

**Early Warning and Reporting System (EWARS)**

# **Weekly Bulletin**

**(13<sup>th</sup> Epidemiological Week)**

**5 April 2020**



**Government of Nepal**  
**Ministry of Health and Population**  
**Department of Health Services**  
**Epidemiology and Disease Control Division**  
**Kathmandu, Nepal**  
[ewarsnepal@gmail.com](mailto: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

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

**Acute Gastro-Enteritis (AGE):** 213 cases of AGE are reported this week. The majority of these cases are from Kathmandu (17 cases), Lalitpur (17 cases), Saptari (13 cases), Okhaldhunga (12 cases) and Kapilvastu (12 cases).

**Severe Acute Respiratory Infection (SARI):** 464 cases of SARI are reported this week. The majority of these cases are from Rupandehi (118 cases), Kathmandu (26 cases), Dailekh (24 cases), Morang (23 cases), Jhapa (18 cases) and Dang (18 cases).

**Dengue:** Three cases of dengue are reported this week (two from Rupandehi and one from Kathmandu).

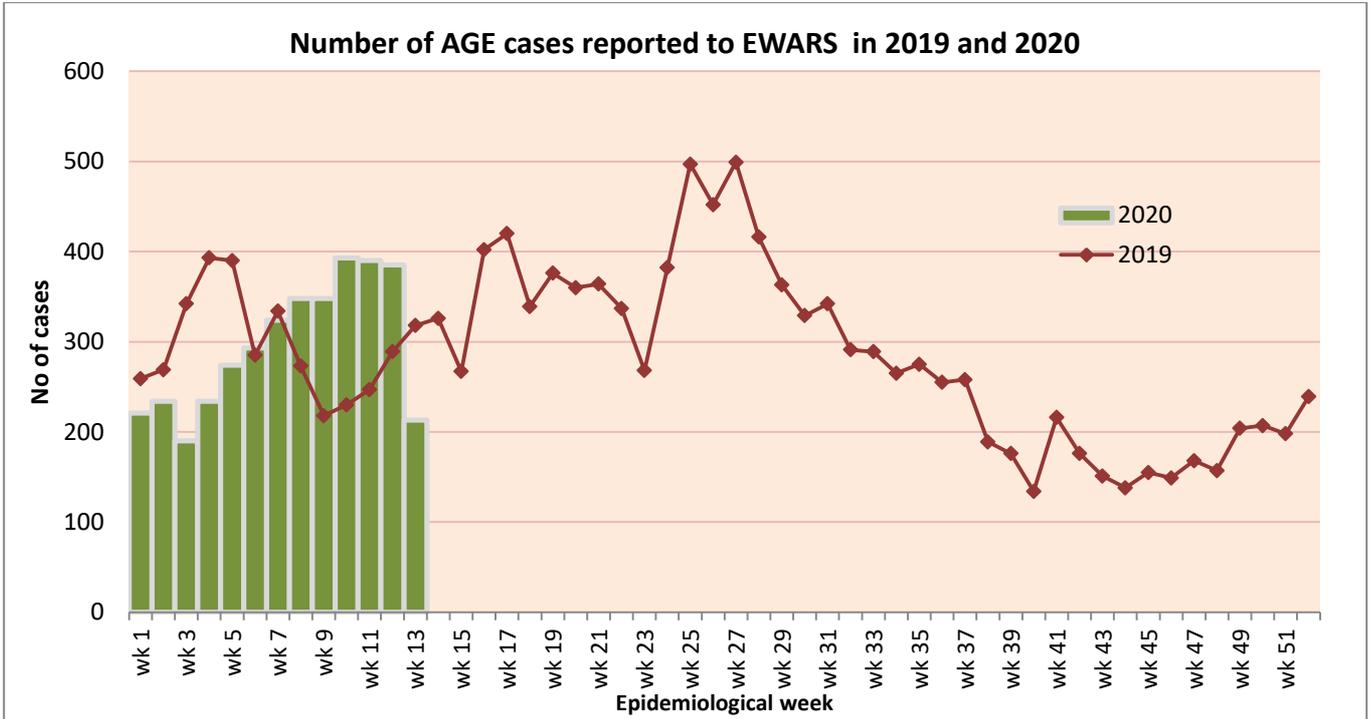
**Kala-azar:** Six cases of kala-azar are reported this week (three from Kalikot and one each from Mugu, Surkhet and Baura).

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, provincial and local levels. 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 or SARI from the same geographical locality in one-week period.

