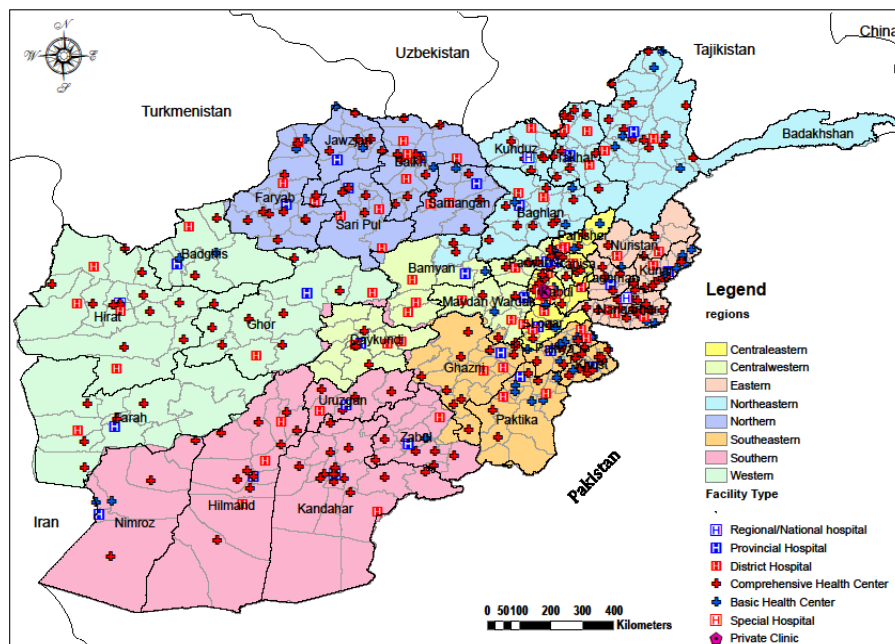


Summary:

- Out of 519 functional Surveillance sentinel sites, 499 (96.1 %) have submitted reports this week.
- A total of 485,593 new consultations, 203,317 (41.9) were due to Surveillance targeted diseases. That included 107,268 males (52.8%) and 96,049 females (47.2%). Also, 93,794 (46.1%) under five years old and 109,523 (53.9%) five years old and over, reported this week.
- The main causes of consultations this week were ARI Cough & Cold, 133,868 cases (27.6%) out of total new consultations, Acute Diarrheal Diseases 30,478 cases (6.3%) out of total new consultations and Pneumonia, 30,328 cases (6.2 %) out of total new consultations.
- A total of 302 deaths were reported this week, of which 175 were due to Surveillance targeted diseases deaths, which includes 69 Pneumonia deaths, 51 suspected Measles deaths, 45 COVID-19 deaths, 07 suspected Meningitis/Severely ill Child deaths and 03 pregnancy-related deaths.
- A total of 2,363 Measles suspected cases with 51 deaths were reported in this week.
- During this week, 15 AWD new cases epi-linked with Kabul province AWD outbreak were reported.
- In addition, during this week 09 outbreaks (07 suspected Measles outbreaks were reported from Kapisa, Urozgan, Khost, Kunar, Farah and Badakhshan provinces and 02 suspected Rabies/ Dog bites outbreaks were reported from Paktika and Khost provinces).
- Moreover, **1604** COVID-19 confirmed cases reported at national level.

