

Ministry of Public Health

Monitoring Evaluation & Health Information System GD

وزارت صحت عامه

Diseases Surveillance Department

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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 28th

Date: 07 – 13 /07/2024

Summary:

- Out of **613** functional surveillance sentinel sites, **613 (100%)** have submitted reports this week.
- A total of **718,894** new consultations, of which **258,285 (35.9%)** were due to Surveillance targeted diseases. That included **136,579 (52.9%) males** and **121,706 (47.1%) females**. Also, **126,254 (48.9%)** people under five years old and **132,031 (51.1%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**122,707 = 17.1%** cases out of total new consultations), Acute Diarrheal Diseases (**110,943 = 15.4%** cases out of total new consultations), and Pneumonia (**15,858 = 2.2%** cases out of total new consultations).
- A total of **395** deaths were reported this week, of which **82 (20.8%)** deaths were due to surveillance-targeted diseases, which include **54 ARI Pneumonia** deaths, **07 suspected Measles** deaths, **07 Suspected Meningitis** deaths, **03 suspected Hemorrhagic Fever** deaths, **02 COVID-19** deaths and **01 Neonatal Tetanus** death.
- In addition, during this week, **32** outbreaks were reported: **12 Suspected Measles** outbreaks were reported from Badakhshan, Faryab, Ghor, Kunduz, Logar, Nuristan, Parwan, Takhar, Urozgan and Wardak provinces, **07 Clinical Scabies** outbreaks were reported from Baghlan, Balkh, Herat, Kabul, Laghman, Paktia, and Panjshir provinces, **04 Clinical Chickenpox** outbreaks were reported from Baghlan, Kabul and Kapisa provinces, **02 AWD with Dehydration** outbreaks were reported from Nangarhar province, **03 Dog bite/suspected Rabies** outbreaks were reported from Badakhshan, Paktia and Takhar provinces, **01 Clinical Impetigo** outbreak was reported from Helmand province, **01 Clinical Typhoid** outbreak was reported from Kunar province, **01 Food Poisoning** outbreak was reported from Kunar and **01 Pertussis** outbreak was reported Kapisa province.

Moreover, **180** COVID-19 confirmed cases and **1634** 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

