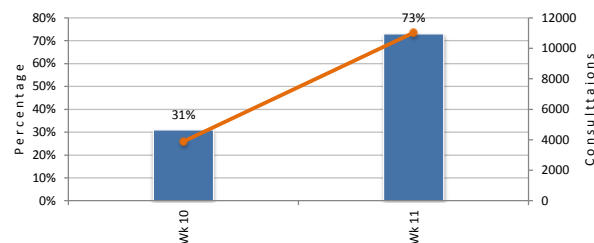


Volume 01, Issue 1, Epi week 11, 08 March - 14 March 2013

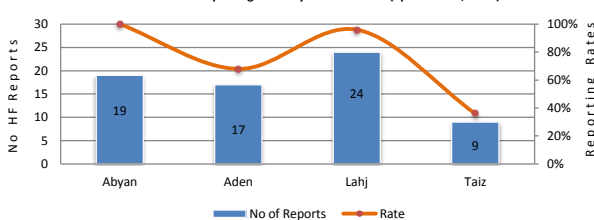
Highlights

- During week no 11, 2013; 73% (69/94) health facilities from 4 pilot governorates provided surveillance data.
- The total number of consultations reported during the week in pilot governorates was 11039 compared to 3891 the previous reporting week. Acute respiratory tract infections (ARI), acute diarrhea (OAD) and suspected malaria (S.Mal) were the leading cause of morbidity this week.
- A total of 35 alerts were generated by eDEWS system in week 11, 2013; Of these, 15 alerts were verified as true for further investigations with appropriate response.
- Altogether 6 alerts of Pertussis, 4 Measles, 2 Meningitis and 1 each for Bloody diarrhea, dengue and AVH alerts were received and responded. In total, 61 people were affected.
- Online disease surveillance and response system was launched in 4 governorates (Aden, Abyan, Lahj and Taiz) in March 2013. Ongoing on site trainings to improve weekly reporting and immediate notification are underway in all 4 pilot governorates.

eDEWS Reporting Rates vs Consultations in Pilot Governorates, Epi weeks 10 to 11, 2013



Distribution of Reporting Rates by Governorates (Epi-week 11, 2013)



Leading Priority Diseases - Pilot Governorates (Epi-week 11, 2013)

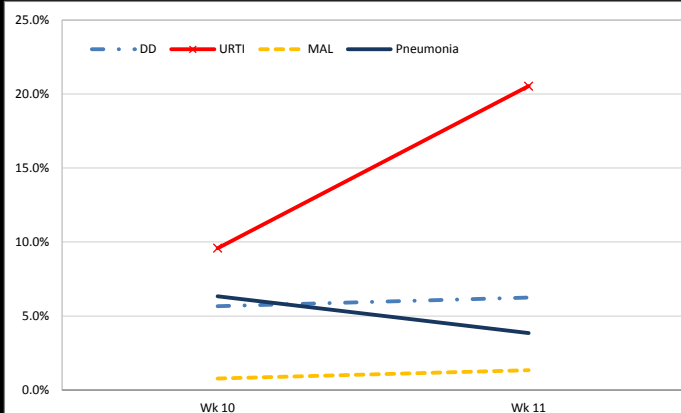
- URTI (20.4%), suspected malaria (1.3%), OAD (5.1%) and Pneumonia (3.8%) remain the leading causes of morbidity representing a total of 30.6%.
- Acute viral hepatitis, acute watery diarrhea and Schistosomiasis represented less than 1% of total morbidity in reporting period. Bloody diarrhea represented 1.1% of this morbidity.
- All diarrheal disease comprised 6.2% and Pneumonia 3.8% of total morbidity in Pilot Governorates this week.
- All diarrheal disease comprised 3.5% and Pneumonia 2.3% of total morbidity in the <5 years age group.

