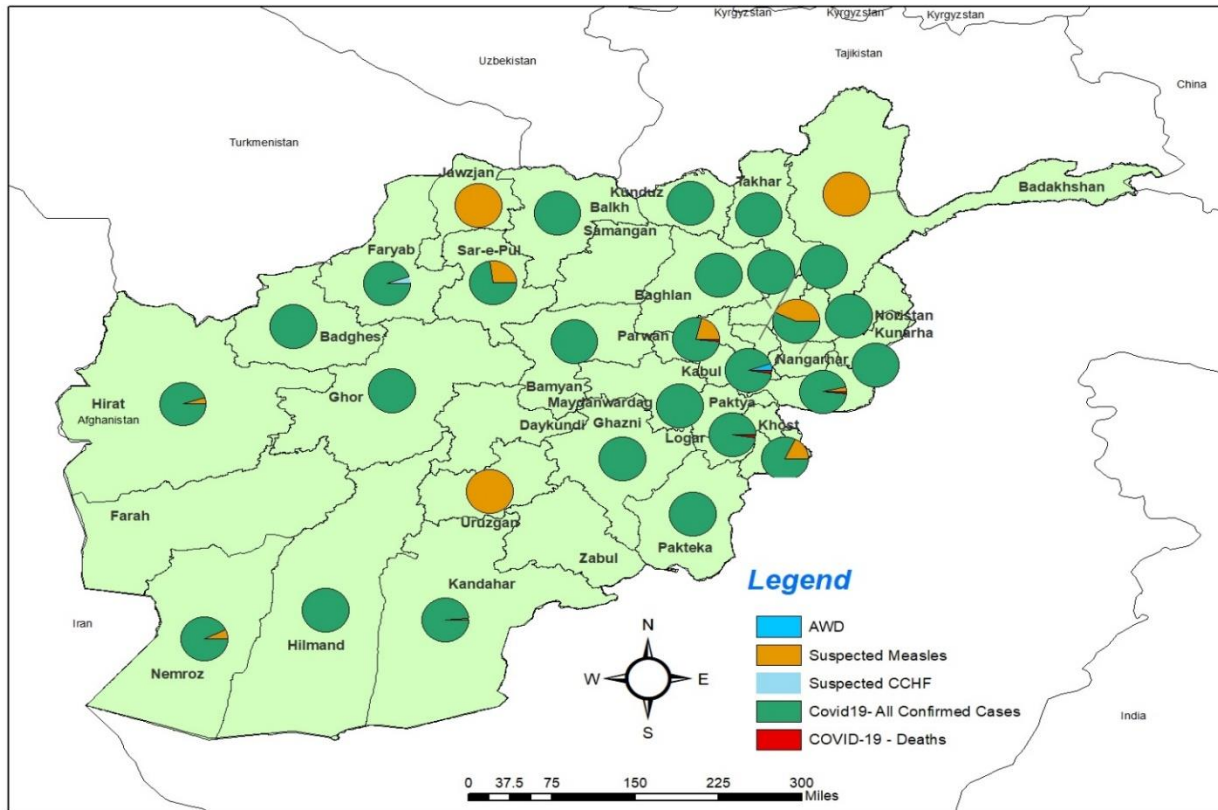


Table 4: Updates on the outbreaks reported during 2021 (26 Dec 2021 to 05, Feb, 2022)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	50	0	651	22
Acute Watery Diarrhea	1	1	218	0
COVID 19	1	1	8117	73
Diphtheria	1	0	1	0
Dog bite/Suspected Rabies	2	0	10	0
CCHF	1	0	1	0
Grand Total	56	2	8998	95

Laboratory surveillance:

A total of 11,983 specimens were collected and shipped to CPHL and other regional laboratories. Out of which 4,033 specimens were confirmed for COVID-19 and 100 samples were confirmed for Measles, 17 samples were confirmed for SARI in this week. (Follow up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 5th 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, **321 (6.4%)** Severe Acute Respiratory Infections cases were reported and 72 were under 5 years old. The proportion of SARI cases were slightly increased as compared to week 04th 2022. Eleven SARI associated deaths were reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were from Kapisa (64%), Kabul (48%) and Paktya (11%) provinces. In this epi-week, our field staff shipped 54 SARI and 32 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week, 11,690 specimens were tested for suspected COVID-19. Out of which 4,033 samples were confirmed for COVID-19 by rtPCR. The cases have been managed either in the isolation wards or in home quarantine.

- COVID-19 cases were increased **57.7%** compared to last week, (lab samples positivity rate was 34.5% which increased 8.2% as compared to last week at national level).
- Bed occupancy rate (BOR) at the national level was **49.3%**, which increased 14.4% compared to last week.
- Out of **5,850** contacts of **2,276** confirmed cases that were mostly family members with an average of 02 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 **72,078** passengers have been screened for COVID-19 in the points of entry of four provinces (Herat, Kandahar, Nangarhar and Nimroz).

Challenges:

- COVID-19 cases lab positivity rate and BOR are increased as compared to last week.
- No lab capacity for confirmation of the new COVID-19 variant (Omicron) in the country.
- Shortage of lab samples collection consumables and testing kits in majority of the provinces for COVID-19, and other epidemic prone diseases.
- Suspected Measles cases and outbreaks are in the increasing trend (in this week 1,939 measles cases and 24 deaths were reported).

Recommendations:

- COVID-19 control all functions should be strengthened, in order to response for the current wave of COVID-19 pandemic in Afghanistan
- CPHL should be supported for the confirmation of the new COVID-19 variate (Omicron)
- Regular supply for lab sample collection and testing kits for epidemic prone diseases including COVID-19 are needed and lab testing capacity needs to be strengthened and expanded to all the provinces.
- Vaccination coverage for measles and other vaccine preventable diseases need to be improved
 - **EPI:** As the system detected **1,939** suspected Measles cases, with **24** 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.