



National Disease Surveillance  
& Response (NDSR)

## Weekly Epidemiological Report–25<sup>th</sup>

Date: 20 to 26 June, 2021

### Summary:

- Out of 513 functional Surveillance sentinel sites, 451 (89.3%) have submitted reports this week.
- A total of 440,344 new consultations, 166,354 (37.8%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 83,603 cases, (19 %) out of total new consultations, Acute Diarrheal Diseases 68,297 cases (15.5%) out of total new consultations and Pneumonia, 13,867 cases (3.1 %) out of total new consultations.
- A total of 282 deaths were reported this week, of which 55 were due to Surveillance targeted diseases, which includes 48 Pneumonia deaths, 04 Acute Diarrheal Diseases, 02 suspected Measles deaths and 01 Meningitis death.
- In this week 01 Mass Poisoning outbreak with 16 clinical cases were reported from Takhar province, also 11,403 COVID-19 confirmed cases and 501 deaths reported countrywide.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2021

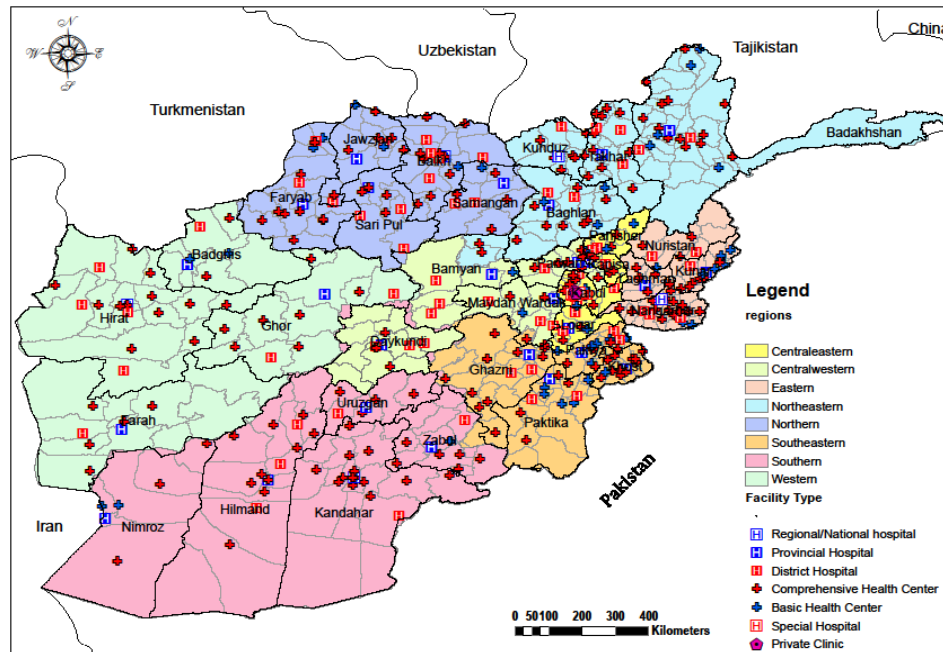
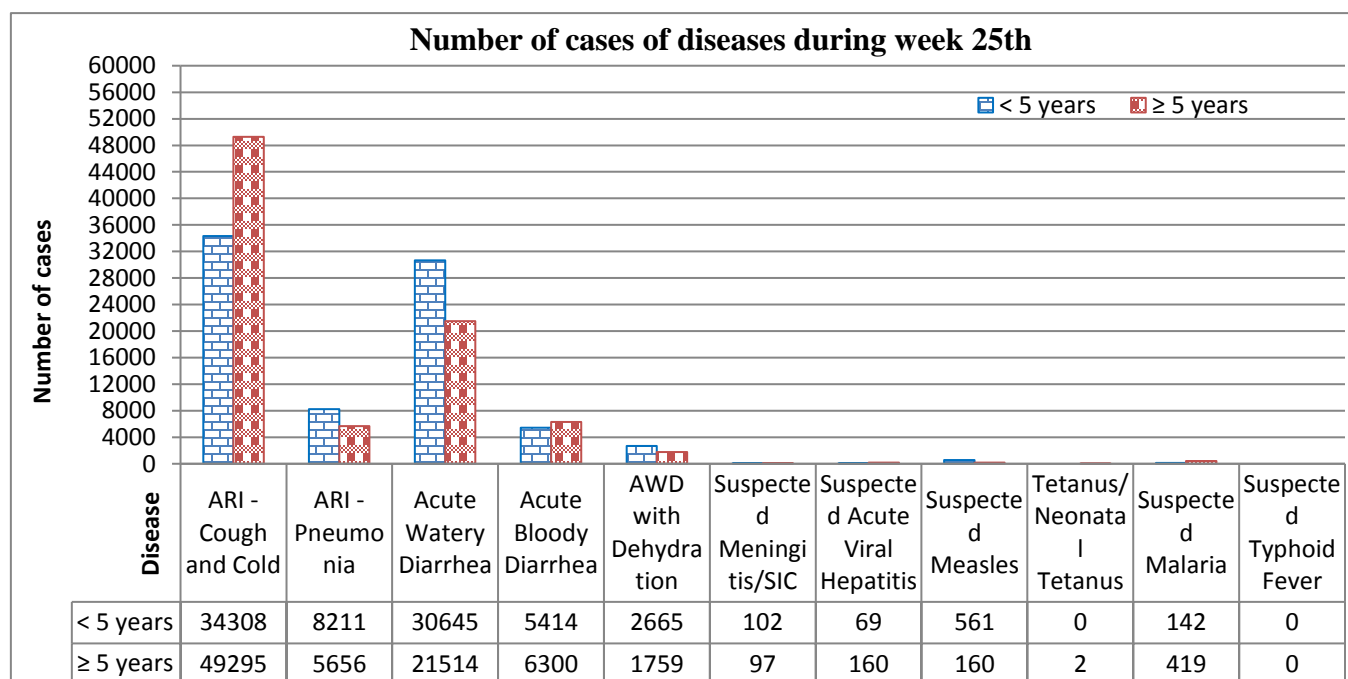
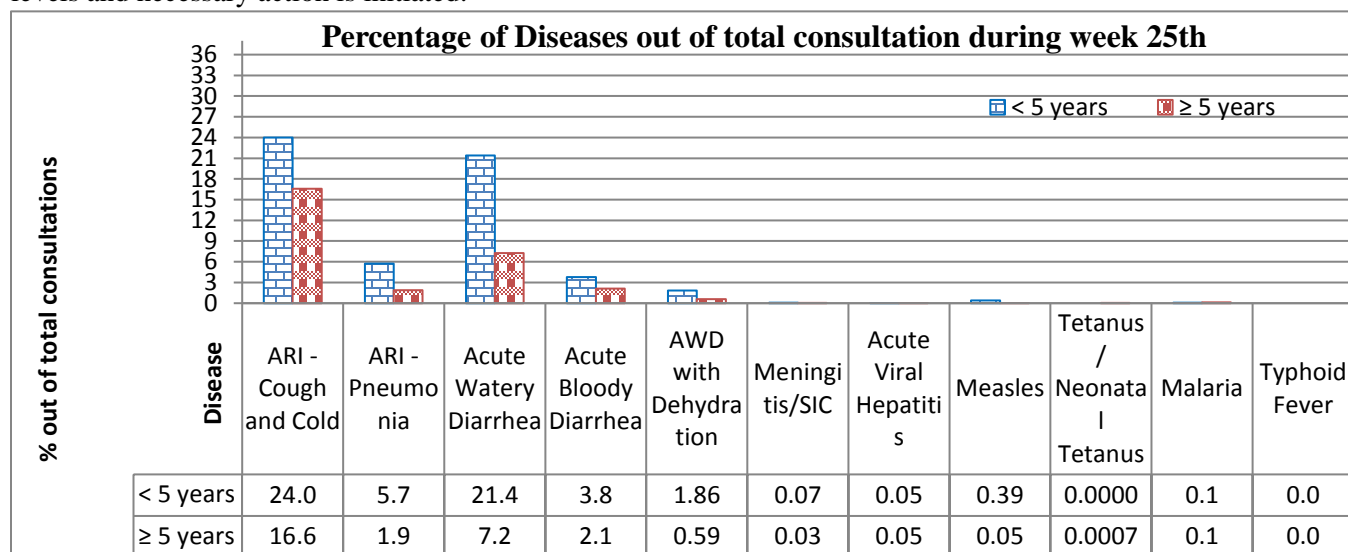


