



## SUMMARY

### I. COMPLETENESS AND TIMELINESS

- For Public Health Facilities Completeness: 92.0 % Timeliness: 82.8 %
- For Privates Health Facilities Completeness: 25.3 % Timeliness: 22.0 %
- **Overall Completeness: 77.7 %**  
**Timeliness: 69.8 %**

**NB:** District hospital catchment area with lowest timeliness (below 70% timeliness): Nyanza, Ruhengeri, Nyagatare, Bushenge, Rwamagana, Kabutare and Mibilizi hospitals while the highest timeliness is from Masaka, Ruli, Rutongo, Munini, Remera Rukoma, Gihundwe, Kibogora and Muhororo

### II. Cases reported by Public and Private HFs:

- **Malaria:** 56,302 cases
- **Flu syndrome:** 16,428 cases
- **Non-bloody Diarrhoea:** 4,428 cases
- **Severe Pneumonia in children under five years:** 236 cases
- **Bloody diarrhoea:** 45 cases
- **Chicken pox:** 27 cases
- **Mumps:** 14 cases
- **Cholera:** Two suspected cases of Cholera were notified from Kigufi H of Gisenyi hospital
- **Food poisoning:** Seven cases of Food poisoning were notified from Ruli HC of Ruli hospital
- **Measles:** Two suspected cases of measles were notified one case each from Biryogo HC of Muhima hospital and Mushubati HC of Murunda hospital

# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Week 50 from 11<sup>st</sup> to 17<sup>th</sup> December, 2017



ESR Division

## HIGHLIGHT OF THE WEEK:

- **Trend of four priority diseases with highest morbidity in 2017:** The figure 1 shows the trend of cases of the highest morbidity through e-IDSR notified during the last 50 weeks, those include Malaria, Influenza like illness, Non blood diarrhea and severe pneumonia under five years.

**Cont. on P.2**

- **Food poisoning:** Following the consumption of sorghum beer known as IKIGAGE on 10<sup>th</sup> December, the following on 11<sup>st</sup> seven people from Ruli sector presented at Ruli HC with abdominal pain and vomiting. Those are 4 males and 3 females aged between 13 and 23 years with average age of 15.7 years who were taken care in outpatient department.

### III. Deaths reported nationally: 8 deaths notified countrywide

- Six deaths due to **Malaria** were notified including two deaths from Kibungo hospital and one death each from Nyamata, Kiziguro, Munini and Kibogora hospitals
- Two deaths due to **severe pneumonia under five years** were notified one death each from Kibilizi and Nyamata hospitals

- **Meningococcal meningitis:** Two suspected cases of meningococcal meningitis were notified from Ngarama hospital.
- **Dog bites (rabies exposure):** 18 cases of dog bites (rabies exposure) were notified including eight cases from Kibagabaga hospital, four cases from Kigeme hospital, two cases from Kibogora hospital and one case each from Cyahinda HC of Munini, Masaka, Ruli and Rwinkwavu hospitals
- **Rubella:** one suspected case of Rubella was notified from Cyabingo HC of Nemba hospital
- **Typhoid fever:** Nine suspected cases of Typhoid fever were notified including four cases from Mahama refugee camp, three cases from Mugonero hospital and two cases from Kigeme hospital

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# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

