

Early Warning and Reporting System (EWARS)

Weekly Bulletin

(14th Epidemiological Week)

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This bulletin includes the updates from the Early Warning Reporting System (EWARS). It includes data since January 2017 till date, including comparison of same period during last year.

Section 1: The Early Warning and Reporting System (EWARS)

Highlights

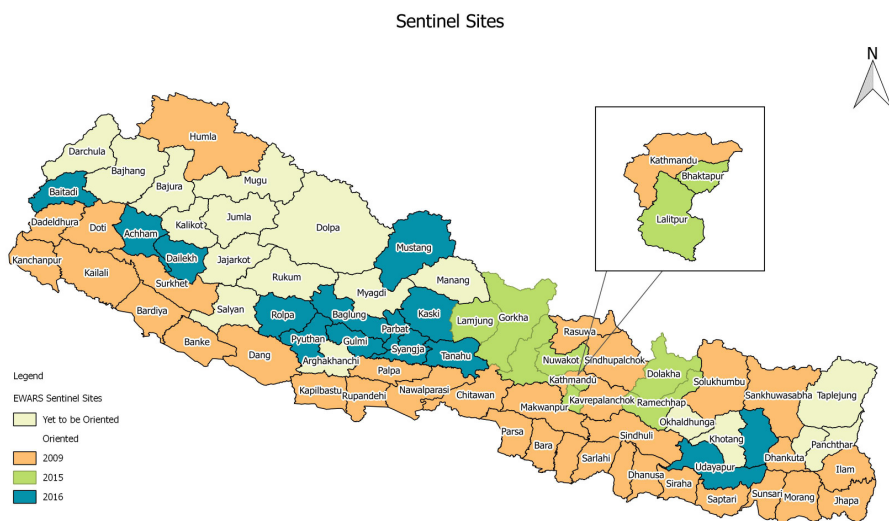
- **Kala-azar:** 14 cases of Kala-azar have been reported in Ishworpur Municipality-2, Raitertole of Sarlahi district on 8th April, 2017. Out of them, 11 cases are confirmed and 3 cases are asymptomatic. One death has been reported.

One case of Kala-azar is reported from Achham.
- **SARI:** The cases of SARI reported this week (222) exceeded the number that was reported in the same week of last year (189 cases).
- No case of **Dengue** is reported this week.
- No case of **Malaria** is reported this week.

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.

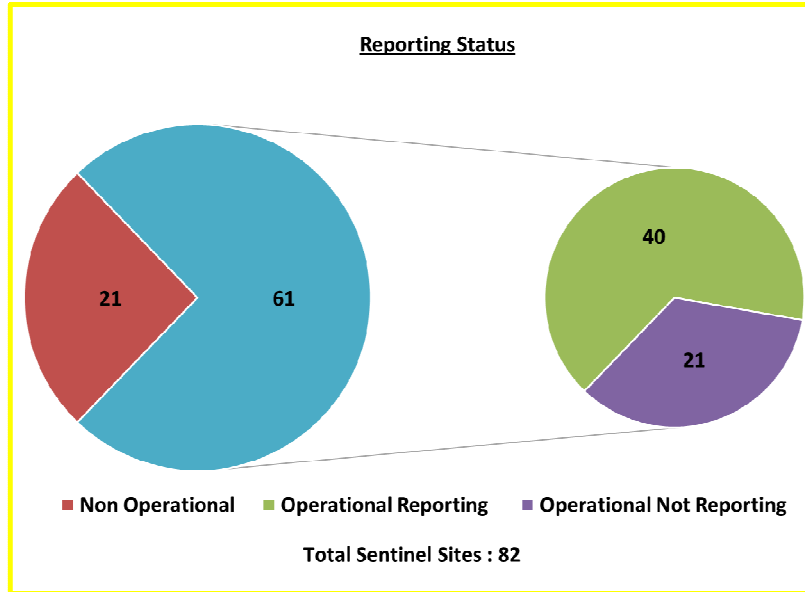
This information system is hospital-based and is currently operational in 61 hospitals (out of 82 sites) throughout Nepal (Figure 1). So far, the EWARS mainly focuses on the **weekly reporting** of number of cases and deaths (including "zero" reports) of six priority diseases/syndromes—Malaria, Kala-azar, Dengue, Cholera, Acute Gastroenteritis (AGE), 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 suspected/clinical case of Dengue as well as 5 or more cases of AGE and SARI from the same geographical locality in one week period.