Cumulative number of major health events reported in Epi-weeks 10 to 11, 2013 (1st March 2013 to 14th March 2013)

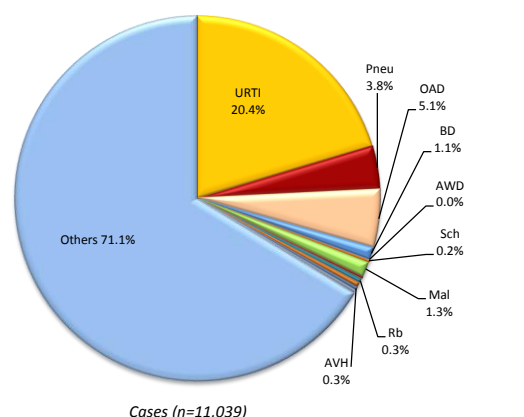
Diseases	No of Cases	Percentage
Upper Respiratory Infections	2643	17.5%
Other Acute Diarrhea	910	6.0%
Suspected Malaria	180	1.2%
Pneumonia	677	4.5%
Total (All consultations)	15090	100%

- URTI was highest in Governorate Abyan (47.2%) this week.
- Diarrheal Disease was highest in Governorate Taiz (7.4%) this week.

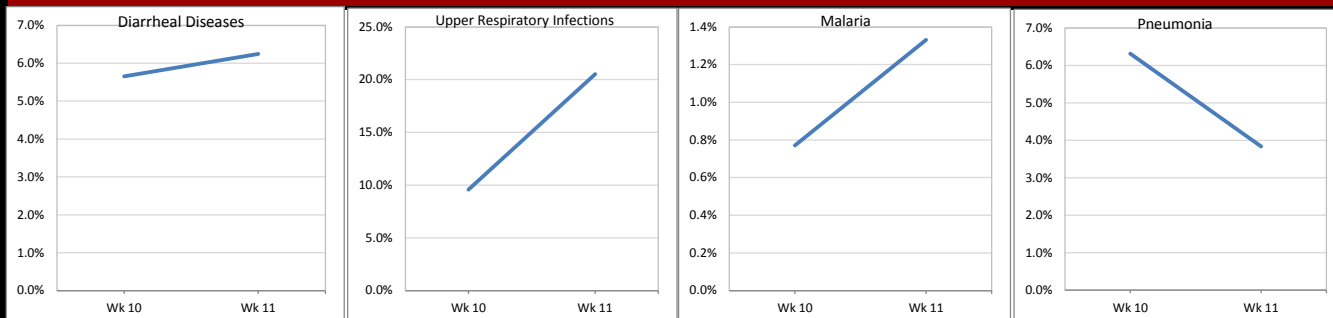
Trends for Leading Priority Diseases in Pilot Governorates - Epiweeks 10 to 11, 2013



Proportional Morbidity for Leading Priority Diseases - Epiweek 11, 2013



Weekly trends of Diarrheal Diseases, Upper Respiratory infections, Suspected Malaria and Pneumonia (Epi week 10 to 11, 2013)



Distribution of consultations of leading diseases by Governorates, Epiweek 11

	Lahj	Aden	Abyan	Taiz	Total
URTI	290	902	839	236	2267
Pneu	134	135	100	55	424
OAD	95	246	105	119	565
BD	25	33	11	54	123
AWD	0	1	0	0	1
Sch	0	3	1	20	24
Mal	5	46	77	19	147
Meng	0	1	1	22	24
DF	0	3	0	6	9
VHF	0	0	0	0	0
Rb	2	5	0	31	38
Meas	10	29	1	11	51
AVH	14	10	6	4	34
NNT	0	0	0	0	0
AFP	0	0	0	0	0
CL	0	7	2	0	9
Diph	0	1	0	0	1
Pert	3	14	1	0	18
OthUn	0	0	0	0	0
Others	1708	3266	633	1762	7369
Tot_ Consultations	2286	4702	1777	2339	11104

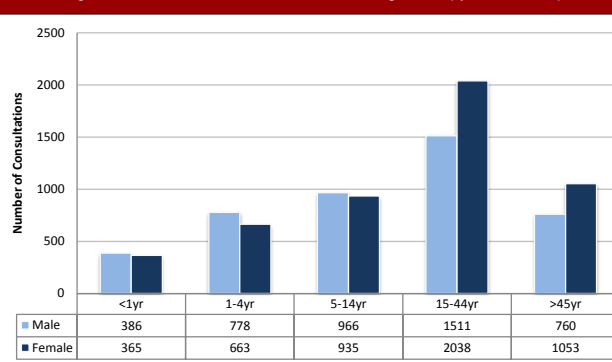
eDEWS Pilot Project Coverage Map - Yemen



