

Early Warning and Reporting System (EWARS)

Weekly Bulletin

(12th Epidemiological Week)

29 March 2020



Government of Nepal
Ministry of Health and Population
Department of Health Services
Epidemiology and Disease Control Division
Kathmandu, Nepal
ewarsnepal@gmail.com

Note: This bulletin includes data since January 2020 till date, including comparison of the same period last year. Since May 2019, 36 new sentinel sites (including public hospitals, private hospitals, and medical colleges) were added and were gradually oriented and started reporting, thus increasing the number of reporting sites.

The Early Warning and Reporting System (EWARS)

Highlights

Five cases of Coronavirus disease (COVID-19) have been confirmed so far in Nepal.

Acute Gastro-Enteritis (AGE): 343 cases of AGE are reported this week. The majority of these cases are from Kathmandu (26 cases), Lalitpur (20 cases), Rupandehi (19 cases), and Kaski (14 cases).

Severe Acute Respiratory Infection (SARI): 359 cases of SARI are reported this week. The majority of these cases are from Rupandehi (26 cases), Rukum west (22 cases), Morang (20 cases), Lalitpur (18 cases), and Jhapa (17 cases).

Dengue: Three cases of dengue are reported this week (two from Kapilvastu and one from Lalitpur).

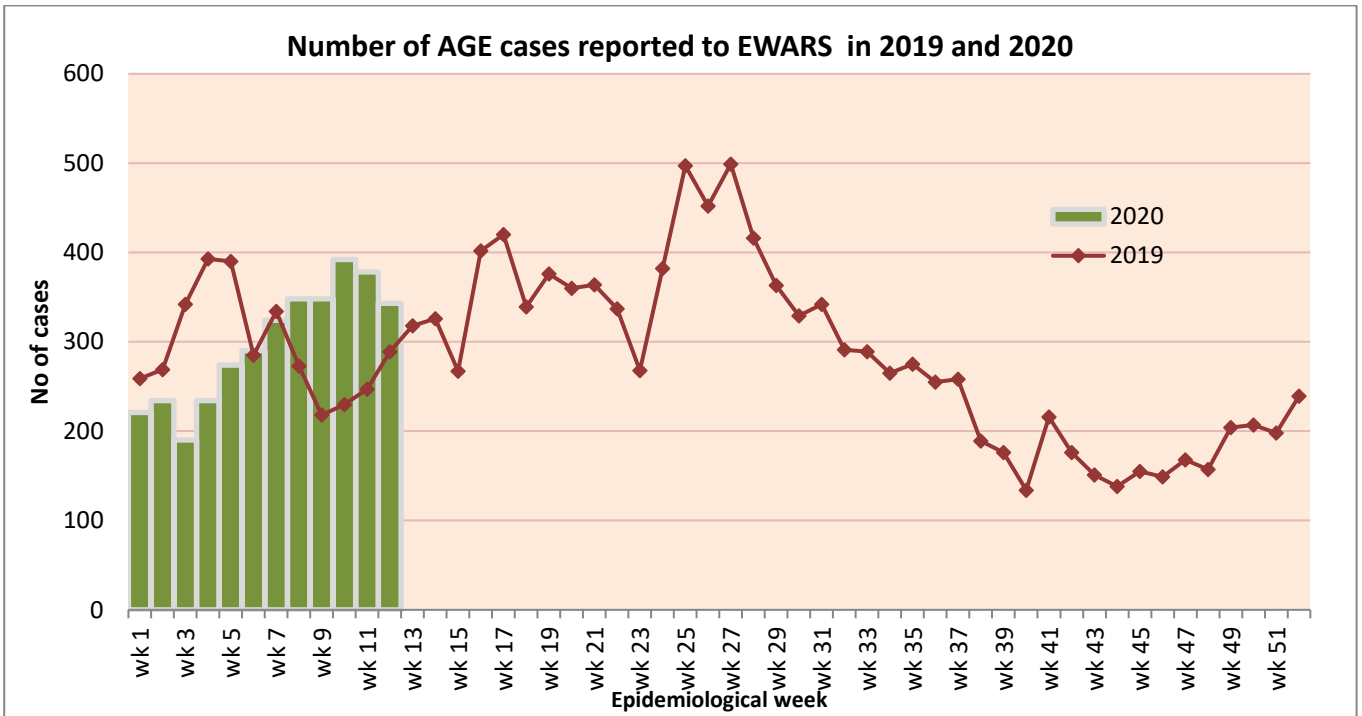
Kala-azar: Seven cases of kala-azar are reported this week (three from Kalikot and one each from Dhankuta, Palpa, Dadeldhura and Kailali).

The EWARS was established in 1997 to strengthen the flow of information on vector-borne and other outbreak prone infectious diseases from the district to Epidemiology and Disease Control Division (EDCD) and Vector-Borne Disease Research and Training Center (VBDRTC), Hetauda. Rapid Response Teams (RRTs) can be mobilized at short notice to facilitate prompt outbreak response at Central, Regional and District level. RRTs can also support local level health institutions for investigation and outbreak control activities.

This information system is hospital-based. So far, the EWARS mainly focuses on the **weekly reporting** of number of cases and deaths (including "zero" reports) of six priority diseases/syndromes—Malaria, Kala-azar, Dengue, Acute Gastroenteritis (AGE), Cholera and Severe Acute Respiratory Infection (SARI), and other epidemic potential diseases/syndromes (like enteric fever). It equally focuses on **immediate reporting** (to be reported within 24 hours of diagnosis) of one confirmed case of Cholera, Kala-azar, Malaria and one case of Dengue as well as 5 or more cases of AGE and SARI from the same geographical locality in one-week period.

