

MONTHLY DISEASES EPIDEMIOLOGY REPORT

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January (Epidemiological Weeks 1- 4), 2023

1. Highlights on COVID-19 surveillance and NEWARS reporting

I. Highlights on COVID-19:

- a) Total of 66 (antigen 38 and PCR 28) SARS-CoV-2 positive cases were detected in the month of January 2023
- b) The trend of SARS-COV-2 cases had been decline steadily
- c) The cumulative number of positive cases has gone to 62,653 at the end of January 2023.

II. Highlights on NEWARS:

- a) One dengue fever reported from Nganglam Hospital and one suspected Bacterial meningitis was reported from JDWNRH, in January 2023
- b) No outbreak was reported during the month.

2. Situation of COVID-19:

A total of 66 laboratory-confirmed cases of SARS-CoV-2 have detected in the month of January, the trend of SARS-CoV-2 cases detection had been declining steadily since September 2022 (**Figure 1**).

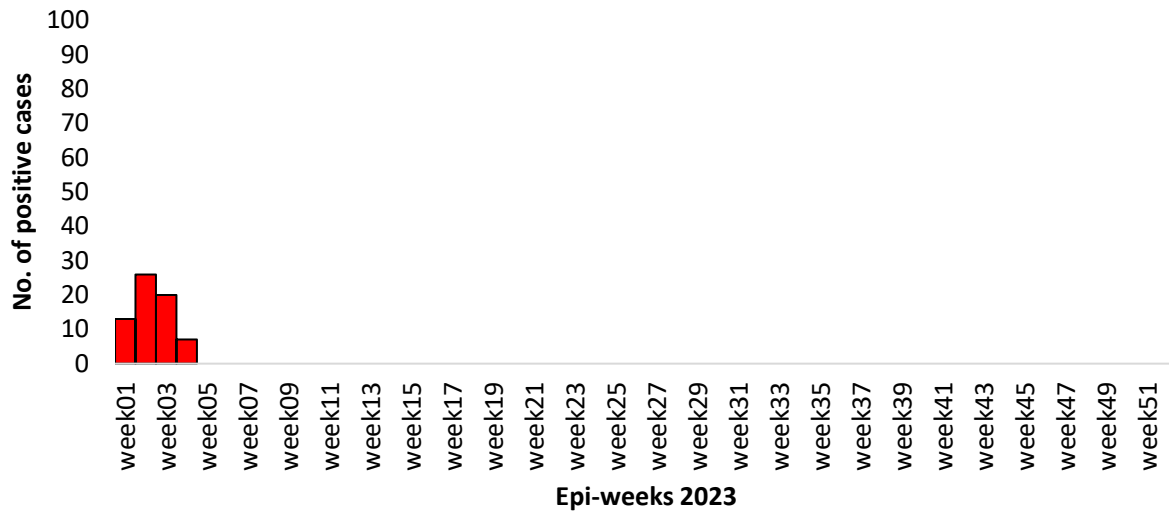
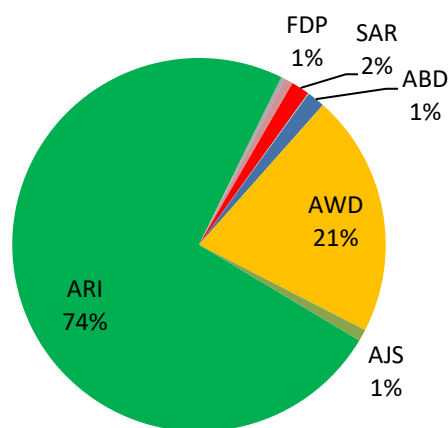


Figure 1: No. of samples tested positive for SARS-CoV-2 by epi-week, 2023

3. Status of Notifiable Diseases/Syndromes reported:

A total of 9511 cases of notifiable diseases were reported in the weekly indicator-based surveillance system, among the 11 weekly notifiable diseases Acute Respiratory Illness (ARI) (74.0%) followed by Acute Watery Diarrhea (AWD) (20.0%) topped the list (**Figure 2**).



Abbreviation:), ABD (Acute Bloody Diarrhea), AWD (Acute Watery Diarrhea), ARI (Acute Respiratory Infection), SAR (Severe Acute Respiratory Infection), DGF (Dengue Fever) MUM (Mumps) TPF (Typhoid Fever) RKS (Rickettsiosis) SARI (Severe Acute Respiratory illness FBD (Food borne illness)

Figure 2: Proportion of notifiable diseases reported in NEWARS

Among the dzongkhags, Sarpang and Samtse had reported a higher percentage of ARI while Sarpang reported a higher percentage of SARI cases (**Figure 3**):

