

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

# **Weekly Bulletin**

**(41<sup>st</sup> Epidemiological Week)**

**20 October 2019**



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*Note: This bulletin includes data since January 2019 till date, including comparison of same period during last year. It also includes data from the existing sentinel sites as well as from some of the recently expanded 36 new sentinel sites (including public hospitals, private hospitals and medical colleges).*

## The Early Warning and Reporting System (EWARS)

### Highlights

**Dengue:** 542 cases of Dengue are reported this week. The majority of the cases are from Rupandehi (223 cases), Kathmandu (72 cases), Lalitpur (41 cases), Kaski (33 cases), Kapilvastu (21 cases) and Tanahun (15 cases).

**Malaria:** One case of Malaria is reported this week from Sindhuli.

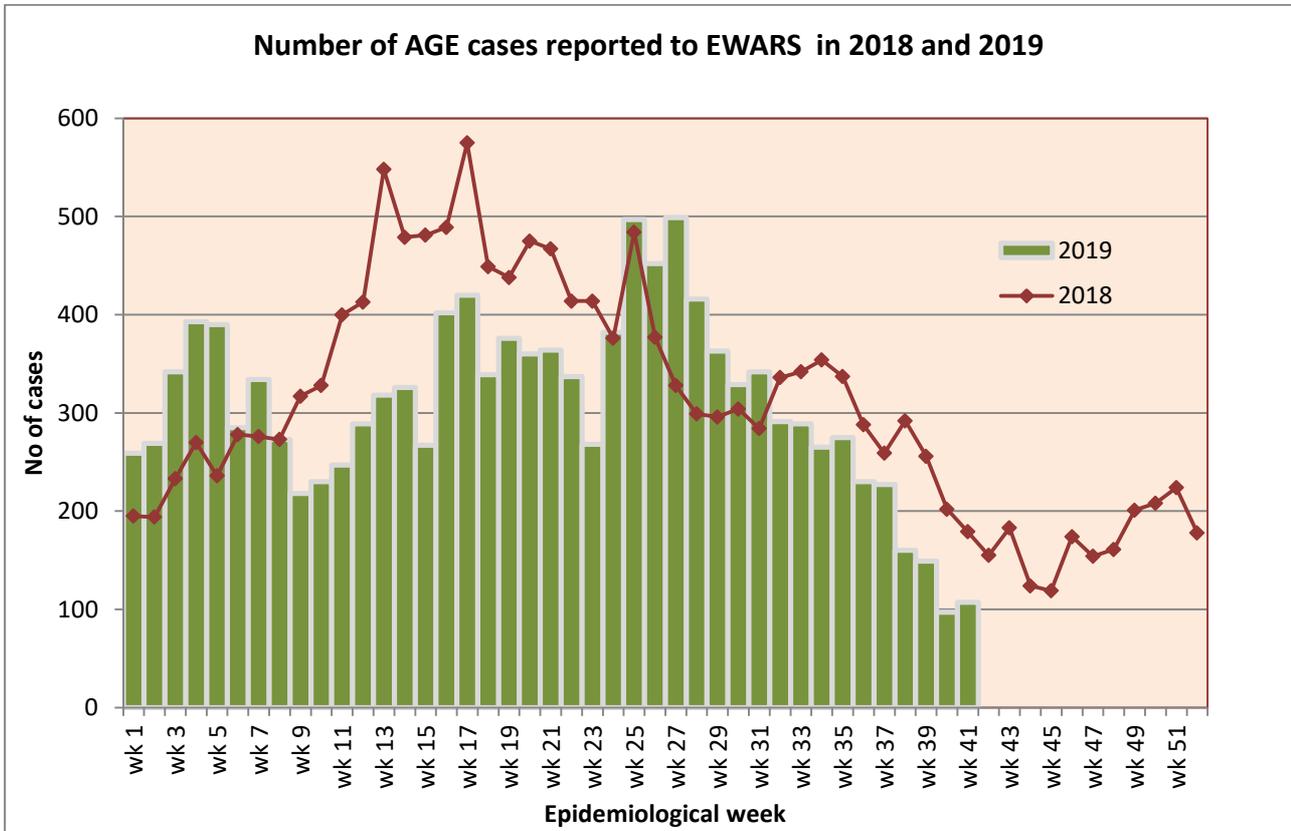
**Scrub typhus:** 30 cases of Scrub typhus are reported this week. The majority of the cases are from Kathmandu (3 cases) and two each from Sankhuwasabha, Sindhuli, Kavre, Dang and Rupandehi.

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, 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 severe and complicated Malaria and one suspect/clinical case of Dengue as well as 5 or more cases of AGE and SARI from the same geographical locality in one-week period.

