

Early Warning and Reporting System (EWARS)

Weekly Bulletin

(51st Epidemiological Week)

30 December 2018



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This bulletin includes the updates from the Early Warning and Reporting System (EWARS). It includes data since January 2018 till date, including comparison of same period during last year.

The Early Warning and Reporting System (EWARS)

Highlights

SARI: One death from SARI is reported this week from Kanti Children Hospital, Kathmandu and the deceased was from Bara district.

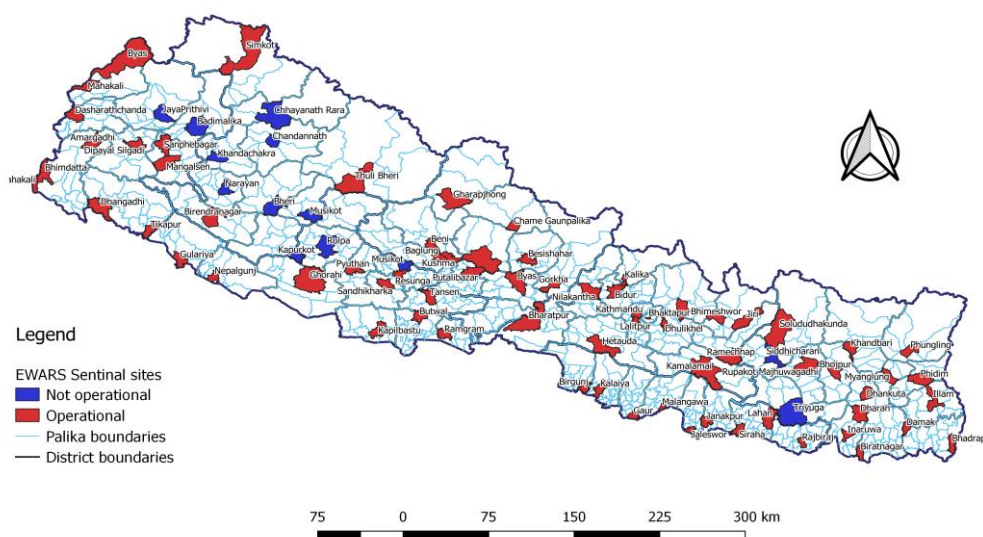
Kala-azar: Four cases of Kala-azar are reported this week (one each from Dadeldhura, Makwanpur, Salyan and Surkhet).

Scrub typhus: Five cases of Scrub typhus are reported this week (two from Palpa and one each from Bardiya, Rautahat, and Kathmandu).

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.

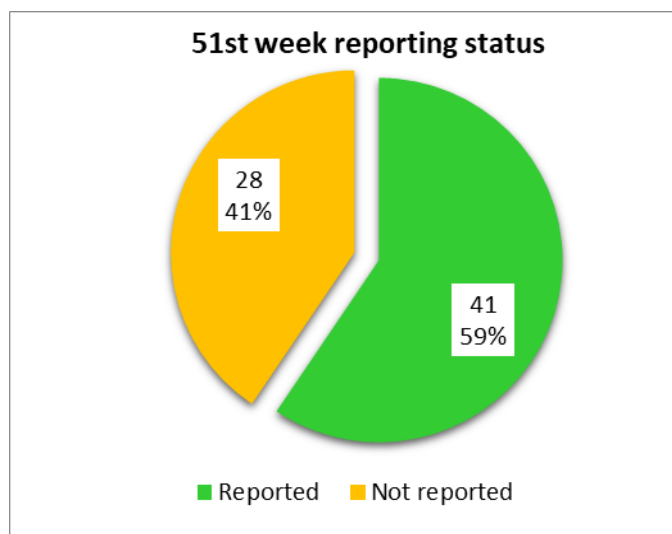
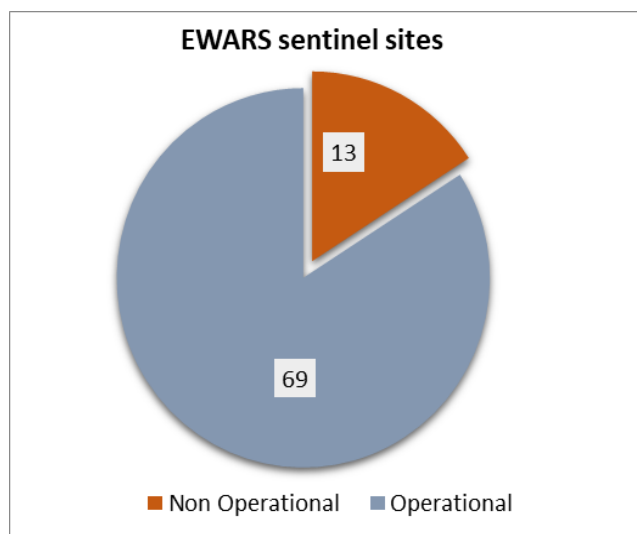
This information system is hospital-based and is currently operational in 69 hospitals (out of 82 sites) throughout Nepal (Figure 1). So far, the EWARS mainly focuses on the **weekly reporting** of number of cases and deaths (including "zero" reports) of six priority diseases/syndromes—Malaria, Kala-azar,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

