

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

# **Weekly Bulletin**

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

**12 April 2020**



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*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 current number of sentinel sites is 118.*

## The Early Warning and Reporting System (EWARS)

### Highlights

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

**Acute Gastro-Enteritis (AGE):** 137 cases of AGE are reported this week. The majority of these cases are from Kathmandu (16 cases), Dhanusha (10 cases), Okhaldhunga (9 cases), Dolakha (9 cases) and Saptari (8 cases).

**Severe Acute Respiratory Infection (SARI):** 230 cases of SARI are reported this week. The majority of these cases are from Rupandehi (25 cases), Rolpa (22 cases), Kailali (14 cases), Kathmandu (12 cases) and Lalitpur (11 cases).

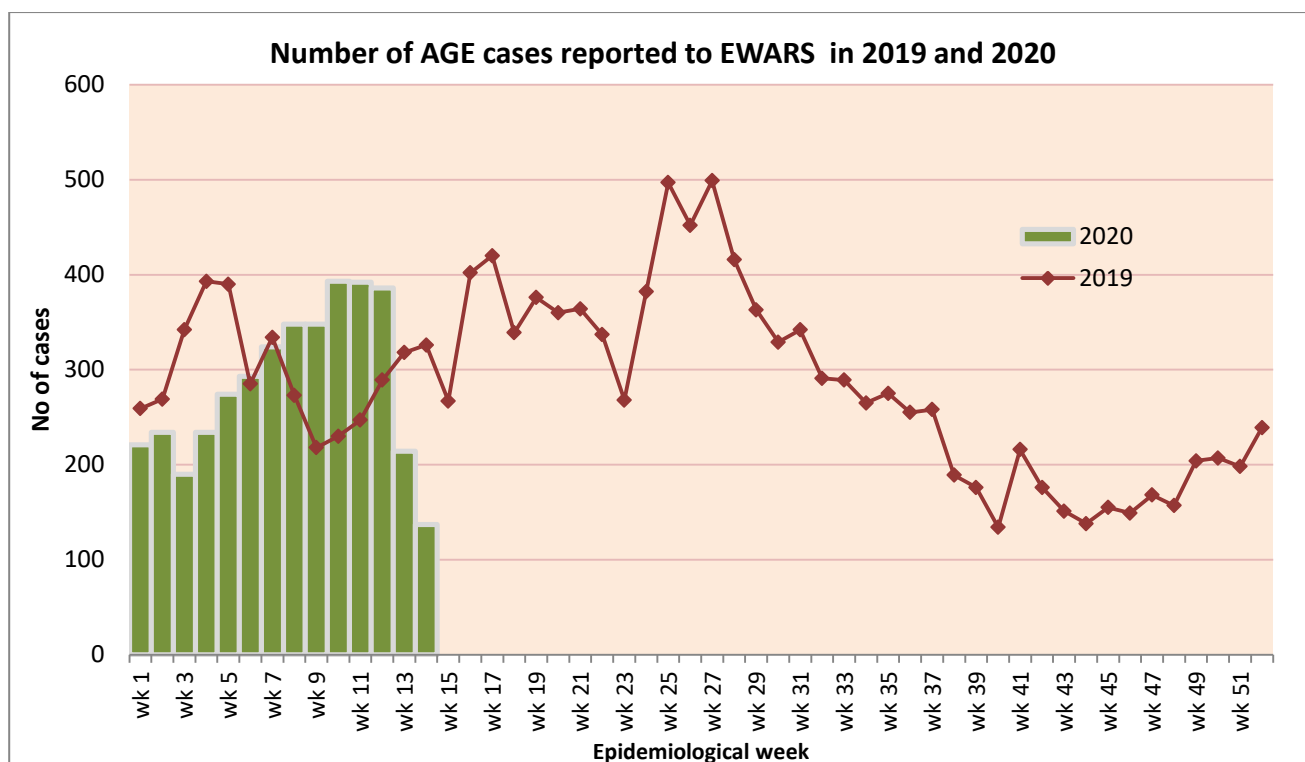
**Dengue:** One case of dengue is reported this week from Rupandehi.

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.

