

Early Warning and Reporting System (EWARS)

Weekly Bulletin

(25th 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 the the recently expanded 36 sentinel sites (including public hospitals, private hospitals and medical colleges).

The Early Warning and Reporting System (EWARS)

Highlights

AGE: 367 cases of AGE are reported this week. The majority of these cases are from Kathmandu (54 cases), Dolakha (44 cases), Bhaktapur (25 cases) and kanchanpur (25 cases).

SARI: 120 cases of SARI are reported this week. The majority of these cases are from Lalitpur (14 cases), Morang (12 cases), Parbat (10 cases) and Kathmandu (9 cases).

Dengue: 22 cases of Dengue are reported this week. The majority of the cases are from Sunsari (17 cases- reported by BPKIHS) and one each from Achham, Dhankuta, Kaski, Jhapa and Lalitpur.

Malaria: Three cases of Malaria are reported this week, two from kanchanpur and one from Achham.

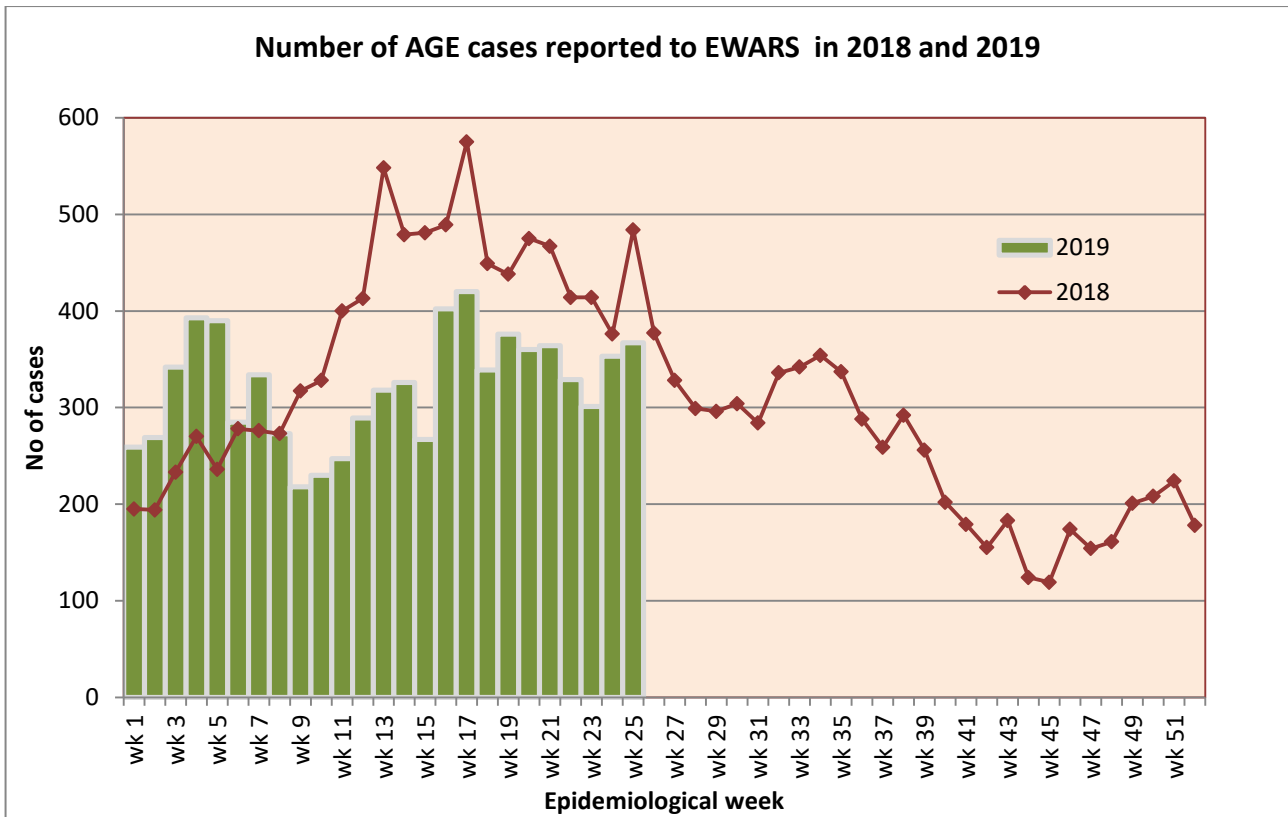
Kala-azar: Two cases of Kala-azar are reported this week, one each from Saptari and Arghakhanchi

