

Early Warning and Reporting System (EWARS)

Weekly Bulletin

(35th 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

Dengue: 355 cases of Dengue are reported this week. The majority of the cases are from Kaski (159 cases), Kathmandu (35 cases), Chitwan (23 cases), Makwanpur (22 cases), Morang (16 cases), Rupandehi (9 cases) and Sunsari (3 cases). One death from Dengue is reported this week by Grande International Hospital and the case was from Kathmandu.

Malaria: Five cases of Malaria are reported this week- one each from Kathmandu, Surkhet, Pyuthan, Bajura and Saptari.

AGE: 241 cases of AGE are reported this week. The majority of these cases are from Bhaktapur (28 cases), Kapilbastu (24 cases), Kathmandu (20 cases) and Kanchanpur (16 cases).

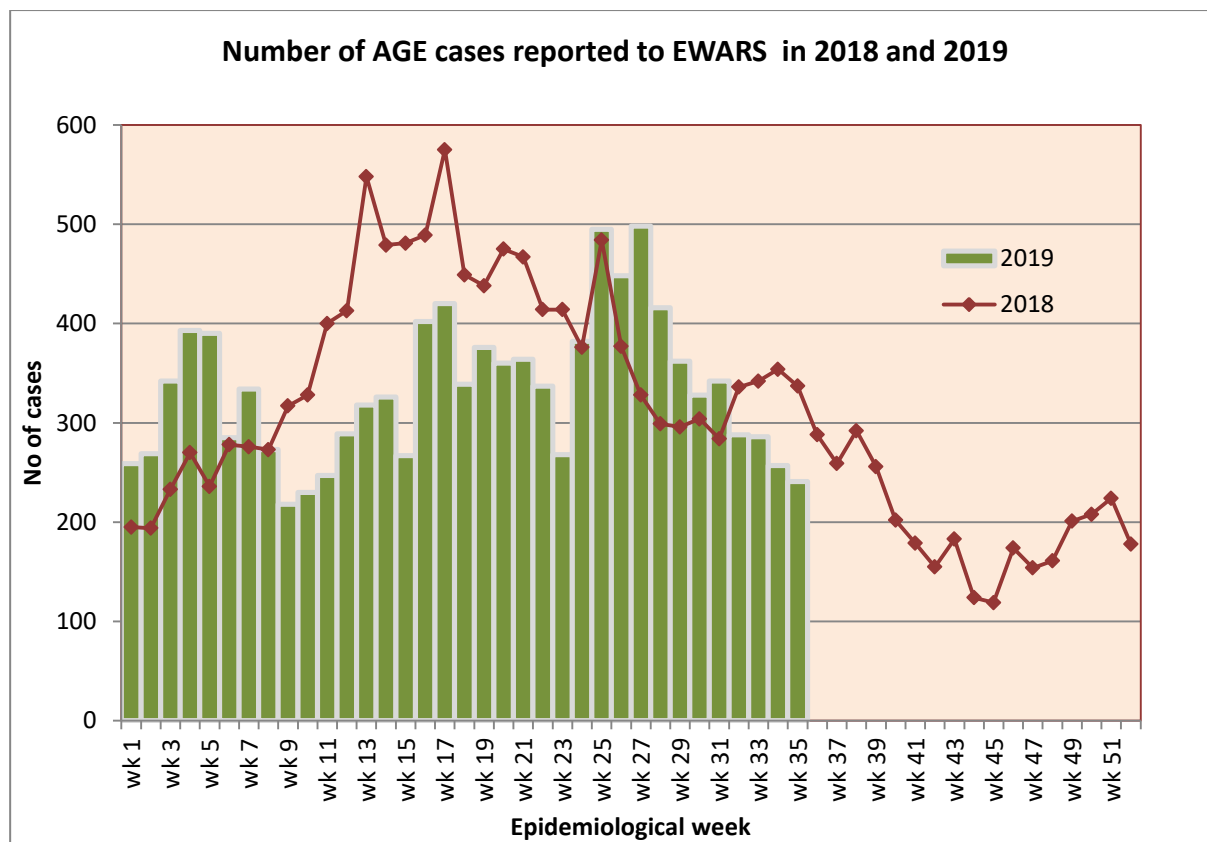
SARI: 148 cases of SARI are reported this week. The majority of these cases are from Lalitpur (14 cases), Morang (13 cases) and Rupandehi (7 cases)

