

Early Warning and Reporting System (EWARS)

Weekly Bulletin

(30th Epidemiological Week)

4 August 2019



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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: 300 cases of AGE are reported this week. The majority of these cases are from Kathmandu (27 cases), Kanchanpur (23 cases), Achham (19 cases), Lalitpur (17 cases), Bhaktapur (14 cases), Jhapa (14 case) and Dolakha (10 cases).

SARI: 108 cases of SARI are reported this week. The majority of these cases are from Morang (17 cases), Lalitpur (14 cases), Jhapa (7 cases) and Dhankuta (6 cases). Two deaths from SARI are reported this week by Patan Hospital Lalitpur and the cases were from Lalitpur.

Malaria: Three cases of Malaria are reported this week- two from Dailekh and one from Kailali.

Dengue: 78 cases of Dengue are reported this week, of which the majority are reported by BPKIHS, Dharan. The reported cases are from Sunsari (52 cases), Jhapa (8 cases), Dhading (4 cases), Morang (5 cases), Dhankuta (2 cases), Kathmandu (2 cases), and one each from Sindhuli, Makwanpur, Lalitpur and Bara and Panchthar.

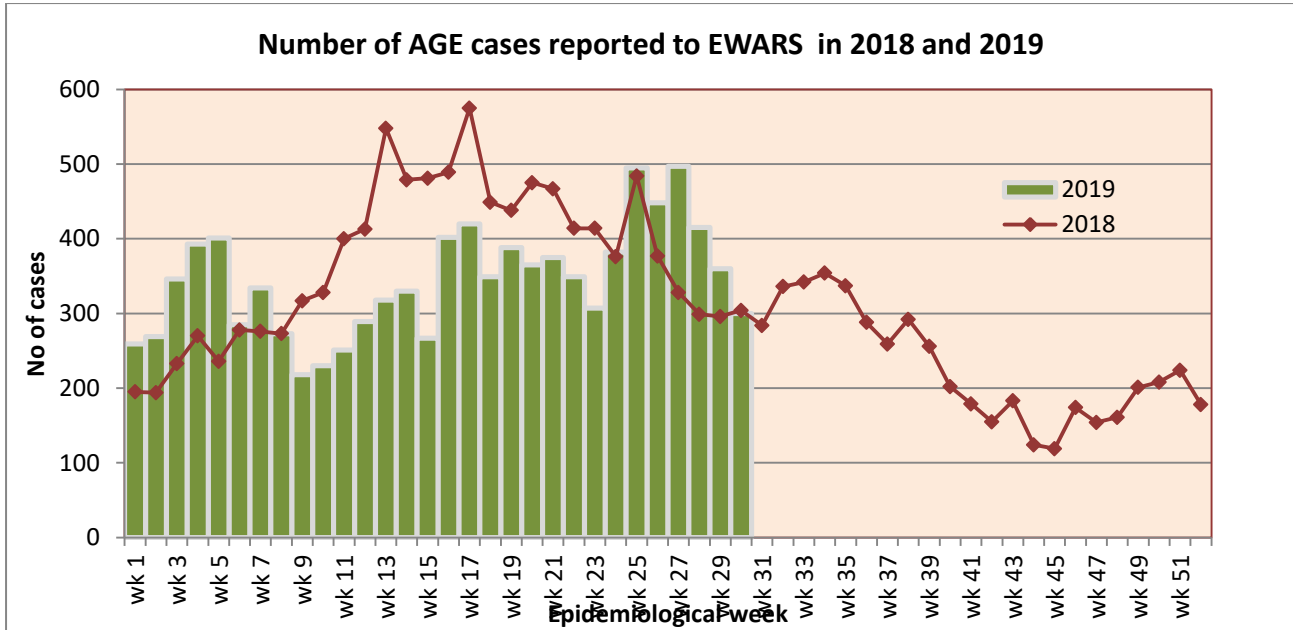
Kala-azar: Four cases of Kala-azar are reported this week, one each from Bardiya, Surkhet, Mugu and Dadeldhura. One death from Kala-azar is reported this week by Sukraraj Tropical Hospital, Kathmandu and the case was from Surkhet.

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

300 cases of AGE are reported in the 30th epidemiological week this year. The majority of these cases are from Kathmandu (27 cases), Kanchanpur (23 cases), Achham (19 cases), Lalitpur (17 cases), Bhaktapur (14 cases), Jhapa (14 case) and Dolakha (10 cases). 304 cases of AGE were reported this week in 2018.