### 1.1 Acute Gastro-Enteritis (AGE) and Cholera

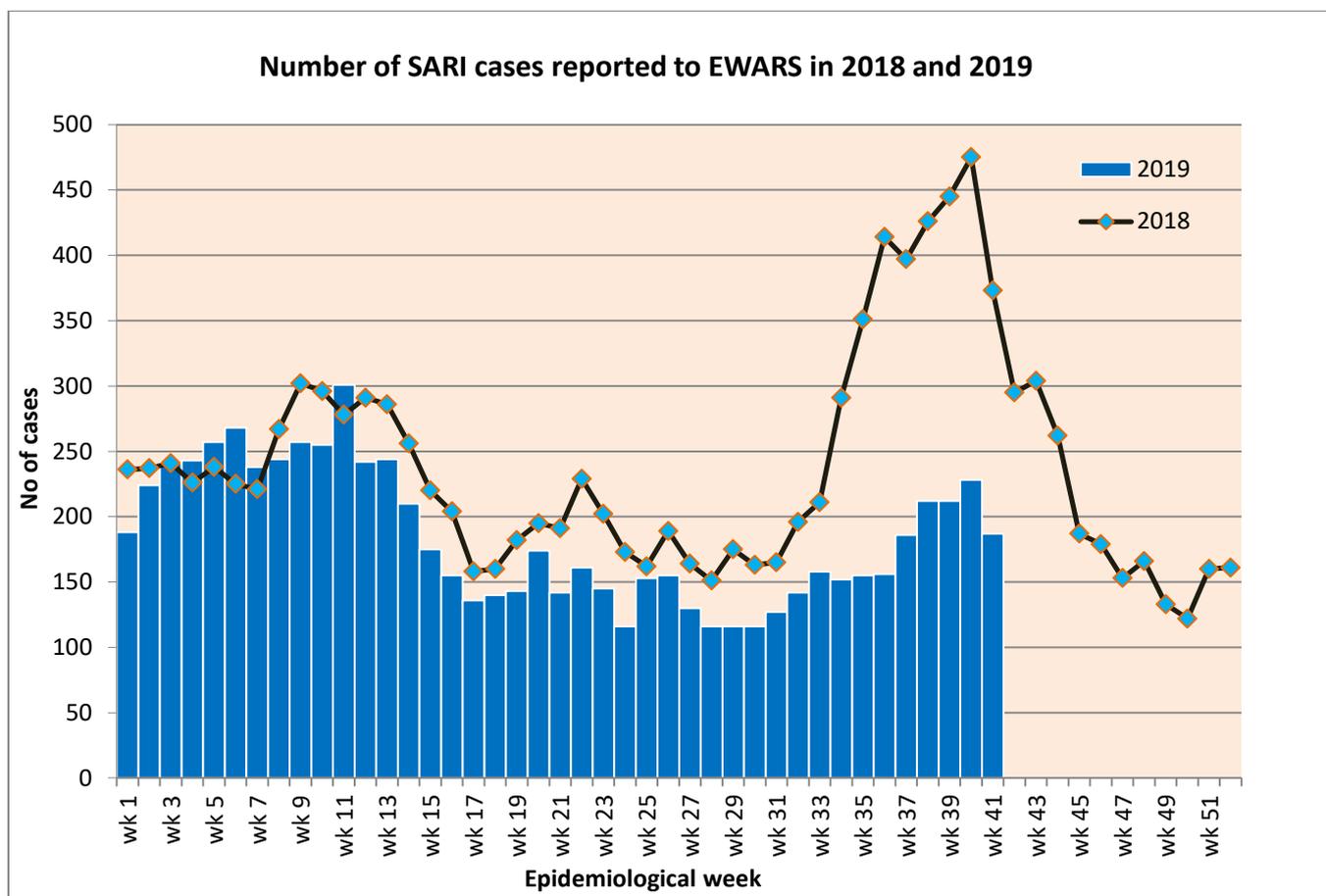
107 cases of AGE are reported in the 41<sup>st</sup> epidemiological week this year. The majority of these cases are from Sunsari (11 cases), Bardiya (11 cases) and Lalitpur (9 cases). 185 cases of AGE were reported this week in 2018.



**Cholera:** One case of Cholera has been reported so far this year by Teku hospital, Kathmandu and the case was from Tahachal, Kathmandu.

### 1.2 Severe Acute Respiratory Infection (SARI)

187 cases of SARI are reported in the 41<sup>st</sup> epidemiological week this year. The majority of these cases are from Lalitpur (25 cases), Jhapa (19 cases), (Kathmandu (18 cases) and Morang (15 cases). 373 cases of SARI were reported this week in 2018.



### 1.3 Malaria

One case of Malaria is reported this week from Sindhuli. Three cases of Malaria were reported this week in 2018.

### 1.4 Dengue

542 cases of Dengue are reported this week. The majority of the cases are from Rupandehi (223 cases), Kathmandu (72 cases), Lalitpur (41 cases), Kaski (33 cases), Kapilvastu (21 cases) and Tanahun (15 cases). Eight cases of Dengue were reported this week in 2018.

### 1.5 Kala-azar

Three cases of Kala-azar are reported this week- one each from Siraha, Gulmi and Palpa. Three cases of Kala-azar were reported this week in 2018.

### Other diseases

#### Scrub typhus

30 cases of Scrub typhus are reported this week. The majority of the cases are from Kathmandu (3 cases) and two each from Sankhuwasabha, Sindhuli, Kavre, Dang and Rupandehi. 42 cases of Scrub typhus were reported this week in 2018.

**Acknowledgement:** The Epidemiology and Disease Control Division highly acknowledges the contribution from all the medical recorders, EWARS focal persons, rapid response team members and technical support from WHO for preparation of this bulletin.

**Note:** This bulletin is also available at EDCCD's website [www.edcd.gov.np](http://www.edcd.gov.np). Thank you.