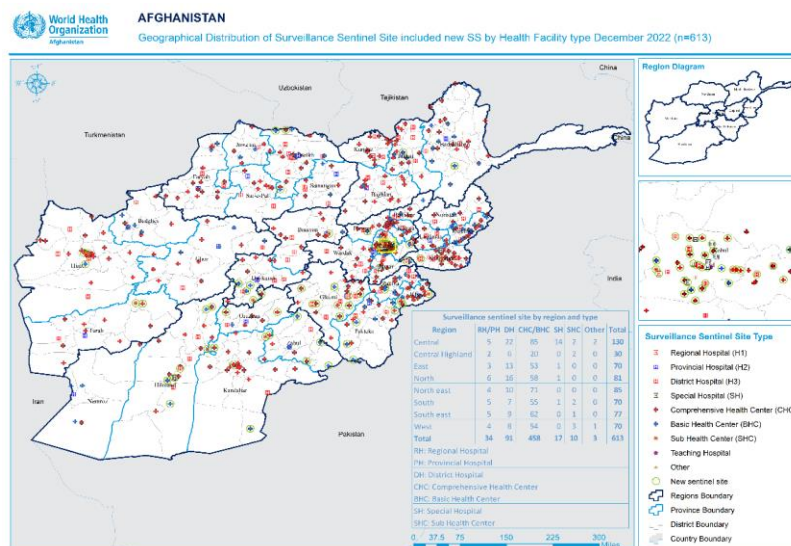


Table 1: Coverage of NDSR Surveillance System