Early Warning and Reporting System



Reporting Status

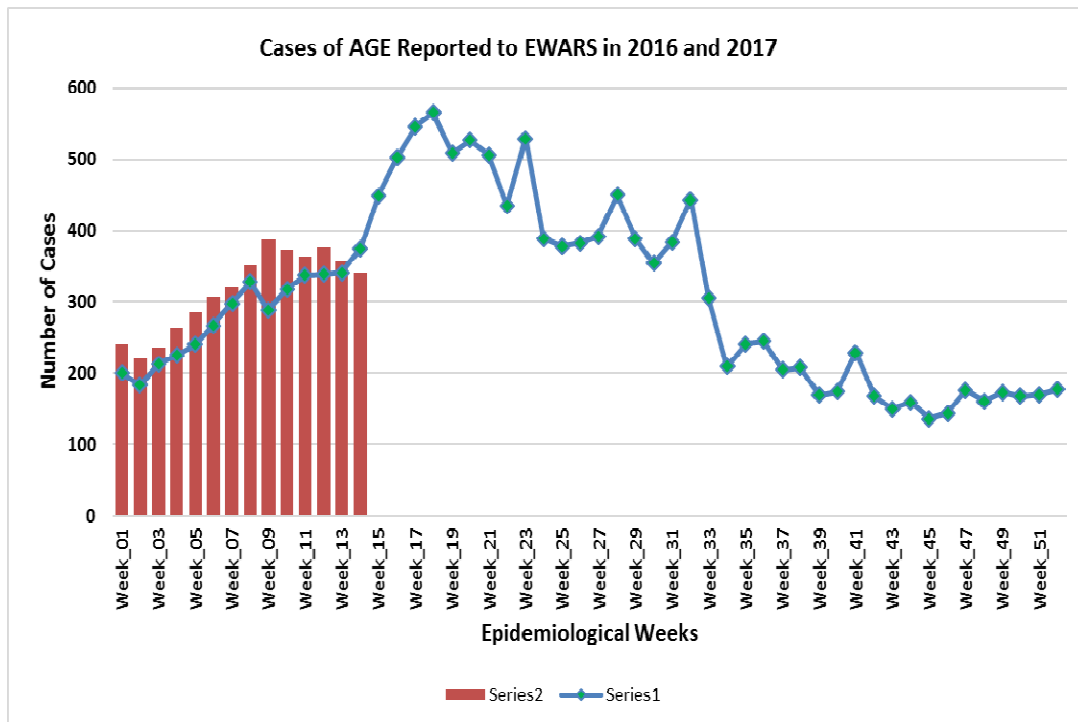
Out of 61 operational EWARS sentinel sites, 40 (Forty) sentinel sites (65.75 percent) have reported. Whereas 21 (Twenty-two) sentinel sites have not reported in 14th Epidemiological week of 2017. The reporting coverage is same as compared to the previous week.



1.1 Acute Gastro-Enteritis (AGE) and Cholera:

340 cases of AGE are reported in 14th epidemiological week of 2017. Among 340 cases, the majority of cases are from Dhanusha(40), Achham (28), Dolkha(26), Sunsari(24) and Rupandehi(24) districts. The number of AGE cases reported in 14th week of this year has not exceeded the number of AGE cases reported in the same week of last year (375 cases).

