

Ministry of Public Health

Monitoring Evaluation & Health Information System GD

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 20th

Date: 12 – 18/05/2024

Summary:

- Out of **613** functional Surveillance sentinel sites, **610 (99.5%)** have submitted reports this week.
- A total of **721,750** new consultations, of which **259,905 (36%)** were due to Surveillance targeted diseases. That included **137,434 (52.9%) males** and **122,471 (47.1%) females**. Also, **123,801 (47.6%)** people under five years old and **136,104 (52.4%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**159,748 = 22.1%** cases out of total new consultations), Acute Diarrheal Diseases (**67,930 = 9.4%** cases out of total new consultations), and Pneumonia (**24,279 = 3.4%** cases out of total new consultations).
- A total of **314** deaths were reported this week, of which **84 (26.8%)** deaths were due to surveillance-targeted diseases, which include **64 ARI Pneumonia** deaths, **10 Suspected Meningitis** deaths, **06 suspected Measles** deaths, **02 Acute Viral Hepatitis** deaths, **01 Acute Watery Diarrhea with Dehydration** death and **01 Suspected Hemorrhagic Fever** death.
- In addition, during this week, **33** outbreaks were reported: **15 clinical Scabies** outbreaks were reported from Baghlan, Bamyán, Helmand, Herat, Kabul, Khost, Logar, Paktia, Panjshir and Wardak provinces, **08 suspected Measles** outbreaks were reported from Bamyán, Helmand, Kabul, Kapisa, Kunar, Kabul Nangarhar and Wardak provinces, **05 Clinical Chickenpox** outbreaks were reported from Bamyán, Herat, Kabul and Panjshir provinces, **02 Dog bite/ suspected Rabies** outbreaks were reported from Helmand and Parwan provinces, **01 AWD** outbreak was reported from Nangarhar province, **01 Malaria** outbreak was reported from Nangarhar province, **01 Typhoid Fever** outbreak was reported from Paktika province.

Moreover, **446** COVID-19 confirmed cases and **1681** suspected Measles cases (IBS) were reported at the national level.