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

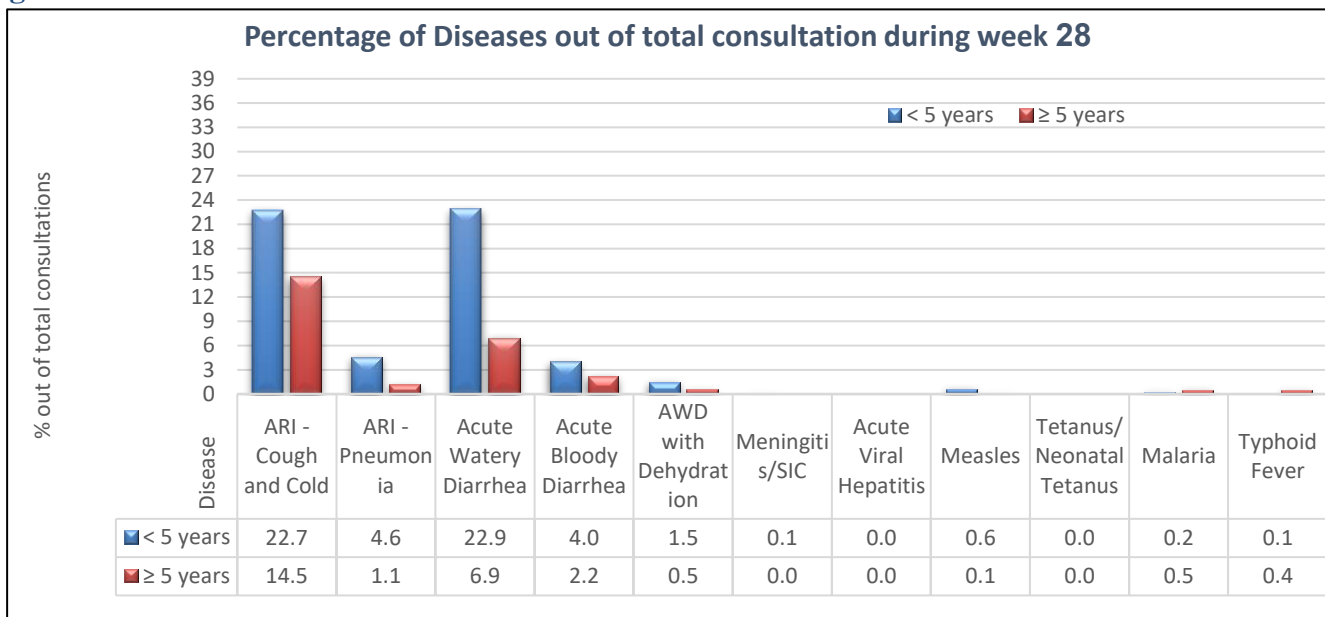
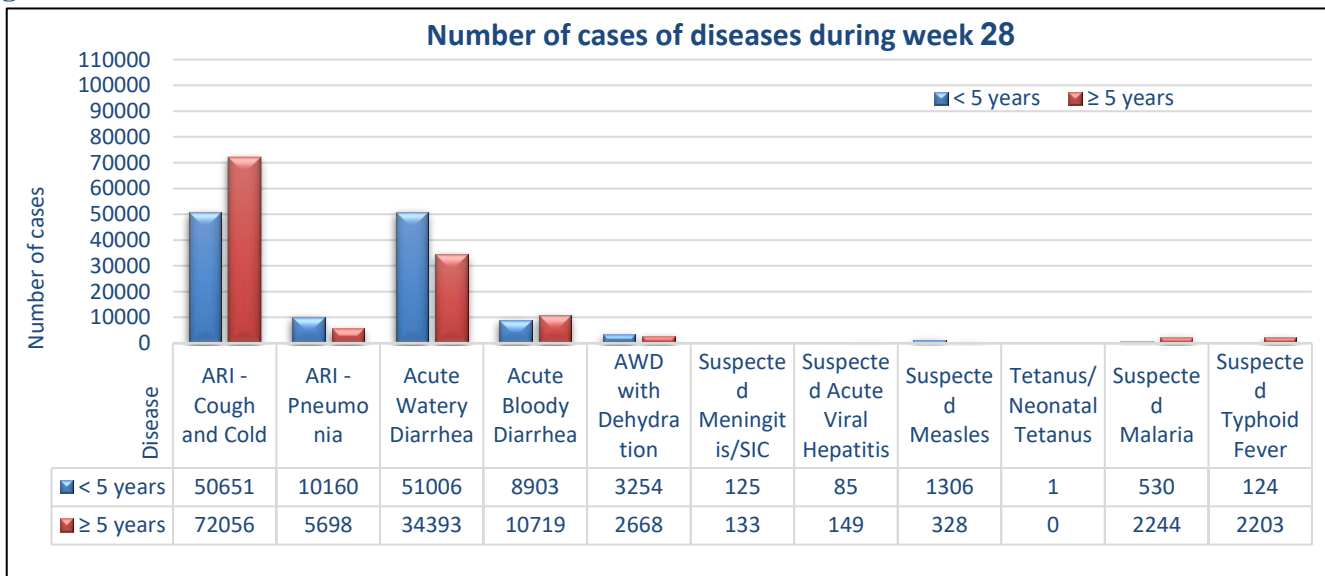


