

Ministry of Public Health

Monitoring Evaluation & Health Information System GD

Diseases Surveillance Department

وزارت صحت عامه

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ریاست عمومی نظارت ارزیابی و سیستم معلومات صحی

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National Disease Surveillance
& Response (NDSR)

NDSR Weekly Epidemiological Report 25th

Date: 16 – 22/06/2024

Summary:

- Out of **613** functional Surveillance sentinel sites, **608 (99.2%)** have submitted reports this week.
- A total of **327,812** new consultations, of which **119,566 (36.5%)** were due to Surveillance targeted diseases. That included **61,768 (51.7%) males** and **57,798 (48.3%) females**. Also, **57,667 (48.2%)** people under five years old and **61,899 (51.8%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**51,100 = 15.6%** cases out of total new consultations), Acute Diarrheal Diseases (**53,648 = 16.4%** cases out of total new consultations), and Pneumonia (**9,964 = 3%** cases out of total new consultations).
- A total of **285** deaths were reported this week, of which **70 (24.5%)** deaths were due to surveillance-targeted diseases, which include **46 ARI Pneumonia** deaths, **10 Suspected Meningitis** deaths, **04 suspected Measles** deaths, **04 Acute Watery Diarrhea with Dehydration** deaths, **03 Acute Viral Hepatitis** deaths, **02 COVID-19** deaths and **01 Neonatal Tetanus** death.

Moreover, **12** COVID-19 confirmed cases and **1451** suspected Measles cases (IBS) were reported at the national level.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2024

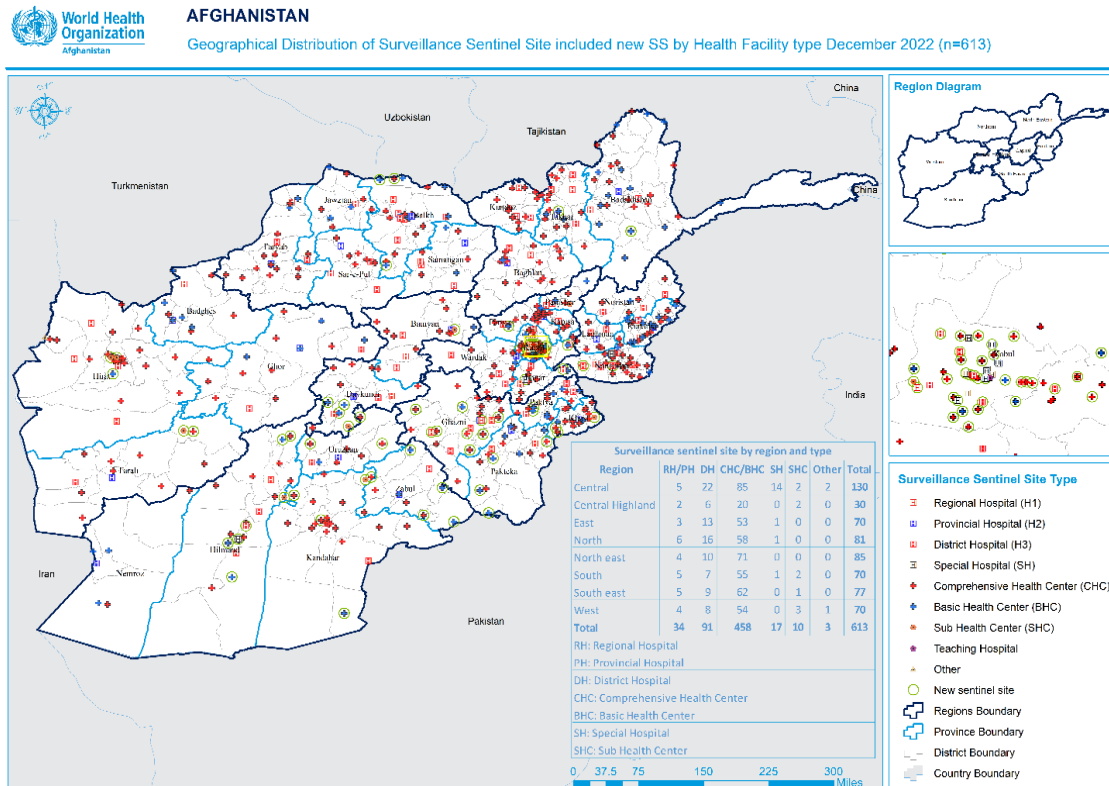


Table 1: Coverage of NDSR Surveillance System

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	8	26	90	348	111	17	10	3	613