Figure 1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2024

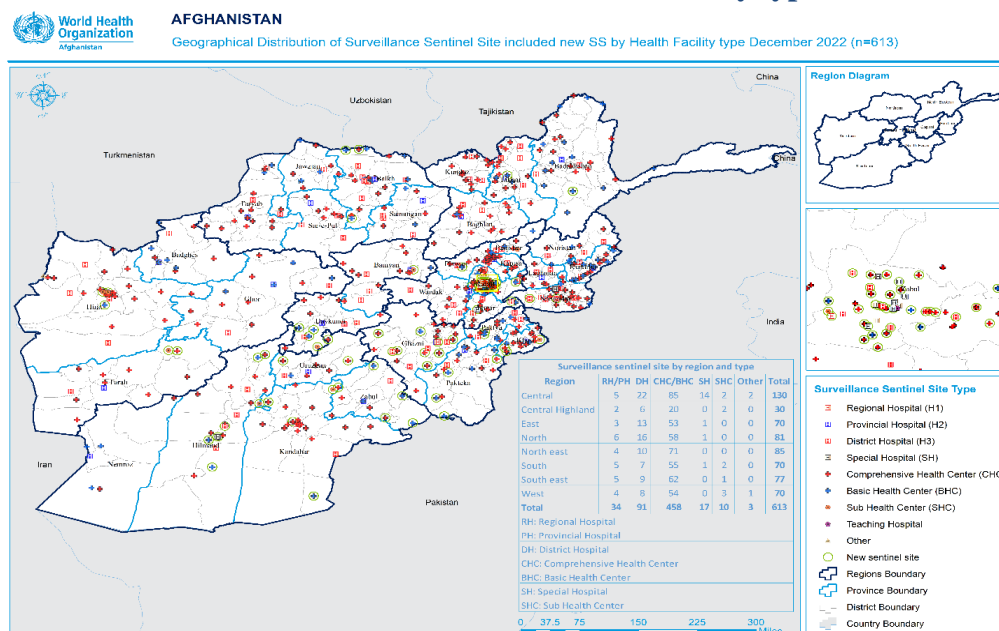


Table 1: Coverage of NDSR Surveillance System

