

Early Warning and Reporting System (EWARS)

Weekly Bulletin

(11th Epidemiological Week)

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Note: This bulletin includes data since January 2020 till date, including comparison of same period during last year. It also includes 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

So far only one case of Coronavirus disease (COVID-19) has been confirmed in Nepal. The case has already recovered. No new case has been reported thereafter.

Severe Acute Respiratory Infection (SARI): 345 cases of SARI are reported this week. The majority of these cases are from Morang (30 cases), Lalitpur (25 cases), Rupandehi (23 cases) and Jhapa (21 cases).

Acute Gastro-Enteritis (AGE): 354 cases of AGE are reported this week. The majority of these cases are from Kathmandu (30 cases), Dolakha (28 cases), and Lalitpur (21 cases).

Kala-azar: Seven cases of kala-azar are reported this week. The cases are from Makwanpur (2 cases), Palpa (2 cases) and One each from Kavre, Pyuthan and Surkhet.

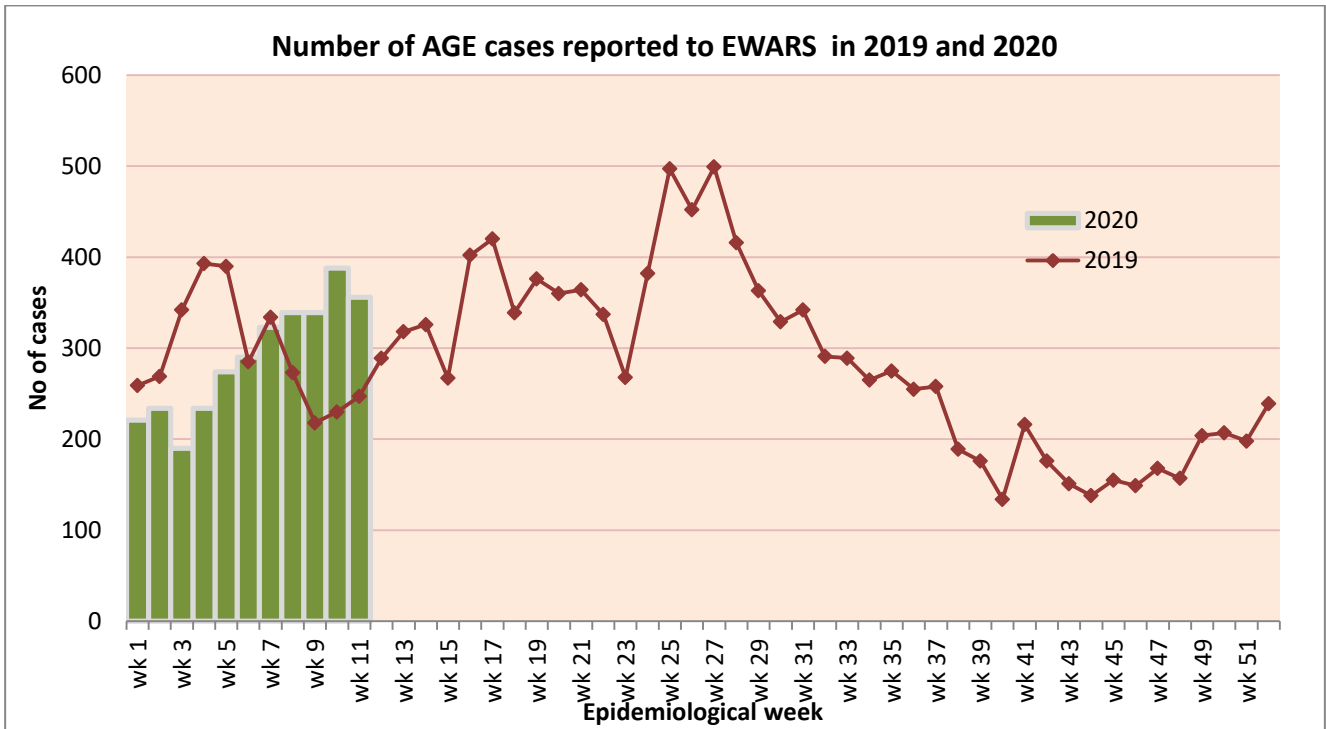
Scrub typhus : 11 cases of Scrub typhus are reported this week from Kathmandu (2 cases), one each from Sunsari, Bara, Makwanpur, Syangja, Gulmi, Baitadi, Doti, Kailali, and Kanchanpur.

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, Malaria and one case of Dengue as well as 5 or more cases of AGE and SARI from the same geographical locality in one-week period.