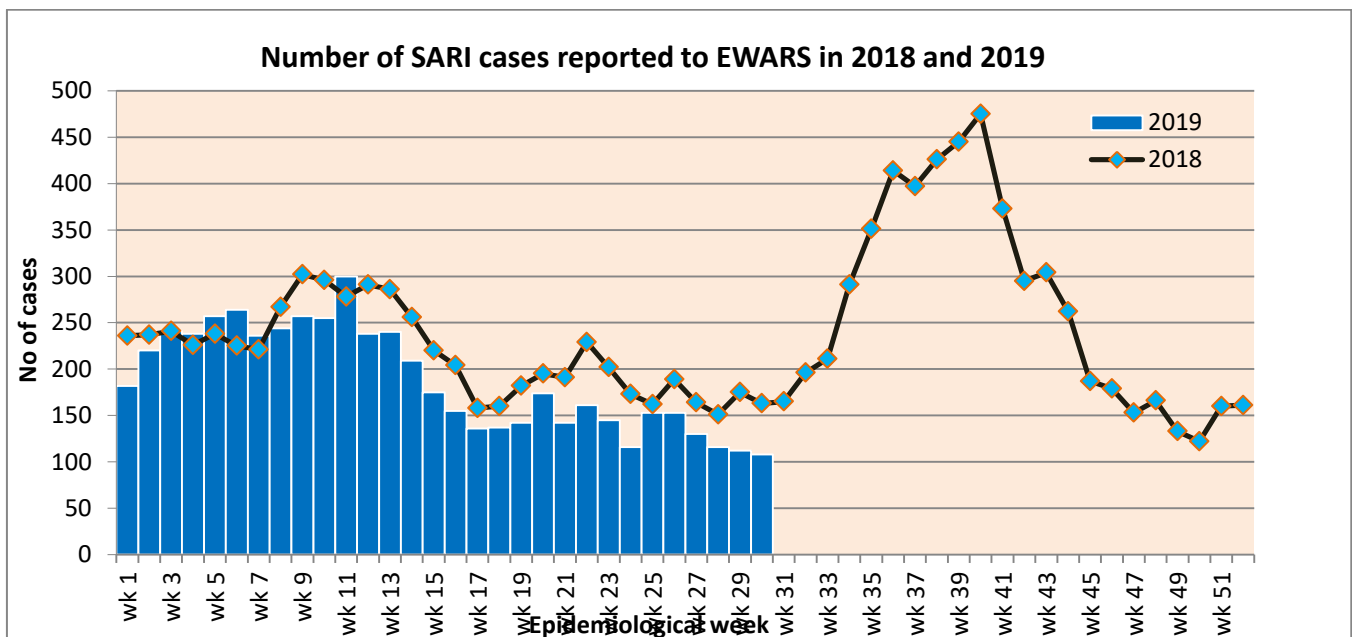


Cholera: One case of Cholera has been reported so far this year by Teku hospital, Kathmandu and the case was from Tahachal, Kathmandu.

1.2 Severe Acute Respiratory Infection (SARI)

108 cases of SARI are reported in the 30th epidemiological week this year. The majority of these cases are from Morang (17 cases), Lalitpur (14 cases), Jhapa (7 cases) and Dhankuta (6 cases). 163 cases of SARI were reported this week in 2018.

Two deaths from SARI are reported this week by Patan Hospital Lalitpur and the cases were from Lalitpur.



1.3 Malaria

Three cases of Malaria are reported this week- two from Dailekh and one from Kailali. No case of Malaria was reported this week in 2018.

1.4 Dengue

78 cases of Dengue are reported this week, of which the majority are reported by BPKIHS, Dharan. The reported cases are from Sunsari (52 cases), Jhapa (8 cases), Dhading (4 cases), Morang (5 cases), Dhankuta (2 cases), Kathmandu (2 cases), and one each from Sindhuli, Makwanpur, Lalitpur and Bara and Panchthar. No case of Dengue was reported this week in 2018.

1.5 Kala-azar

Four cases of Kala-azar are reported this week, one each from Bardiya, Surkhet, Mugu and Dadeldhura. No case of Kala-azar was reported this week in 2018.

One death from Kala-azar is reported this week by Sukraraj Tropical Hospital, Kathmandu and the case was from Surkhet.

1.6 Scrub typhus

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

1.7 Enteric Fever

75 cases of Enteric fever are reported this week. The majority of the cases are from Kathmandu (11 cases), Morang (8 cases), Palpa (8 cases), Saptari (5 cases) and Ilam (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.