

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

# **Weekly Bulletin**

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

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*Note: This bulletin includes data since January 2019 till date, including comparison of same period during last year. The current bulletin includes the 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

**AGE:** 343 cases of AGE are reported this week. The majority of these cases are from Kanchanpur (31 cases), Kathmandu (26 cases), Bhaktapur (20 cases), Surkhet (19 cases) and Achham (19 cases).

**SARI:** 108 cases of SARI are reported this week. The majority of these cases are from Lalitpur (15 cases), Morang (9 cases), Dolkaha (6 cases), Jhapa (6 cases), Gulmi (5 cases), Palpa (4 cases) and Rukum West (4 cases).

**Malaria:** Six cases of Malaria are reported this week, of which 2 cases are reported from Kanchanpur, and one each from Kailali, Doti, Achham and Morang. Four cases of Malaria were reported this week in 2018.

**Dengue:** 61 cases of Dengue are reported this week, of which the majorities are reported by BPKIHS, Dharan. The reported Dengue cases are from Sunsari (34 cases), Morang (7 cases), Jhapa (5 cases), Kathmandu (2 cases), Bhojpur (2 cases), Saptari (2 cases) and one each from Ilam, Dhanusha, Mahottari, Panchthar, Udaypur, Sindhuli, Chitwan and Darchula.

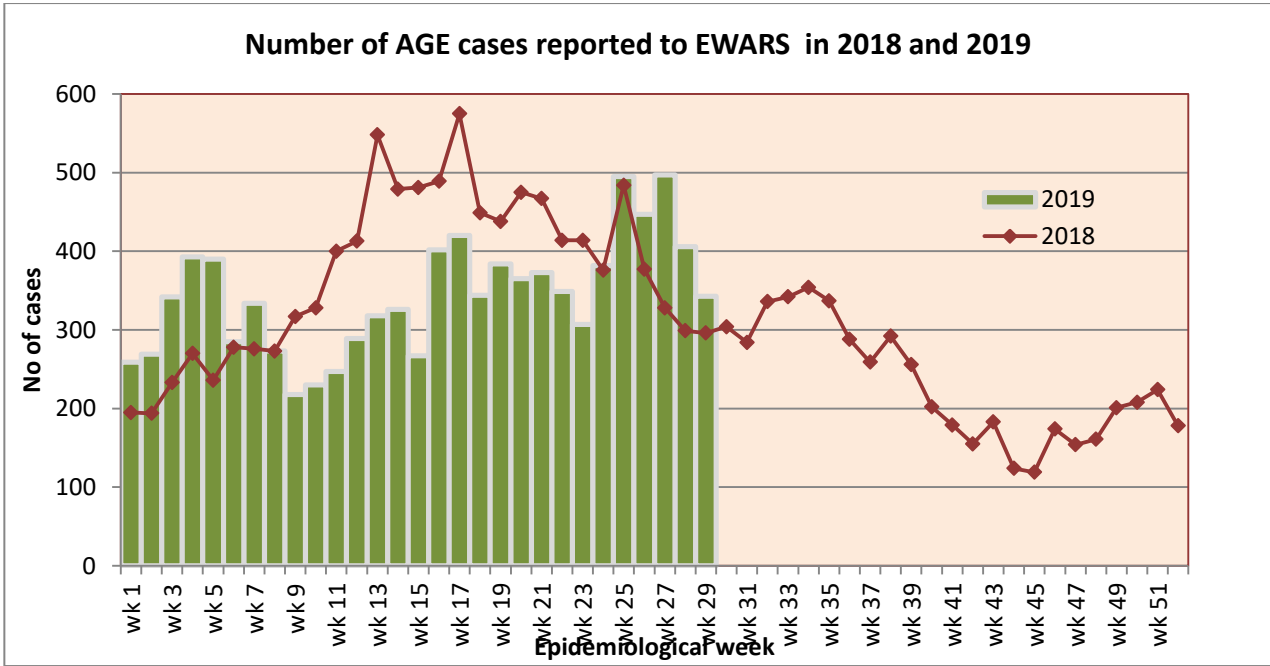
**Kala-azar:** One case of Kala-azar is reported this week by Sukraraj Tropical Hospital, Kathmandu, and the case was from Bajhang.

