Early Warning and Reporting System (EWARS)
Weekly Bulletin
(7th 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)

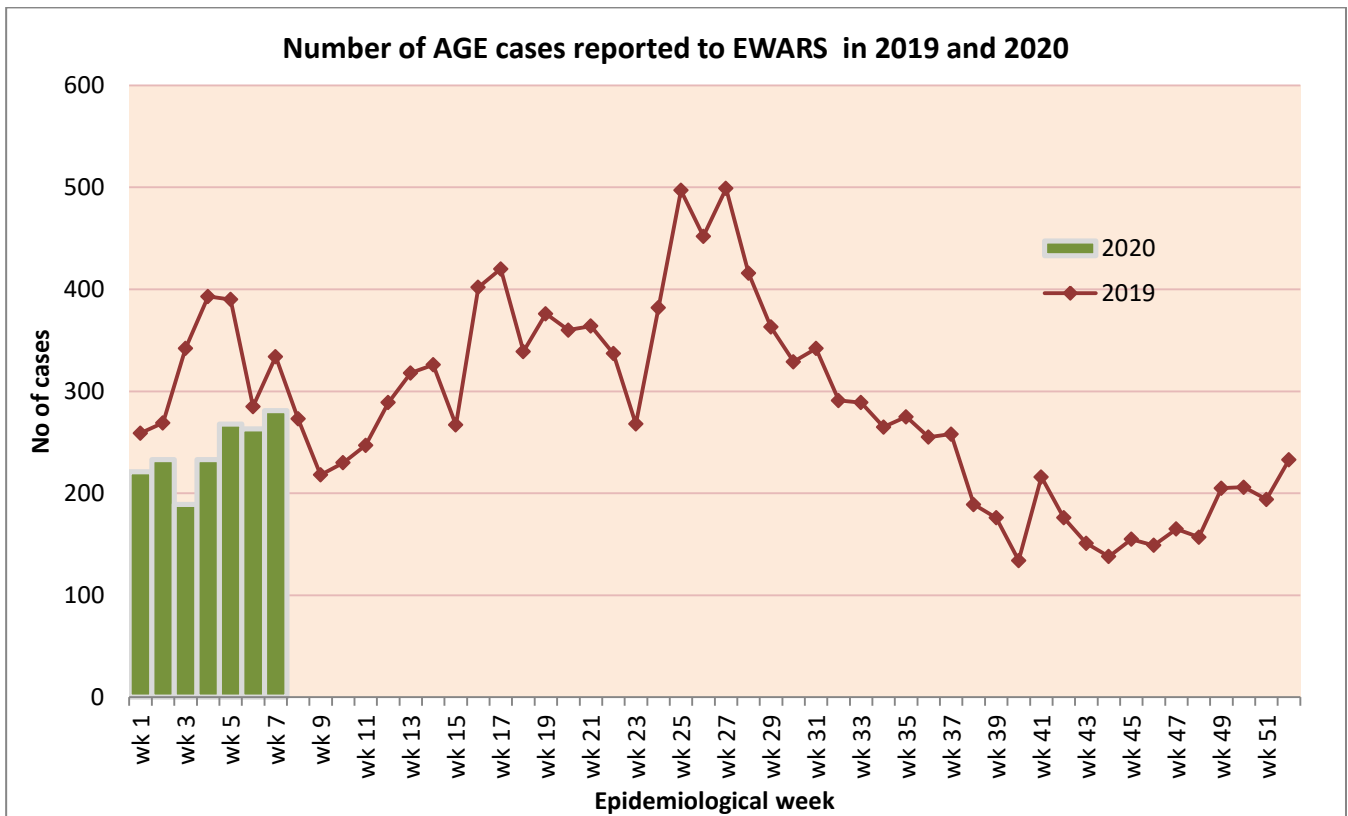| Highlights |
|---|
| One case of Novel Corona Virus (nCoV) has been confirmed in Nepal. The case traveled to Nepal from Wuhan, China. Currently, the case is on good health and is under surveillance. The health desk at Tribhuvan International Airport and other Point of Entries (PoE) has been strengthened with health workers and logistics.

SARI: 248 cases of SARI are reported this week. The majority of these cases are from Kathmandu (20 cases), Morang (19 cases), Lalitpur (15 cases), Dolakha (12 cases), and Rupandehi (12 cases).

