

Early Warning and Reporting System (EWARS)

Weekly Bulletin

(22nd Epidemiological Week)

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Note: This bulletin includes data since January 2020 till date, including comparison of the same period last year. Since May 2019, 36 new sentinel sites (including public hospitals, private hospitals, and medical colleges) were added and were gradually oriented and started reporting, thus increasing the number of reporting sites. The current number of sentinel sites is 118.

The Early Warning and Reporting System (EWARS)

Highlights

3448 cases of Coronavirus disease (COVID-19) have been confirmed so far in Nepal, of which 467 cases have been discharged from the hospital.

Dengue: 13 cases of dengue are reported this week (five from Kailali and one each from Sunsari, Udaypur, Dhading, Myagdi, Nawalparasi east, Nawalparasi west, Banke and Achham).

Severe Acute Respiratory Infection (SARI): 88 cases of SARI are reported this week. The majority of these cases are from Rolpa (17 cases), Surkhet (11 cases), Morang (7 cases), Jhapa (4 cases) and Rupandehi (4 cases).

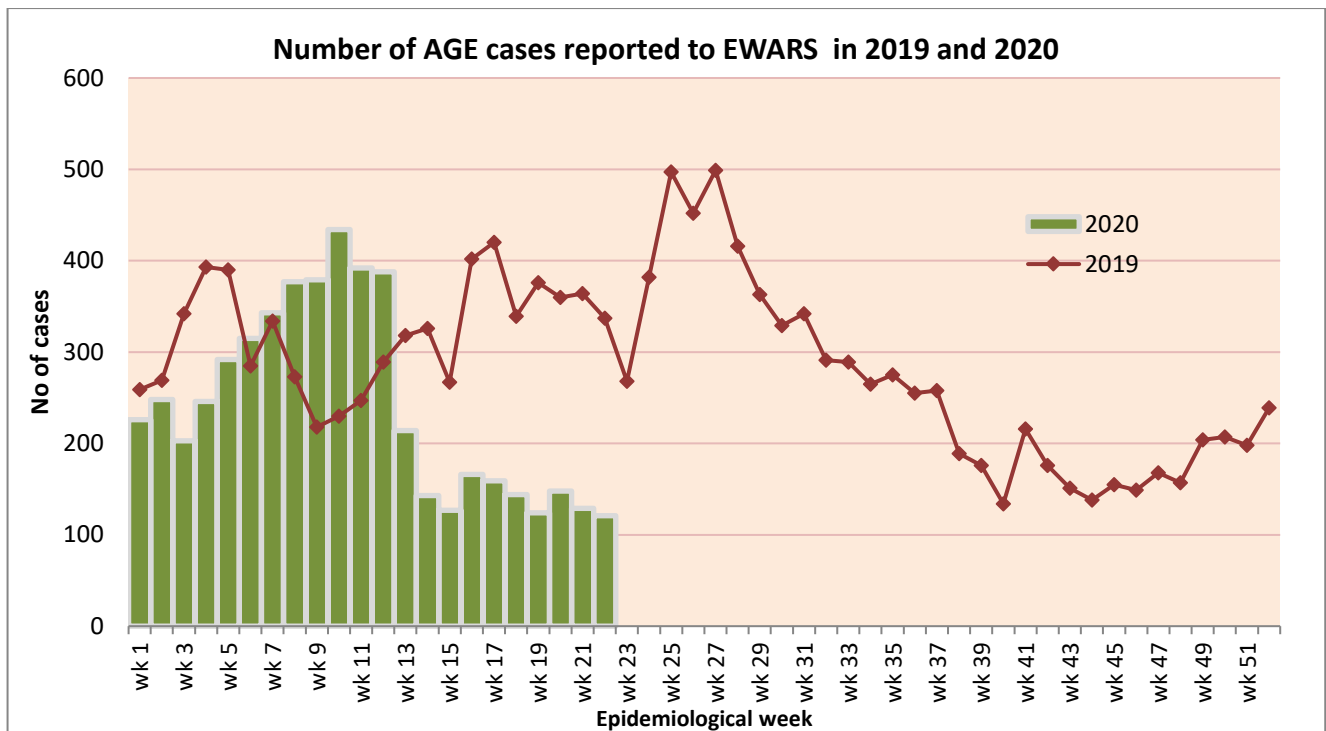
Malaria: Two cases of malaria are reported this week- one each from Syangja and Jumla.

