

**Early Warning and Reporting System (EWARS)**  
**Weekly Bulletin**  
(7<sup>th</sup> Epidemiological Week)  
**24 February 2019**



**Government of Nepal**  
**Ministry of Health and Population**  
**Department of Health Services**  
**Epidemiology and Disease Control Division**  
**Kathmandu, Nepal**  
[ewarsedcd@gmail.com](mailto:ewarsedcd@gmail.com)

This bulletin includes the updates from the Early Warning and Reporting System (EWARS). It includes data since January 2019 till date, including comparison of same period during last year.

## The Early Warning and Reporting System (EWARS)

### Highlights

**AGE:** 247 cases of AGE are reported this week. The majority of these cases are from Kanchanpur (22 cases), Kailali (17 cases), Bhaktapur (16 cases), Achham (14 cases) and Dolakha (14 cases). One death from AGE is reported this week from Galyang-8, Syangja.

**SARI:** 153 cases of SARI are reported this week. The majority of these cases are from Morang (22 cases), Saptari (17 cases), Lalitpur (12 cases) and Kailali (10 cases). Three deaths from SARI are reported this week, one each from from Ilam, Makwanpur and Kathmandu.

**Malaria:** One case of Malaria is reported this week from Syangja.

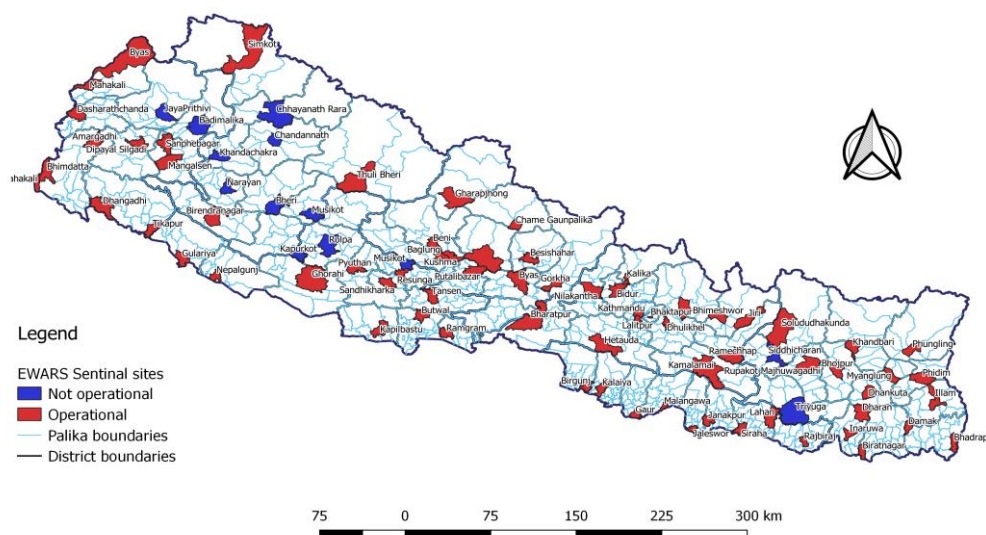
**Kala-azar:** Four cases of Kala-azar are reported this week, one each from Bajura, Kanchanpur, Makwanpur and Surkhet.

**Scrub typhus:** One case of Scrub typhus is reported this week from Kailali.

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.

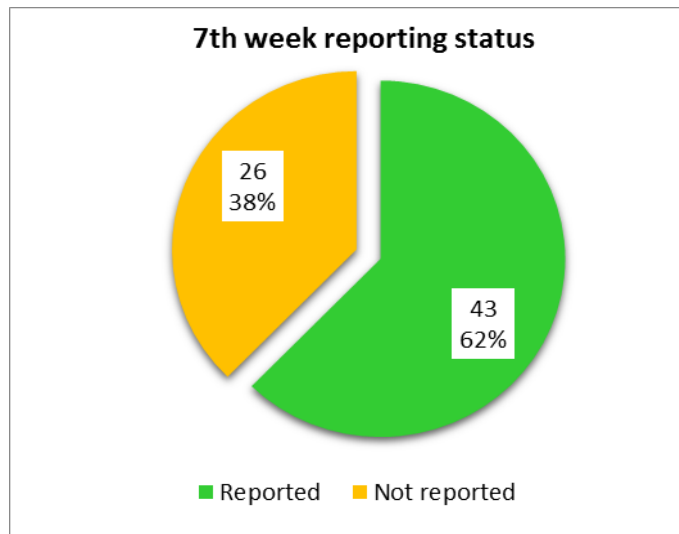
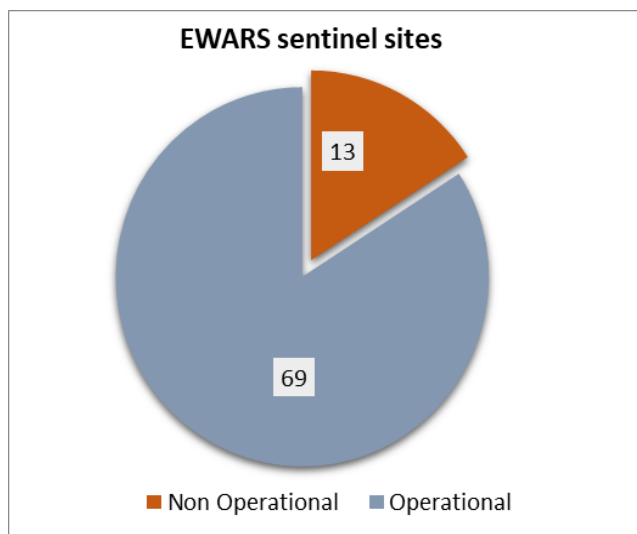
This information system is hospital-based and is currently operational in 69 hospitals (out of 82 sites) throughout Nepal (Figure 1). So far, the EWARS mainly focuses on the **weekly reporting** of number of cases and deaths (including "zero" reports) of six priority diseases/syndromes—Malaria, Kala-azar, Dengue, 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.