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



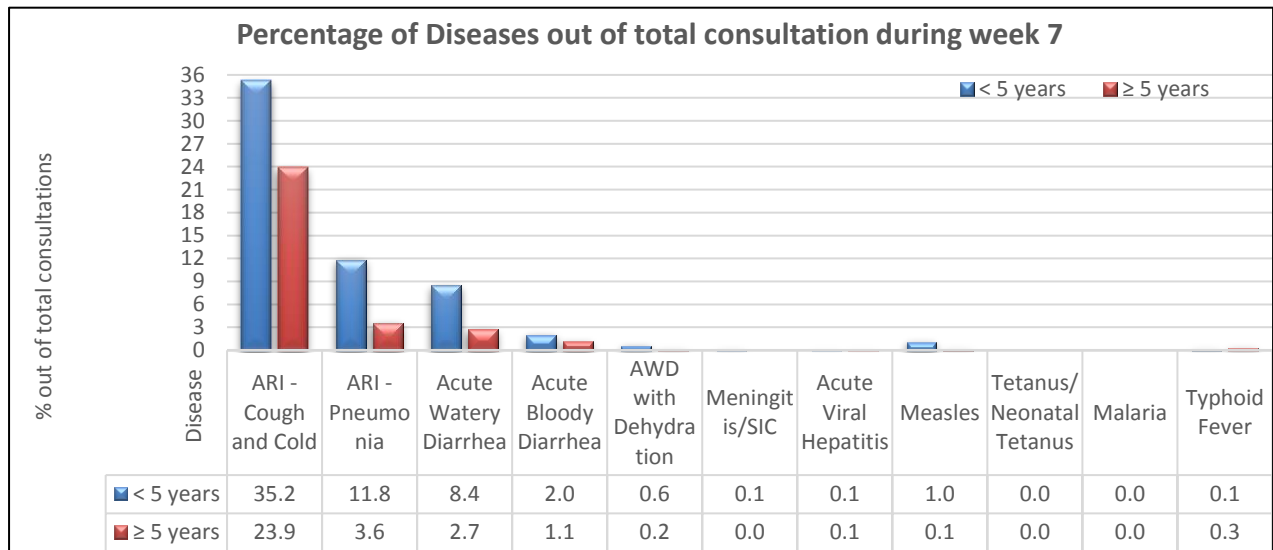
**Table 1: Coverage of NDSR Surveillance System**

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
<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>	6	25	80	310	80	13	1	4	519

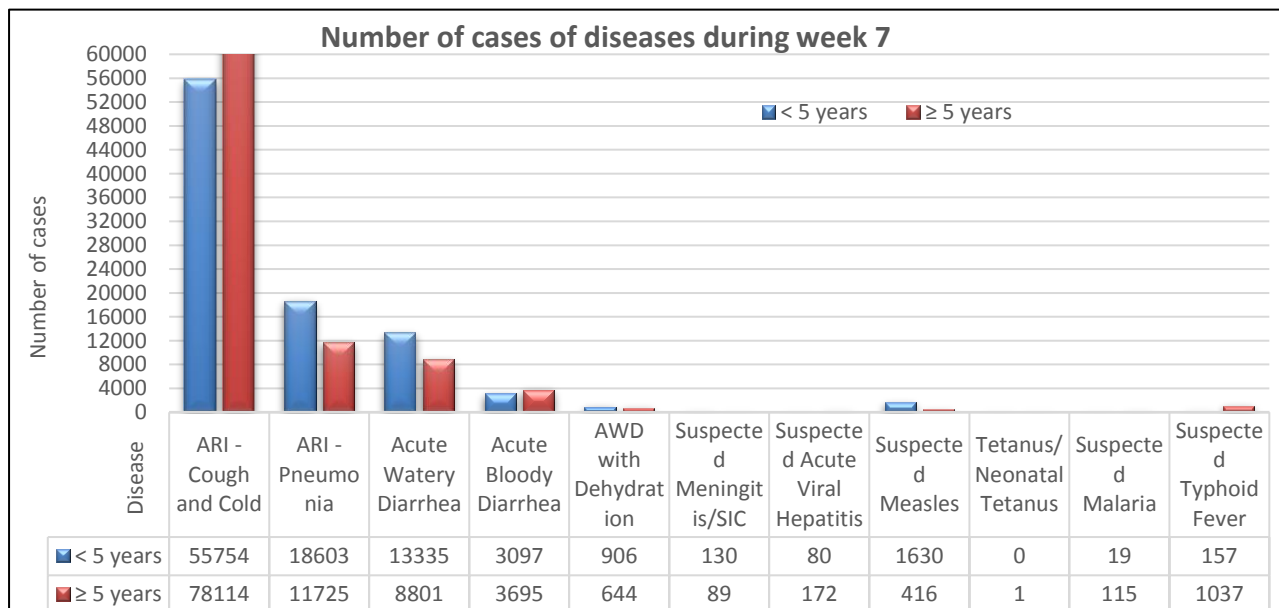
**Indicator - based Surveillance (IBS):**

