

**Early Warning and Reporting System (EWARS)**

# **Weekly Bulletin**

**(9<sup>th</sup> Epidemiological Week)**

**10 March 2019**



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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:** 171 cases of AGE are reported this week. The majority of these cases are from Kanchanpur (21 cases), Saptari (19 cases), Dolakha (9 cases) and Lalitpur (9 cases).

**SARI:** 213 cases of SARI are reported this week. The majority of these cases are from Lalitpur (22 cases), Kathmandu (20 cases), Morang (19 cases), Saptari (18 cases), and Dhading (12 cases). One death from SARI is reported this week by Patan Hospital, Lalitpur and the case was from Nakkhu, Lalitpur.

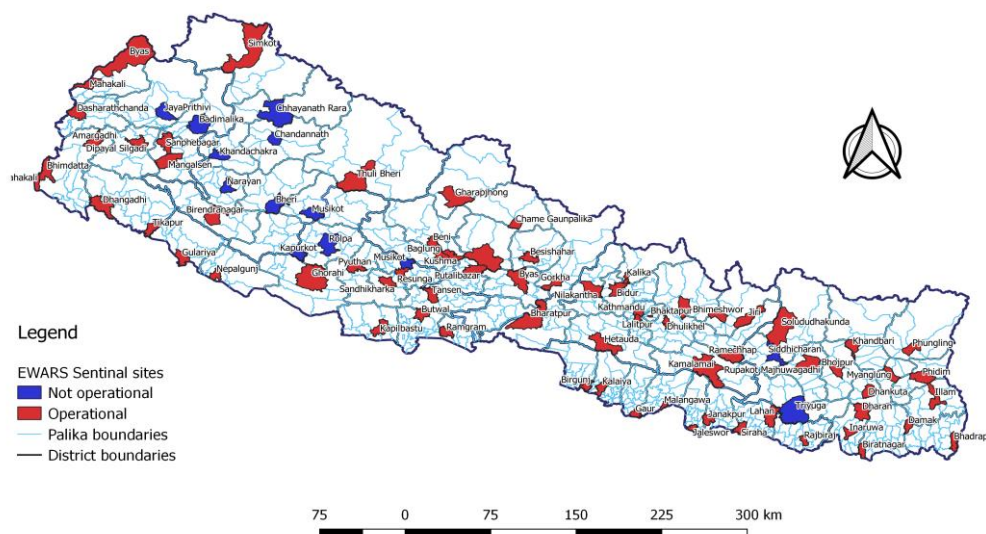
**Malaria:** One case of Malaria is reported this week by BPKIHS, Dharan and the case was from Letang-7, Morang.

**Kala-azar:** Three cases of Kala-azar are reported this week, one each from Dolpa, Bajura and Dadeldhura.

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.

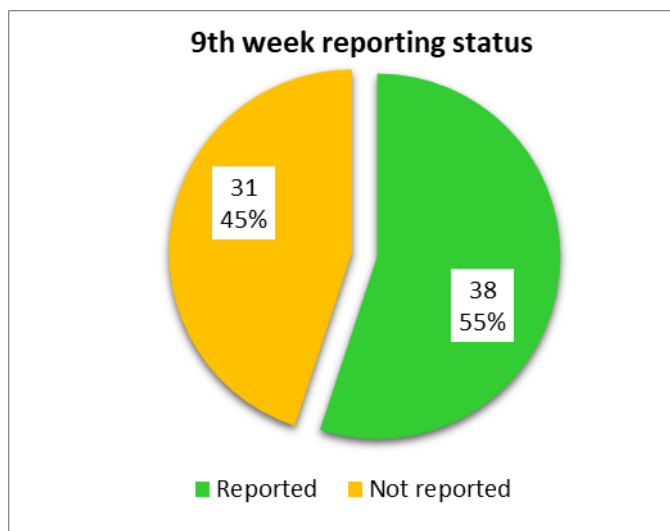
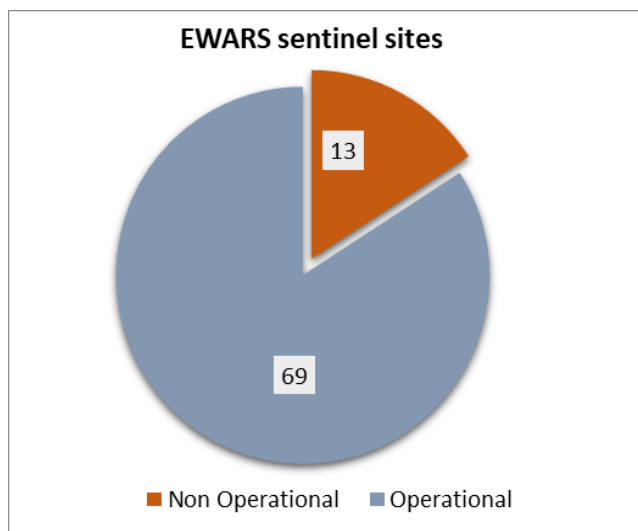
This information system is hospital-based and is currently operational in 69 hospitals (out of 82 sites) throughout Nepal (Figure 1). So far, the EWARS mainly focuses on the **weekly reporting** of number of cases and deaths (including "zero" reports) of six priority diseases/syndromes—Malaria, Kala-azar,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