Figure 2: B



Seasonal Diseases:
Figure 3: A

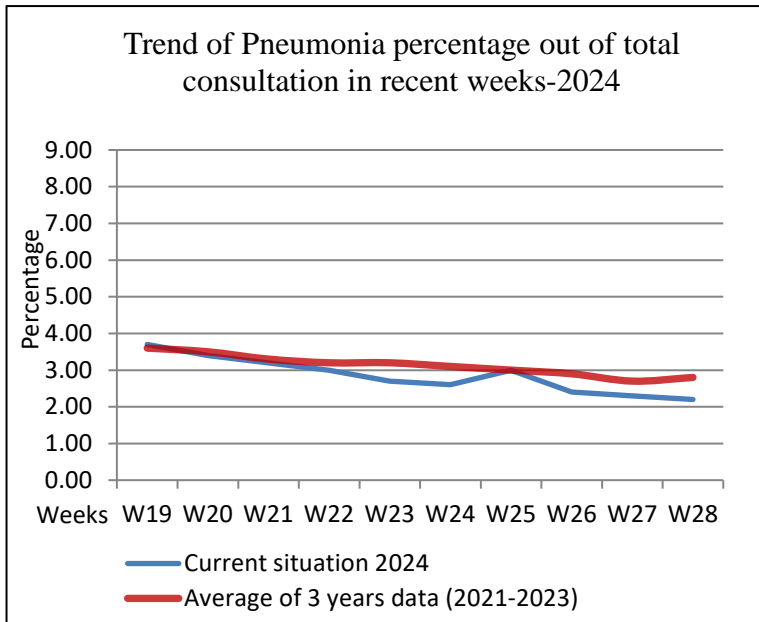


Figure 3: B

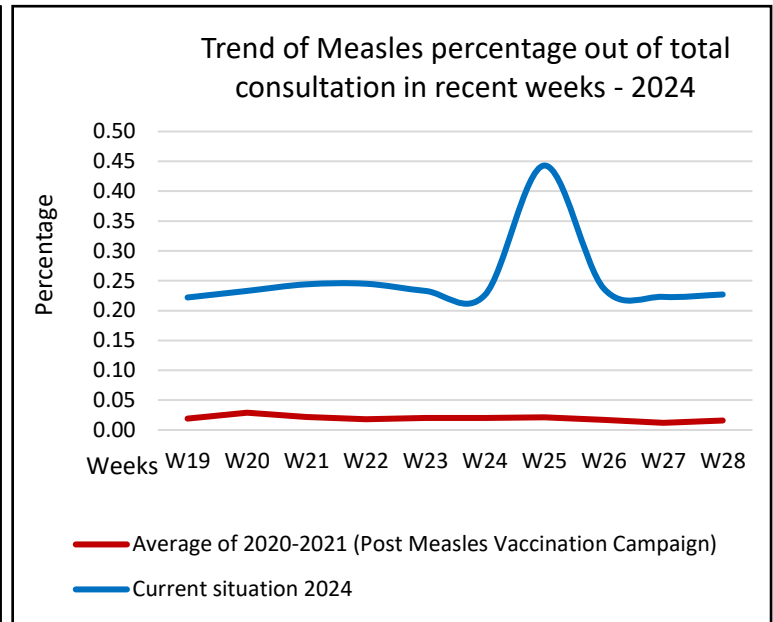


Figure 3: C

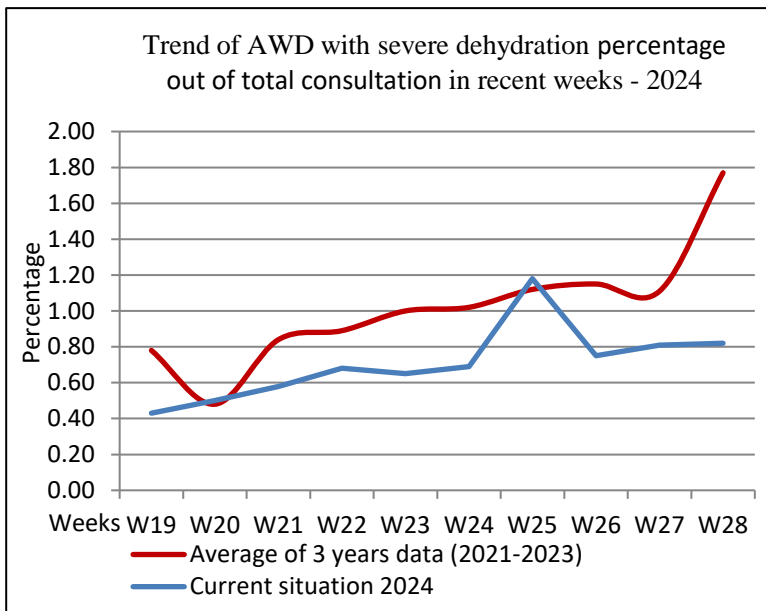


Figure 3: D

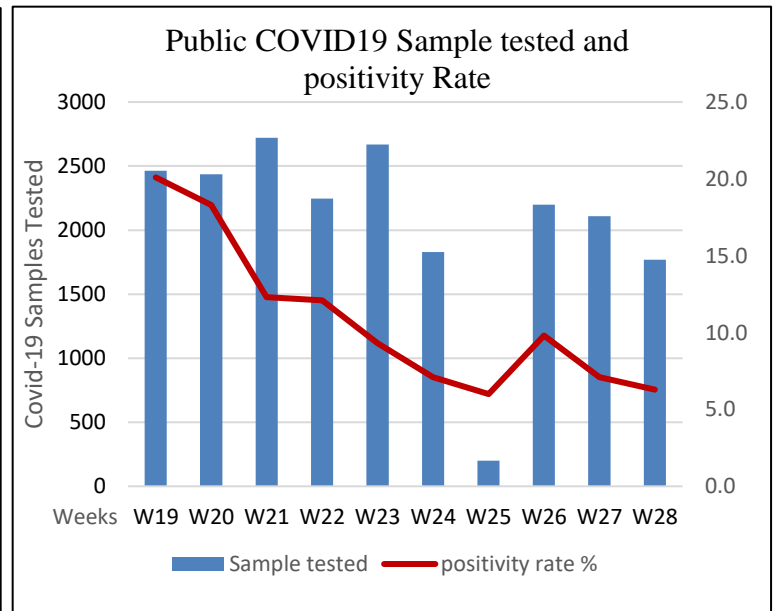


Table 3: Outbreaks in Week 28th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week #28-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
Suspected Measles	07/7/24	Badakhshan	Argo	Naw Aabad Danishmandan	7	1	0%	0%
	06/7/24	Faryab	Qaysar	Bishkapa Arabha	6	0	70%	25%
	07/7/24	Ghor	Dawlatyar	Ghalmast	7	0	90%	70%
	06/7/24	Kunduz	Khanabad	Machin Khil	10	0	43%	25%
	08/7/24		Chahar Darah	Etifaq	6	0	98%	23%
	09/7/24	Logar	M. Agha	Abbazak	15	0	43%	25%
	04/7/24	Nuristan	Douab	Bajagale	11	0	90%	65%
	09/7/24		Kamdesh	Papra	14	0	70%	55%
	06/7/24	Parwan	Bagram	Qall-E-Gulai	10	0	70%	35%
	07/7/24	Takhar	Taloqan	Chahar Asyab	5	0	70%	50%
	07/7/24	Urozgan	Dehrawood	Zartala	12	0	117%	42%
	10/7/24	Wardak	Chak	Lanagr And Tatang	12	0	72%	61%
Clinical Scabies	09/7/24	Baghlan	Freeng	Mir Angana	48	0	NA	NA
	06/7/24	Balkh	Nahre Shahi	Chehl Gazi	19	0	NA	NA
	08/7/24	Herat	Injil	Moql Abad	104	0	NA	NA
