

Early Warning and Reporting System (EWARS)  
**Weekly Bulletin**  
(20<sup>th</sup> Epidemiological Week)  
**28 May 2017**



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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.

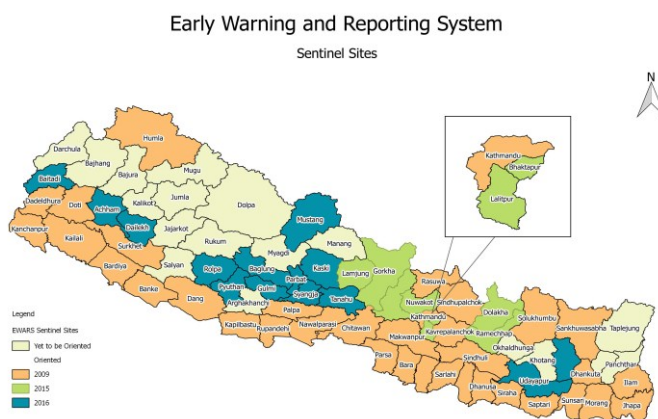
## Section 1: The Early Warning and Reporting System (EWARS)

### Highlights

- **Diarrhoea outbreak:** 177 cases of Diarrhoea were reported from Ramechhap Municipality ward No 8 (Lama tole, Tamang Tole and Manedanda) since 19<sup>th</sup> May, 2017. No deaths. The Situation is under control. The cases are in decreasing trend. No *Vibrio Cholerae/Shigella* or *Salmonella* isolated from the stool samples collected.
- **Food Poisoning:** 89 people consuming food from a feast from Kumpur VDC ward no 7, Adamtar village on 25<sup>th</sup> May suffered from diarrhea and vomiting. 54 cases having the similar sign and symptoms visited ST&IDH, Teku for the further treatment. The situation is under control.
- **Kala-azar:** Two cases of Kala-azar are reported this week, one each from BPKIHS, Dharan and Lumbini Zonal Hospital, Rupandehi and cases are from Saptari and Pyuthan district respectively.
- **SARI:** Four deaths from SARI are reported this week from Kanti Children Hospital, Kathmandu and the deceased were from Kathmandu, Gorkha, Sindhuli and Nuwakot district.
- **AGE:** Two deaths from AGE are reported this week, one each from Koshi Zonal Hospital, Morang and Narayani Sub Regional Hospital, Parsa and the deceased were from Morang and Parsa district respectively.
- No case of Malaria and Dengue are reported this week.

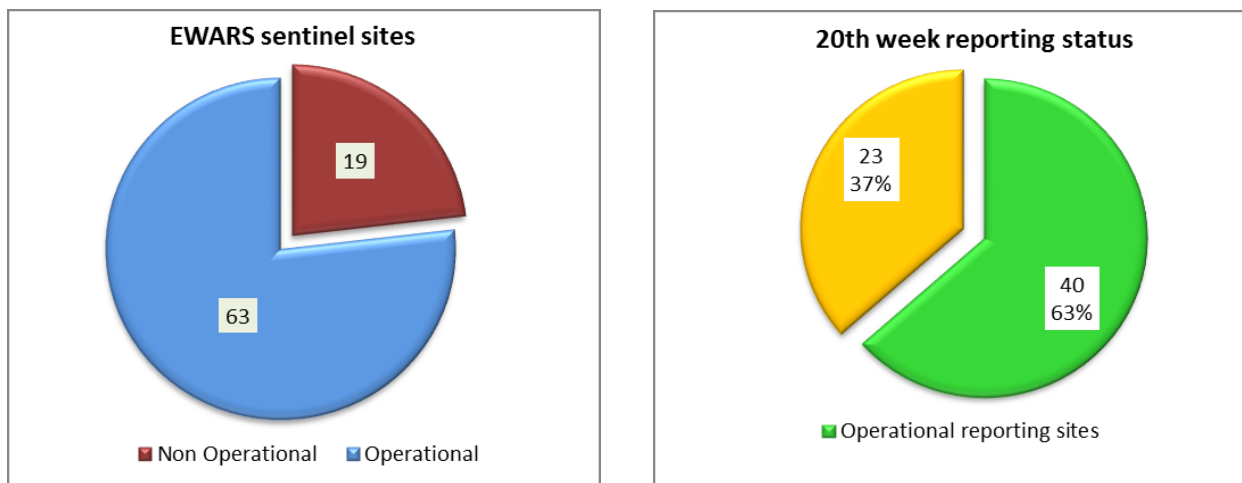
The EWARS was established in 1997 to strengthen the flow of information on vector-borne and other outbreak prone infectious diseases from the district to Epidemiology and Disease Control Division (EDCD) and Vector-Borne Disease Research and Training Center (VBDRTC), Hetauda. Rapid Response Teams (RRTs) 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 63 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