## 1. High Morbidity diseases for the last 50 weeks, 2017

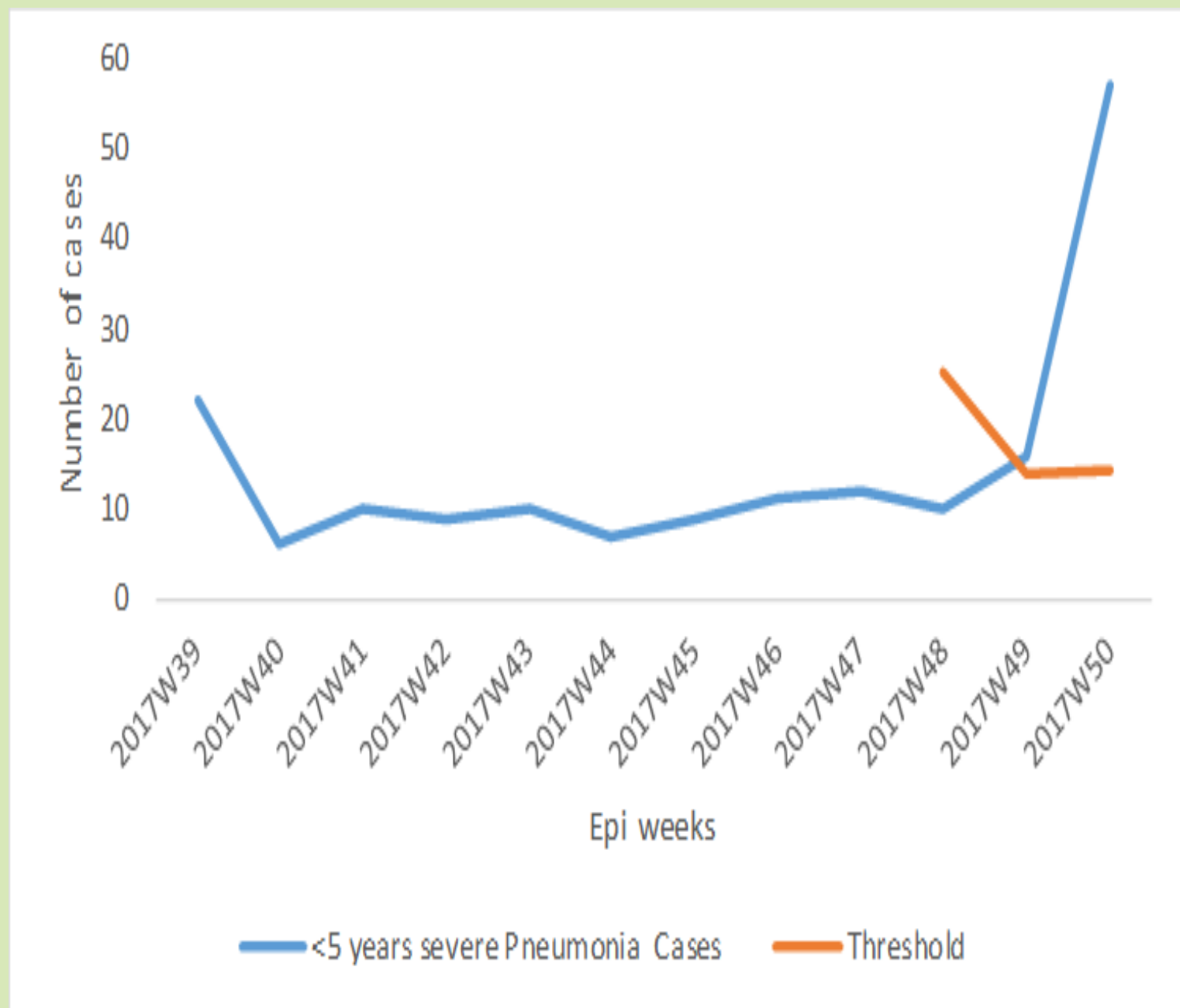


Fig 2. High morbidity diseases through e-IDSR in Rwanda

Source: Rwanda e-IDSR

# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

□ **Increased number of Severe pneumonia cases in Mahama refugee camp:** There is an increase number of cases compared with the threshold for the last twelve weeks as shown by the fig.1



**Figure 1. Trend of Severe pneumonoa under five years in Mahama refugee camp since w39 to w50 of 2017**

# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Table 1: THE FOLLOWING 45 PUBLIC HEALTH FACILITIES DIDN'T SUBMIT THEIR REPORTS IN WEEK 50/2017

Province	Hospital	Health Facility		Province	Hospital	Health Facility
East	Gahini	Rutare (kayonza) CS		South	Gakoma	Gakoma CS
East	Kibungo	Mutenderi CS		South	Kabgayi	Mata CS
East	Kirehe	Gahara CS		South	Kabutare	Kabutare DH
East	Kiziguro	Rugarama (gatsibo) CS		South	Kabutare	Kinyamakara CS
East	Rwamagana	Gishari(Police) CS		South	Kabutare	Rubona (huye) CS
East	Rwamagana	Nyagasambu CS		South	Kabutare	Rwaniro CS
East	Rwamagana	Rwamagana CS		South	Kabutare	Simbi CS
East	Rwinkwavu	Ruramira CS		South	Kibilizi	Kansi CS
Kigali City	Kibagabaga	Avega Kigali CS		South	Kigeme	Mbuga CS
Kigali City	Muhima	PCK(Gitega Pris)		South	Nyanza	Cyaratsi CS
West	Bushenge	Mugera CS		South	Nyanza	Gahombo CS
West	Bushenge	Muyange CS		South	Nyanza	Hanika I (NYANZA) CS
West	Gisenyi	Byahi (rubavu) CS		South	Nyanza	Mututu CS
West	Gisenyi	Karambo (rubavu) CS		South	Nyanza	Nyamiyaga (Nyanza) CS
West	Gisenyi	Prison Gisenyi Pris		South	Ruhango	Kinazi CS
West	Kabaya	Hindiro CS		South	Ruhango	Ruhango PH
West	Mibilizi	Gikundamvura CS		North	Butaro	Ruhunde CS
West	Mibilizi	Mibilizi CS		North	Byumba	Bwisige CS
West	Mibilizi	Nyakabuye CS		North	Byumba	Camp Gihembe CS
West	Mugonero	Gatare (twumba) CS		North	Ruhengeri	Gasiza (musanze) CS
West	Shyira	Nyakiliba CS		North	Ruhengeri	Kabere CS
				North	Ruhengeri	Murandi CS
				North	Ruhengeri	Prison Ruhengeri DISP
				North	Ruhengeri	Shingiro CS



# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Table 2. CASES NOTIFIED DURING WEEK 50, 2017