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

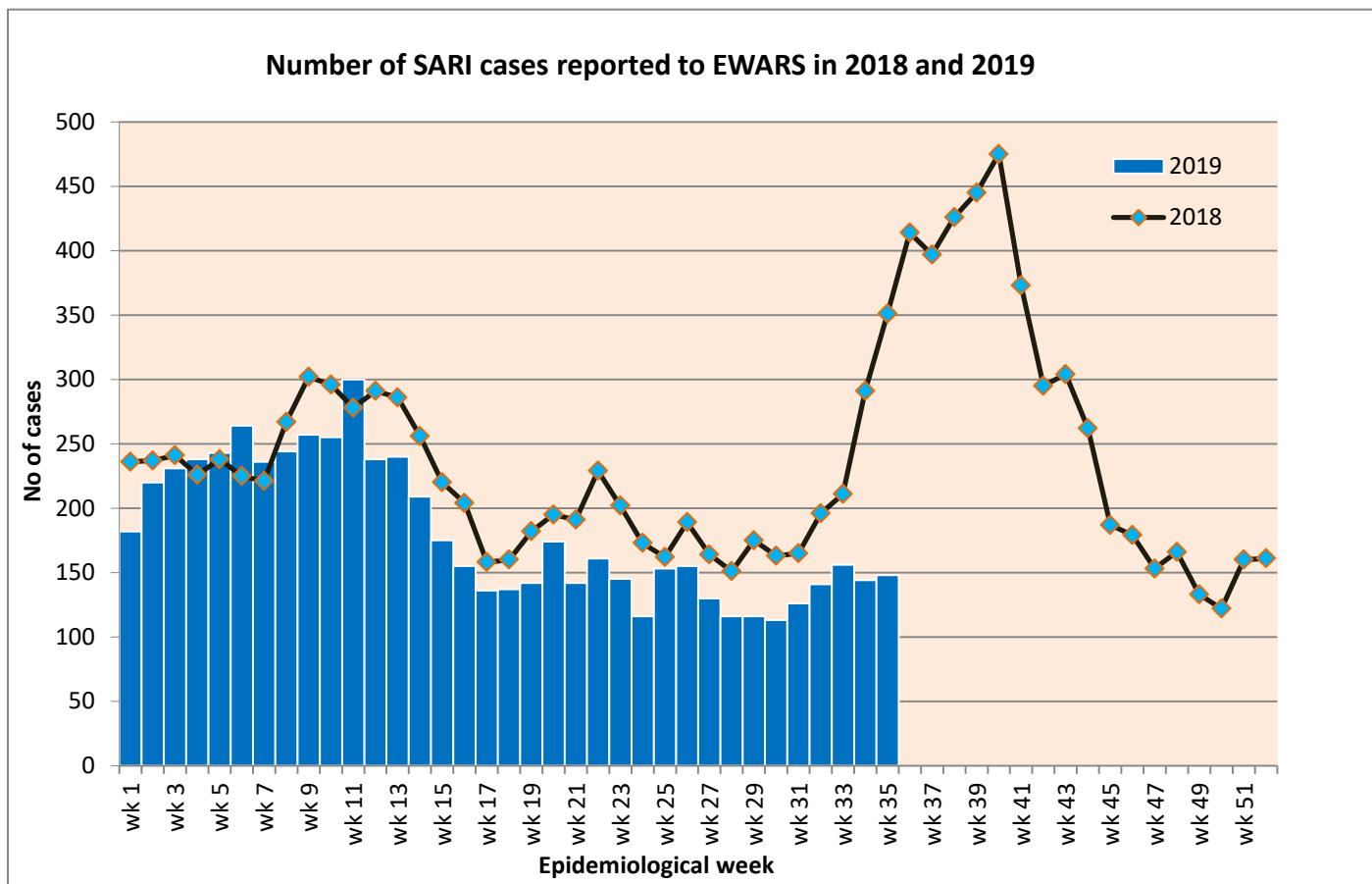
241 cases of AGE are reported in the 35th epidemiological week this year. The majority of these cases are from Bhaktapur (28 cases), Kapilbastu (24 cases), Kathmandu (20 cases) and Kanchanpur (16 cases). 337 cases of AGE were reported this week in 2018.



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)

148 cases of SARI are reported in the 35th epidemiological week this year. The majority of these cases are from Lalitpur (14 cases), Morang (13 cases) and Rupandehi (7 cases). 351 cases of SARI were reported this week in 2018.



1.3 Malaria

Five cases of Malaria are reported this week- one each from Kathmandu, Surkhet, Pyuthan, Bajura and Saptari. Three cases of Malaria were reported this week in 2018.

1.4 Dengue

355 cases of Dengue are reported this week. The majority of the cases are from Kaski (159 cases), Kathmandu (35 cases), Chitwan (23 cases), Makwanpur (22 cases), Morang (16 cases), Rupandehi (9 cases) and Sunsari (3 cases). Fourteen cases of Dengue were reported this week in 2018. One death from Dengue is reported this week by Grande International Hospital and the case was from Kathmandu.

1.5 Kala-azar

Two cases of Kala-azar are reported this week- one each from Humla and Saptari. Three cases of Kala-azar were reported this week in 2018.

Other diseases

Scrub typhus

76 cases of Scrub typhus are reported this week. The majority of the cases are from Dadeldhura (21 cases), Palpa (11 cases) and Gulmi (10 cases). One death from Scrub typhus is reported this week by Kanti Children Hospital, Kathmandu and the case was from Dhanusha.

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. Thank you.