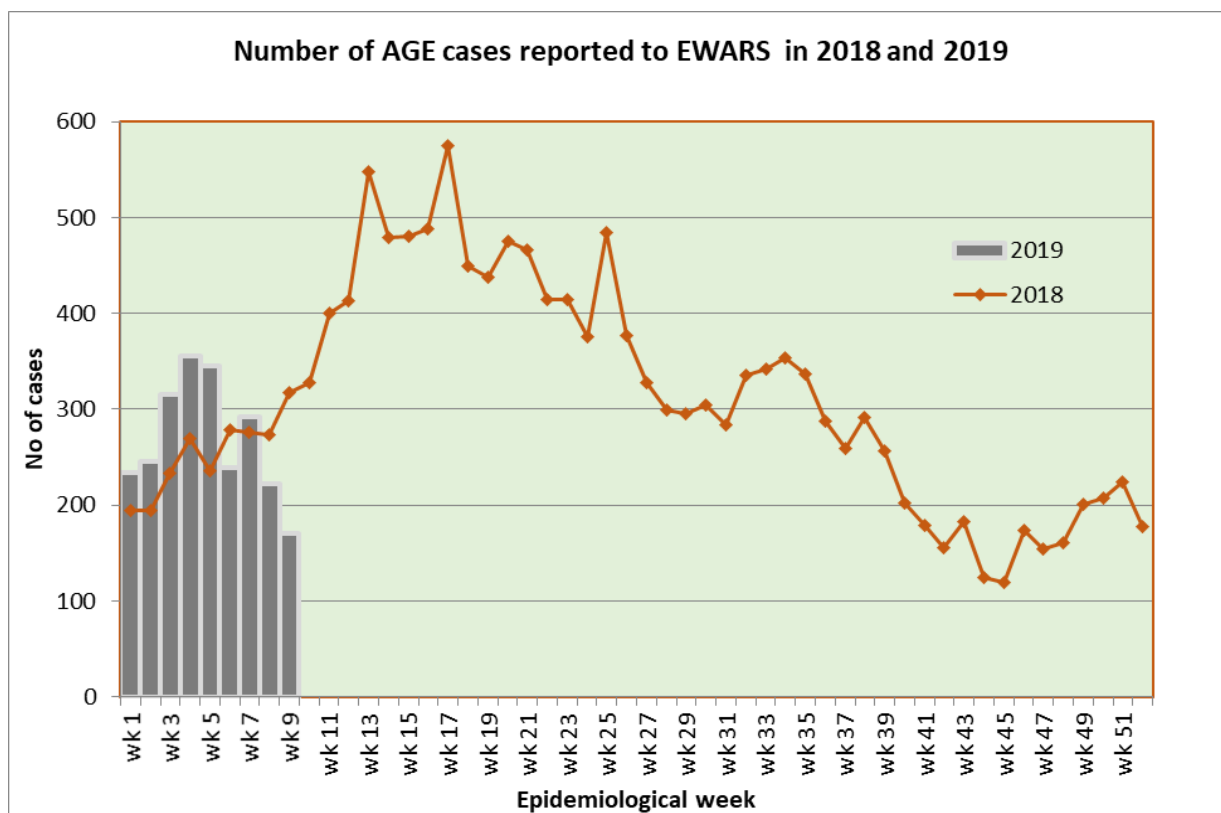
## Reporting Status

Out of 69 functional EWARS sentinel sites, report was received from 38 sentinel sites (55%) whereas 31 sentinel sites did not report in the 9<sup>th</sup> epidemiological week of 2019. The reporting coverage is same as the last week.



