

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

# **Weekly Bulletin**

**(3<sup>rd</sup> Epidemiological Week)**

**28 January 2018**



**Government of Nepal  
Ministry of Health  
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 Reporting System (EWARS). It includes data since January 2018 till date, including comparison of same period during last year.

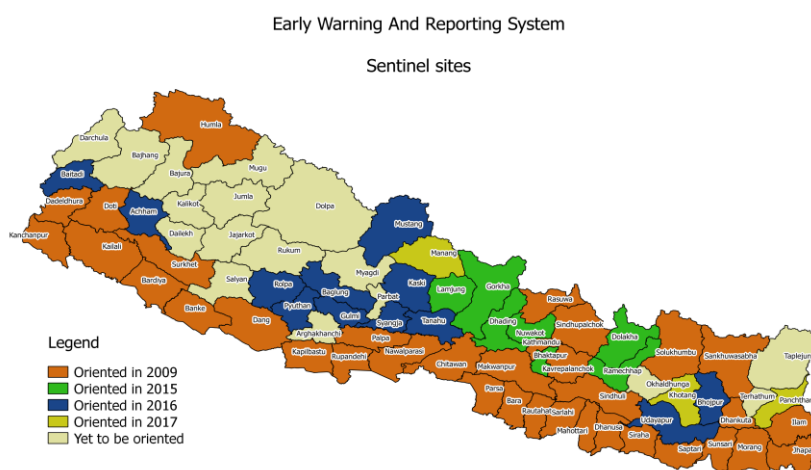
## Section 1: The Early Warning and Reporting System (EWARS)

### Highlights

- **Kala-azar:** Three cases of Kala-azar are reported this week, one from Koshi Zonal Hospital, Morang and two from Sukraraj Tropical and Infectious disease hospital, Teku. The cases are from Morang, Bajura and Rautahat district.
- **Scrub typhus:** Three cases of Scrub typhus are reported this week, one each from Sukraraj Tropical and Infectious Disease Hospital, Teku, United Mission Hospital, Palpa and Kanti Children Hospital, Kathmandu.
- **Dengue:** No case of Dengue is reported this week
- **Malaria:** No case of Malaria is reported this week

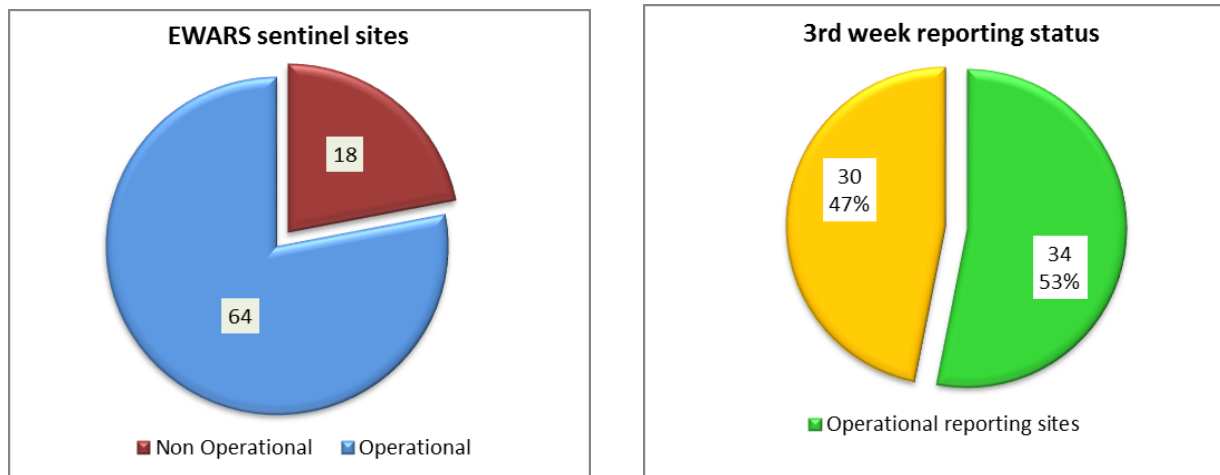
The EWARS was established in 1997 to strengthen the flow of information on vector-borne and other outbreak prone infectious diseases from the district to Epidemiology and Disease Control Division (EDCD) and Vector-Borne Disease Research and Training Center (VBDRTC), Hetauda. Rapid Response Teams (RRTs) 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 64 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.