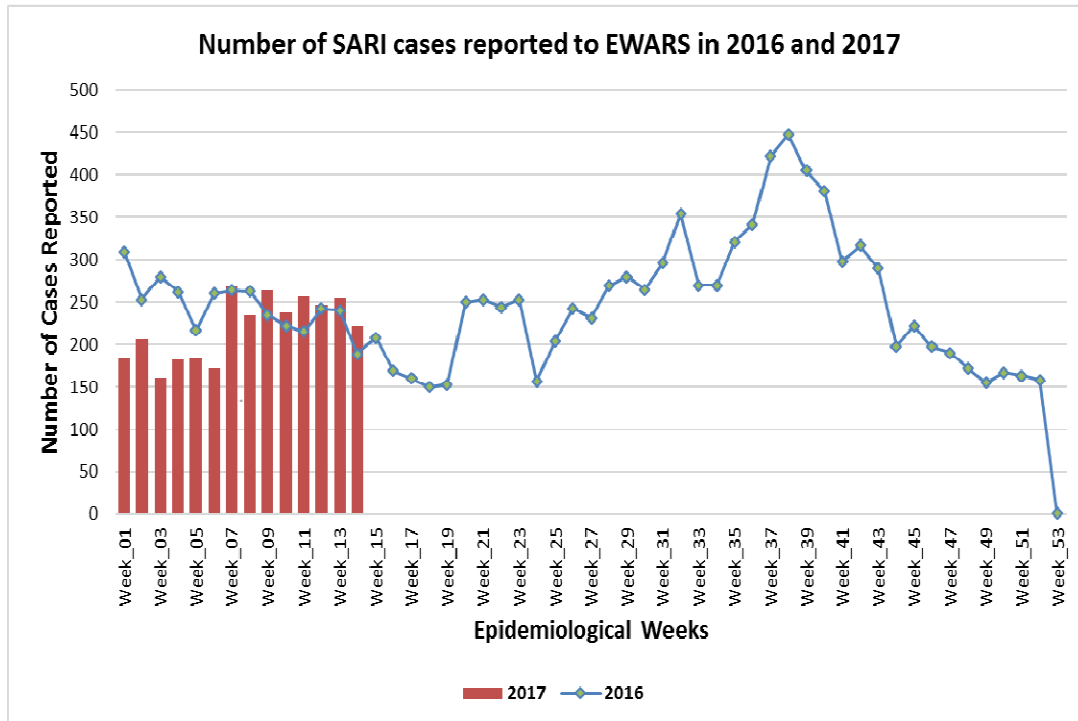
No death from AGE is reported this week. Three deaths from AGE are reported so far this year. Thirteen deaths from AGE were reported in 2016.



1.2 Severe Acute Respiratory Infection (SARI):

222 cases of SARI are reported in 14th epidemiological week of 2017. The cases of SARI reported this week exceeded the number reported in the same week last year (189 cases). Among 222 cases, the majority of cases are from Kathmandu (42), Lalitpur (39), Rupandehi (35), Panchthar (22), Baitadi (23) districts.

No death from SARI is reported this week. Fifteen deaths from SARI are reported so far this year. 70 deaths from SARI were reported in 2016.



1.3 Enteric Fever:

17 cases of Enteric fever are reported this week, including Three from Chitawan district; Two each from Baglung, Kavrepalanchok, Lamjung, Nawalparasi districts; and One each from Dolakha, Gulmi, Kapilbastu, Ramechhap, Sindhuli and Tanahu districts.

1.4 Malaria:

No case of Malaria is reported this week. Four cases of malaria are reported so far this year. Ninety Three three cases of Malaria were reported through EWARS in 2016 and One case of Malaria had been reported in the same week of 2016

1.5 Dengue:

No case of Dengue is reported this week. Three cases of Dengue were reported so far this year.

1.6 Kala-azar:

14 cases of Kala-azar have been reported in Ishworpur Municipality-2, Raitertole of Sarlahi district on 8th April, 2017. Out of them, 11 cases are confirmed and 3 cases are asymptomatic. One death has been reported. One case of Kala-azar is reported from Achham. Seventy-three cases of Kala-azar have been reported through EWARS in 2016