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

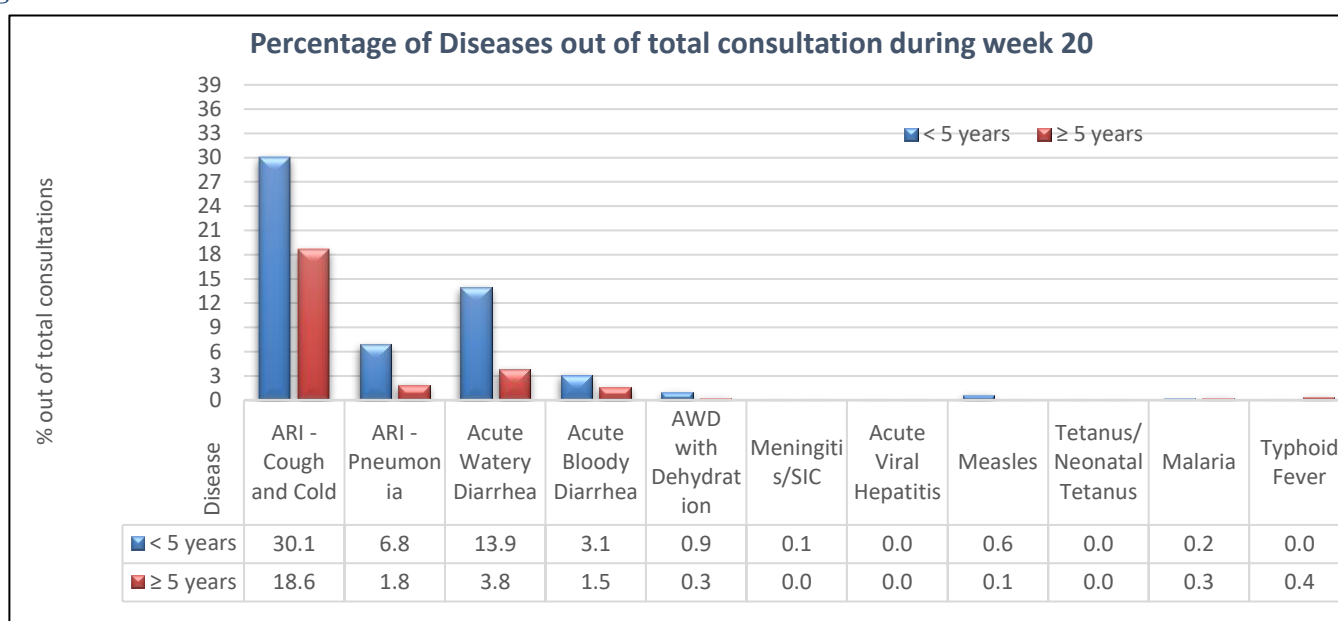
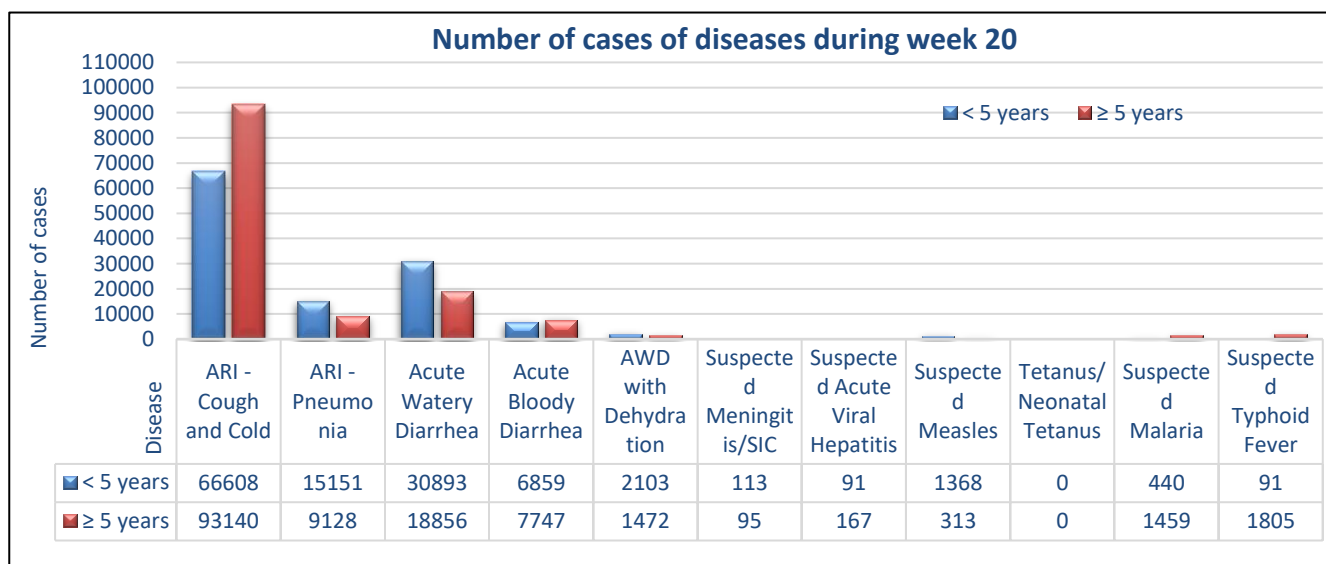


