

Sentinel Acute Respiratory Infection Surveillance - Outpatients

The sentinel surveillance system for outpatients relies on selection of limited number of healthcare facilities: primary health centers, hospital ER, MSF clinics and UNRWA clinics, distributed across the 8 Lebanese provinces.

In each site, there is detection and enrollment of target cases once, and collecting epidemiological data and clinical specimen (nasopharyngeal) for each enrolled patient, and thus one day per week. Target cases are cases that fit the case definition of Influenza-Like Illness (ILI) or the COVID-19 Like Illness (CLI). Samples are referred to the National Influenza Center (NIC), and tested for both SARS-CoV2 and Influenza via the RT-PCR.

For year 2022 (up to week 41, 2783 samples were collected, and tested for Influenza and SARS-CoV2/COVID-19.

No Influenza positive cases in past 4 weeks.

As for COVID-19, 9 were positive in past 4 weeks, and thus in the context of inter-wave period.

Table 1: List of sentinel sites

Akkar	Kwaykhat (Akkar)
Akkar	Naher El Barid UNRWA clinic
BH	MSF Aarseil
BH	Al Kasser (Hermel)
Beirut	Makhzoumi (Beirut)
Beirut	Zarif PHC
Bekaa	Abrar Tobi dispensary (rashaya)
Bekaa	Taneyil (Bekaa)
Bekaa	Zahleh gov ER
Bekaa	Bekaa ER
Mount	Borj Barajneh camp (UNRWA clinic)
Mount	Dar El Hawraa (Baabda)
Mount	Karakoziyan (Metn)
Nabatieh	Hayaa Borj Kalaway (Bint Jbiel)
North	Meryata (Zgharta)
North	Al Aazem (Tripoli)
South	Saida gov ER
South	Amel Bazourieh (Tyr)
South	Ein El Hilweh (UNRWA clinic)
South	Hariri PHC Rjail Arbreen (Saida)

For Inpatients

Three hospitals are engaged in the Severe Acute Respiratory Infection sentinel surveillance. For the past 4 weeks, 46 samples were collected, and 3 were positive A(H3).

Fig 1: Weekly number of sentinel sites (outpatients)

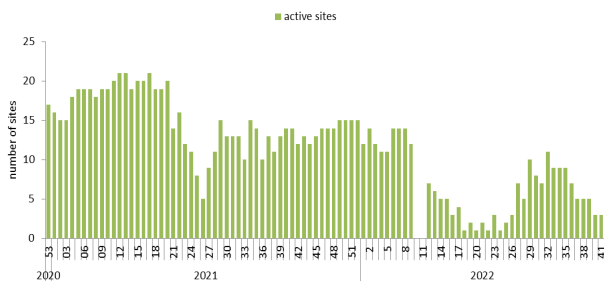


Fig 2: Sentinel SARS-CoV2 testing (outpatients)

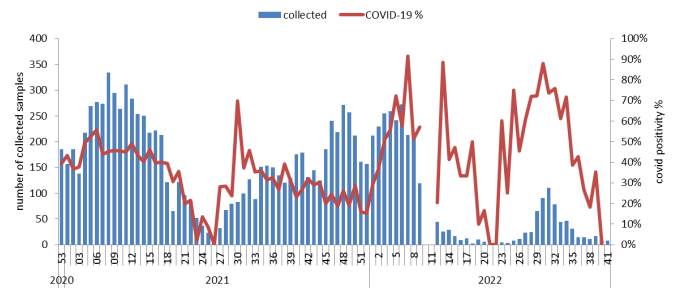


Fig 3: Sentinel Influenza testing by week (outpatients)

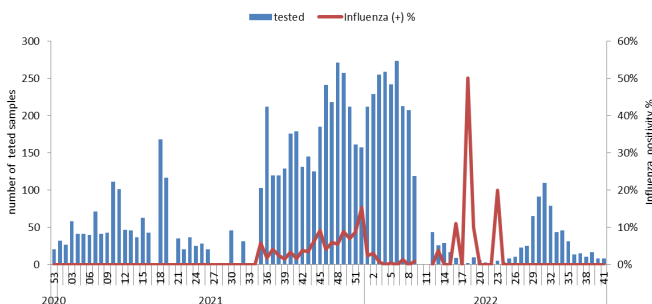


Fig 4: Sentinel Influenza types and subtypes by week (in & outpatients)