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**

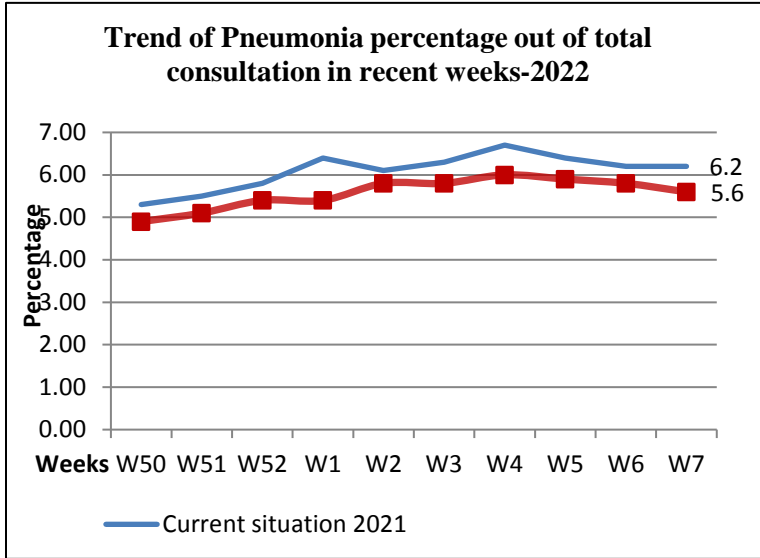


**Table 2: Cases and deaths due to VPDs by age group during week 07<sup>th</sup>, 2022**

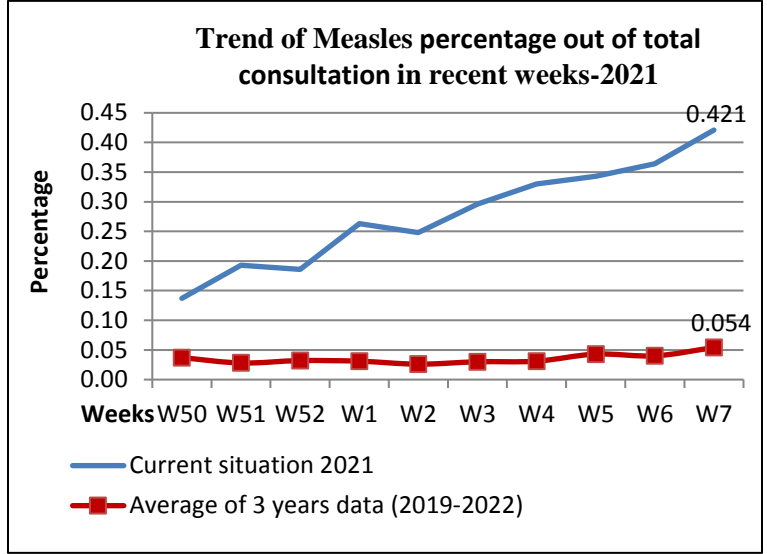
Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	1630	416	2046	6	0	6	0.29