Figure 2: B



Seasonal Diseases:

Figure 3: A

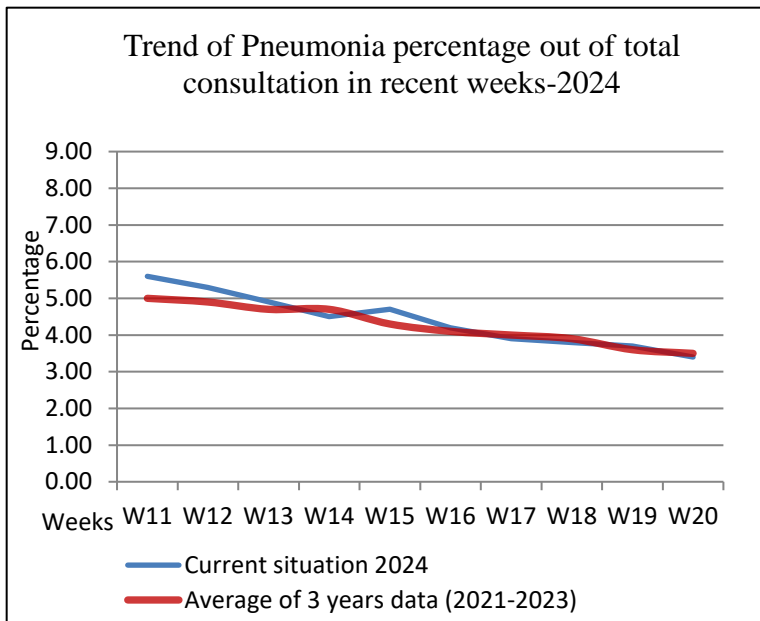


Figure 3: B

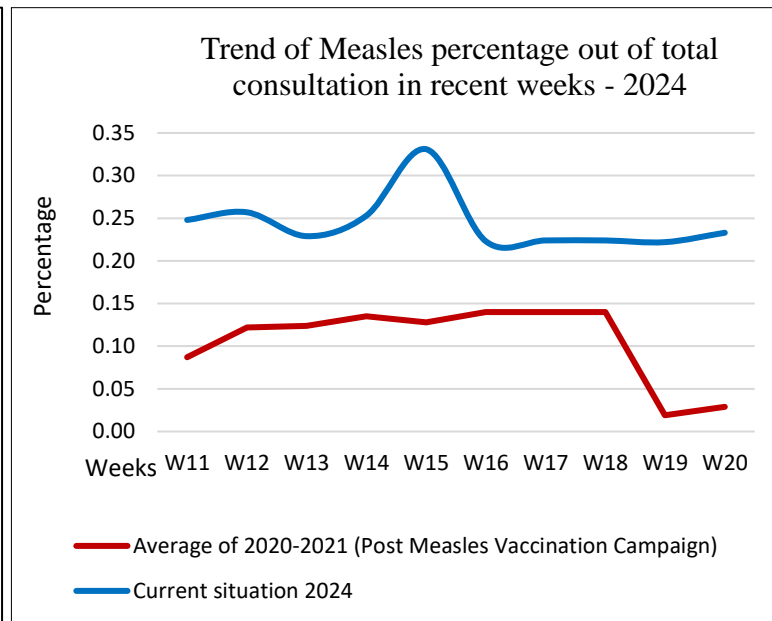


Figure 3: C

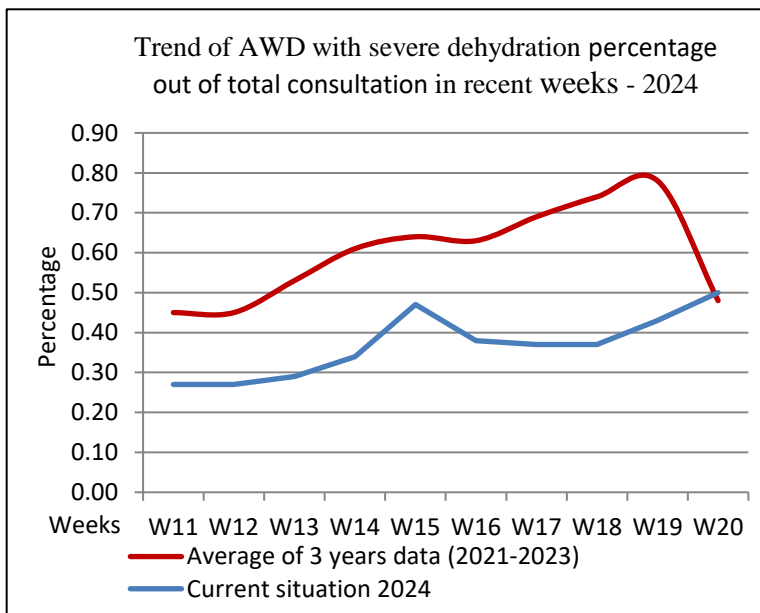


Figure 3: D

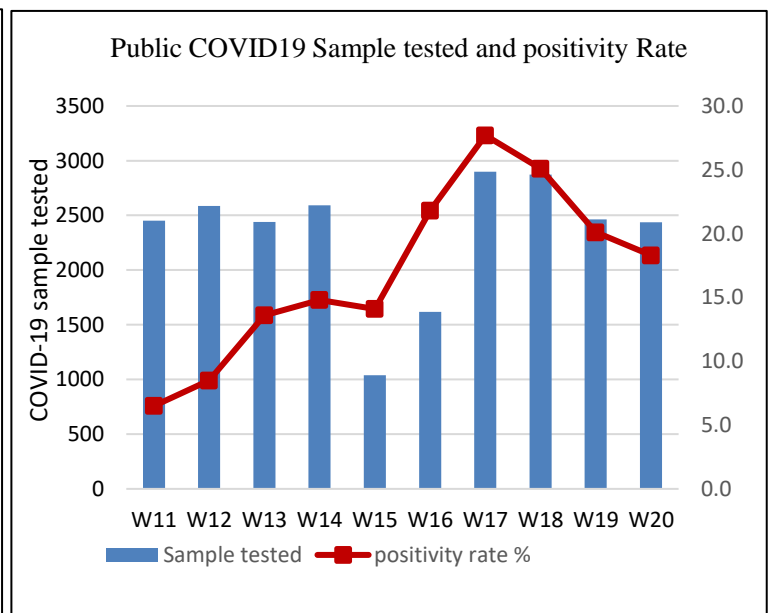


Table 3: Outbreaks in Week 20th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week # 20-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
Clinical Scabies	15/05/24	Baghlan	Baghlan-E-Jadid	Laqa-E-Ha	16	0	NA	NA
	12/05/24	Bamyan	Shebar	Jalmish	40	0	NA	NA
	12/05/24		Center	Shahrak Safa	18	0	NA	NA
	14/05/24		Saighan	Pishang	47	0	NA	NA
	16/05/24	Helmand	Lashkargha	Mahjirin Camp	9	0	NA	NA
	11/05/24	Herat	Karukh	Shahrak-E-Sabz	411	0	NA	NA
	15/05/24	Kabul	12	Qala E Jabar	30	0	NA	NA
	16/05/24		13	Qala E Wahid	21	0	NA	NA
	17/05/24	Khost	Matoon (Center)	Police O Nomri	16	0	NA	NA
	14/05/24	Logar	Puli Alam	Shahraki Muhajerin	29	0	NA	NA
	18/05/24		Pule Alam	Alam Khail	14	0	NA	NA
	12/05/24	Paktia	Dande Pathan	Matwarkh	38	0	NA	NA
	13/05/24	Panjshir	Hisa Awal	Ghozo	16	0	NA	NA
	11/05/24	Wardak	Jalrez	Zaimany	29	0	NA	NA
	13/05/24		Said Abad	Chahardehy	47	0	NA	NA
Suspected Measles	12/05/24	Bamyan	Yakawlang	Alwaqul-E-Sariqul	30	0	85%	70%
	11/05/24	Helmand	Garamsir	Khari Haji Spin	8	0	79%	15%
	13/05/24	Kabul	Bagrami	Shahrak Mirwais	6	0	82%	30%
	16/05/24	Kabul	5	Company	5	0	64%	50%
	13/05/24	Kapisa	Tagab	Anar Joi	6	0	70%	40%
	12/05/24	Kunar	Narang Wa Badil	Lama Tak Village Of Narang Wa Badil	7	0	80%	75%
	14/05/24	Nangarhar	Lalpur	Sada	12	0	100%	60%

Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 18 May 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	230	0	8481	0
Measles	221	57	2649	23
Suspected Chickenpox	163	2	2753	0
Dog bites/Suspected Rabies	44	0	349	0
Pertussis	4	0	55	0
Mumps	14	0	406	0
Impetigo	2	0	79	0
Leishmaniasis	3	2	326	0
Pink Eye	3	0	29	0
ARI/Pneumonia	8	0	300	10
Food Poisoning	7	0	72	0