Table 1: Coverage of NDSR Surveillance System

Type of Health Facility	RH/PH	DH	CHC/BHC	Special Hospital	Other	Total
Total Health Facilities (HF)	37	88	1,315	32	1171	2,643
HF covered by NDSR-Plus	32	77	389	12	3	513

### Indicator - based Surveillance:

The Indicator-based surveillance component of NDSR report 16 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.

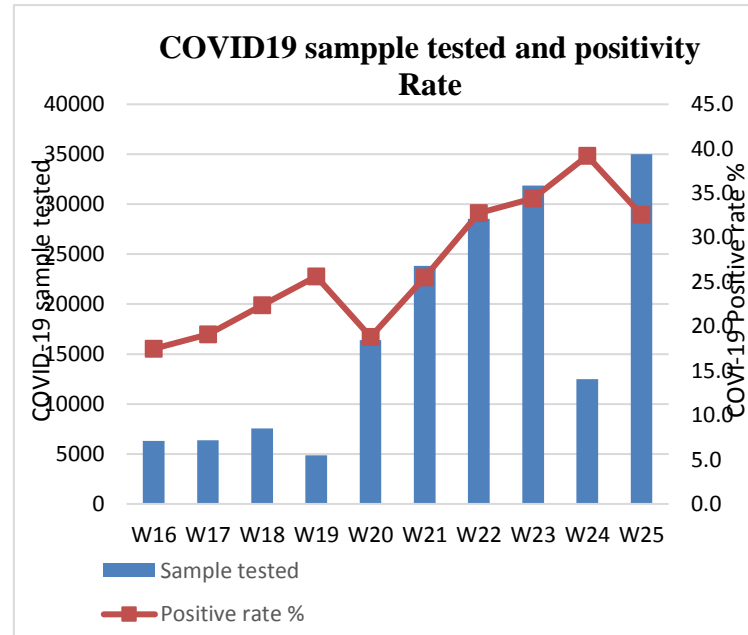