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, provincial and local levels. 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 or SARI from the same geographical locality in one-week period.

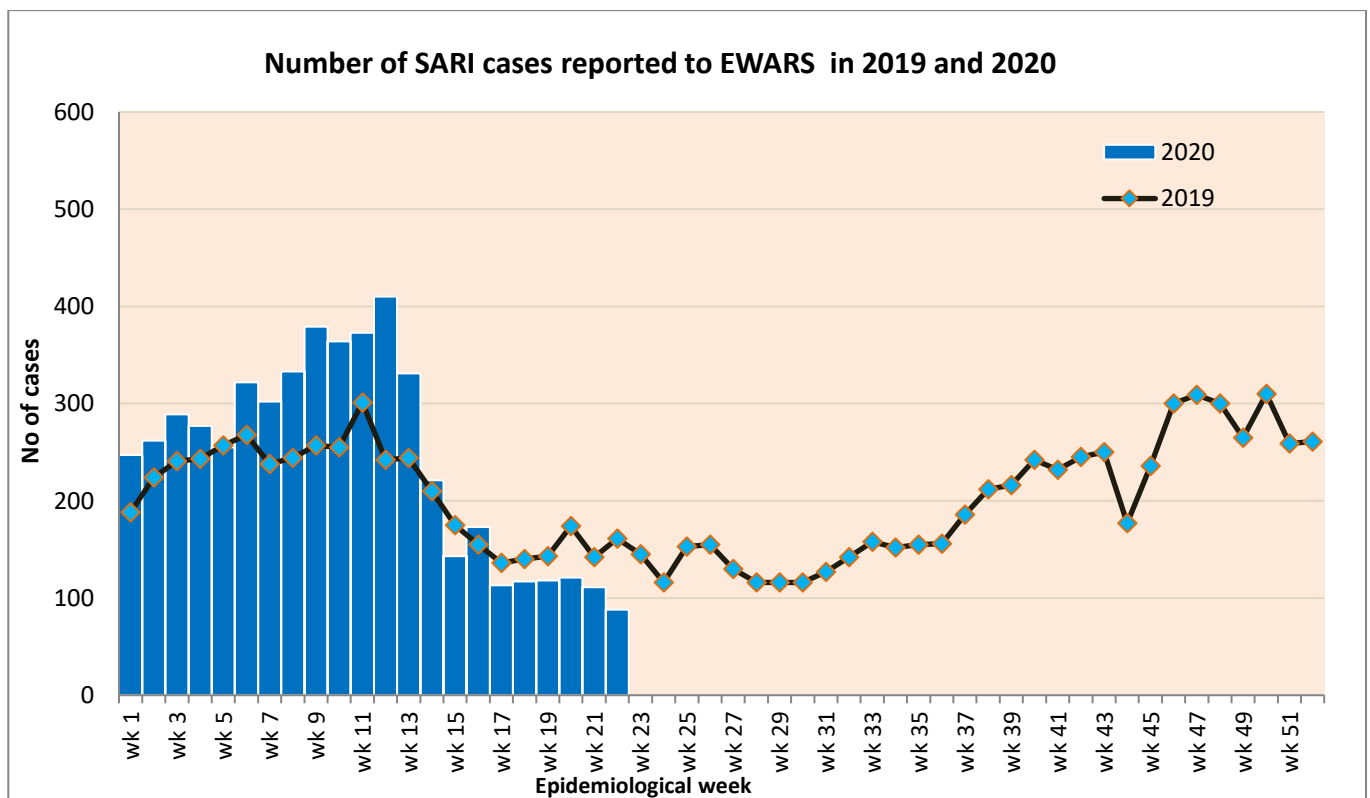
1. Acute Gastro-Enteritis (AGE) and Cholera

121 cases of AGE are reported this week. The majority of these cases are from Ilam (10 cases), Nawalparasi west (9 cases), Bajhang (9 cases), Okhaldhunga (8 cases) and Rukum West (8 cases). 337 cases of AGE were reported this week in 2019.



