

Early Warning and Reporting System (EWARS)

Weekly Bulletin

(22nd Epidemiological Week)

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This bulletin includes the updates from the Early Warning Reporting System (EWARS). It includes data since January 2015 till date, including comparison of same period during last year.

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

Highlights
<ul style="list-style-type: none"> • One case of Kala-azar is reported this week from District Hospital, Siraha and the cases is from Siraha Municipality. • No case of Dengue and Malaria is reported this week. • The number of AGE cases is in decreasing order. However, last year the Cholera outbreak occurred on August, so it is important to remain alert for new outbreak.

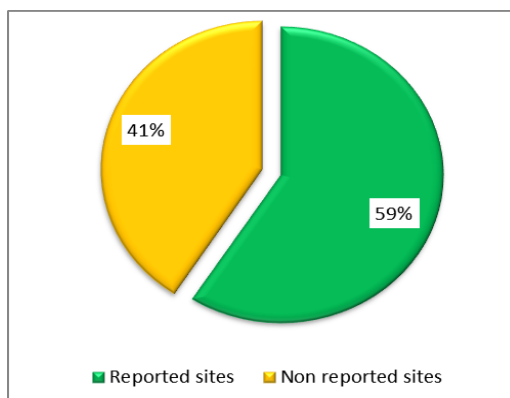
The EWARS was established in 1997 to strengthen the flow of information on vector-borne and other outbreak prone infectious diseases from the district to Epidemiology and Disease Control Division (EDCD) and Vector-Borne Disease Research and Training Center (VBDRTC), Hetauda. Rapid Response Teams (RRTs) can be mobilized at short notice to facilitate prompt outbreak response at Central, Regional and District level. They can also support local level health institutions for investigation and outbreak control activities.

This information system is hospital-based and is currently operational in 49 hospitals (out of 81 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

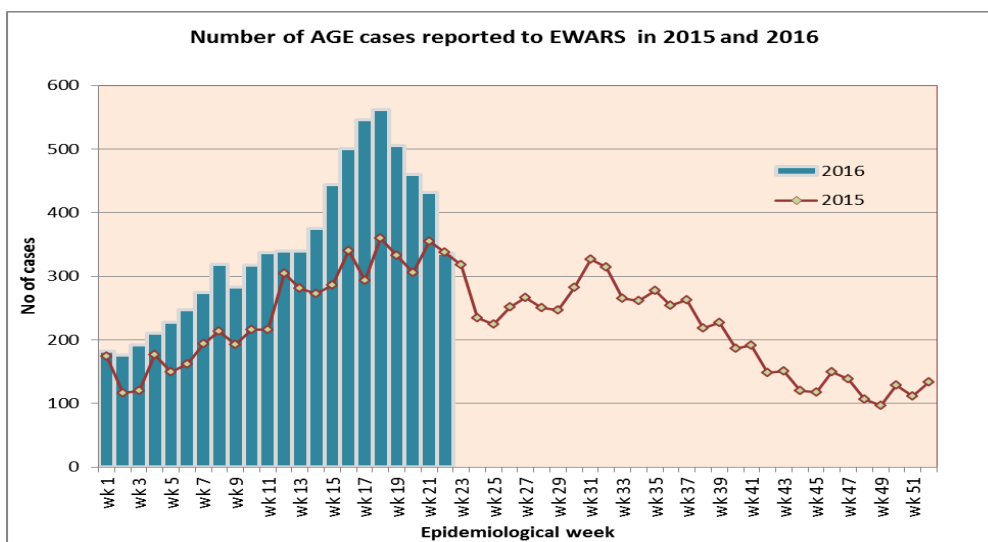
Out of 49 functional EWARS sentinel sites, report was received from 29 sentinel sites (59 percent) whereas 20 sentinel sites did not report in 22nd Epidemiological week. The reporting coverage is declined as compared to the previous week.



1.1 Acute Gastro-Enteritis and Cholera

336 cases of AGE are reported in 22nd epidemiological week of 2016. Among 336 cases, the majority of cases are from Dhading (39 cases), Dolakha (31 cases), Kanchanpur (30 cases), Gorkha (22 cases), Kathmandu (17 cases) and Lamjung (15 cases) district. The number of AGE cases reported in 22nd week this year is same as the number of AGE cases reported in the same week last year (338 cases). No death from AGE is reported this week. Five deaths from AGE are reported so far this year.

Cholera: No cholera cases are reported through the EWARS system this year. Last year, the Cholera outbreak occurred on August, so it is important to remain alert for new outbreak.

