

Early Warning and Reporting System (EWARS)

Weekly Bulletin

(28th Epidemiological Week)

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Government of Nepal
Ministry of Health and Population
Department of Health Services
Epidemiology and Disease Control Division
Kathmandu, Nepal
ewarsnepal@gmail.com

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: 376 cases of AGE are reported this week. The majority of these cases are from Kathmandu (52 cases), Saptari (18 cases), Kanchanpur (17 cases), Jumla (16 cases) and Dolakha (15 cases). Two deaths from AGE were reported this week, one each from Kathmandu and Morang.

SARI: 108 cases of SARI are reported this week. The majority of these cases are from Morang (18 cases), Dhading (5 cases), Rupandehi (5 cases), Dolakha (4 cases), Sindhupalchok (4 cases), Lalitpur (4 cases) and Palpa (4 cases).

Malaria: Two cases of Malaria are reported this week (one case by BPKIHS, Dharan and the case was from Sunsari and the other by Bayalpata Hospital, Achham and the case was from Achham).

Dengue: 37 cases of Dengue are reported this week. The cases are from Sunsari (23 cases- reported by BPKIHS), Jhapa (7 cases), Morang (3 cases), Kathmandu (2 cases), and one each from Darchula and Pyuthan. One death from Dengue is reported this week by BPKIHS and the case was from Sunsari.

Kala-azar: Four cases of Kala-azar are reported this week, one each from Mugu, Dang, Kathmandu and Jhapa.

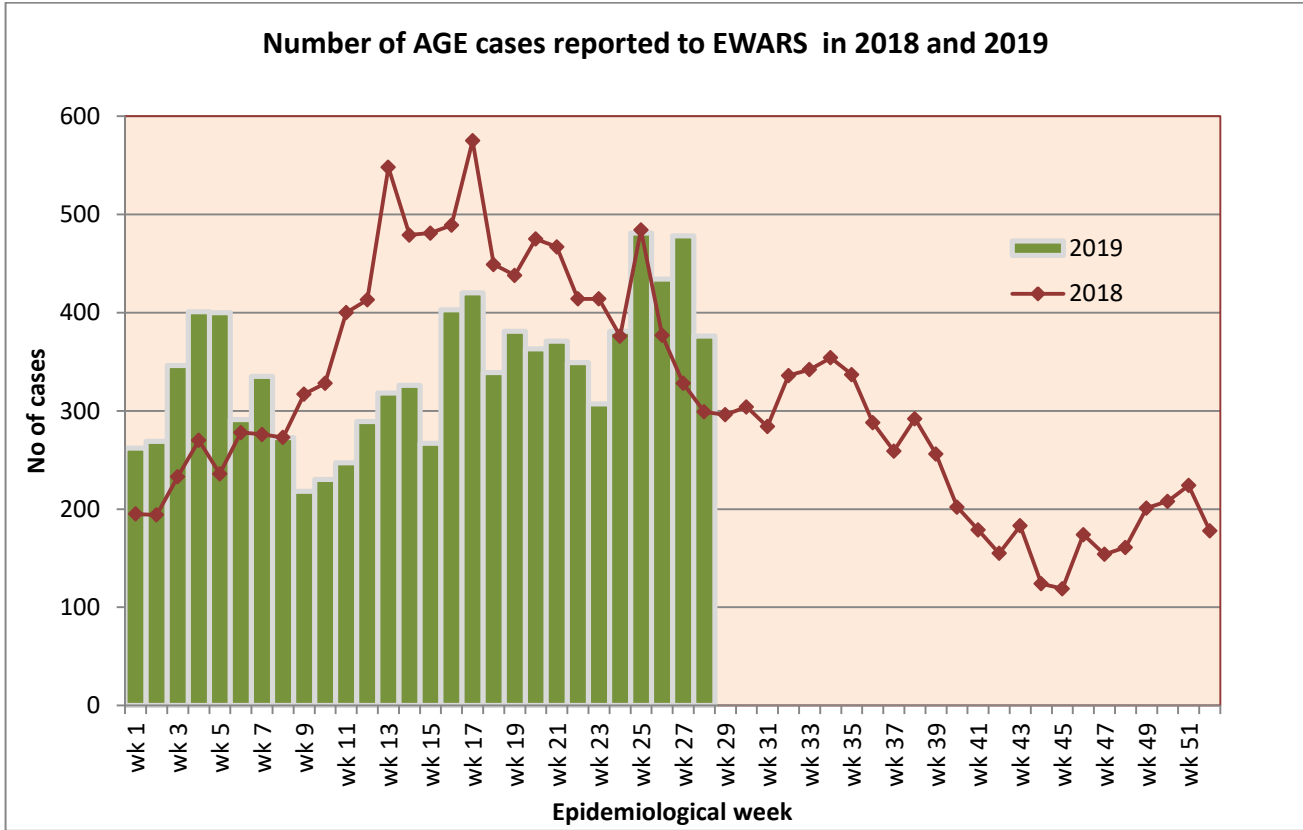
The EWARS was established in 1997 to strengthen the flow of information on vector-borne and other outbreak prone infectious diseases from the district to Epidemiology and Disease Control Division (EDCD) and Vector-Borne Disease Research and Training Center (VBDRTC), Hetauda. Rapid Response Teams (RRTs) 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

376 cases of AGE are reported in the 28th epidemiological week this year. The majority of these cases are from Kathmandu (52 cases), Saptari (18 cases), Kanchanpur (17 cases), Jumla (16 cases) and Dolakha (15 cases). 299 cases of AGE were reported this week in 2018.