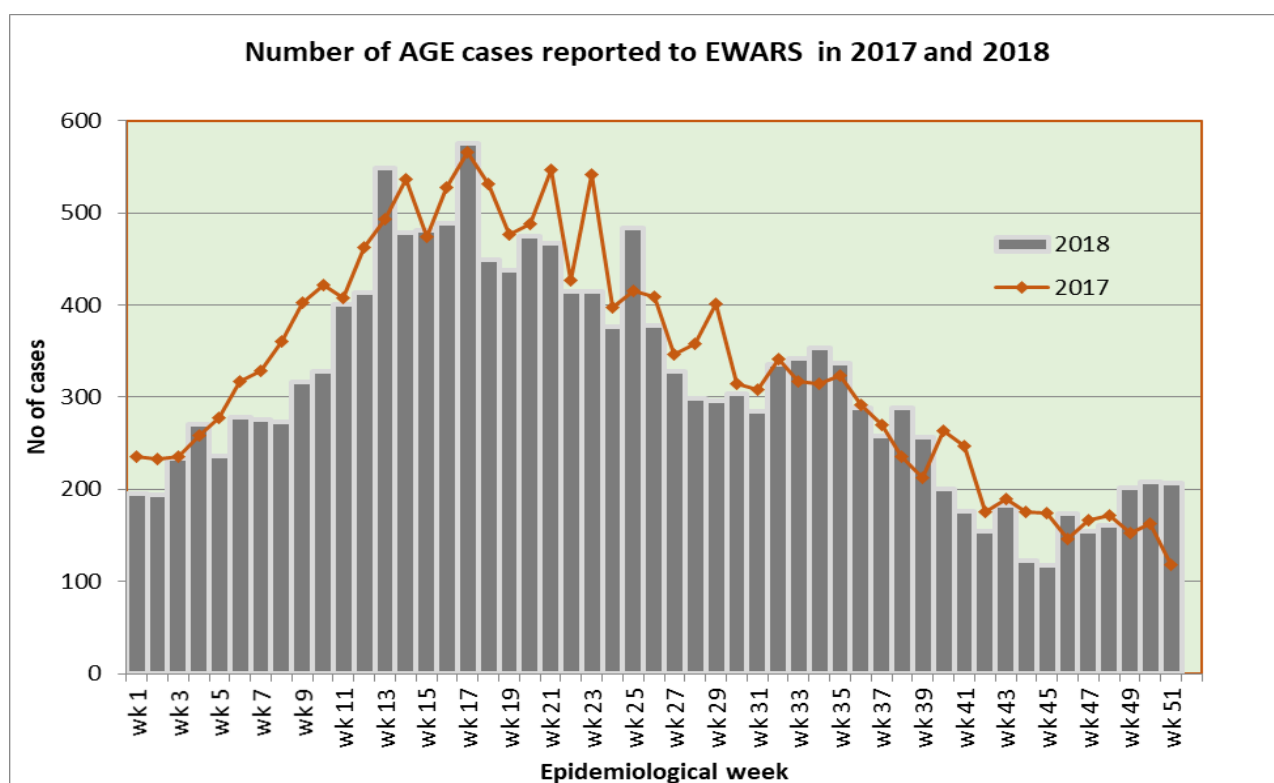
Out of 69 functional EWARS sentinel sites, report was received from 41 sentinel sites (59%) whereas 28 sentinel sites did not report in the 51st epidemiological week of 2018. The reporting coverage has slightly decreased compared to the last week.