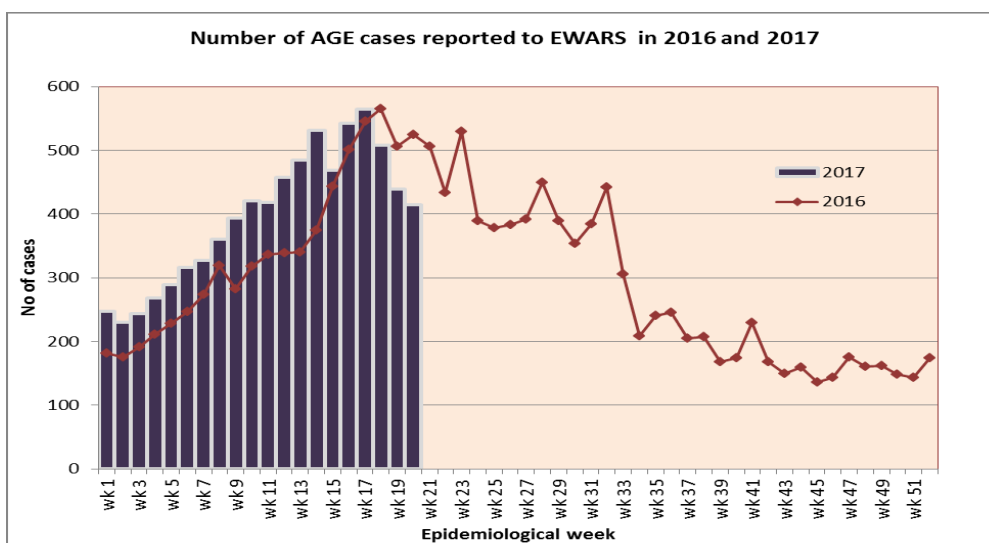
Out of 63 functional EWARS sentinel sites, report was received from 40 sentinel sites (63 percent) whereas 23 sentinel sites did not report in 20<sup>th</sup> Epidemiological week of 2017. The reporting coverage is increased as compared to the previous week.



### 1.1 Acute Gastro-Enteritis and Cholera

415 cases of AGE are reported in 20<sup>th</sup> epidemiological week of 2017. Among 415 cases, the majority of cases are from Kanchanpur (42 cases), Parsa (35 cases), Dolakha (35 cases), Kapilbastu (31 cases), Achham (28 cases), Ramechhap (25 cases), Bara (22 cases), Kathmandu (20 cases) and Pyuthan (18 cases) district. The number of AGE cases reported in 20<sup>th</sup> week this year did not exceed the number of AGE cases reported in the same week last year (524 cases).

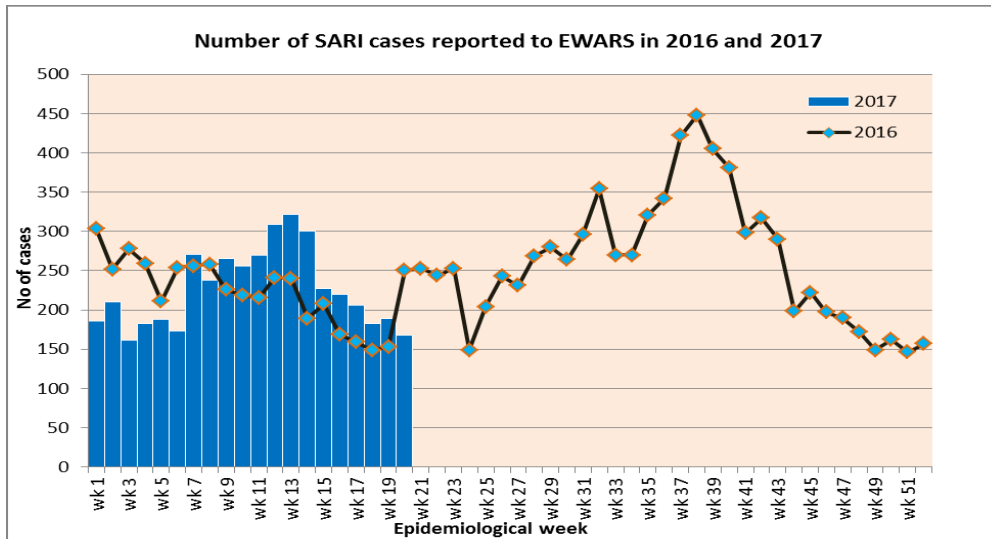
Two deaths from AGE are reported this week, one each from Koshi Zonal Hospital, Morang and Narayani Sub Regional Hospital, Parsa and the deceased were from Morang and Parsa district respectively. Nine deaths from AGE are reported so far this year. Thirteen deaths from AGE were reported in 2016.