Dengue Fever	1	1	38	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	2	2	5	0
Confirmed Malaria	3	3	442	0
Grand Total	721	74	16360	40

Laboratory surveillance:

A total of **4355** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **13** specimens were confirmed for Acute Viral Hepatitis, **92** specimens were confirmed for Measles, and **21** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 20th 2024, we have received reports from 10 out of 10 sentinel sites (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, Paktia and Badakhshan). Out of all new hospital admissions, 665 (14.3%) Severe Acute Respiratory Infections cases were reported and 58% were under 5 years old. The proportion of SARI cases increased compared to week 19th 2024. 24 SARI-associated deaths were reported this week. At the 10 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kabul (43.0%), Paktia (39.0%), and Badakhshan (27.0%) provinces. During this Epi-week, our field staff shipped 30 SARI and 20 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **2437** specimens were tested for suspected COVID-19. Out of which **446** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 18.3% this week, which increased 7.7% compared to the previous week.
- Out of **446 confirmed** cases, **694** contacts out of **188** 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 **41,107** passengers have been screened for COVID-19 at the two points of entry in (Kandahar and Herat) 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 (0.6%) compared to the previous week.
- Pneumonia cases are on the decreasing trend (0.3%) compared to the previous week.
- Diarrheal diseases are on the increasing trend (0.7%) 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 **1766 (IBS+EBS)** suspected Measles cases with **06 (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.