	08/7/24	Kabul	5	Pule Awal Qala E Wahid	10	0	NA	NA
	07/7/24	Laghman	Mehterlam	Mehterlam City Jihadi Madrasa	97	0	NA	NA
	06/7/24	Paktia	Gardiz	Tera	20	0	NA	NA
	09/7/24	Panjshir	Dara	Tenkho	40	0	NA	NA
Clinical Chickenpox	08/7/24	Baghlan	Khost-Wa-Fereng	She Khan	14	0	NA	NA
	10/7/24		Guzargah -E-Noor	Jarab	14	0	NA	NA
	07/7/24	Kabul	Surobi	Bokhwani	7	0	NA	NA
	10/7/24	Kapisa	Nijrab	Zarshoi	5	0	NA	NA

AWD with Dehydration	10/7/24	Nangarhar	Jalalabad	5 Zone Ahmad Shah Baba Mena	4	0	NA	NA
	11/7/24		Jalalabad	Alikhil Baburian Zone 3rd	1	0	NA	NA
Dog bite / suspected Rabies	07/7/24	Badakhshan	Shuhada	4 Villages, In Shuhada	6	0	NA	NA
	09/7/24	Paktia	Gardiz	Khwaja Hason	10	0	NA	NA
	10/7/24	Takhar	Taloqan	Tajar Bashi	8	0	NA	NA
Clinical Impetigo	07/7/24	Helmand	Nadali	Shin Village	28	0	NA	NA
Clinical Typhoid	07/7/24	Kunar	Marawarah	Mano	15	0	NA	NA
Food Poisoning	11/7/24	Kunar	Shultan	Chawgam	8	0	NA	NA
Pertussis	11/7/24	Kapisa	Kohistani -2	Jamal Agha	5	0	90%	80%

Figure 4: Suspected Measles, clinical Scabies, clinical Chickenpox, AWD with dehydration, dog bite/suspected Rabies, clinical Impetigo, clinical Typhoid, food poisoning, Pertussis, COVID-19 cases, and deaths during the week 28th 2024.

