

Weekly Report of COVID-19 Integrated ILI and SARI Surveillance

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Weekly COVID-19 Integrated Flu Surveillance Report for week 17 (Apr 22–28, 2024)

- A total of 83 ILI and SARI specimens including ARI outbreak samples were received and detected 39.8% (31) influenza positive and zero COVID-19 by Multiplex PCR (SC2). The Influenza positivity increased by 23.1% and COVID-19 activity remained the same compared to the previous week respectively (Figure 1).
- The affected age group for Influenza was 5–14 years (42.4%) and 2–4 years (21.2%) respectively (Figure 2). No ARI outbreak was reported during the week (Table 1).
- Except for 1 ILI sentinel sites, all sentinel sites have reported for the week (Figure 5, Table 3).

Table 1: Acute respiratory infection (ARI) outbreak in week 17

Sl. No.	District	Date	ARI Outbreak	Location	ARI Cases	Status

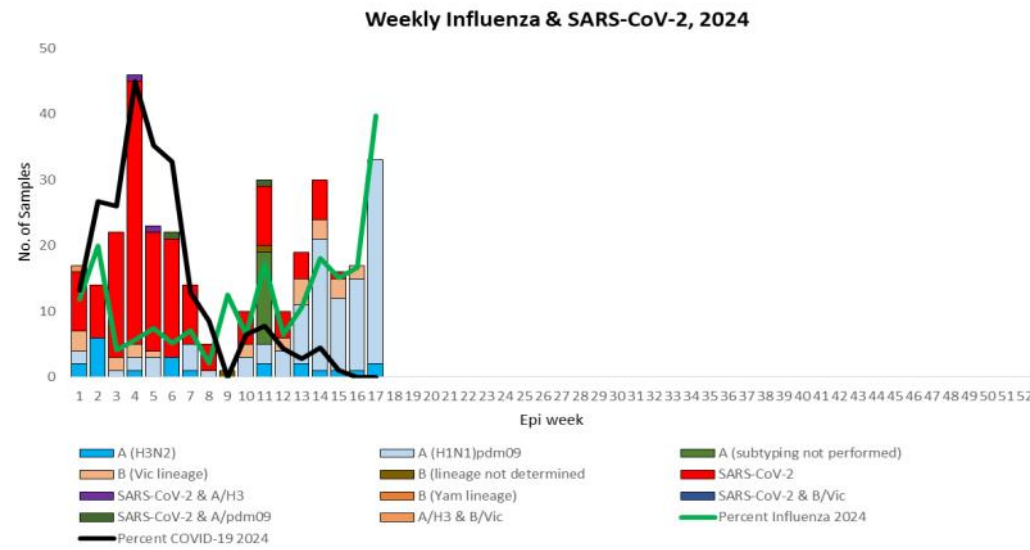


Figure 1: Weekly Influenza subtypes and SARS-CoV-2 through ILI and SARI Sentinel Surveillance

