

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

# **Weekly Bulletin**

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

**17 May 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

**292 cases of Coronavirus disease (COVID-19) have been confirmed so far in Nepal. Of these, 36 cases have recovered. Currently, 254 cases are in Isolation at different Hospitals. 2 deaths from COVID has been reported so far.**

**Acute Gastro-Enteritis (AGE):** 116 cases of AGE are reported this week. The majority of these cases are from Kapilvastu (9 cases), Dolakha (8 cases), Dhanusha (7 cases), Kailali (7 cases) and Gulmi (6 cases).

**Severe Acute Respiratory Infection (SARI):** 113 cases of SARI are reported this week. The majority of these cases are from Kathmandu (15 cases), Jhapa (9 cases), Banke (8 cases), Rupandehi (7 cases) and Surkhet (6 cases).

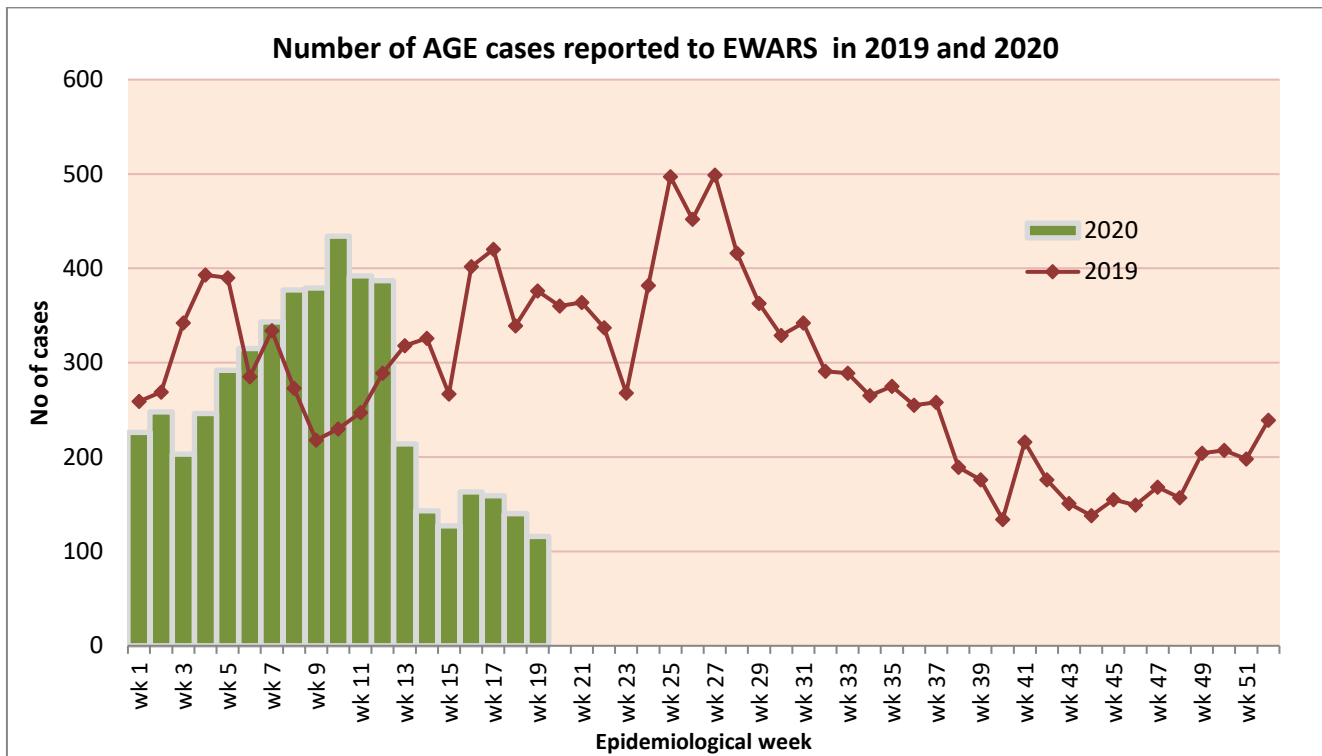
**Dengue:** Nine cases of dengue are reported this week (five from Myagdi, three from Kaski and one from Kathmandu).

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.