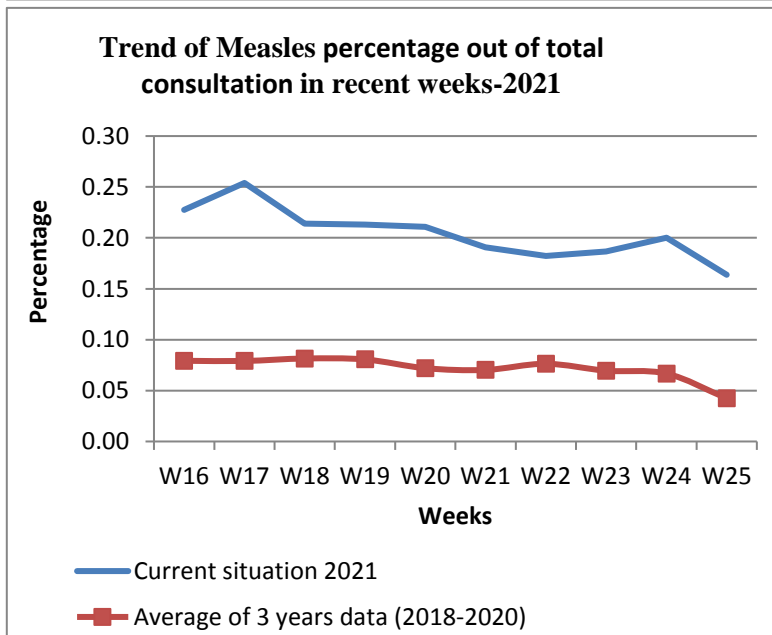
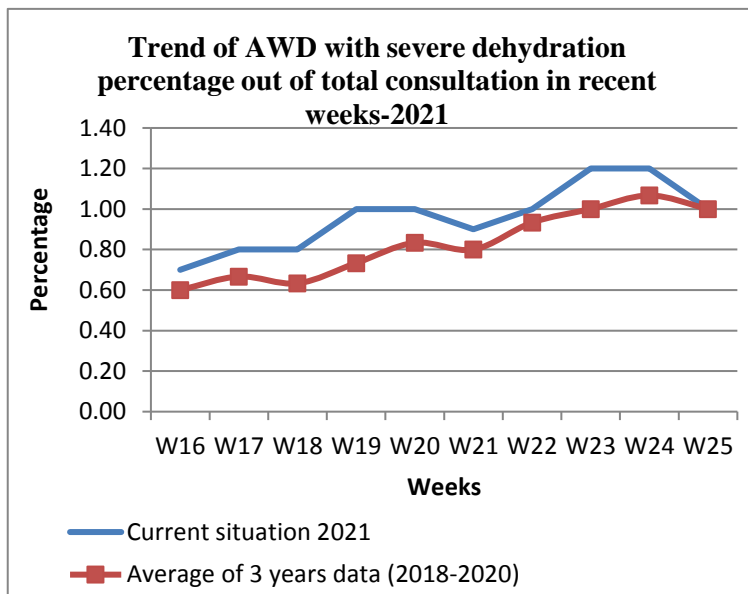
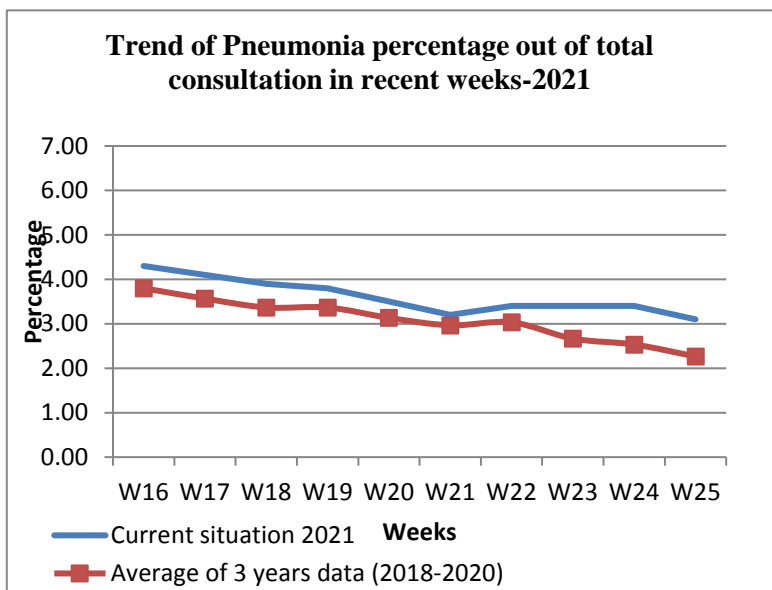


**Figure 2: NDSR targeted diseases, Vaccine-Preventable Diseases (VPDs):**

**Table 2: Cases and deaths due to VPDs by age group during week 25<sup>th</sup>**

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	561	160	721	2	0	2	0.27
Suspected Pertussis	3	3	6	0	0	0	0.00
Suspected Tetanus/Neonatal tetanus	0	2	2	0	0	0	0.00