EWARS Sentinel Sites



## Reporting Status

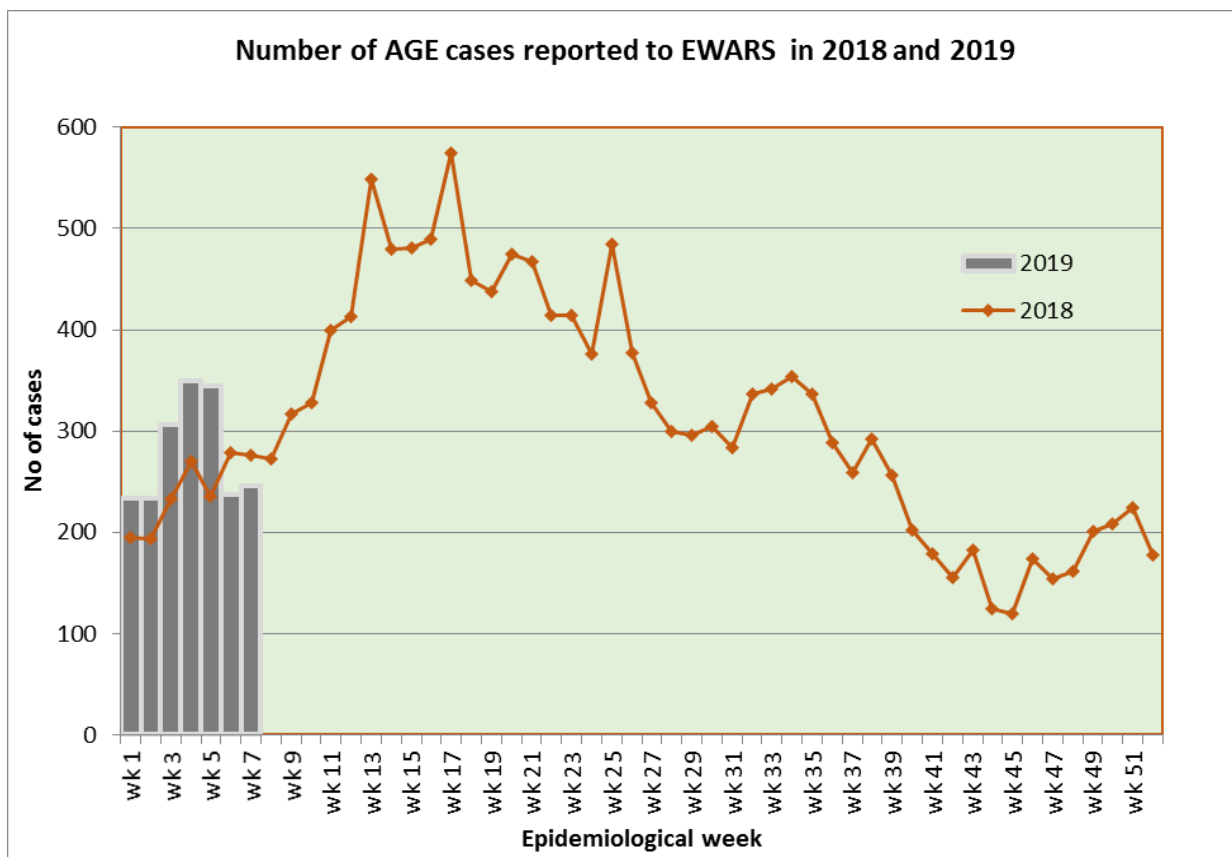
Out of 69 functional EWARS sentinel sites, report was received from 43 sentinel sites (62%) whereas 26 sentinel sites did not report in the 7<sup>th</sup> epidemiological week of 2019. The reporting coverage has slightly decreased compared to the last week.