1.1 Acute Gastro-Enteritis and Cholera

207 cases of AGE are reported in the 51st epidemiological week of 2018. The majority of these cases are from Saptari (18 cases), Morang (15 cases) and Kailali (15 cases). The number of AGE cases reported in the 51st week this year are more than those reported in the same week last year (170 cases).

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

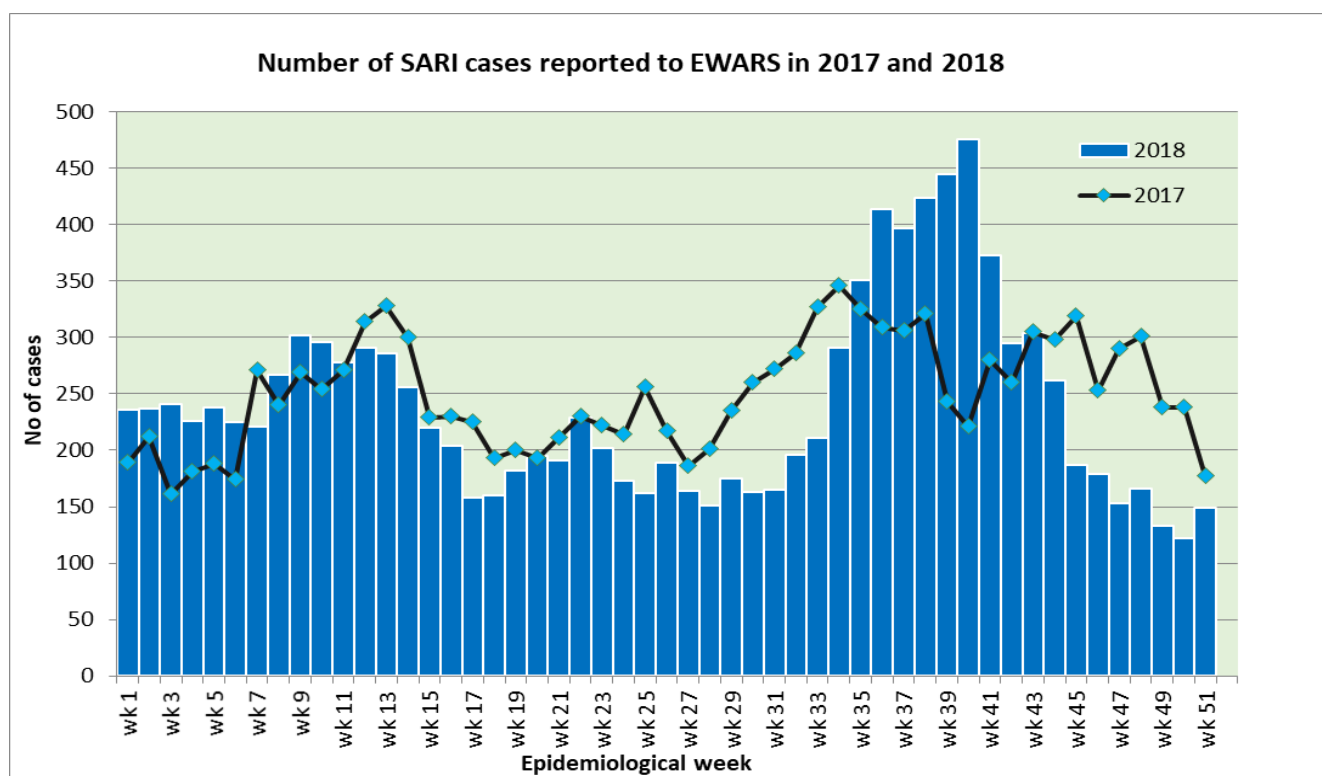


Cholera: A total of 3 cases of Cholera have been reported this year. The samples are confirmed positive by National Public Health Laboratory and the cases are from Nuwakot, Kathmandu and Lalitpur district.

1.2 Severe Acute Respiratory Infection (SARI)

149 cases of SARI are reported in the 51st epidemiological week this year. The majority of these cases are from Morang (26 cases), Lalitpur (15 cases) and Kailali (14 cases). The cases of SARI reported this week are fewer compared to those from the same week last year (198 cases).

One death from SARI is reported this week from Kanti Children Hospital, Kathmandu and the deceased was from Bara district. Forty-five deaths from SARI are reported so far this year. Eighty-two deaths from SARI were reported in 2017.