## Reporting Status

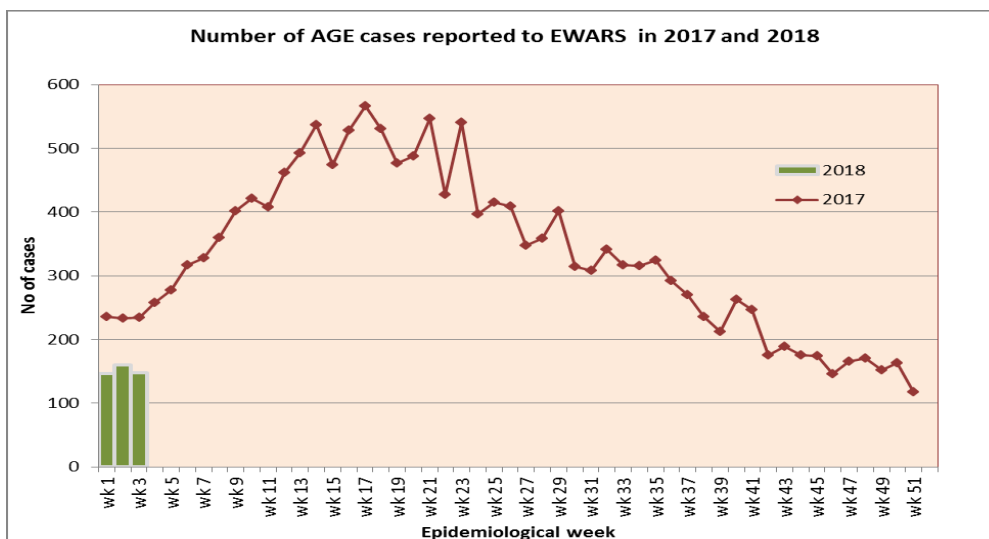
Out of 64 functional EWARS sentinel sites, report was received from 34 sentinel sites (53 percent) whereas 30 sentinel sites did not report in 3<sup>rd</sup> Epidemiological week of 2018. The reporting coverage is same as compared to previous week.



### 1.1 Acute Gastro-Enteritis and Cholera

148 cases of AGE are reported in 3<sup>rd</sup> epidemiological week of 2018. Among 148 cases, the majority of cases are from Kathmandu (16 cases), Illam (12 cases), Achham (10 cases), Dhanusha (9 cases), Morang (8 cases), Dolakha (8 cases), Sindupalchok (7 cases), Bara (6 cases) and Jhapa (6 cases) district. The number of AGE cases reported in 3<sup>rd</sup> week this year did not exceed the number of AGE cases reported in the same week last year (235 cases).

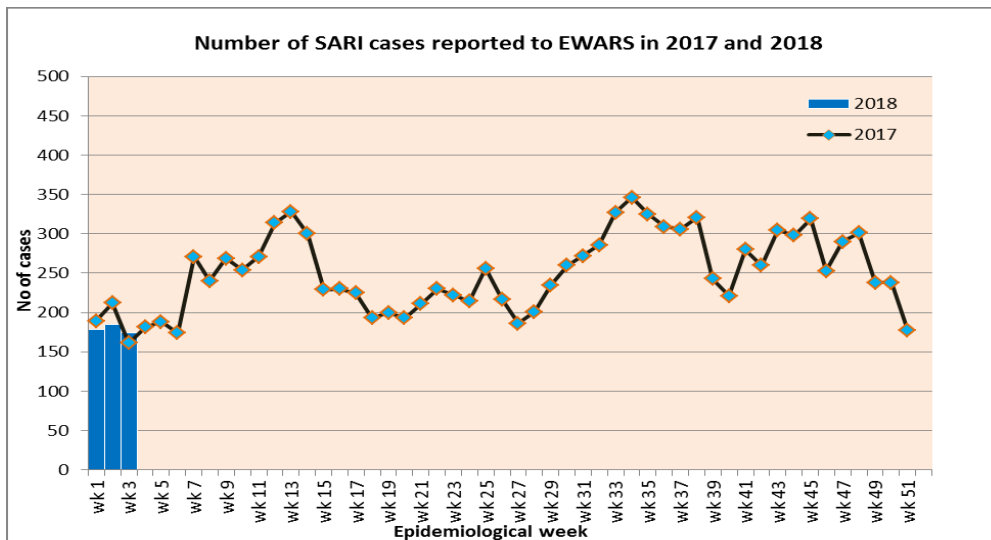
No death from AGE is reported so far this year. Twenty deaths from AGE were reported in 2017.



## 1.2 Severe Acute Respiratory Infection (SARI)

174 cases of SARI are reported in 3<sup>rd</sup> epidemiological week of 2018. The cases of SARI reported this week exceed the number reported in the same week last year (161 cases). Among 174 cases, the majority of cases are from Jhapa (23 cases), Morang (23 cases), Rupandehi (19 cases), Palpa (8 cases), Gulmi (7 cases), Kanchanpur (7 cases), Nawalparasi (6 cases), Chitwan (5 cases), Gorkha (5 cases) and Sunsari (5 cases) district.

No death is reported this week. Three deaths from SARI are reported so far this year. Eighty two deaths from SARI were reported in 2017.



## 1.3 Enteric Fever

9 cases of Enteric fever are reported this week, 3 from Kathmandu, 2 from Lamjung, one each from Sindhuli, Baglung, Chitwan and Bardiya district. Three deaths from Enteric Fever were reported in 2017.