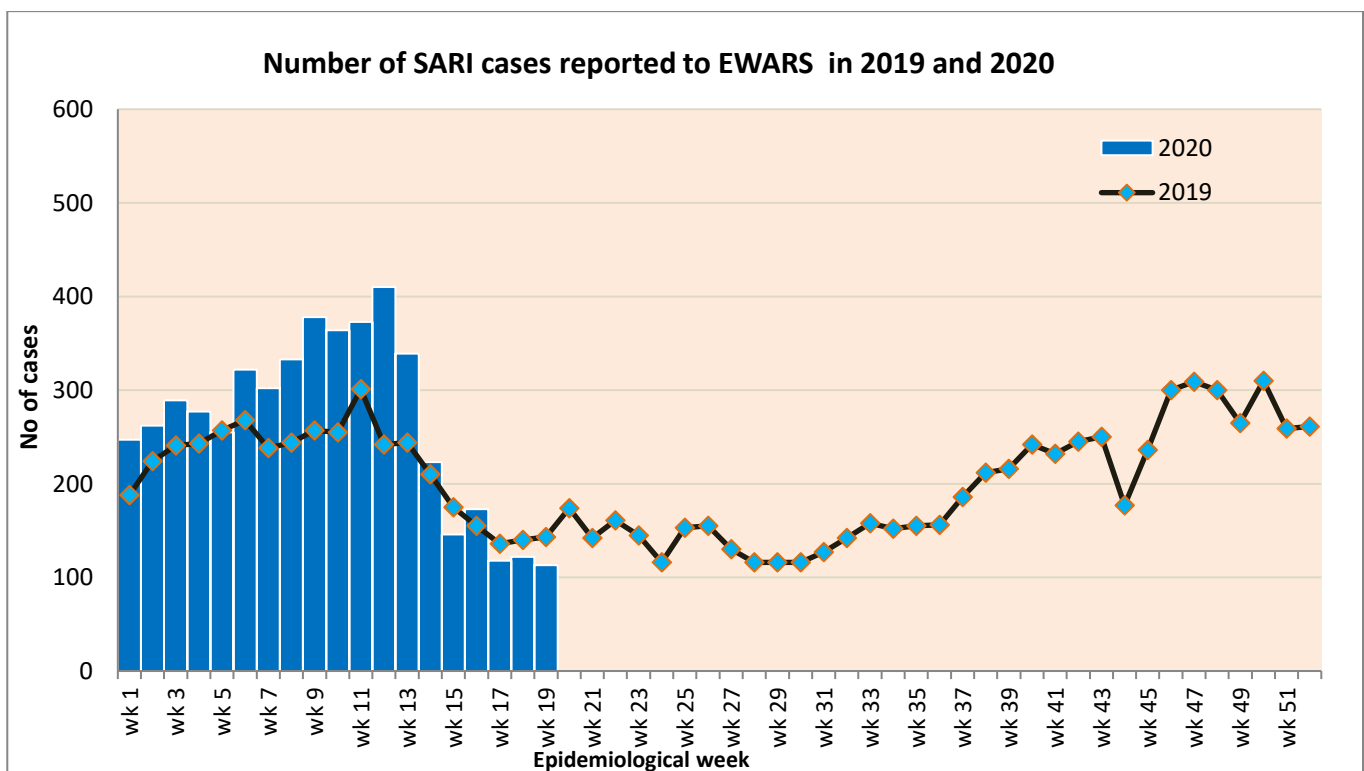
## 1. Acute Gastro-Enteritis (AGE) and Cholera

116 cases of AGE are reported this week. The majority of these cases are from Kapilvastu (9 cases), Dolakha (8 cases), Dhanusha (7 cases), Kailali (7 cases) and Gulmi (6 cases). 376 cases of AGE were reported this week in 2019.



## 2. Severe Acute Respiratory Infection (SARI)

113 cases of SARI are reported this week. The majority of these cases are from Kathmandu (15 cases), Jhapa (9 cases), Banke (8 cases), Rupandehi (7 cases) and Surkhet (6 cases). 142 cases of SARI were reported this week in 2019.



**Note:**

- *The number of reporting sites per week in 2020: 80 (for weeks 10 and 11), 84 (for week 12), 77 (for week 13), 73 (for week 14), 74 (for weeks 15-16), 76 (for weeks 17-18) and 80 (for week 19).*
- *The number of reporting sites per week in 2019: 51 (for weeks 10-12), 52 (for week 13) and 55 (for weeks 14-19).*

### 3. Malaria

No case of malaria is reported this week. Five cases of malaria were reported this week in 2019.

### 4. Dengue

Nine cases of dengue are reported this week (five from Myagdi, three from Kaski and one from Kathmandu). Three cases of dengue were reported this week in 2019.

### 5. Kala-azar

Four cases of kala-azar are reported this week (one each from Khotang, Dhanusha, Makwanpur and Kalikot). Four cases of kala-azar were reported this week in 2019.

### Other diseases

#### Scrub typhus

Two cases of scrub typhus are reported this week- one each from Dhading and Dang. Five cases of Scrub typhus were reported this week in 2019.

### Provincewise reporting status

Province	Percentage of sites that reported this week
Province 1	72
Province 2	45
Bagmati	64
Gandaki	77
Province 5	67
Karnali	82
Sudurpaschim	73

**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](http://www.edcd.gov.np). Thank you.