

MONTHLY DISEASES EPIDEMIOLOGY REPORT

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August (Epidemiological Weeks 31-34), 2021

1. Highlights on COVID-19 surveillance and NEWARS reporting

I. Highlights on COVID-19:

- a) Total of 83 SARS-COV-2 cases were detected in August 2021
- b) Number of cases linked to outbreak were reported from Phuntsholing (57) Samtse (12) and rest were imported cases.
- c) A majority of cases were detected through contact tracing [65 (78.0%), community transmission [4 (5.0%) and imported cases [10 (12.0%) bringing the cumulative number of cases to 2596

II. Highlights on NEWARS:

- a) Samples of Twenty-one suspected measles cases were tested for measles and rubella, of those one was positive for rubella IgM: none were positive measles IgM.
- b) Two outbreaks of Influenza like Illness [Lhamoizingkha (1) and Bulle (1)] lab results for SARS-COV-2 was negative in both the outbreak. An outbreak of Chicken pox was reported from Drugyel Paro.

2. Situation of COVID-19:

The sporadic occurrences of SARS-COV-2 cases linked to an outbreak was observed throughout the month particularly at Phuntsholing and Samtse. The trend had been declined steadily compared to June and July 2021 (**Figure 1-4**).

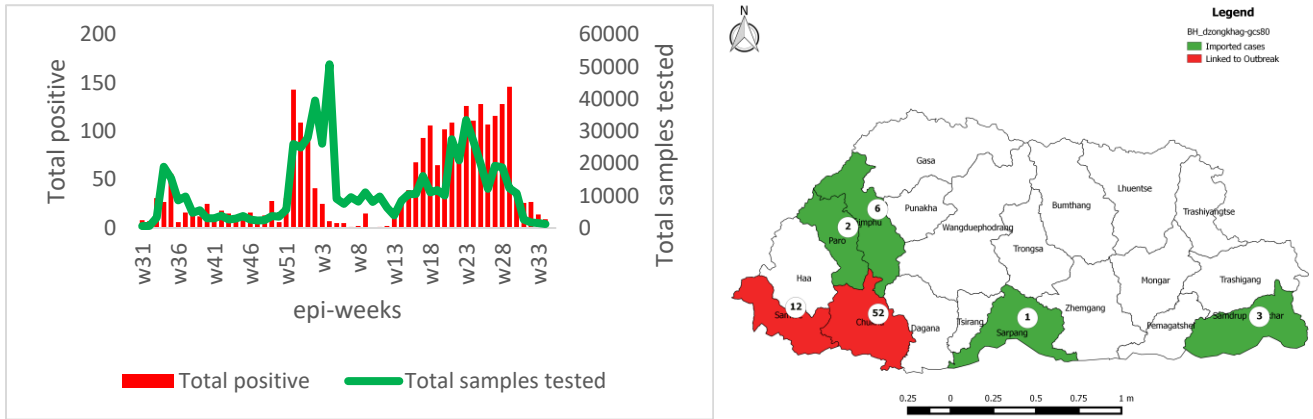


Figure 1: Outbreak and type of cases by dzongkhag. **Figure 2:** Lab testing of SARS-CoV-2 by week