## 1.4 Malaria

No case of Malaria is reported so far this year. Ninety one cases of Malaria are reported through EWARS in 2017.

## 1.5 Dengue

No case of Dengue is reported this week. Two cases of Dengue are reported so far this year. 1201 cases of dengue are reported through EWARS in 2017.

## 1.6 Kala-azar

Three cases of Kala-azar are reported this week, one from Koshi Zonal Hospital, Morang and two from Sukraraj Tropical and Infectious disease hospital, Teku. The cases are from Morang, Bajura and Rautahat district. Ten cases of Kala azar are reported so far this year.

Two hundred twelve cases of Kala-azar were reported through EWARS in 2017.

## 1.7 Scrub Typhus

Three cases of Scrub typhus are reported this week, one each from Sukraraj Tropical and Infectious Disease Hospital, Teku, United Mission Hospital, Palpa and Kanti Children Hospital, Kathmandu. 451 cases of Scrub Typhus were reported through EWARS in 2017.

## Timeliness & completeness of reporting from sentinel sites:

Site Code	Sentinel Sites	Timeliness (This Week)	Completeness (%)	Site Code	Sentinel Sites	Timeliness (This Week)	Completeness (%)						
101	Mechi ZH, Jhapa	On Time	100	135	DH, Sindhuli	No Reporting	0						
102	Koshi ZH, Morang	On Time	100	136	DH, Illam	On Time	100						
103	DH, Sunsari	On Time	100	137	Dhulikhel H., Kavre	On Time	100						
104	BPKIHS, Dharan	On Time	100	138	DH, Solukhumbu	No Reporting	0						
105	DH, Dhankuta	On Time	100	139	DH, Dolpa	No Reporting	0						
106	SZH, Saptari	No Reporting	0	140	DH, Humla	No Reporting	0						
107	RKUP Lahan, Siraha	On Time	0	201	L. Comm DH, Lamjung	On Time	100						
108	DH, Siraha	No Reporting	0	202	DH, Dhading	No Reporting	0						
109	JZH, Dhanusha	On Time	100	203	DH, Ramechhap	On Time	100						
110	DH, Rautahat	No Reporting	0	204	Bhaktapur Hospital	No Reporting	0						
111	DH, Bara	On Time	100	205	Patan Hospital, Lalitpur	On Time	100						
112	NSRH, Parsa	No Reporting	0	206	DH, Gorkha	On Time	100						
113	DH, Makawanpur	On Time	100	207	DH Trishuli, Nuwakot	No Reporting	0						
114	NZH, Chitwan	On Time	100	208	Charikot PHCC, Dolakha	On Time	100						
115	Kanti CH, Kathmandu	On Time	100	209	Jiri H, Dolakha	On Time	100						
116	STIDH, Kathmandu	On Time	100	210	DH, Syangja	No Reporting	30						
117	UMH, Palpa	On Time	100	211	DH, Tanahun	No Reporting	0						
118	PCH, Nawalparasi	On Time	100	212	WRH, Kaski	No Reporting	0						
119	PBH, Kapilbastu	On Time	100	214	DH, Gulmi	No Reporting	0						
120	LZH, Rupandehi	On Time	100	215	DZH, Baglung	On Time	100						
121	RSRH Dang	On Time	100	218	DH, Manang	No Reporting	0						
122	MWRH, Surkhet	On Time	100	219	DH, Mustang	No Reporting	0						
123	BZH, Banke	No Reporting	0	220	DH, Pyuthan	No Reporting	0						
124	SZH, Kailali	No Reporting	0	221	DH, Rolpa	No Reporting	0						
125	MZH, Kanchanpur	On Time	100	229	DH, Achham	No Reporting	0						
126	DH, Doti	No Reporting	30	230	DH, Baitadi	No Reporting	0						
127	DH, Bardiya	On Time	100	235	DH, Panchthar	No Reporting	0						
128	DH, Mahottari	No Reporting	0	237	DH, Bhojpur	No Reporting	0						
129	DH, Dadeldhura	No Reporting	0	238	DH, Khotang	No Reporting	0						
130	DH, Rasuwa	No Reporting	0	240	DH, Udayapur	No Reporting	0						
131	DH, Sankhuwasabha	On Time	100	301	Bayalpata Hosp., Achham	On Time	100						
132	AMDA Hosp., Jhapa	On Time	100										
133	DH, Chautara	On Time	100										
134	DH, Sarlahi	On Time	100										
				<table border="1"> <tr><td></td><td>Excellent (&gt;80)</td></tr> <tr><td></td><td>Satisfactory (50-79)</td></tr> <tr><td></td><td>Bad(&lt;50)</td></tr> </table>					Excellent (>80)		Satisfactory (50-79)		Bad(<50)
	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 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.