**Seasonal Diseases:**

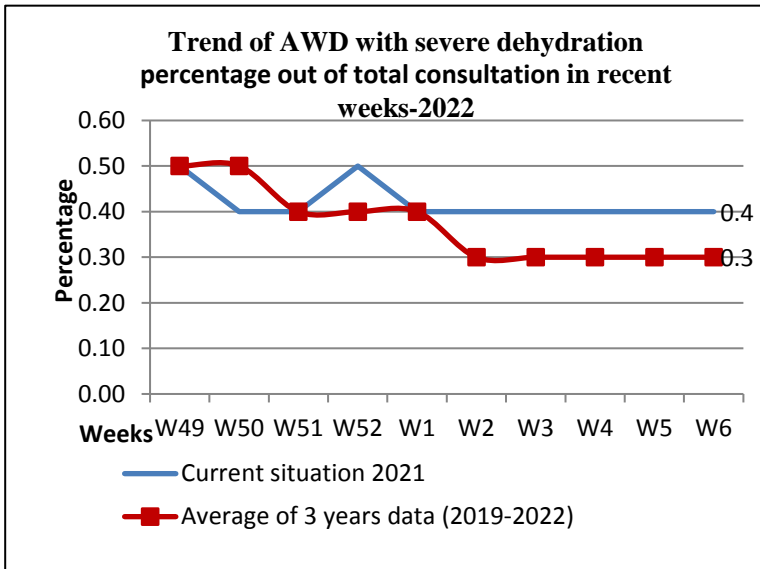
**Figure 3: A**



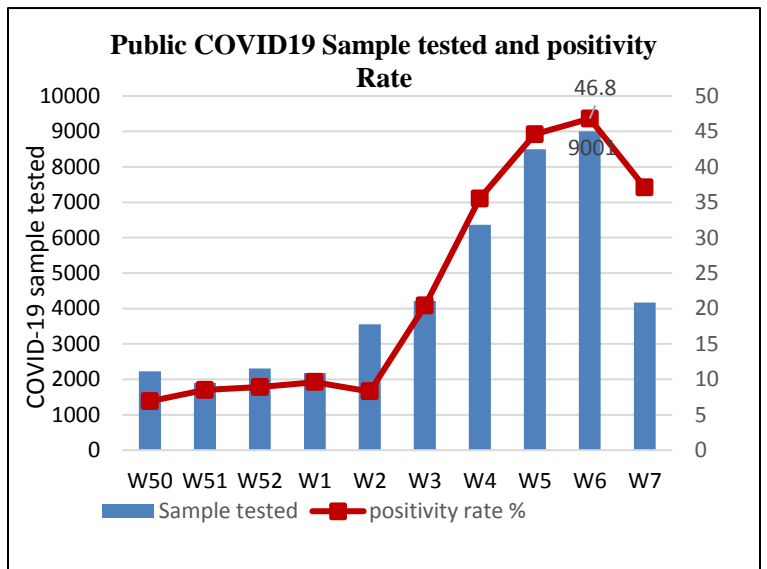
**Figure 3: B**



**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
13/02/2022	Kabul	Kabul districts	Kabul	0	15	15	0	In this week, 15 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. In addition, Health education was conducted by the investigation team.

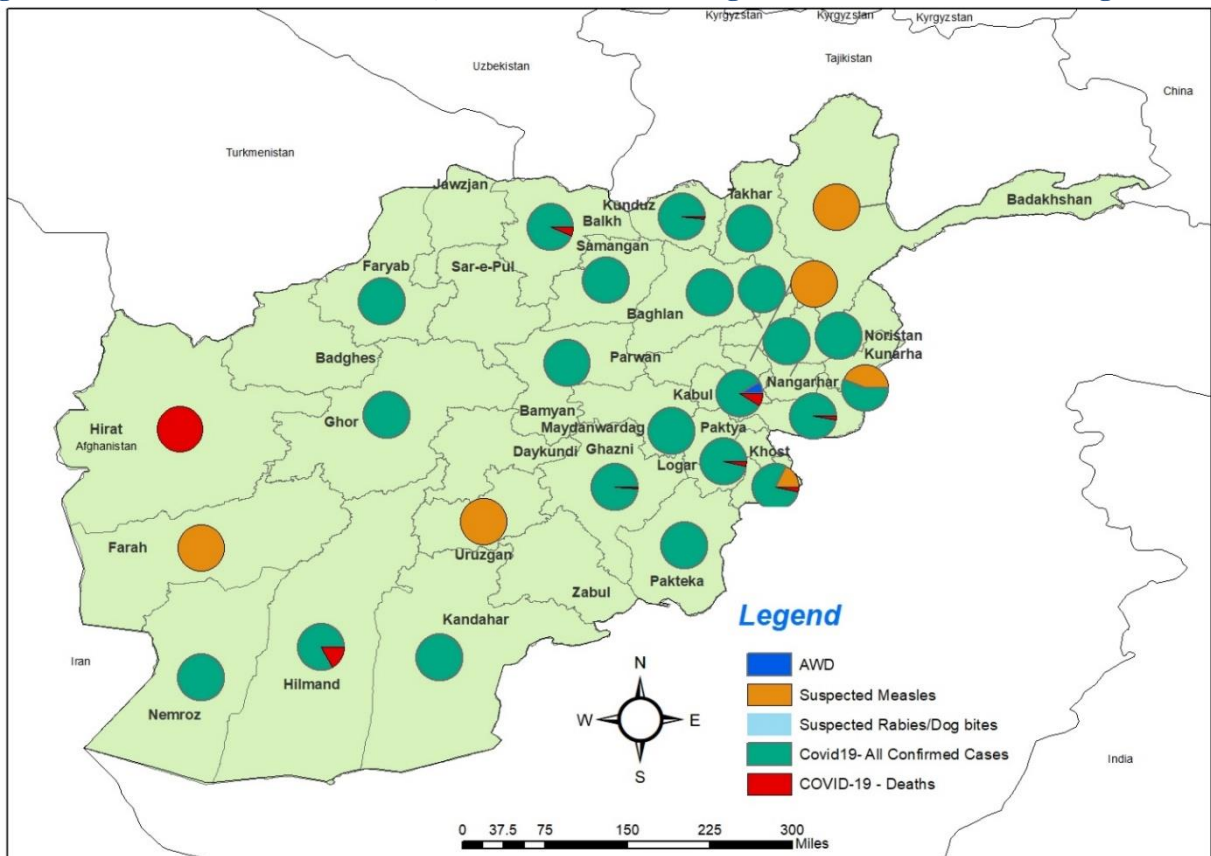
**Suspected Measles outbreaks ( Kapisa, Urozgan, Khost, Kunar, Farah and Badakhshan provinces)**

Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Reported	Asses sed	Recommendation/Acti on take
14/02/2022	Kapisa	Center	Nowabad	7	3	10	0	0%	65%	In this week, 07 suspected Measles outbreaks were reported from Kapisa, Urozgan, Khost, Kunar, Farah and Badakhshan 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.
16/02/2022	Urozgan	Chora	Noory	3	3	6	0	70%	20%	
18/02/2022	Khost	Dwamand	Spekon	5	0	5	0	70%	36%	
16/02/2022	Kunar	Ghaziabad	Kasagal	9	2	11	0	80%	65%	
13/02/2022	Farah	Purchaman	Veri and Lokan	7	5	12	0	128%	128 %	
13/02/2022		Gulistan	Iarti	11	1	12	0	83%	83%	
13/02/2022	Badakhs han	Kof	Kof Ab	144	117	261	45	NA	0%	

**Suspected Rabies / Dog bites Outbreak ( Paktika and Khost provinces)**

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
15/02/2022	Paktika	Yahya khel	Gadali	5	0	During this week, two Suspected Rabies/ Dog bites outbreaks were reported from Paktika and Khost provinces, the outbreaks were investigated, case management was done for all the cases, and health education sessions were conducted. Moreover, investigation team cut the head of the dogs and shifted to Kabul for lab confirmation.
17/02/2022	Khost	Sabari	Maktab	5	0	

**Figure 4: Distributions of COVID-19, AWD and Rabies / Dog bites cases and deaths during week 07<sup>th</sup>**



**Table 4: Updates on the outbreaks reported during 2021 (26 Dec 2021 to 19, Feb, 2022)**

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	65	0	1095	22
Acute Watery Diarrhea	1	1	247	0
COVID 19	1	1	14038	280
Diphtheria	1	0	1	0
Dog bite/Suspected Rabies	5	0	25	0
CCHF	1	0	1	0
Scabies	1	0	10	0
<b>Grand Total</b>	<b>74</b>	<b>2</b>	<b>15412</b>	<b>247</b>

**Laboratory surveillance:**

A total of 6,801 specimens were collected and shipped to CPHL and other regional laboratories. Out of which 1,602 specimens were confirmed for COVID-19 and 28 samples were confirmed for Measles in this week. (Follow up by the CPHL is going on).

### **Influenza Surveillance activities:**

In Epidemiological week 7<sup>th</sup> 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, **255 (4.7%)** Severe Acute Respiratory Infections cases were reported and 62 were under 5 years old. The proportion of SARI cases were strongly decreased as compared to week 06<sup>th</sup> 2022. Seventeen 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 Kabul (44%), Kapisa (42%), and Bamyan (13%) provinces. In this epi-week, our field staff shipped 48 SARI and 32 ILI specimens to the National Influenza Center (NIC).

### **COVID-19 Surveillance activities:**

In this week, 6,698 specimens were tested for suspected COVID-19. Out of which 1,604 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 decreased **62.9%** compared to last week, (in majority of the provinces we have testing kits shortage in this week).
- Bed occupancy rate (BOR) at the national level was **54%**, which increased 3.2% compared to last week.
- Out of **2,564** contacts of **854** confirmed cases that were mostly family members with an average of 03 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 **58,228** passengers have been screened for COVID-19 in the points of entry of four provinces (Herat, Kandahar, Nangarhar and Nimroz).

### **Challenges:**

- Shortage of lab samples collection consumables and PCR testing kits in majority of the provinces are strongly affected the number tests.
- No lab capacity for confirmation of the new COVID-19 variant (Omicron) in the country.
- Suspected Measles cases and outbreaks are in the increasing trend (in this week 2,363 measles cases and 51 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)
- Urgent supply of lab sample collection and testing kits for COVID-19 is recommended 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 **2,363** suspected Measles cases, with **51** 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.