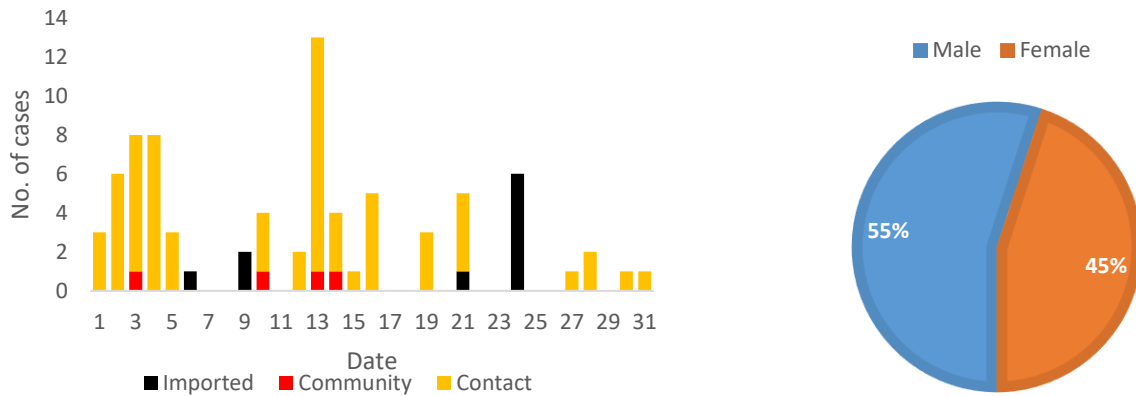


Figure 3: Positive SARS-CoV-2 cases by types. **Figure 4:** Positive SARS-CoV-2 cases by gender

3. Status of Notifiable Diseases/Syndromes reported:

Total of 23,940 cases of notifiable diseases were reported in weekly indicator-based surveillance system, among the 11 weekly notifiable diseases ARI (85.0%) followed by AWD (14.0%) topped the list (**Figure 5**).

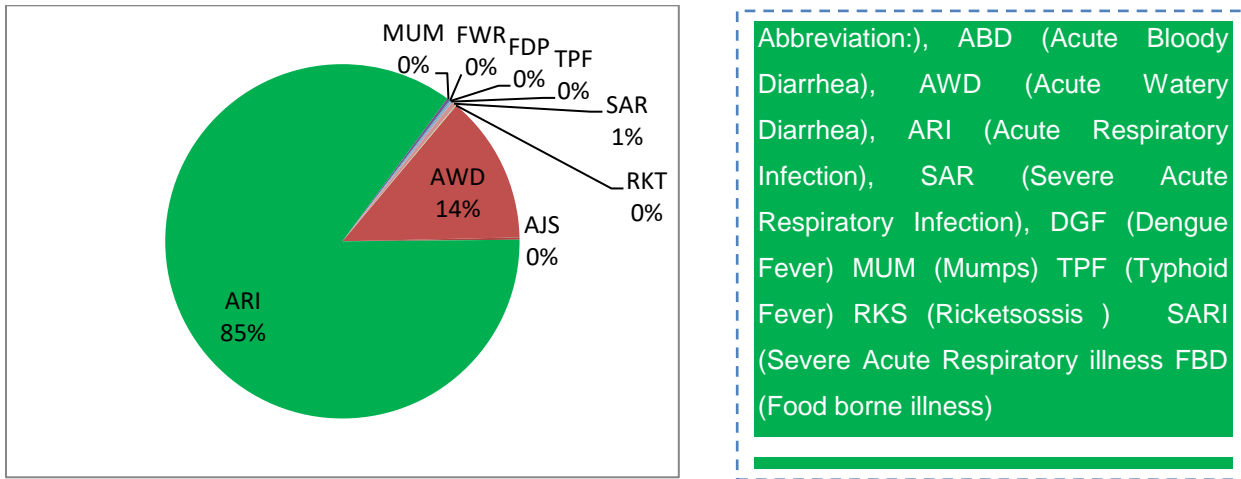
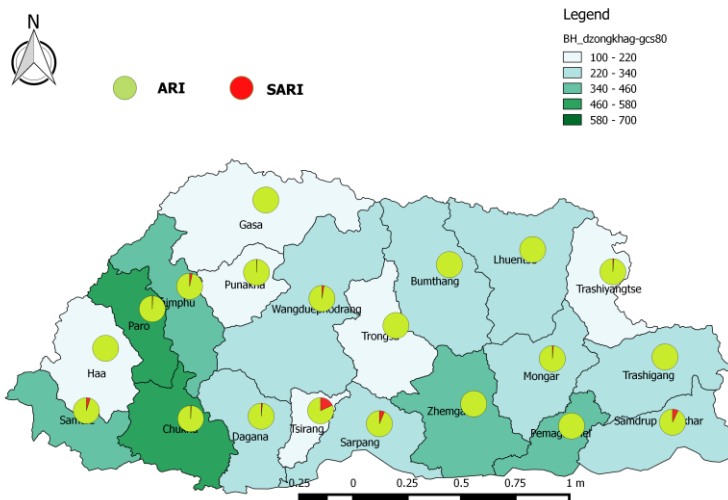