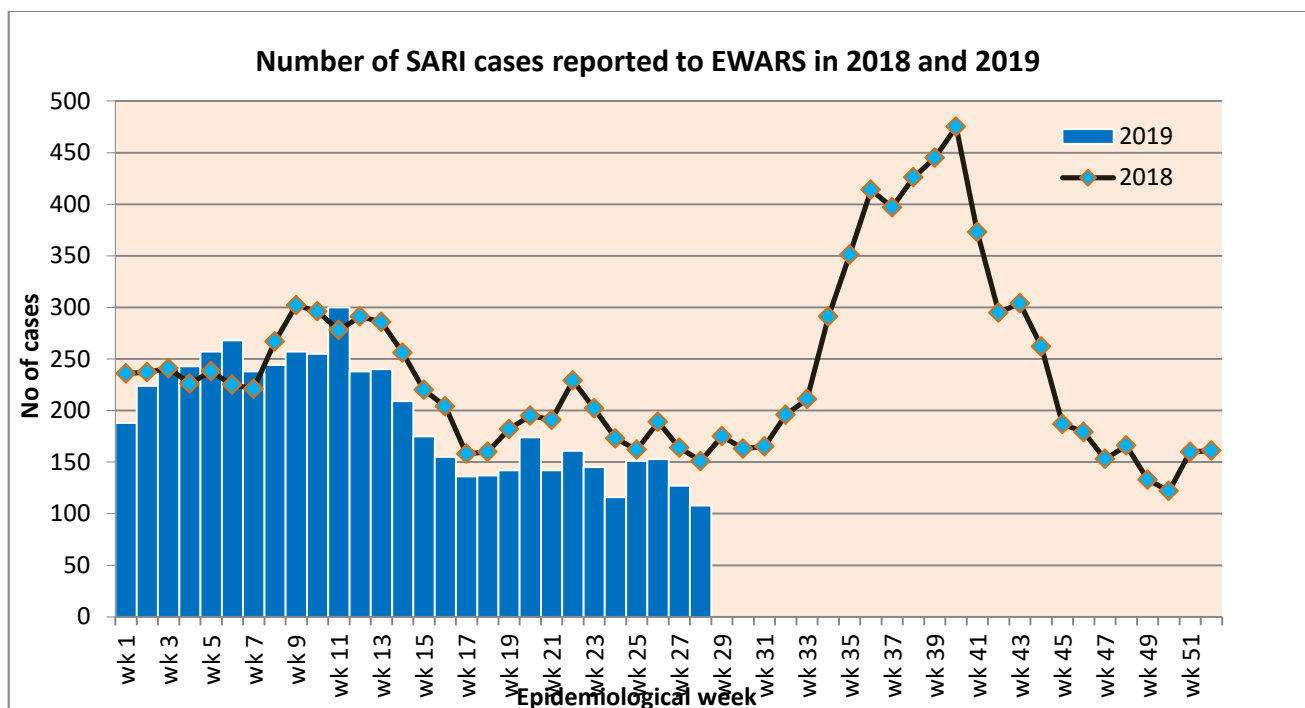
Two deaths from AGE were reported this week, one each from Kathmandu and Morang.



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 28th epidemiological week this year. The majority of these cases are from Morang (18 cases), Dhading (5 cases), Rupandehi (5 cases), Dolakha (4 cases), Sindhupalchok (4 cases), Lalitpur (4 cases) and Palpa (4 cases). 151 cases of SARI were reported this week in 2018.



1.3 Malaria

Two cases of Malaria are reported this week (one case by BPKIHS, Dharan and the case was from Sunsari and the other by Bayalpata Hospital, Achham and the case was from Achham). Three cases of Malaria were reported this week in 2018.

1.4 Dengue

37 cases of Dengue are reported this week. The cases are from Sunsari (23 cases- reported by BPKIHS), Jhapa (7 cases), Morang (3 cases), Kathmandu (2 cases), and one each from Darchula and Pyuthan. Four cases of Dengue were reported this week in 2018. One death from Dengue is reported this week by BPKIHS and the case was from Sunsari.

1.5 Kala-azar

Four cases of Kala-azar are reported this week, one each from Mugu, Dang, Kathmandu and Jhapa. Three cases of Kala-azar were reported this week in 2018.

1.6 Scrub typhus

Four cases of Scrub typhus are reported this week, one each from Dhanusha, Kailali, Gulmi and Palpa.

1.7 Enteric Fever

69 cases of Enteric fever are reported this week. The majority of the cases are from Dolpa (9 cases), Morang (7 cases) and Saptari (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. Thank you.