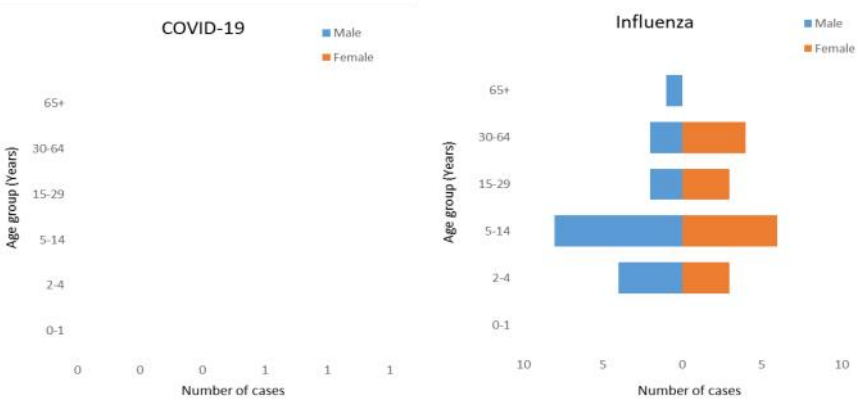


Figure 2: Influenza & SARS-CoV-2 positives by age group and gender

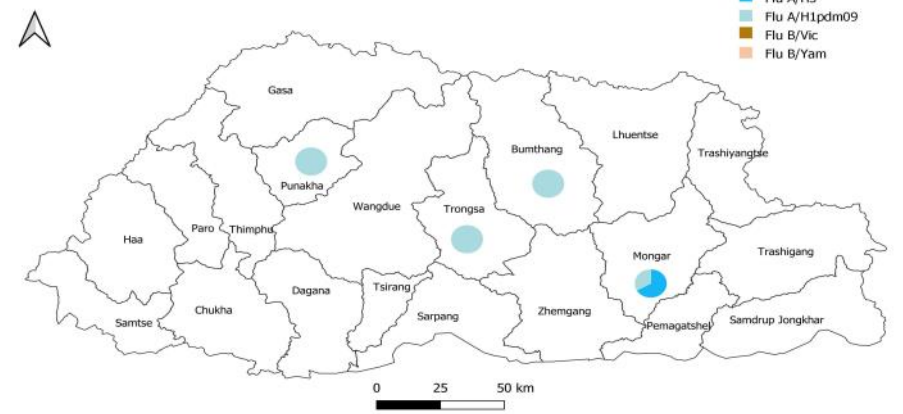


Figure 3: Influenza subtype & SARS-CoV-2 positive percent by District

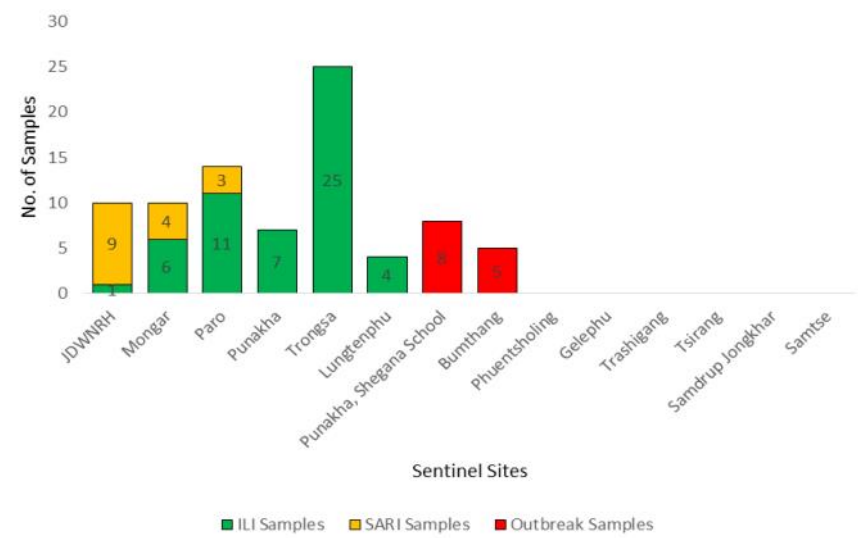


Figure 4: ILI and SARI Specimens status for Testing week 17, 2024

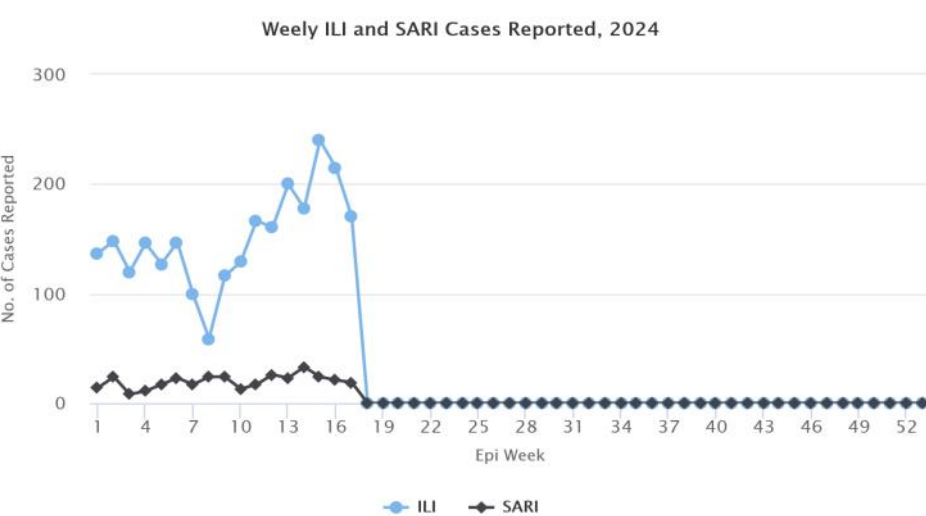


Figure 5: Weekly trend of ILI and SARI cases reported by Sentinel Hospitals

Table 2: Influenza subtypes and SARS-CoV-2 in Testing week 17, 2024

Sentinel sites/ Hospitals	ILI			SARI		Outbreak			Grand Total	
	A/H3	A/pdm09	Neg Samples	Neg Samples	SARI Samples	A/pdm09	Neg Samples	Outbreak Samples		
JDWNRH			1	1	9				10	
Mongar	2	1	3	6	4				10	
Paro			11	11	3				14	
Punakha		3	4	7					7	
Trongsang		15	10	25					25	
Lungtenphu			4	4					4	
Punakha, Shegana School						7	1	8	8	
Bumthang						5		5	5	
Phuentsholing										
Gelephu										
Trashigang										
Tsirang										
Samdrup Jongkhar										
Samtse										
Grand Total	2	19	33	54	16	16	12	1	13	83

Table 3: ILI and SARI cases reporting status for week 17, 2024

Year	Week	Site	Department	SARI	IPD	Year	Week	Site	ILI	OPD
2024	17	Gelephu CRRH	Pediatric Ward	Not Reported		2024	17	Paro Hospital	25	2684
2024	17	Gelephu CRRH	ICU	0	3	2024	17	Punakha Hospital	Not Reported	
2024	17	Gelephu CRRH	Medical Ward	1	11	2024	17	Samdrup Jongkhar Hospital	34	698
2024	17	JDWNRH	Pediatric Ward	Not Reported		2024	17	Samtse Hospital	25	1559
2024	17	JDWNRH	Medical Extension Ward	Not Reported		2024	17	Trashigang Hospital	21	816
2024	17	JDWNRH	Pediatric ICU	Not Reported		2024	17	Trongsang Hospital	52	605
2024	17	JDWNRH	Cabin	Not Reported		2024	17	Tsirang Hospital	13	1145
2024	17	JDWNRH	Medical Ward	Not Reported				Total	170	7507
2024	17	JDWNRH	ICU	0	10					
2024	17	JDWNRH	Emergency	Not Reported						
2024	17	Monggar ERRH	ICU	2	3					
2024	17	Monggar ERRH	Medical Ward	0	10					
2024	17	Monggar ERRH	Pediatric Ward	1	12					
2024	17	Paro Hospital	General Ward	1	29					
2024	17	Phuentsholing Hospital	Medical Ward	6	28					
2024	17	Punakha Hospital	General Ward	0	26					
2024	17	Samdrup Jongkhar Hospital	General Ward	0	11					
2024	17	Samtse Hospital	General Ward	0	12					
2024	17	Trashigang Hospital	General Ward	0	35					
2024	17	Trongsang Hospital	General Ward	0	6					
2024	17	Tsirang Hospital	General Ward	4	31					
		Total		15	227					