### 1.1 Acute Gastro-Enteritis and Cholera

247 cases of AGE are reported in the 7<sup>th</sup> epidemiological week of 2019. The majority of these cases are from Kanchanpur (22 cases), Kailali (17 cases), Bhaktapur (16 cases), Achham (14 cases) and Dolakha (14 cases). 276 cases of AGE were reported this week in 2018.

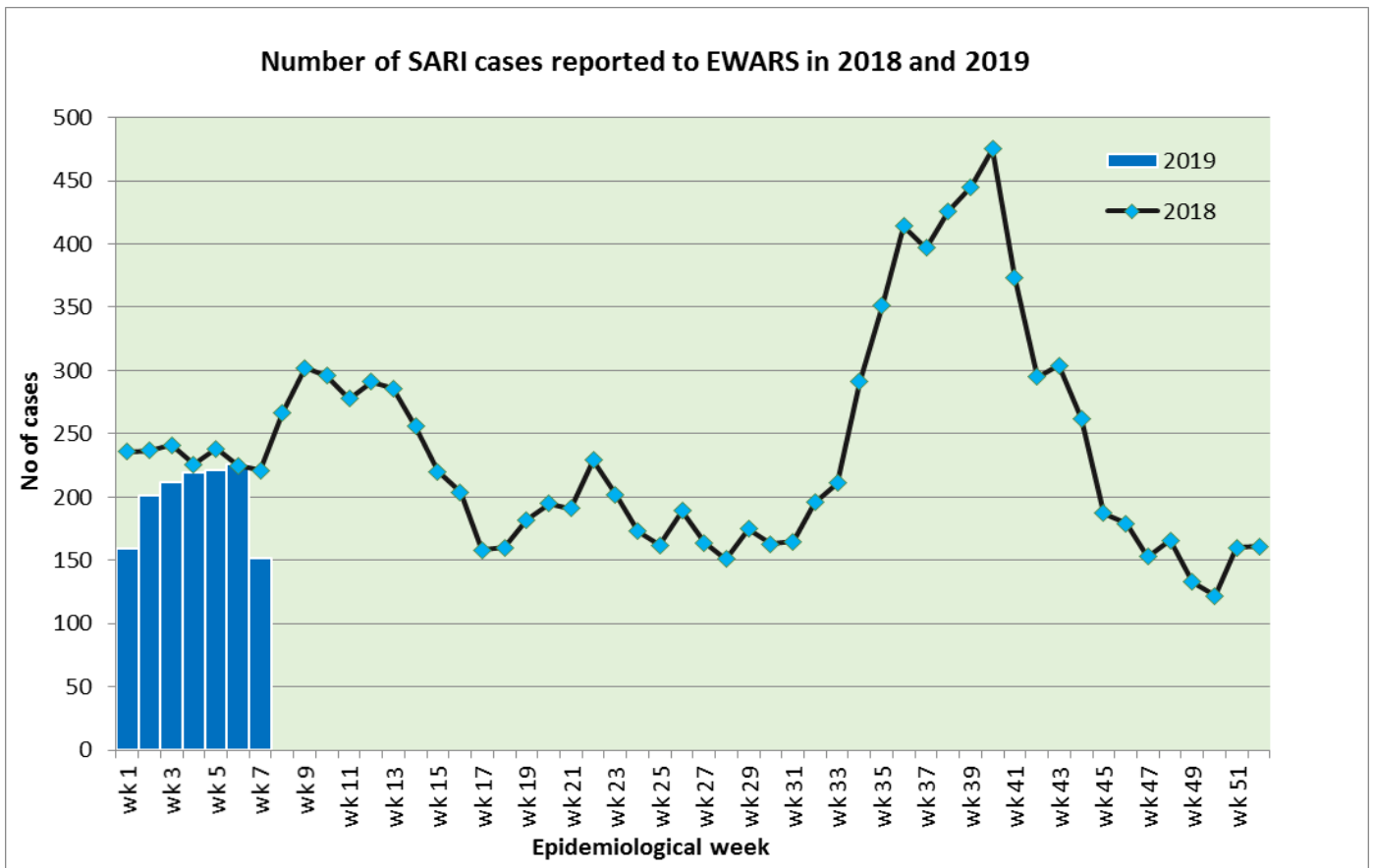
One death from AGE is reported this week from Galyang-8, Syangja.