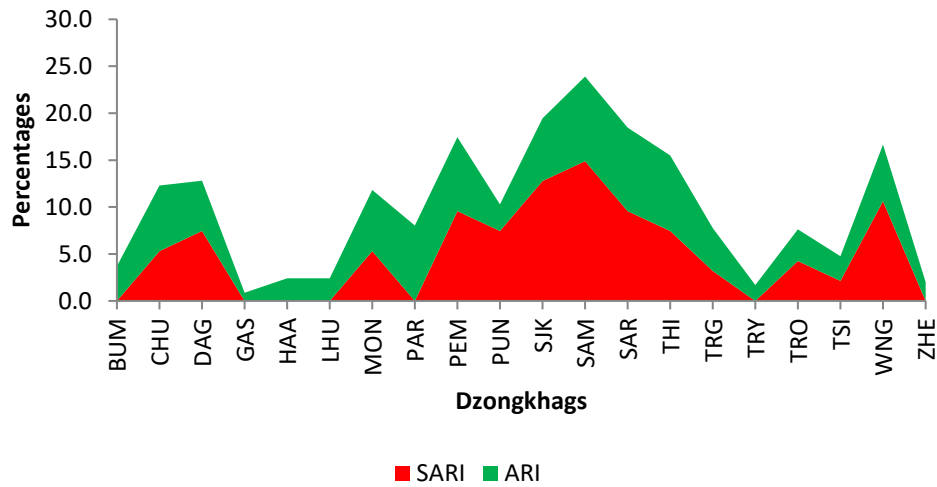
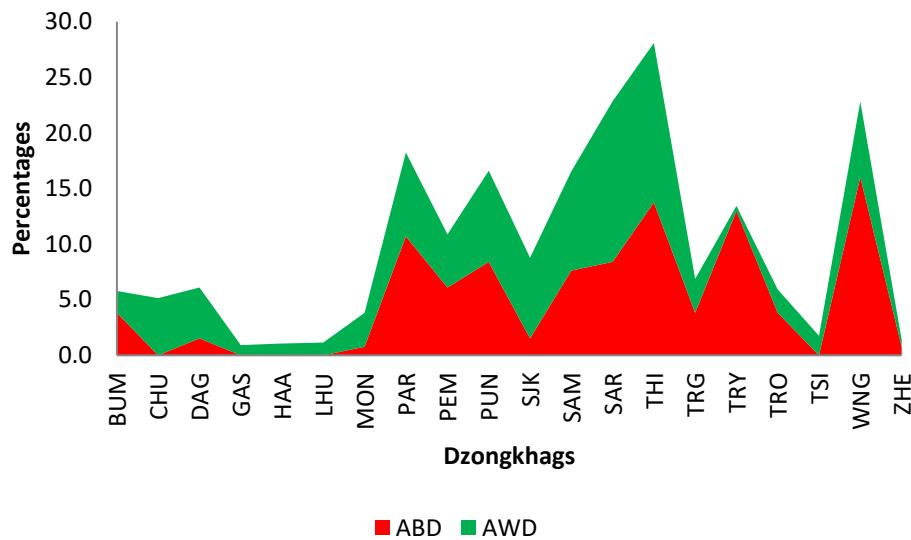


Figure 3: Proportion of ARI and SARI reported by Dzongkhags

ARI: Acute Respiratory Illness; **SARI:** Severe Acute Respiratory Illness

The higher incidence of AWD was reported by Sarpang dzongkhag, while the highest percentage of ABD was reported by Thimphu dzongkhag (**Figure 4**).



ABD: Acute Bloody Diarrhea; **AWD:** Acute Watery Diarrhea

Figure 4: Proportion of ABD and AWD reported by Dzongkhags

4. Status of Notifiable Diseases/Syndromes for the month

Of the total weekly report received in the system, 72.0% were reported in time, 15.0% were lately reported, and the rest were not reported (**Figure 5**).

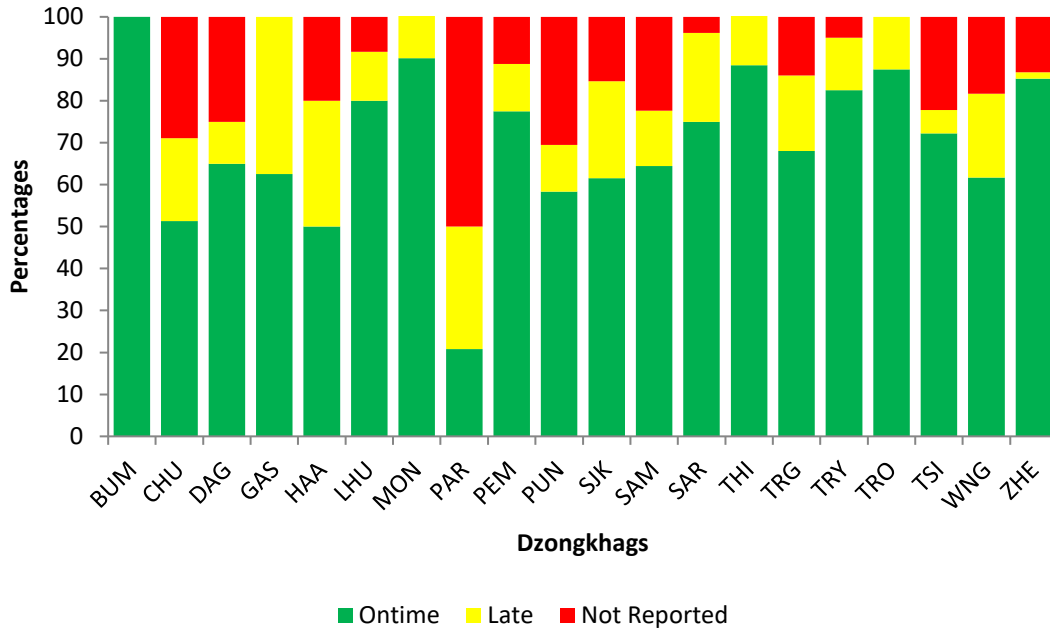


Figure 5: Reporting status of Notifiable Diseases by Dzongkhags