Indicator – based Surveillance (IBS):

The indicator-based surveillance component of the NDSR, reports 17 priority conditions/infectious diseases from sentinel sites on weekly basis. The data is compared with previous weeks and the corresponding weeks of the previous three years, and the alert and epidemic thresholds are checked to see if disease incidence has crossed these levels and necessary action is initiated.

Figure 2: A

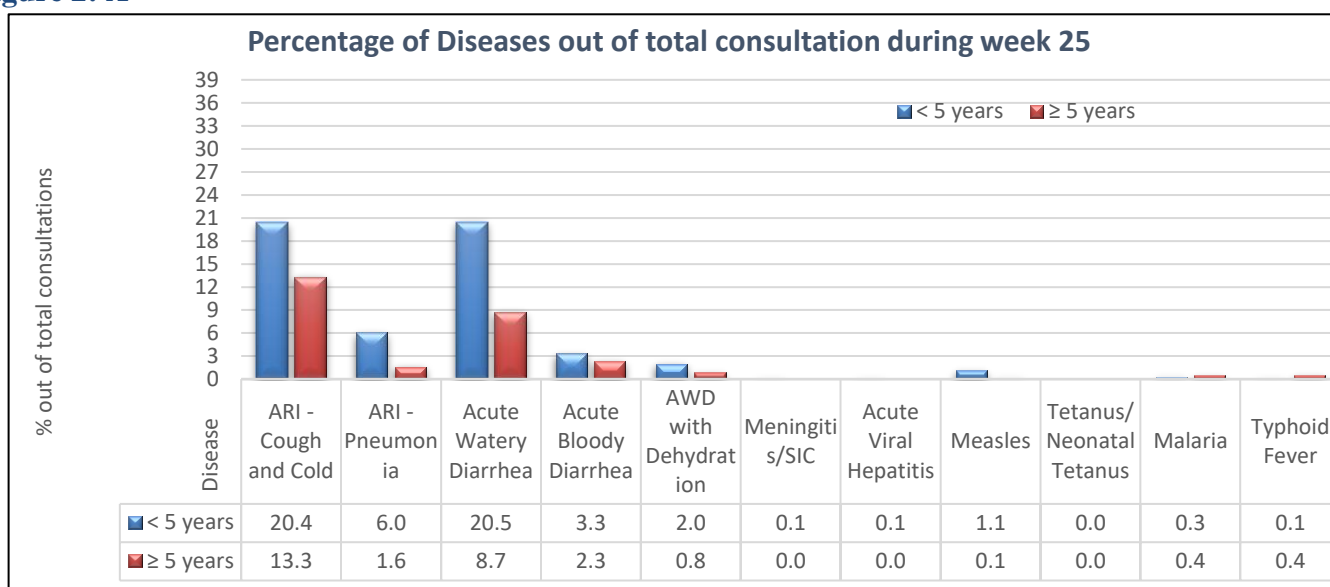
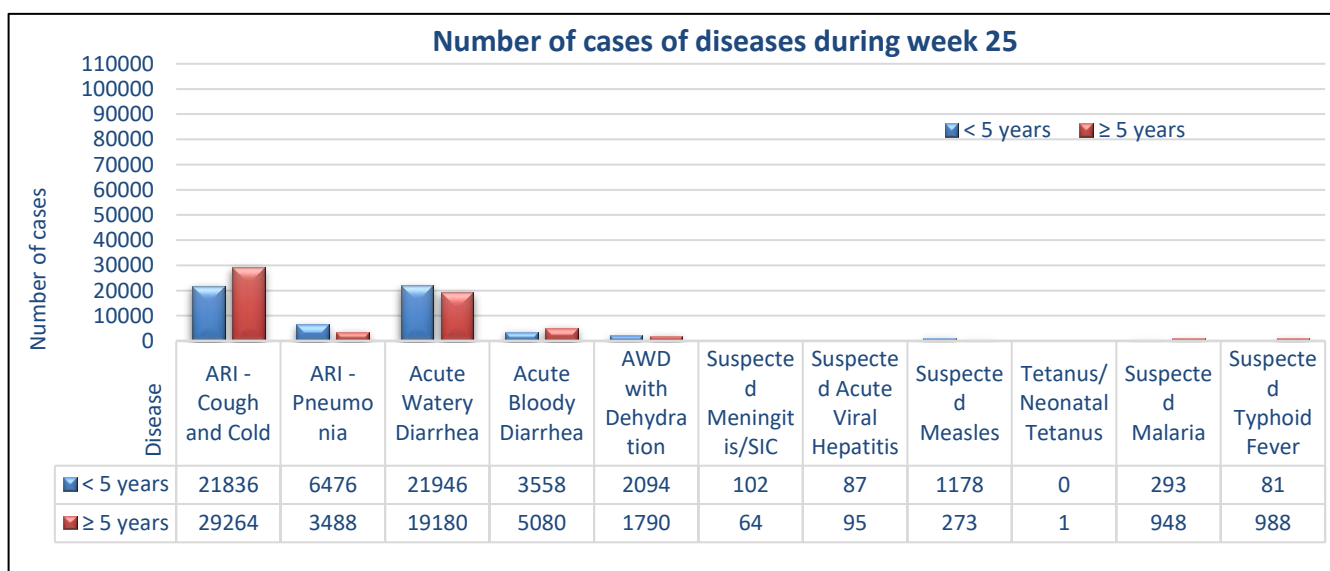