## 1.2 Severe Acute Respiratory Infection (SARI)

153 cases of SARI are reported in the 7<sup>th</sup> epidemiological week this year. The majority of these cases are from Morang (22 cases), Saptari (17 cases), Lalitpur (12 cases) and Kailali (10 cases). 221 cases of SARI were reported this week in 2018.

Three deaths from SARI are reported this week, one each from from Ilam, Makwanpur and Kathmandu.



## 1.3 Enteric Fever

32 cases of Enteric fever are reported this week. The majority of the cases are from Lamjung (six cases), and three each from Baglung, Dhading and Makwanpur.

## 1.4 Malaria

One case of Malaria is reported this week from Syangja. Similarly, one case of Malaria was reported this week in 2018.

## 1.5 Dengue

No case of Dengue is reported this week. Three cases of Dengue were reported this week in 2018

## 1.6 Kala-azar

Four cases of Kala-azar are reported this week, one each from Bajura, Kanchanpur, Makwanpur and Surkhet. One case of Kala-azar was reported this week in 2018.

## 1.7 Scrub typhus

One case of Scrub typhus is reported this week from Kailali.

## Timeliness and completeness of reporting from sentinel sites:

Code	Sentinel Sites	Timeliness (This Week)	Completeness (%)	Site Code	Sentinel Sites	Timeliness (This Week)	Completeness (%)
101	Mechi ZH, Jhapa	No reporting	86	136	DH, Illam	On time	100
102	Koshi ZH, Morang	On time	100	137	Dhulikhel H., Kavre	On time	71
103	DH, Sunsari	On time	86	138	DH, Solukhumbu	On time	29
104	BPKIHS, Dharan	On time	100	139	DH, Dolpa	No reporting	0
105	DH, Dhankuta	On time	100	140	DH, Humla	No reporting	0
106	SZH, Saptari	On time	100	201	L. Comm DH, Lamjung	On time	100
107	RKUP Lahan, Siraha	On time	100	202	DH, Dhading	On time	100
108	DH, Siraha	On time	86	203	DH, Ramechhap	On time	100
109	JZH, Dhanusha	No reporting	29	204	Bhaktapur Hospital	On time	100
110	DH, Rautahat	No reporting	14	205	Patan Hospital, Lalitpur	On time	100
111	DH, Bara	On time	100	206	DH, Gorkha	No reporting	0
112	NSRH, Parsa	No reporting	0	207	DH Trishuli, Nuwakot	No reporting	0
113	DH, Makwanpur	On time	100	208	Charikot PHCC, Dolakha	On time	100
114	Bharatpur Hospital, Chitwan	No reporting	57	209	Jiri H, Dolakha	No reporting	86
115	Kanti CH, Kathmandu	On time	100	210	DH, Syangja	On time	100
116	STIDH, Kathmandu	On time	100	211	DH, Tanahun	No reporting	0
117	UMH, Palpa	On time	100	212	PAHS/WRH, Kaski	On time	100
118	PCH, Nawalparasi	On time	100	213	DH, Myagdi	On time	100
119	PBH, Kapilbastu	No reporting	86	214	DH, Gulmi	No reporting	86
120	LZH, Rupandehi	No reporting	0	215	DZH, Baglung	On time	100
121	RSRH Dang	On time	100	216	DH, Parbat	On time	71
122	MWRH, Surkhet	On time	100	217	DH, Arghakhanchi	No reporting	86
123	BZH, Banke	On time	100	218	DH, Manang	No reporting	0
124	SZH, Kailali	On time	100	219	DH, Mustang	No reporting	0
125	MZH, Kanchanpur	On time	100	220	DH, Pyuthan	On time	57
126	DH, Doti	On time	86	229	DH, Achham	On time	100
127	DH, Bardiya	On time	100	230	DH, Baitadi	No reporting	86
128	DH, Mahottari	No reporting	0	231	DH, Darchula	On time	100
129	DH, Dadeldhura	On time	100	234	DH, Taplejung	No reporting	0
130	DH, Rasuwa	No reporting	86	235	DH, Panchthar	No reporting	0
131	DH, Sankhuwasabha	No reporting	0	236	DH, Terhathum	No reporting	0
132	AMDA Hosp., Jhapa	On time	100	237	DH, Bhojpur	No reporting	86
133	DH, Chautara	On time	71	238	DH, Khotang	No reporting	0
134	DH, Sarlahi	No reporting	43	301	Bayalpata Hosp., Achham	On time	100
135	DH, Sindhuli	On time	100	302	Tikapur Hospital, Kailali	On time	43
						Excellent (>80)	
						Satisfactory (50-79)	
						Bad (<50)	

**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:** EWARS reporting form (in MS Excel format) is available at EDCD's official website [www.edcd.gov.np](http://www.edcd.gov.np). This bulletin is also available at the website.