2. Severe Acute Respiratory Infection (SARI)

88 cases of SARI are reported this week. The majority of these cases are from Rolpa (17 cases), Surkhet (11 cases), Morang (7 cases), Jhapa (4 cases) and Rupandehi (4 cases). 161 cases of SARI were reported this week in 2019.



Note:

- *The number of reporting sites per week in 2020: 80 (for weeks 10 and 11), 84 (for week 12), 77 (for week 13), 73 (for week 14), 74 (for weeks 15-16), 76 (for weeks 17-18), 80 (for weeks 19-20), 81 (for week 21) and 79 (for week 22).*
- *The number of reporting sites per week in 2019: 51 (for weeks 10-12), 52 (for week 13), 55 (for weeks 14-19), 59 (for weeks 20-21) and 58 (for week 22).*

3. Malaria

Two cases of malaria are reported this week- one each from Syangja and Jumla. One case of malaria was reported this week in 2019.

4. Dengue

13 cases of dengue are reported this week (five from Kailali and one each from Sunsari, Udaypur, Dhading, Myagdi, Nawalparasi east, Nawalparasi west, Banke and Achham). 16 cases of dengue were reported this week in 2019.

5. Kala-azar

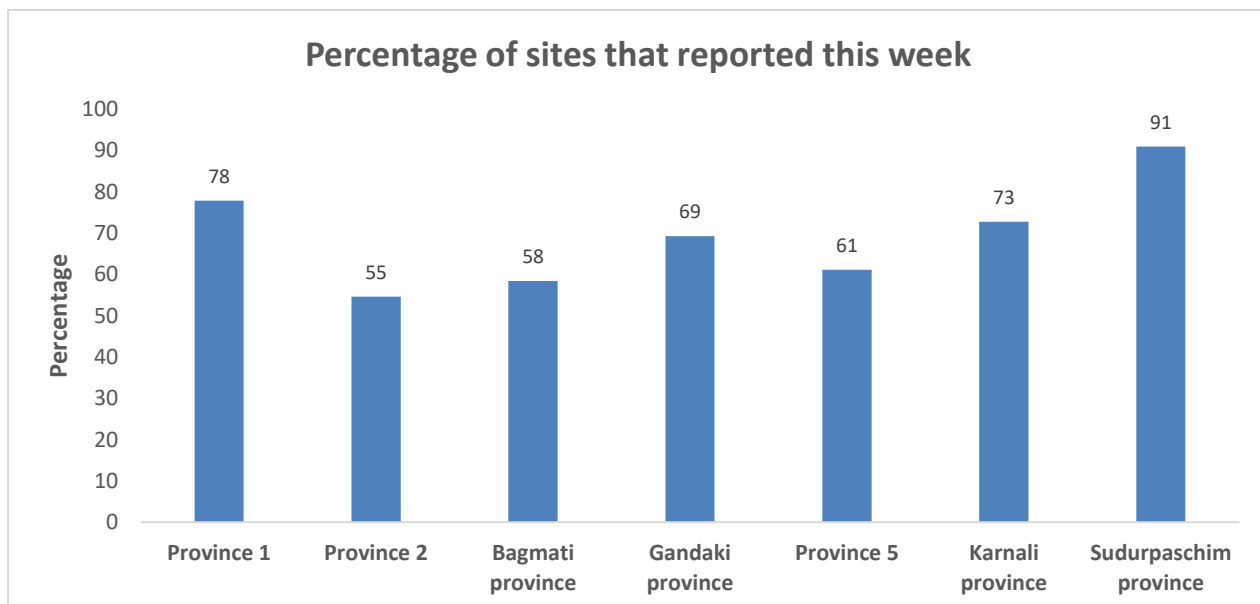
Four cases of kala-azar are reported this week- on each from Okhaldhunga, Dailekh, Kailali and Kanchanpur. Five cases of kala-azar were reported this week in 2019.

Other diseases

Scrub typhus

Eight cases of scrub typhus are reported this week- three from Palpa and one each from Myagdi, Banke, Bardiya, Kailali and Kanchanpur. Three cases of Scrub typhus were reported this week in 2019.

Provincewise reporting status



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

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