### 1.1 Acute Gastro-Enteritis and Cholera

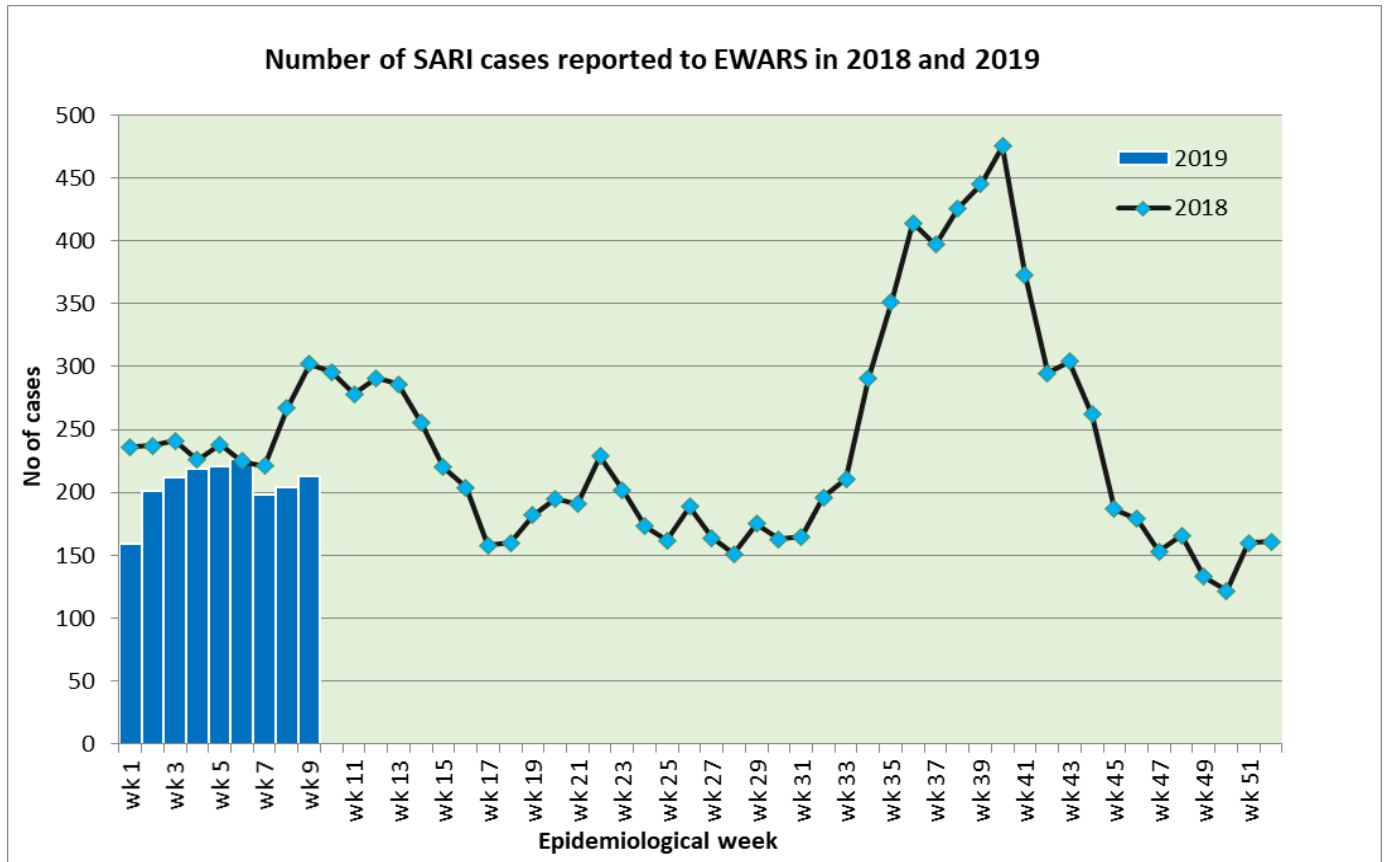
171 cases of AGE are reported in the 9<sup>th</sup> epidemiological week this year. The majority of these cases are from Kanchanpur (21 cases), Saptari (19 cases), Dolakha (9 cases) and Lalitpur (9 cases). 222 cases of AGE were reported this week in 2018.