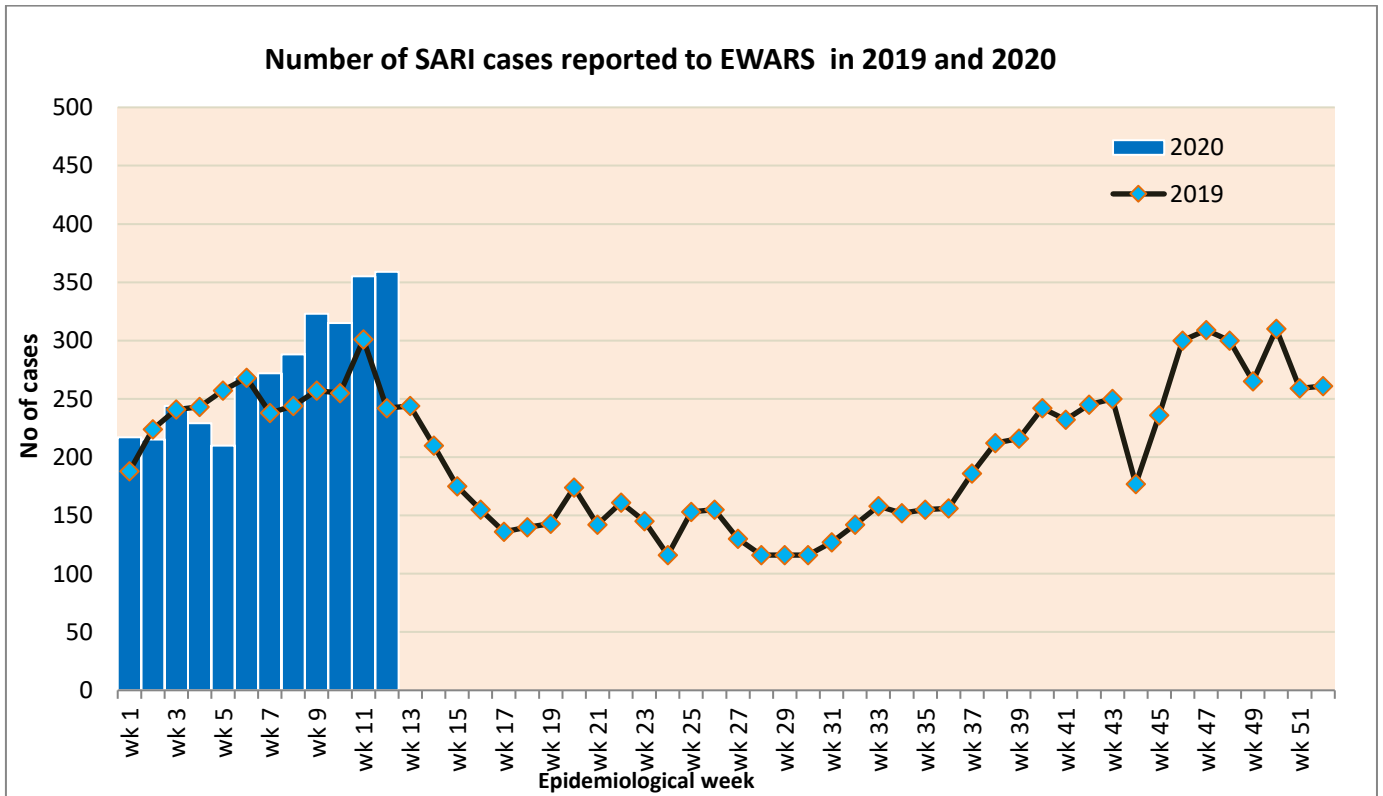
1. Acute Gastro-Enteritis (AGE) and Cholera

343 cases of AGE are reported this week. The majority of these cases are from Kathmandu (26 cases), Lalitpur (20 cases), Rupandehi (19 cases), and Kaski (14 cases). 289 cases of AGE were reported this week in 2019.



2. Severe Acute Respiratory Infection (SARI)

359 cases of SARI are reported this week. The majority of these cases are from Rupandehi (26 cases), Rukum west (22 cases), Morang (20 cases), Lalitpur (18 cases), and Jhapa (17 cases). 238 cases of SARI were reported this week in 2019.



3. Malaria

No case of malaria is reported this week. No case of Malaria was reported this week in 2019.

4. Dengue

Three cases of dengue are reported this week (two from Kapilvastu and one from Lalitpur). No case of Dengue was reported this week in 2019.

5. Kala-azar

Seven cases of kala-azar are reported this week (three from Kalikot and one each from Dhankuta, Palpa, Dadeldhura and Kailali). Three cases of Kala-azar were reported this week in 2019.

Other diseases

Scrub typhus

Six cases of scrub typhus are reported this week (two from Chitwan and one each from Sankhuwasabha, Kathmandu Nuwakot and Surkhet). Three cases of Scrub typhus were reported this week in 2019.

Reporting status

Report was received from 78 sentinel sites for this week out of 118 sites.

Acknowledgement: The Epidemiology and Disease Control Division highly acknowledges the contribution from all the sentinel sites, medical recorders, EWARS focal persons and rapid response team members.

Note: This bulletin is also available at EDCCD's website www.edcd.gov.np. Thank you.