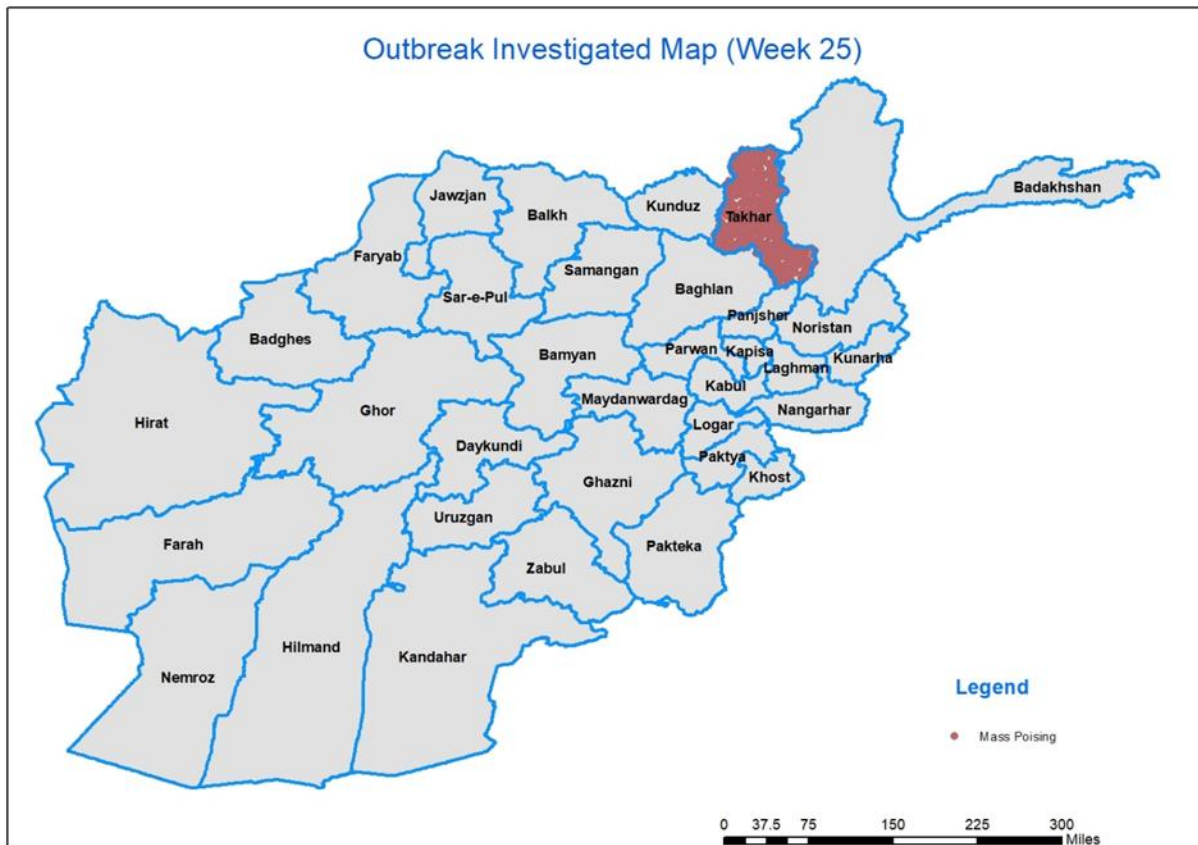
**Seasonal Diseases:**



During week 25<sup>th</sup>, 01 outbreak detected, investigated and responded by NDSR team and the related stakeholders. The details are as below:

Mass poisoning outbreak								
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths	Recommendation/Action token
24 June, 2021	Takhar	Taliqan	Aahandarah	0	16	16	0	In this week 01 Mass poisoning outbreak was reported from a house of a local commander in Aahandarah village of Takhar province with 16 clinical cases, the outbreak was investigated, case management was done for all the cases. Health education regarding this event delivered by the team.