## 1.2 Severe Acute Respiratory Infection (SARI)

213 cases of SARI are reported in the 9<sup>th</sup> epidemiological week this year. The majority of these cases are from Lalitpur (22 cases), Kathmandu (20 cases), Morang (19 cases), Saptari (18 cases), and Dhading (12 cases). 204 cases of SARI were reported this week in 2018.

One death from SARI is reported this week by Patan Hospital, Lalitpur and the case was from Nakkhu, Lalitpur.



## 1.3 Enteric Fever

34 cases of Enteric fever are reported this week. The majority of the cases are from Morang (5 cases), Lamjung (4 cases), and 3 each from Dhading, Kaski and Sindhuli.

## 1.4 Malaria

One case of Malaria is reported this week by BPKIHS, Dharan and the case was from Letang-7, Morang. Two cases of Malaria were reported this week in 2018.

## 1.5 Dengue

No case of Dengue is reported this week. One case of Dengue was reported this week in 2018

## 1.6 Kala-azar

Three cases of Kala-azar are reported this week, one each from Dolpa, Bajura and Dadeldhura. Two cases of Kala-azar were reported this week in 2018.

## 1.7 Scrub typhus

Four cases of Scrub typhus are reported this week, two from Palpa and one each from Kathmandu and Parbat.

## 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	56	136	DH, Illam	On time	100
102	Koshi ZH, Morang	On time	100	137	Dhulikhel H., Kavre	On time	100
103	DH, Sunsari	On time	89	138	DH, Solukhumbu	On time	44
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	No reporting	89	202	DH, Dhading	On time	100
108	DH, Siraha	No reporting	78	203	DH, Ramechhap	On time	100
109	JZH, Dhanusha	No reporting	22	204	Bhaktapur Hospital	On time	100
110	DH, Rautahat	No reporting	11	205	Patan Hospital, Lalitpur	On time	100
111	DH, Bara	No reporting	78	206	DH, Gorkha	No reporting	0
112	NSRH, Parsa	No reporting	0	207	DH Trishuli, Nuwakot	No reporting	0
113	DH, Makwanpur	No reporting	78	208	Charikot PHCC, Dolakha	On time	89
114	Bharatpur Hospital, Chitwan	On time	100	209	Jiri H, Dolakha	On time	100
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	No reporting	89
119	PBH, Kapilbastu	No reporting	89	214	DH, Gulmi	On time	89
120	LZH, Rupandehi	No reporting	0	215	DZH, Baglung	No reporting	89
121	RSRH Dang	On time	100	216	DH, Parbat	No reporting	56
122	MWRH, Surkhet	No reporting	78	217	DH, Arghakhanchi	On time	100
123	BZH, Banke	On time	100	218	DH, Manang	No reporting	0
124	SZH, Kailali	On time	100	219	DH, Mustang	No reporting	11
125	MZH, Kanchanpur	On time	100	220	DH, Pyuthan	No reporting	67
126	DH, Doti	On time	100	229	DH, Achham	No reporting	89
127	DH, Bardiya	On time	100	230	DH, Baitadi	No reporting	67
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	On time	100	235	DH, Panchthar	No reporting	11
131	DH, Sankhuwasabha	No reporting	0	236	DH, Terhathum	No reporting	0
132	AMDA Hosp., Jhapa	On time	100	237	DH, Bhojpur	On time	100
133	DH, Chautara	On time	100	238	DH, Khotang	No reporting	0
134	DH, Sarlahi	No reporting	33	301	Bayalpata Hosp., Achham	On time	100
135	DH, Sindhuli	On time	100	302	Tikapur Hospital, Kailali	No reporting	44
						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.