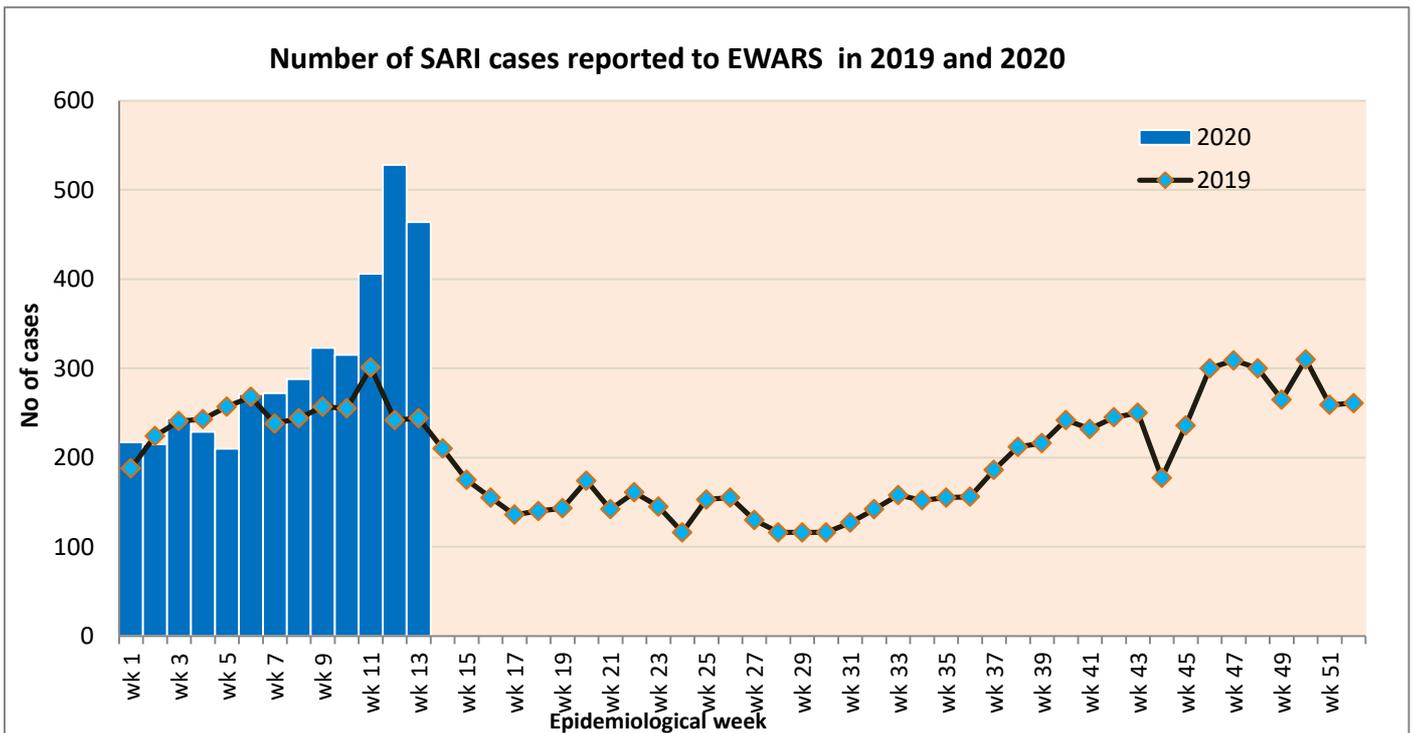
## 1. Acute Gastro-Enteritis (AGE) and Cholera

213 cases of AGE are reported this week. The majority of these cases are from Kathmandu (17 cases), Lalitpur (17 cases), Saptari (13 cases), Okhaldhunga (12 cases) and Kapilvastu (12 cases). 318 cases of AGE were reported this week in 2019.



## 2. Severe Acute Respiratory Infection (SARI)

464 cases of SARI are reported this week. The majority of these cases are from Rupandehi (118 cases), Kathmandu (26 cases), Dailekh (24 cases), Morang (23 cases), Jhapa (18 cases) and Dang (18 cases). 244 cases of SARI were reported this week in 2019.



### 3. Malaria

Two cases of malaria are reported this week from Kalikot. One case of Malaria was reported this week in 2019.

### 4. Dengue

Three cases of dengue are reported this week (two from Rupandehi and one from Kathmandu). One case of Dengue was reported this week in 2019.

### 5. Kala-azar

Six cases of kala-azar are reported this week (three from Kalikot and one each from Mugu, Surkhet and Baura). Four cases of Kala-azar were reported this week in 2019.

## Other diseases

### Scrub typhus

Four cases of scrub typhus are reported this week (two from Salyan, one from Arghakhanchi and one from other-outside of Nepal). Eight cases of Scrub typhus were reported this week in 2019.

## Reporting status

Report was received from 77 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 EDCD's website [www.edcd.gov.np](http://www.edcd.gov.np). Thank you.