Figure 3: Outbreaks investigated during the week 25<sup>th</sup> 2021



**Table 2: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 26 June, 2021)**

Disease/Event	No. of outbreaks	No. of Lab_ Confirm	No. of Cases	Sum of Total Deaths
Measles	88	62	942	24
CCHF	29	7	36	2
Dog bites/Suspected Rabies	10	0	61	0
Scabies	3	0	71	0
Diphtheria	3	0	6	1
Pertussis	3	0	35	0
Influenza	1	1	5	0
Cluster of COVID 19 cases	1	0	46	0
ARI	1	0	11	0
Acute Watery Diarrhea	1	0	88	0
Unknown Poisoning	1	0	12	3
Tick bite	1	0	9	0
Chickenpox	1	0	9	0
COVID-19- 2021	1	1	66647	2701
Food poisoning	2	0	42	0
Gas (CO) Poisoning	1	0	34	0
<b>Total</b>	<b>147</b>	<b>71</b>	<b>68054</b>	<b>2731</b>

**Laboratory surveillance:**

A total of 34997 specimens were collected and shipped to CPHL and regional and private labs. Out of which **11,403** specimens were confirmed for COVID-19 in this week.

**Influenza Surveillance activities:**

In Epidemiological week 25<sup>th</sup> 2021, we have received Epidemiological reports from 9 out of 9 sentinel sites. (Kabul, Kapisa, Balkh, Herat, Kandahar, Bamyan, Baghlan, Nangarhar, and Paktya). Out of all new hospital admissions, 140(5%) Severe Acute Respiratory Infections cases were reported and 63% were under 5 years old. The proportion of SARI cases were increased as compared to week 24<sup>th</sup> 2021. Five SARI associated deaths were reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kapisa (33%), Kabul (24%) and Bamyan (16%). In this epidemiological week, our field staff shipped 29 SARI and 25 ILI specimens to the National Influenza Center (NIC).

**COVID-19 Surveillance Activities:**

In this week 34997 specimens were tested for suspected COVID-19. Out of which **11,403** samples were confirmed for COVID 19 by rtPCR. The cases have been managed either in the isolation wards or in-home quarantine.

Out of 28781 contacts of 8599 positive cases which were mostly family members with an average of 3 Contacts per case, and will be continued till 14 days of their last contact with the cases.

Also, surveillance screening teams screened all the passengers in the points of entry for fever, and health education was conducted for them, about **71785** passengers have been screened for COVID-19 in the point of entry of nine provinces (Balkh, Farah, Hirat, Kabul, Kandahar, Khost, Kunduz, Nangarhar and Nimroz provinces).

### Challenges:

- COVID-19 cases are slightly decreased in most of the provinces compared to last week (in general -08% less cases were reported, and -06% lab samples positivity rate decreased compared to last week countrywide).
- Bed occupancy rate (BOR) in the national level is 104.9%
- Inadequate lab sample collection for COVID-19 cases from the remote areas and districts, as majority of the samples are collected from the cities, this issue unable the surveillance system to present the real situation.
- Inadequate lab testing capacity in the country
- Contact tracing of the positive cases is not following well especially in the (Zabul, Paktika, Parwan, Daikuni) provinces

### Recommendations:

- Preventive measures for the spread of diseases including closure of schools, universities, hotel halls, sports clubs and all other mass gathering places with low impact to economy can be closed up to a dominant decrease of the cases and positivity rate.
  - Due to high BOR in the national level, GCMU colleagues are requested to increase the number of beds based on the surveillance data
  - COVID-19 lab samples should be collected from all districts (all PHs, DHs and district centers should collect the lab samples).
  - Screening process should be strengthened in the points of entry, all passengers having the travel history outside the country should be screened, lab samples should be collected from those having the signs and symptoms and home quarantine should be recommended up to sharing the lab result.
  - Lab testing capacity need to be increased and expanded to all the provinces
  - Contact tracing from all suspected and lab confirmed COVID-19 cases should be strengthened and home quarantine should be recommended for all contacts up to 14 days.
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- **EPI:** As the system detected 721 suspected Measles cases, 02 deaths due to Measles, 06 suspected pertussis cases and 02 Suspected Tetanus/Neonatal tetanus cases, further prevention and control measures should be conducted by EPI team.
  - The findings should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.