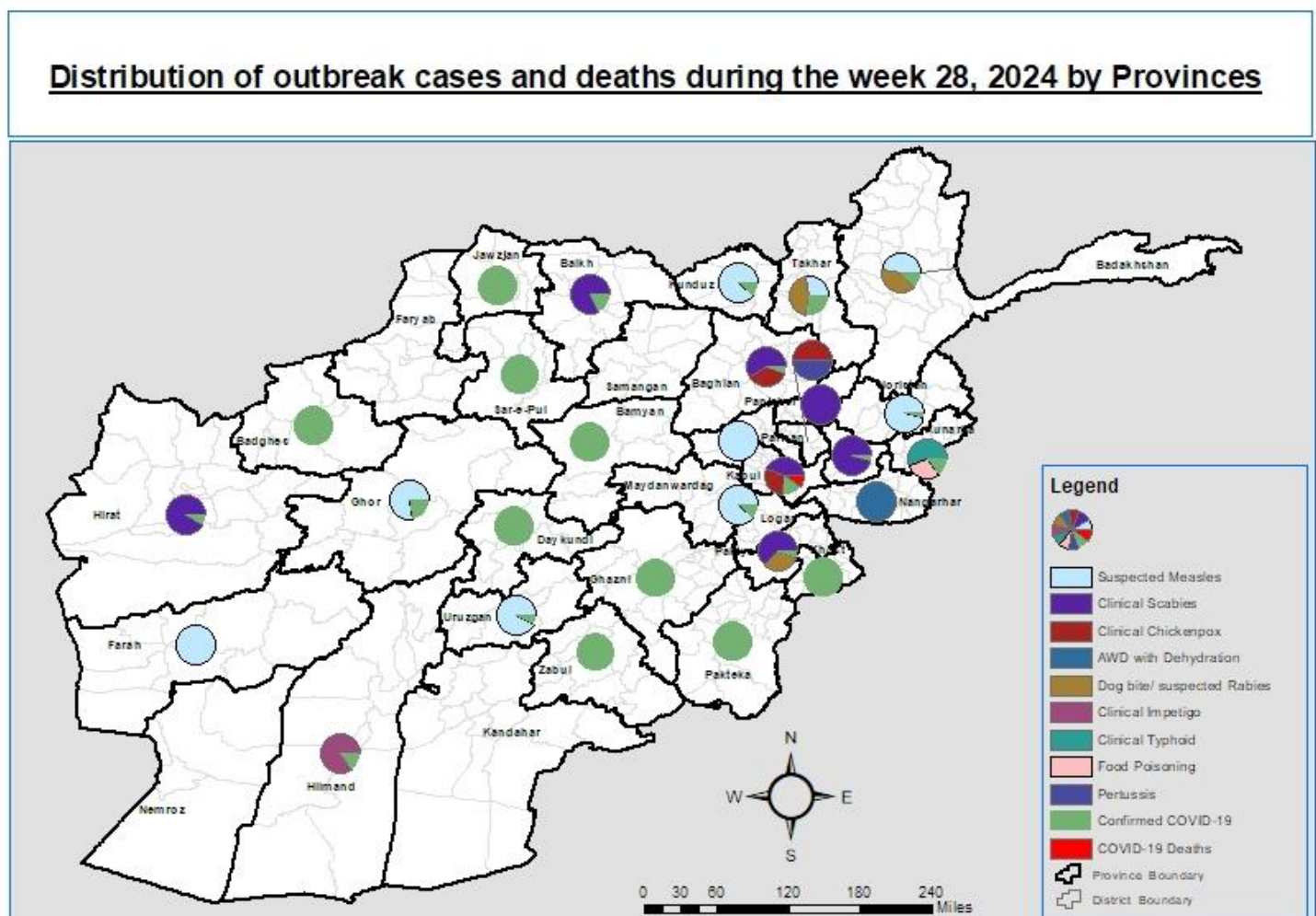


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 13 July 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	303	0	11142	0
Measles	308	175	3638	29
Suspected Chickenpox	191	47	3243	0
Dog bites/Suspected Rabies	60	0	472	0
Pertussis	7	0	148	0
Mumps	15	0	428	0
Impetigo	4	0	127	0
Leishmaniasis	4	2	371	0
Pink Eye	3	0	29	0
ARI/Pneumonia	8	0	300	10
Food Poisoning	12	0	166	0
Dengue Fever	2	2	40	0
Typhoid Fever	5	0	111	0
CCHF	9	9	24	9
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	2	4	1
COVID-19	4	4	213	4
Anthrax	3	0	3	0
Acute Watery Diarrhea + Dehydration	18	18	62	0
Confirmed Malaria	15	15	1861	0
Acute Bloody Diarrhea	1	0	43	0
Grand Total	975	274	22480	53

Laboratory surveillance:

A total of **4128** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **07** specimens were confirmed for Acute Viral Hepatitis, **176** specimens were confirmed for Measles and **57** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 28th 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, 473 (9,3%) Severe Acute Respiratory Infections cases were reported, and 256 (54%) were under 5 years old. The proportion of SARI cases decreased compared to weeks 27–2024. 20 SARI-associated deaths were reported this week. At the 10 Influenza sentinel sites, the top sites with the highest proportion of SARI cases were Paktia (30%), Kabul (28%), and Kapisa (13,7%). 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, **1768** specimens were tested for the suspected COVID-19. Out of which **180** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 10.2% this week, which increased 4.1% compared to the previous week.
- Out of **180 confirmed** cases, **251** contacts out of **71** 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 **63,336** passengers have been screened for COVID-19 at the four points of entry in (Herat, Kandahar, Nangarhar 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 same trend compared to the previous week.
- Pneumonia cases are on the decreasing trend 0.1% compared to the previous week.
- Diarrheal diseases are on the increasing trend 0.2% 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 **1749 (IBS+EBS)** suspected Measles cases with **08 (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.