1.3 Enteric Fever

20 cases of Enteric fever are reported this week. The majority of the cases are from Dolakha (4 cases), Sindhuli (3 cases) and Lamjung (2 cases). No death from Enteric fever is reported so far this year. Three deaths from Enteric fever were reported in 2017.

1.4 Malaria

No case of Malaria is reported this week. No case of Malaria was reported this week in 2017.

1.5 Dengue

No case of Dengue is reported this week. Two hundred thirty cases of Dengue including two deaths are reported so far this year. Twelve hundred and one cases of Dengue were reported through EWARS in 2017.

1.6 Kala-azar

Four cases of Kala-azar are reported this week (one each from Dadeldhura, Makwanpur, Salyan and Surkhet). One hundred eighty- five cases of Kala-azar including two deaths are reported so far this year. Two hundred twelve cases of Kala-azar were reported through EWARS in 2017.

1.7 Scrub typhus

Five cases of Scrub typhus are reported this week (two from Palpa and one each from Bardiya, Rautahat, and Kathmandu). One case of Scrub typhus was reported this week in 2017. Seven hundred sixty- seven cases of Scrub typhus including two deaths are reported so far this year. Four hundred fifty-one cases of Scrub typhus were reported through EWARS in 2017.

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	98	136	DH, Illam	On Time	100
102	Koshi ZH, Morang	On Time	100	137	Dhulikhel H., Kavre	On Time	82
103	DH, Sunsari	On Time	100	138	DH, Solukhumbu	On Time	78
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	55	201	L. Comm DH, Lamjung	On Time	98
107	RKUP Lahan, Siraha	On Time	100	202	DH, Dhading	On Time	84
108	DH, Siraha	No reporting	92	203	DH, Ramechhap	On Time	100
109	JZH, Dhanusha	No reporting	98	204	Bhaktapur Hospital	On Time	39
110	DH, Rautahat	No reporting	6	205	Patan Hospital, Lalitpur	On Time	100
111	DH, Bara	On Time	100	206	DH, Gorkha	No reporting	24
112	NSRH, Parsa	No reporting	86	207	DH Trishuli, Nuwakot	No reporting	8
113	DH, Makwanpur	On Time	78	208	Charikot PHCC, Dolakha	On Time	98
114	Bharatpur Hospital, Chitwan	No reporting	98	209	Jiri H, Dolakha	No reporting	96
115	Kanti CH, Kathmandu	On Time	100	210	DH, Syangja	On Time	100
116	STIDH, Kathmandu	On Time	100	211	DH, Tanahun	No reporting	16
117	UMH, Palpa	On Time	100	212	PAHS/WRH, Kaski	On Time	100
118	PCH, Nawalparasi	On Time	98	213	DH, Myagdi	On Time	97
119	PBH, Kapilbastu	On Time	98	214	DH, Gulmi	On Time	74
120	LZH, Rupandehi	No reporting	94	215	DZH, Baglung	On Time	100
121	RSRH Dang	On Time	100	216	DH, Parbat	On Time	84
122	MWRH, Surkhet	On Time	90	217	DH, Arghakhanchi	On Time	68
123	BZH, Banke	On Time	94	218	DH, Manang	No reporting	82
124	SZH, Kailali	On Time	67	219	DH, Mustang	No reporting	36
125	MZH, Kanchanpur	On Time	100	220	DH, Pyuthan	No reporting	50
126	DH, Doti	On Time	65	229	DH, Achham	No reporting	75
127	DH, Bardiya	No reporting	96	230	DH, Baitadi	On Time	67
128	DH, Mahottari	No reporting	67	231	DH, Darchula	No reporting	27
129	DH, Dadeldhura	No reporting	0	234	DH, Taplejung	No reporting	16
130	DH, Rasuwa	No reporting	73	235	DH, Panchthar	No reporting	53
131	DH, Sankhuwasabha	No reporting	35	236	DH, Terhathum	No reporting	17
132	AMDA Hosp., Jhapa	On Time	100	237	DH, Bhojpur	On Time	82
133	DH, Chautara	No reporting	98	238	DH, Khotang	No reporting	16
134	DH, Sarlahi	No reporting	98	301	Bayalpata Hosp., Achham	On Time	100
135	DH, Sindhuli	On Time	100	302	Tikapur Hospital, Kailali	On Time	77
						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. This bulletin is also available at the website.