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 and Cholera

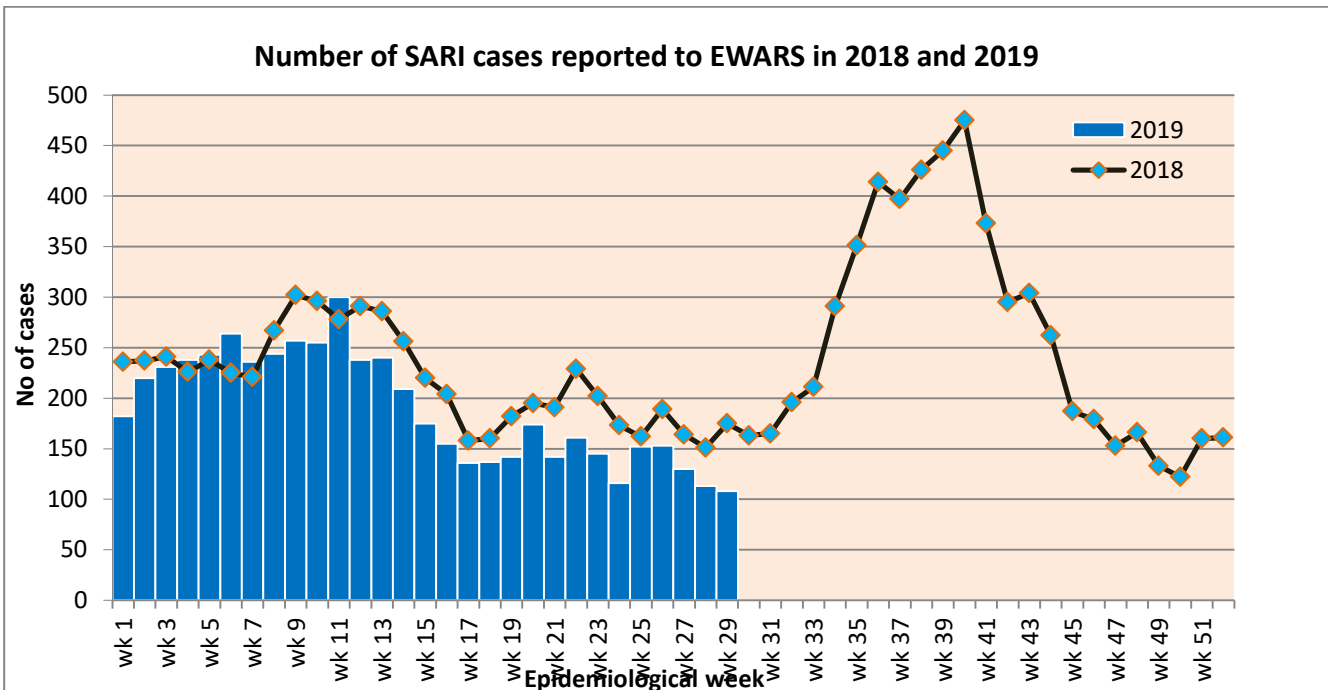
343 cases of AGE are reported in the 29<sup>th</sup> epidemiological week this year. The majority of these cases are from Kanchanpur (31 cases), Kathmandu (26 cases), Bhaktapur (20 cases), Surkhet (19 cases) and Achham (19 cases). 296 cases of AGE were reported this week in 2018.



**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)

108 cases of SARI are reported in the 29<sup>th</sup> epidemiological week this year. The majority of these cases are from Lalitpur (15 cases), Morang (9 cases), Dolkaha (6 cases), Jhapa (6 cases), Gulmi (5 cases), Palpa (4 cases) and Rukum West (4 cases). 175 cases of SARI were reported this week in 2018.



### 1.3 Malaria

Six cases of Malaria are reported this week, of which 2 cases are reported from Kanchanpur, and one each from Kailali, Doti, Achham and Morang. Four cases of Malaria were reported this week in 2018.

### 1.4 Dengue

61 cases of Dengue are reported this week, of which the majority are reported by BPKIHS, Dharan. The reported Dengue cases are from Sunsari (34 cases), Morang (7 cases), Jhapa (5 cases), Kathmandu (2 cases), Bhojpur (2 cases), Saptari (2 cases) and one each from Ilam, Dhanusha, Mahottari, Panchthar, Udaypur, Sindhuli, Chitwan and Darchula. No case of Dengue was reported this week in 2018.

### 1.5 Kala-azar

One case of Kala-azar is reported this week by Sukraraj Tropical Hospital, Kathmandu, and the case was from Bajhang. Four cases of Kala-azar were reported this week in 2018.

### 1.6 Scrub typhus

12 cases of Scrub typhus are reported this week. The majority of the cases are from Palpa (3 cases), Dhading (2 cases) and Banke (2 cases).

### 1.7 Enteric Fever

64 cases of Enteric fever are reported this week. The majority of the cases are from Lamjung (8 cases), Morang (6 cases) and Jhapa (5 cases).

#### **Timeliness and completeness of reporting from sentinel sites:**

Timeliness and completeness of reporting will be updated in the subsequent bulletins.

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