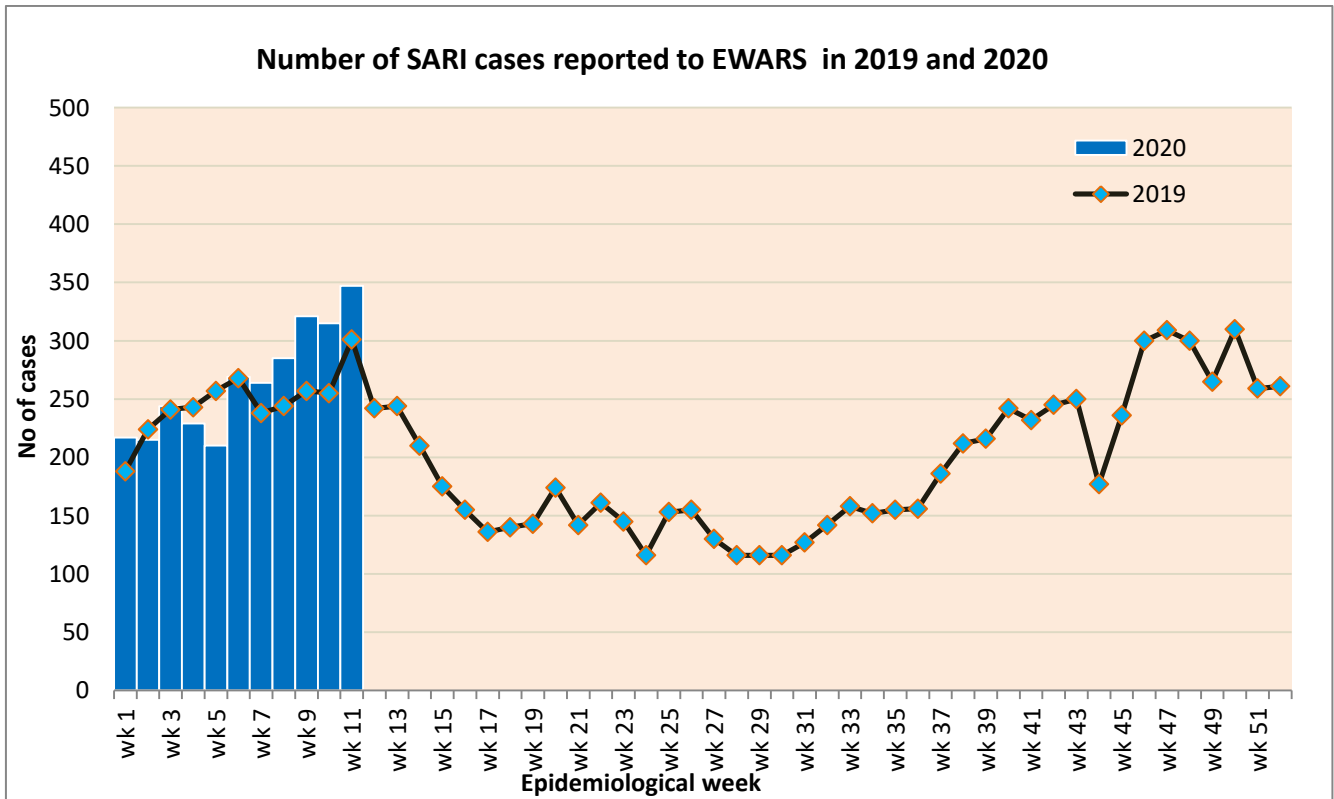
1.1 Acute Gastro-Enteritis (AGE) and Cholera

354 cases of AGE are reported this week. The majority of these cases are from Kathmandu (30 cases), Dolakha (28 cases), and Lalitpur (21 cases). 247 cases of AGE were reported this week in 2019.



1.2 Severe Acute Respiratory Infection (SARI)

345 cases of SARI are reported this week. The majority of these cases are from Morang (30 cases), Lalitpur (25 cases), Rupandehi (23 cases) and Jhapa (21 cases). 300 cases of SARI were reported this week in 2019.



1.3 Malaria

No case of malaria is reported this week. One case of Malaria was reported this week in 2019.

1.4 Dengue

No case of dengue is reported this week. No case of Dengue was reported this week in 2019.

1.5 Kala-azar

Seven cases of kala-azar are reported this week. The cases are from Makwanpur (2 cases), Palpa (2 cases) and One each from Kavre, Pyuthan and Surkhet. Seven cases of Kala-azar were reported this week in 2019.

Other diseases

Scrub typhus

11 cases of Scrub typhus are reported this week from Kathmandu (2 cases), one each from Sunsari, Bara, Makwanpur, Syangja, Gulmi, Baitadi, Doti, Kailali, and Kanchanpur. No case of Scrub typhus was reported this week in 2019.

Acknowledgement: The Epidemiology and Disease Control Division highly acknowledges the contribution from all the sentinel sites, medical recorders, EWARS focal persons, rapid response team members.

Note: This bulletin is also available at EDCCD's website www.edcd.gov.np.

Thank you.