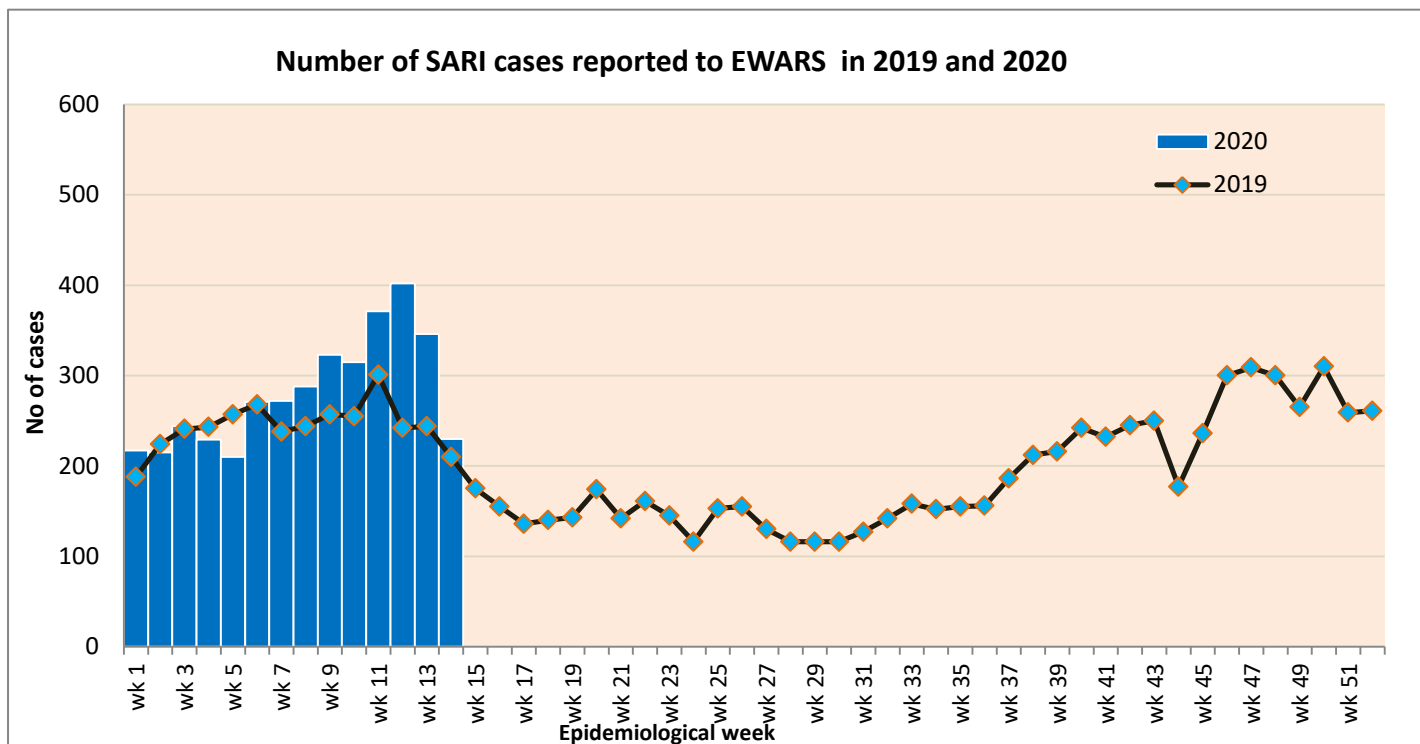
## 1. Acute Gastro-Enteritis (AGE) and Cholera

137 cases of AGE are reported this week. The majority of these cases are from Kathmandu (16 cases), Dhanusha (10 cases), Okhaldhunga (9 cases), Dolakha (9 cases) and Saptari (8 cases). 326 cases of AGE were reported this week in 2019.



## 2. Severe Acute Respiratory Infection (SARI)

229 cases of SARI are reported this week. The majority of these cases are from Rupandehi (25 cases), Rolpa (22 cases), Kailali (14 cases), Kathmandu (12 cases) and Lalitpur (11 cases). 209 cases of SARI were reported this week in 2019.



**Note:**

- In the previous bulletin, more number of SARI cases were seen in the graph for weeks 12 and 13 than those in the above figure because some ILI cases were mistakenly reported as SARI cases. Hence we request for referring to this current bulletin.
- The number of reporting sites per week in 2020: 79 (for week 10 and 11), 81 (for week 12), 77 (for week 13) and 73 (for week 14).
- The number of reporting sites per week in 2019: 51 (for weeks 10-12), 52 (for week 13) and 55 (for week 14).

### 3. Malaria

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

### 4. Dengue

One case of dengue is reported this week from Rupandehi. One case of Dengue was reported this week in 2019.

### 5. Kala-azar

No case of kala-azar is reported this week. Six cases of Kala-azar were reported this week in 2019.

### Other diseases

#### Scrub typhus

One case of scrub typhus is reported this week from Dhading. Three cases of Scrub typhus were reported this week in 2019.

#### Reporting status

Report was received from 73 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.