Figure 2: B



Seasonal Diseases:
Figure 3: A

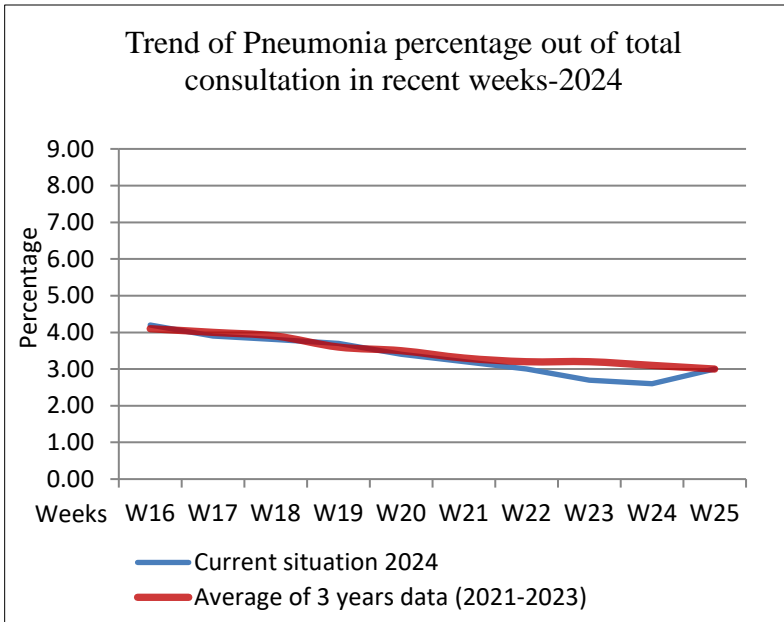


Figure 3: B

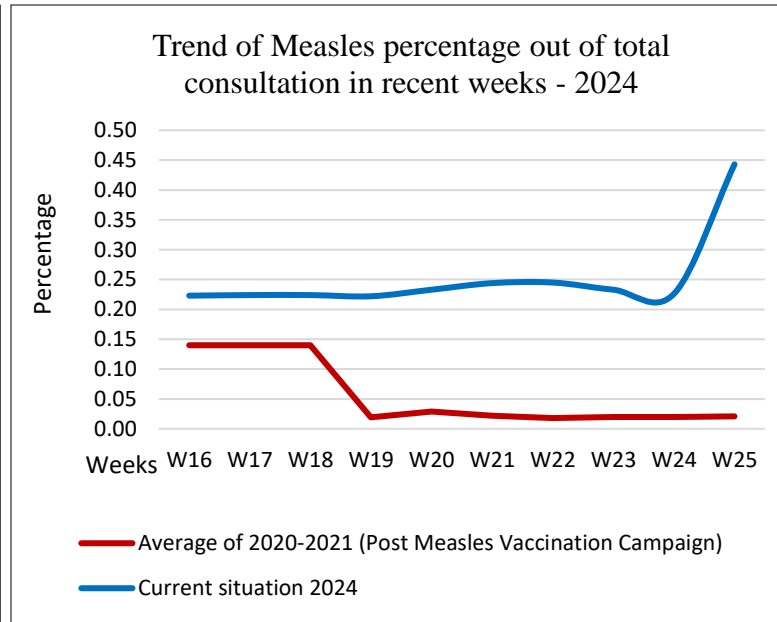


Figure 3: C

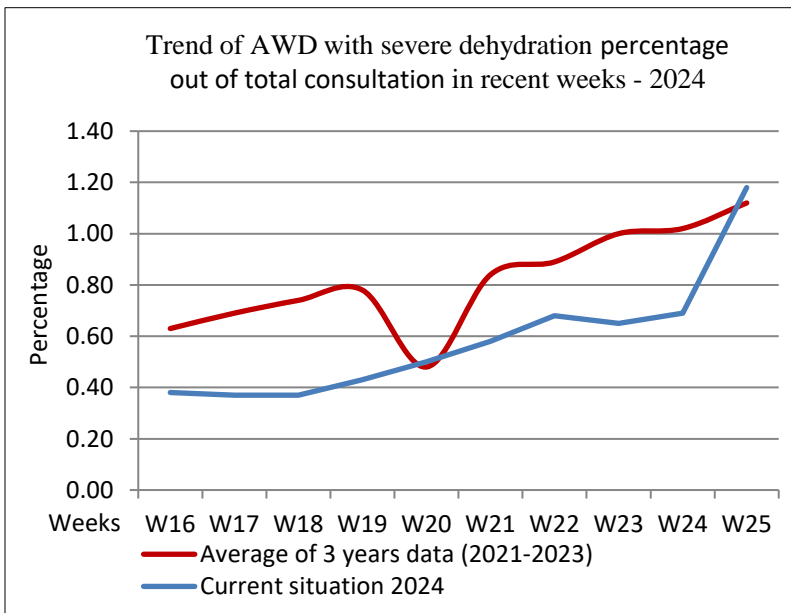


Figure 3: D

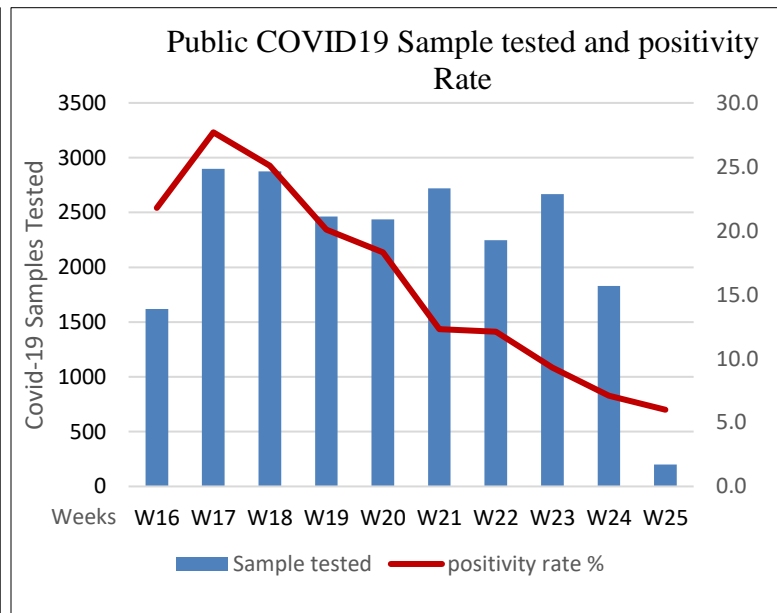


Figure 4: Due to the official holidays of Eid, during the last week there was no outbreak.

Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 22 June 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	284	0	10311	0
Measles	282	60	3378	24
Suspected Chickenpox	183	2	3161	0

Dog bites/Suspected Rabies	54	0	424	0
Pertussis	4	0	55	0
Mumps	15	0	428	0
Impetigo	2	0	79	0
Leishmaniasis	4	2	371	0
Pink Eye	3	0	29	0
ARI/Pneumonia	8	0	300	10
Food Poisoning	9	0	143	0
Dengue Fever	2	1	40	0
Typhoid Fever	4	0	96	0
CCHF	2	2	5	2
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	2	4	1
COVID-19	4	3	213	4
Anthrax	3	0	3	0
Acute Watery Diarrhea + Dehydration	10	10	35	0
Confirmed Malaria	14	14	1847	0
Acute Bloody Diarrhea	1	0	43	0
Grand Total	891	96	21020	41

Laboratory surveillance:

A total of **1182** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **10** specimens were confirmed for Acute Viral Hepatitis, **45** specimens were confirmed for Measles and **56** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 25th 2024, we have received reports from all ten influenza sites (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, Paktia, and Badakhshan) provinces. Out of all new hospital admissions, 475 (10,8%) Severe Acute Respiratory Infections cases were reported, and 260 (54,7%) were under 5 years old. The proportion of SARI cases decreased compared to weeks 24–2024. 10 SARI-associated deaths were reported this week. At the 10 Influenza sentinel sites, the top sites with the highest proportion of SARI cases were Kabul (45%), Paktya (33%), and Baghlan (19%). During this week, our field staff collected 27 SARI and 18 ILI specimens, which were then shipped to the NIC in Kabul.

COVID-19 Surveillance activities:

This week, **200** specimens were tested for the suspected COVID-19. Out of which **12** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 6.0% this week, which decreased 1.1% compared to the previous week.
- Out of **12 confirmed** cases, **72** contacts out of **10** were traced that were mostly family members, with an average of 4 contacts per case, and will be continued until 14 days after their last contact with the confirmed cases. Also, surveillance screening teams screened all the passengers at the points of entry for fever. In addition, health education was conducted for them. About **3636** passengers have been screened for COVID-19 at the three points of entry in (Kandahar, Herat and Nimroz) provinces.

Challenges:

- Measles cases are still a public health concern in the country.
- Scabies cases are on increasing trend as a public health challenge due to unimproved lifestyle of the community.
- Chickenpox cases are on increasing trend, and it is recommended to provide its vaccine through the national EPI.
- Dog-bite cases are on increasing trend, and it is recommended to provide its control measure through the Zoonotic committee in national level.
- ARI cough and cold cases are on the decreasing trend (3.6%) compared to the previous week.
- Pneumonia cases are on the increasing trend (0.4%) compared to the previous week.
- Diarrheal diseases are on the increasing trend (3.6%) compared to the previous week.
- COVID-19 preventive and control measures should be strengthened.
- Vaccine preventable diseases (especially Measles and Pertussis vaccination and preventive measures) should be strengthened.
- The measles response strategy should be reviewed to respond to the current measles epidemic situation.
 - **EPI:** As the surveillance system detected **1451 (IBS+EBS)** suspected Measles cases with **04 (IBS+EBS)** deaths at the national level, further prevention and control measures should be conducted by the EPI team.
- The findings should be analyzed further at different levels, and appropriate actions should be taken by the concerned department.