Figure 5: Proportion of notifiable diseases reported in NEWARS

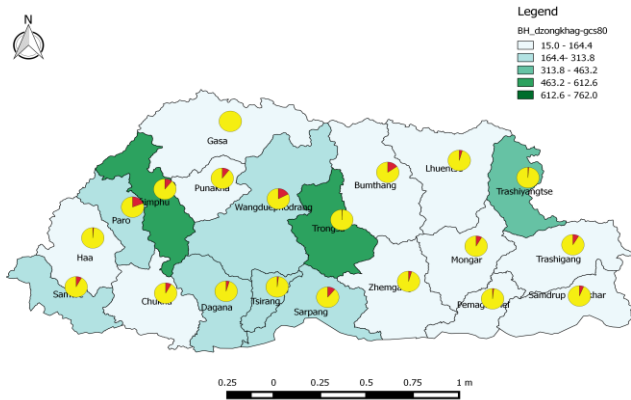
Among dzongkhags, Paro and Chukha had reported highest percentage of ARI while Tsirang reported the highest percentage of SARI cases (**Figure 6**):



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

Figure 6: Proportion of ARI and SARI reported by 20 Dzongkhags

Trongsa and Thimphu dzongkhag reported the highest percentage of AWD, while highest percentage of ABD was reported from Trashiyangtse (**Figure 7**).



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

Figure 7: Proportion of ABD and AWD reported by 20 Dzongkhags

4. Status of Notifiable Diseases/Syndromes for the month

Of the total weekly report received in the system, 58.0% were reported in time, 20.0% were lately reported, and rest were not reported (**Figure 8**).

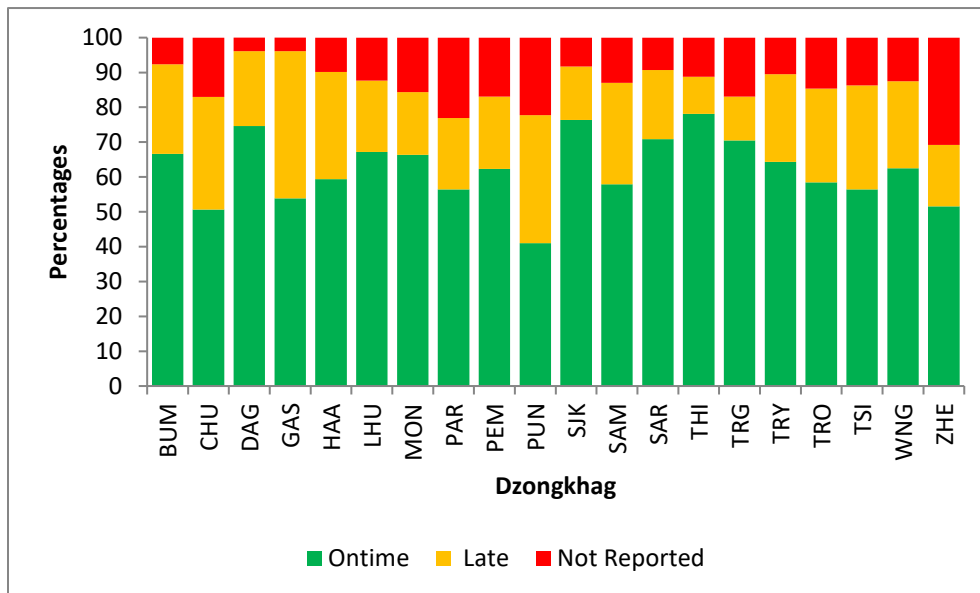


Figure 8: Reporting status by Dzongkhags