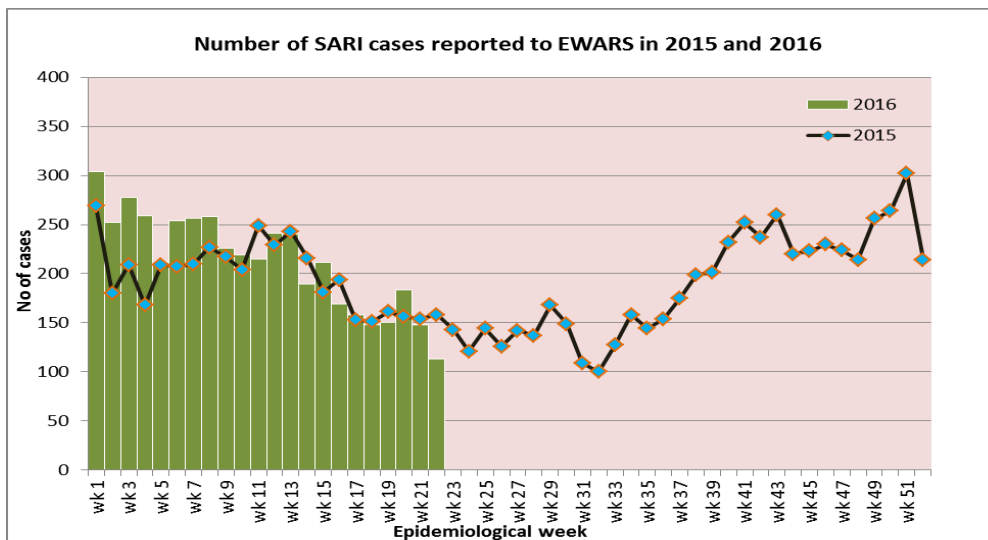


1.2 Severe Acute Respiratory Infection (SARI)

113 cases of SARI are reported in 22nd epidemiological week of 2016. The cases of SARI reported this week did not exceed the number reported in the same week last year (158 cases). Among 113 cases, the majority of cases are

from Rupandehi (19 cases), Morang (14 cases), Lalitpur (9 cases), Arghakhanchi (7 cases), Kathmandu (6 cases), Gulmi (6 cases) and Makwanpur (6 cases) district.

No death from SARI is reported this week. Thirty three deaths from SARI are reported so far this year.



1.3 Enteric Fever

65 cases of enteric fever are reported this week including 14 from Lamjung, 12 from Nawalparasi, 7 from Dolakha, 6 from Morang, 5 from Saptari and 4 from Baglung. The number of cases of enteric fever was peaked in week 37 in 2015 (71 cases).

1.4 Malaria

No Malaria case is reported this week. Only nine cases of malaria are reported so far this year. Ninety cases of Malaria were reported through EWARS in 2015.

1.5 Dengue

No case of Dengue is reported this week. Only one case of dengue is reported so far this year. Fifty-eight cases of Dengue were reported through EWARS in 2015.

1.6 Kala-azar

One case of Kala-azar is reported this week from District Hospital, Siraha and the cases is from Siraha Municipality. Seventy one confirmed cases of Kala-azar are reported so far this year. 135 cases were reported through EWARS in 2015.

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 and NHSSP for preparation of this bulletin.

Timeliness & completeness of reporting from sentinel sites:

Site Code	Sentinel Sites	Timeliness (%)	Completeness (%)	Site code	Sentinel Sites	Timeliness (%)	Completeness (%)
101	Mechi ZH, Jhapa	90	95	127	DH, Bardiya	84	100
102	Koshi ZH, Morang	98	100	128	DH, Mahottari	88	95
103	DH, Sunsari	100	100	129	DH, Dadedhura	0	0
104	BPKIHS, Dharan	88	100	130	DH, Rasuwa	82	100
105	DH, Dhankuta	92	86	131	DH, Sankhuwasabha	0	0
106	SZH, Saptari	98	100	132	AMDA Hosp., Jhapa	100	100
107	RKUP, Lahan, Siraha	92	100	133	DH, Chautara	100	100
108	DH, Siraha	100	100	134	DH, Sarlahi	70	95
109	JZH, Dhanusha	2	100	135	DH, Sindhuli	72	54
110	DH, Rautahat	80	95	136	DH, Illam	92	95
111	DH, Bara	0	0	137	Dhulikhel H., Kavre	96	100
112	NSRH, Parsa	74	86	138	DH, Solukhumbu	6	95
113	DH, Makawanpur	86	100	139	DH, Dolpa	0	0
114	NZH, Chitwan	70	68	140	DH, Humla	0	0
115	Kanti CH, Kathmandu	72	86	201	Lamjung Comm DH, Lamjung	88	100
116	STH, Kathmandu	98	100	202	DH, Dhading	98	95
117	UMH, Palpa	96	100	203	DH, Ramechhap	98	100
118	PCH, Nawalparasi	94	100	204	Bhaktapur Hospital	0	0
119	PBH, Kapilvastu	98	100	205	Patan Hospital, Lalitpur	18	68
120	LZH, Rupandehi	100	100	206	DH, Gorkha	4	13
121	RSRH Dang	6	100	207	DH Trishuli, Nuwakot	4	9
122	MWRH, Surkhet	94	95	208	Charikot PHCC, Dholakha	14	80
123	BZH, Banke	0	0	209	Jiri H, Dolakha	74	63
124	SZH, Kailali	74	50	211	DH, Tanahun	88	85
125	MZH, Kanchanpur	98	100	215	DZH, Baglung	12	27
126	DH, Doti	88	95				

■	Excellent (>80)
■	Satisfactory (50-79)
■	Bad (<50)

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