AGE: 281 cases of AGE are reported this week. The majority of these cases are from Dolakha (31 cases), Lalitpur (22 cases), and Kathmandu (19 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.
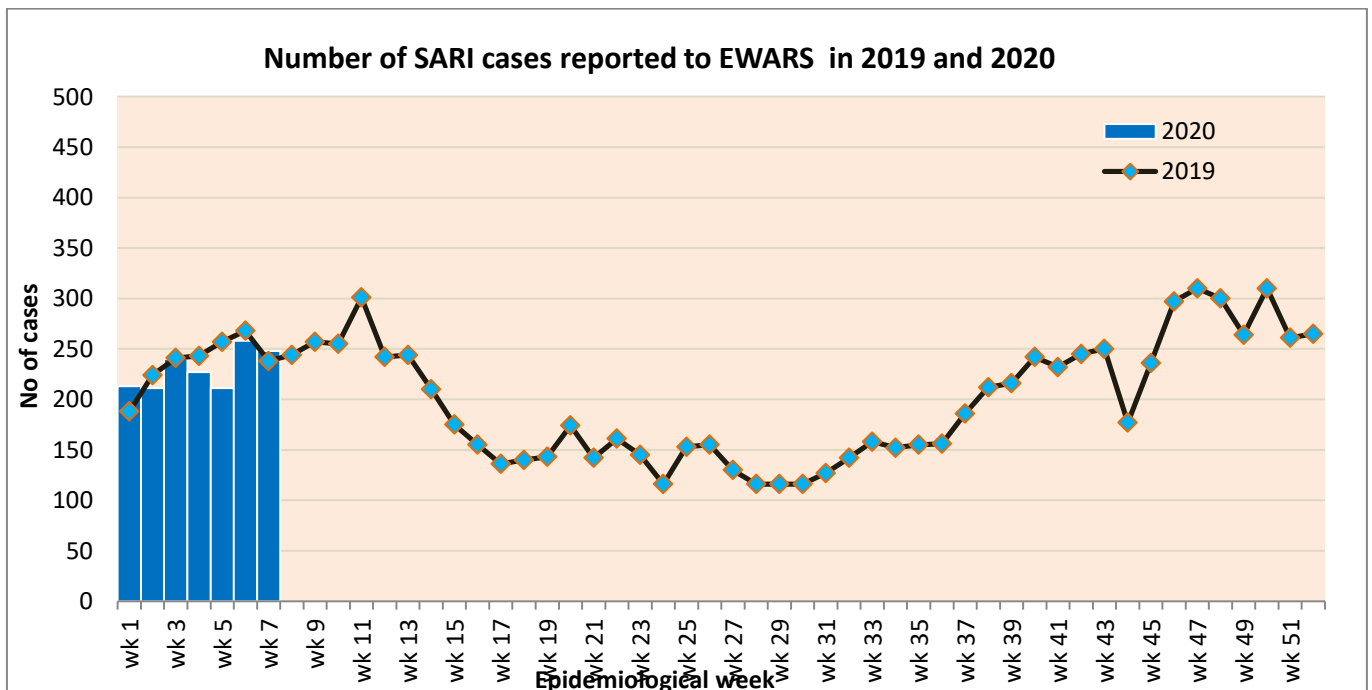
1.1 Acute Gastro-Enteritis (AGE) and Cholera

AGE: 281 cases of AGE are reported this week. The majority of these cases are from Dolakha (31 cases), Lalitpur (22 cases), and Kathmandu (19 cases). 333 cases of AGE were reported this week in 2019.

Number of AGE cases reported to EWARS in 2019 and 2020

1.2 Severe Acute Respiratory Infection (SARI)

248 cases of SARI are reported this week. The majority of these cases are from Kathmandu (20 cases), Morang (19 cases), Lalitpur (15 cases), Dolakha (12 cases), and Rupandehi (12 cases). 236 cases of SARI were reported this week in 2019.

Number of SARI cases reported to EWARS in 2019 and 2020

1.3 Malaria

Two malaria cases are reported this week -one each from Rupandehi and Kanchanpur. One case of Malaria was reported this week in 2019.

1.4 Dengue

Four cases of dengue are reported this week (Rupandehi-3 and Lalitpur-1). No case of Dengue was reported this week in 2019.

1.5 Kala-azar

Four cases of kala-azar are reported this week, One each from Sunsari, Syangja, Kapilbastu, and Jumla. Four cases of Kala-azar were reported this week in 2019.

Other diseases

Scrub typhus

Four cases of Scrub typhus are reported this week, one each from Rupandehi, Bardiya, Dailekh and Kailali. One 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 EDCD's website www.edcd.gov.np.

Thank you.