Number of alerts & outbreaks reported and investigated with appropriate response

Diseases	2013		Current week 11, 2013		System Generated Alerts (week 11, 2013)	
	Alerts	Outbreaks	Alerts	Outbreaks	TRUE	FALSE
AWD	0	0	0	0	0	1
Pertussis	9	0	6	0	6	2
Measles	8	0	4	0	4	13
AFP	0	0	0	0	0	1
Diphtheria	0	0	0	0	0	0
Bloody Diarr	1	0	1	0	1	2
AVH	1	0	1	0	1	1
Denque fever	1	0	1	0	1	0
Meningitis	2	0	2	0	2	0
Total	22	0	15	0	15	20

Age and Sex distribution of total consultations of leading diseases (Epi week 11, 2012)



Alert/Outbreaks Responded in Epi-week 11, 2013

Suspected Disease	Governorate	District	Location	Actions Taken / Notes	Reported Cases	Reported Deaths
Measles	Lahj	Tuban	Village Al-Feyoush	Alert was confirmed on phone contact by Lahj SC. Measles focal point was contacted for investigation and response; Field investigation was done, blood sample was collected and sent to central lab in sana'a.	2	0
Pertussis	Lahj	Tuban	Al-Anad	Alert was confirmed on phone contact by Lahj SC. SC shared a plan to visit HF and affected areas for further investigations.	1	0
Measles	Lahj	Al-Qabbayta	Village Karesh	Alert was confirmed on phone contact by Lahj SC. Measles focal point was contacted for investigation and response; Field investigation was done, blood sample was collected and sent to central lab in sana'a.	1	0
Pertussis	Lahj	Tuban	Al-Waht City	Alert was confirmed on phone contact by Lahj SC. SC shared a plan to visit HF and affected areas for further investigations.	2	0
Measles	Lahj	Tuban	Al-Waht City	Alert was confirmed on phone contact by Lahj SC. Measles focal point was contacted for investigation and response; Field investigation was done, blood sample was collected and sent to central lab in sana'a.	7	0
Suspected Pertussis	Aden	almula	almuala	Alert was confirmed on phone contact, case was diagnosed as pertussis meeting the case definition, routine blood investigation was done, patient was treated as per standard protocol for pertussis.	1	0
Suspected Pertussis	Aden	dar sa'ad	dar sa'ad	Alert was confirmed on phone contact, case was diagnosed as pertussis meeting the case definition, routine blood investigation was done, patient was treated as per standard protocol for pertussis.	1	0
Suspected Dengue Fever	Aden	al-mansoor	NA	Alert was confirmed on phone contact, case was diagnosed as suspected dengue meeting the case definition, investigation completed	2	0
Suspected Pertussis	Aden	Al-shaikh	NA	Alert was confirmed on phone contact, case was diagnosed as pertussis meeting the case definition, all cases received antibiotics, further investigation about the location of cases is underway; 1 death of a 1.5 year old child was confirmed from Albasateen who was admitted to ICU on 10th march with provisional diagnosis of CCHF & pertussis and died on 11th March	7	1
Hepatitis (A,E)	Aden	Al-shaikh	NA	Alert was confirmed on phone contact, further investigations and followup to trace addresses of the cases is underway	7	0
Meningitis	Taiz	Alrawda	Alrawda	Alert was confirmed on phone contact, further investigations and followup to trace addresses of the cases is underway	7	0
Pertussis	Taiz	Alqahira	Alqahira	Alert was confirmed on phone contact, On investigations it was found that the patient (6 month baby boy) wasn't vaccinated and had typical signs and symptoms of pertussis, patient had already received antibiotic, contact information was not recorded, HCP was requested to record contact information in future to facilitate field investigation	1	0
Measles	Taiz	Alqahira	Alqahira	Alert was confirmed on phone contact by Lahj SC. Measles focal point was contacted for investigation and response; Field investigation was done, blood sample was collected and sent to central lab in sana'a.		0
Meningitis	Taiz	Alqahira	Alqahira	Alert was confirmed on phone contact, samples was taken for lab investigations, results are awaited.	7	0

The objective of this weekly epidemiological bulletin is to provide a snap shot on selected health events reported from the eDEWS surveillance system in 4 Pilot Governorates (Yemen). While every attempt is made to present the weekly trends of epidemic prone diseases, the information presented in the bulletin needs to be interpreted in the context that precise information on the reference populations is not always available. The primary focus of eDEWS is early detection of epidemic prone disease and to facilitate a rapid public health response.