## 1.2 Severe Acute Respiratory Infection (SARI)

168 cases of SARI are reported in 20<sup>th</sup> epidemiological week of 2017. The cases of SARI reported this week did not exceed the number reported in the same week last year (250 cases). Among 168 cases, the majority of cases are from Jhapa (24 cases), Morang (22 cases), Rupandehi (14 cases), Parsa (12 cases), Lalitpur (10 cases), Bara (9 cases), Panchthar (7 cases) and Gulmi (6 cases) district.

Four deaths from SARI are reported this week from Kanti Children Hospital, Kathmandu and the deceased were from Kathmandu, Gorkha, Sindhuli and Nuwakot district. Thirty four deaths from SARI are reported so far this year. Seventy deaths from SARI were reported in 2016.



## 1.3 Enteric Fever

46 cases of Enteric fever are reported this week, including 8 from Nawalparasi, 7 from Siraha, 4 from Dolakha and 3 from Sindhupalchok district. One death from Enteric Fever is reported so far this year.

## 1.4 Malaria

No case of Malaria is reported this week. Twelve cases of malaria are reported so far this year. Eighty three cases of Malaria were reported through EWARS in 2016.

## 1.5 Dengue

No case of Dengue is reported this week. Four cases of Dengue are reported so far this year.

## 1.6 Kala-azar

Two cases of Kala-azar are reported this week, one each from BPKIHS, Dharan and Lumbini Zonal Hospital, Rupandehi and cases are from Saptari and Pyuthan district respectively.

One hundred fifteen cases of Kala-azar cases are reported so far this year. 150 cases of Kala-azar were reported through EWARS in 2016.

## 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	70
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	94
104	BPKIHS, Dharan	On Time	100	138	DH, Solukhumbu	No reporting	65
105	DH, Dhankuta	On Time	100	139	DH, Dolpa	No Reporting	0
106	SZH, Saptari	No Reporting	50	140	DH, Humla	No Reporting	0
107	RKUP Lahan, Siraha	On Time	100	201	L. Comm DH, Lamjung	On Time	100
108	DH, Siraha	No reporting	95	202	DH, Dhading	No Reporting	0
109	JZH, Dhanusha	On Time	100	203	DH, Ramechhap	On Time	100
110	DH, Rautahat	No Reporting	95	204	Bhaktapur Hospital	No Reporting	0
111	DH, Bara	On Time	100	205	Patan Hospital, Lalitpur	On Time	100
112	NSRH, Parsa	On Time	100	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	STH, Kathmandu	On Time	100	210	DH, Syangja	No Reporting	0
117	UMH, Palpa	On Time	100	211	DH, Tanahun	No reporting	85
118	PCH, Nawalparasi	On Time	100	212	WRH, Kaski	On Time	100
119	PBH, Kapilvastu	On Time	100	214	DH, Gulmi	On Time	100
120	LZH, Rupandehi	On Time	100	215	DZH, Baglung	No reporting	90
121	RSRH Dang	On Time	100	219	DH, Mustang	No Reporting	25
122	MWRH, Surkhet	On Time	100	220	DH, Pyuthan	On Time	100
123	BZH, Banke	No reporting	80	221	DH, Rolpa	No Reporting	5
124	SZH, Kailali	No Reporting	0	229	DH, Achham	On Time	100
125	MZH, Kanchanpur	On Time	100	230	DH, Baitadi	On Time	100
126	DH, Doti	On Time	100	235	DH, Panchthar	On Time	84
127	DH, Bardiya	No Reporting	95	237	DH, Bhojpur	No Reporting	70
128	DH, Mahottari	No Reporting	95	238	DH, Khotang	No Reporting	35
129	DH, Dadeldhura	No Reporting	0	240	DH, Udayapur	No Reporting	0
130	DH, Rasuwa	On Time	30	301	Bayalpata Hosp., Achham	On Time	100
131	DH, Sankhuwasabha	On Time	90				
132	AMDA Hosp., Jhapa	On Time	100			<b>Excellent (&gt;80)</b>	
133	DH, Chautara	No Reporting	95			<b>Satisfactory (50-79)</b>	
134	DH, Sarlahi	On Time	100			<b>Bad(&lt;50)</b>	

## 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 NHSSP, WHO for preparation of this bulletin.

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