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

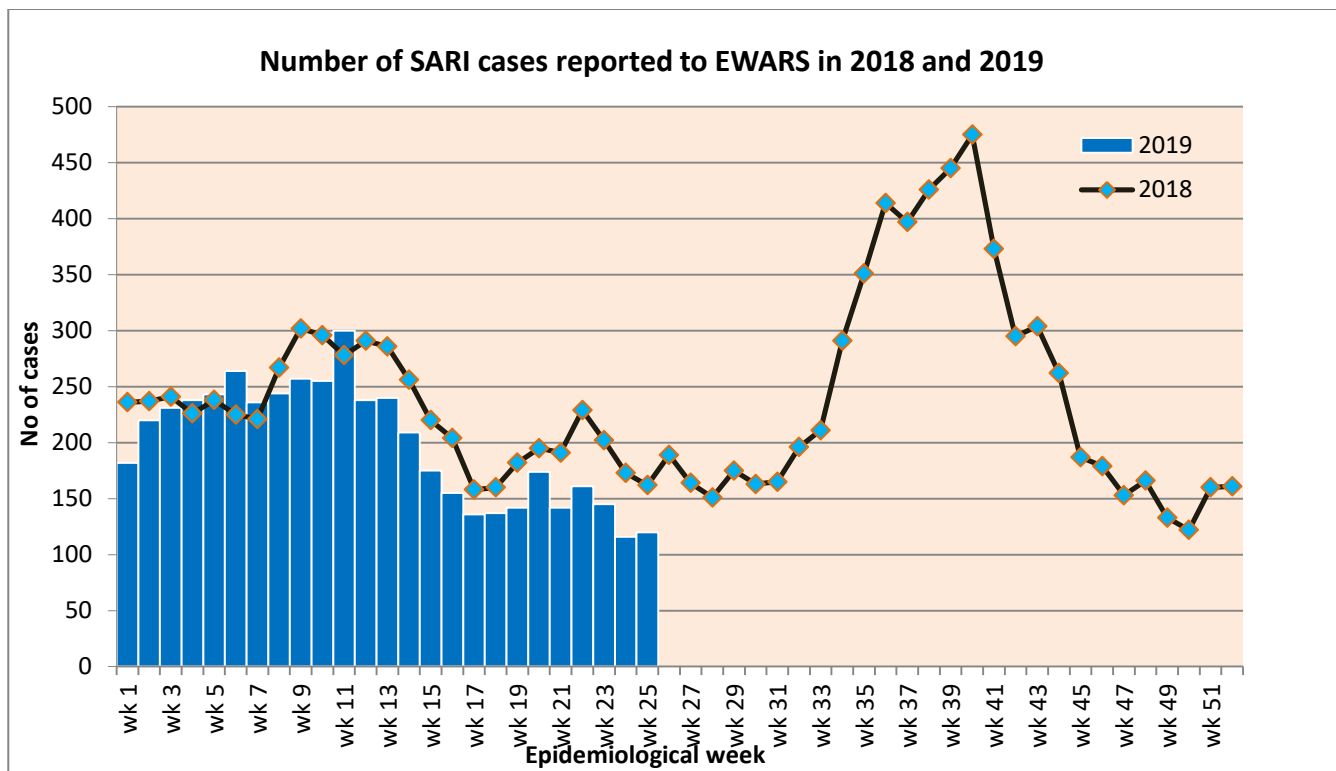
367 cases of AGE are reported in the 25th epidemiological week this year. The majority of these cases are from Kathmandu (54 cases), Dolakha (44 cases), Bhaktapur (25 cases) and kanchanpur (25 cases). 484 cases of AGE were reported this week in 2018.



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)

120 cases of SARI are reported in the 25th epidemiological week this year. The majority of these cases are from Lalitpur (14 cases), Morang (12 cases), Parbat (10 cases) and Kathmandu (9 cases). 162 cases of SARI were reported this week in 2018.



1.3 Enteric Fever

60 cases of Enteric fever are reported this week. The majority of the cases are from Sindhupalchowk (6 cases) and Morang (5 cases).

1.4 Malaria

Three cases of Malaria are reported this week, two from kanchanpur and one from Achham. One case of Malaria was reported this week in 2018.

1.5 Dengue

22 cases of Dengue are reported this week. The majority of the cases are from Sunsari (17 cases- reported by BPKIHS) and one each from Achham, Dhankuta, Kaski, Jhapa and Lalitpur. A total of 83 Dengue cases have been reported so far this year. One case of Dengue was reported this week in 2018.

1.6 Kala-azar

Two cases of Kala-azar are reported this week, one each from Saptari and Arghakhanchi. Five cases of Kala-azar were reported this week in 2018.

1.7 Scrub typhus

Eight cases of Scrub typhus are reported this week. The cases are from Kathmandu (2 cases), Gulmi (2 cases), and one each from Bhaktapur, Gorkha, Palpa and Rupandehi.

Timeliness and completeness of reporting from sentinel sites:

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

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