Province	Hospital	Public Health Facilities			Private Health Facilities			IDSR Priority diseases cases recorded																										
		Expected	Completeness	Timeliness	Expected	Completeness	Timeliness	Non bloody Diarrhoea	Flu syndrom e	Malaria	Severe Pneumonia for under five years	Acute Flaccid Paralysis	Bloody Diarrhea	Chicken Pox	Cholera	Diphtheria	Epidemic Typhus	Food poisoning	Hemorrhagic fever	Measles	Meningitis	Mumps	Neonatal tetanus	Plague	dog bites (Rabies exposure )	Rubella	Typhoid fever	Viral Conjunctivitis	Whooping Cough	Yellow fever				
East	Gahini	9	88.9	88.9	3	33.3	33.3	78	102	3141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
East	Kibungo	13	92.3	76.9	1	100.0	100.0	62	47	5275	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
East	Kirehe	19	94.7	78.9	1	0.0	0.0	257	1517	533	61	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0				
East	Kiziguro	13	92.3	76.9	3	0.0	0.0	100	270	3925	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
East	Ngarama	8	100.0	87.5	0			72	541	1521	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0				
East	Nyagatare	22	100.0	59.1	17	11.8	11.8	167	338	206	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
East	Nyamata	17	100.0	94.1	1	0.0	0.0	148	649	6649	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
East	Rwamagana	16	81.3	62.5	4	0.0	0.0	200	1632	4579	16	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
East	Rwinkwavu	8	87.5	87.5	2	0.0	0.0	34	180	2603	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0				
Kigali City	Kibagabaga	18	94.4	83.3	30	36.7	33.3	239	1384	2193	12	0	2	1	0	0	0	0	0	0	0	1	0	0	8	0	0	0	0	0				
Kigali City	Masaka	11	100.0	100.0	20	15.0	15.0	76	313	1725	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0				
Kigali City	Muhima	12	91.7	75.0	28	28.6	21.4	86	367	1382	10	0	5	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0				
Kigali City	Kacyiru	1	100.0	100.0				0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
North	Butaro	20	95.0	90.0	1	100.0	100.0	182	225	82	4	0	3	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0				
North	Byumba	26	92.3	88.5	3	0.0	0.0	95	627	503	6	0	0	6	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0				
North	Kinshira	10	100.0	70.0	1	0.0	0.0	56	38	95	1	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0				
North	Nemba	16	100.0	87.5	0			138	83	149	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0				
North	Ruhengeri	17	70.6	58.8	3	33.3	33.3	107	431	77	6	0	4	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0				
North	Ruli	9	100.0	100.0	0			43	160	205	1	0	1	0	0	0	0	0	7	0	0	0	0	0	1	0	0	0	0	0				
North	Rutongo	13	100.0	100.0	0			69	305	641	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
South	Gakoma	6	83.3	83.3	1	0.0	0.0	35	200	228	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
South	Gitwe	9	100.0	77.8	0			32	137	1385	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
South	Kabgayi	18	94.4	88.9	4	25.0	25.0	129	735	1724	3	0	0	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0				
South	Kabutare	18	72.2	61.1	2	0.0	0.0	109	347	597	2	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
South	Kaduha	10	100.0	90.0	0			58	261	417	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
South	Kibilizi	10	90.0	90.0	0			99	318	836	5	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
South	Kigeme	12	91.7	83.3	2	50.0	50.0	93	418	579	3	0	1	1	0	0	0	0	0	0	0	0	0	0	4	0	2	0	0	0				
South	Munini	17	100.0	100.0	1	100.0	100.0	132	632	742	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0				
South	Nyanza	18	72.2	50.0	1	0.0	0.0	116	245	730	12	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
South	Remera Ruk	14	100.0	100.0	3	0.0	0.0	73	562	2444	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
South	Ruhango	8	75.0	75.0	4	0.0	0.0	71	329	2005	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
West	Bushenge	8	75.0	62.5	0			70	251	779	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
West	Gihundwe	9	100.0	100.0	2	100.0	100.0	70	367	715	7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
West	Gisenyi	15	80.0	73.3	9	22.2	11.1	275	612	244	20	0	0	2	2	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0				
West	Kabaya	10	90.0	90.0	2	0.0	0.0	38	164	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
West	Kibogora	14	100.0	100.0	0			113	230	2461	1	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0				
West	Kibuye	13	100.0	92.3	0			86	223	432	12	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
West	Kirinda	6	100.0	83.3	0			17	111	397	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
West	Mibilizi	12	75.0	66.7	3	100.0	66.7	130	104	2430	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
West	Mugonero	7	85.7	85.7	0			10	72	415	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0				
West	Muhororo	16	100.0	100.0	1	100.0	100.0	68	160	251	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
West	Murunda	18	100.0	94.4	0			287	328	761	11	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0				
West	Shyira	17	94.1	88.2	1	0.0	0.0	102	402	55	1	0	2	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0				
Referral Hc	CHUB	1	100.0	100.0	0			5	10	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Referral Hc	CHUK	1	100.0	100.0	0			1	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Referral Hc	Rwanda Milita	1	100.0	100.0	0			0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Total		565	92.0	82.8	154	25.3	22.1	4428	16428	56302	236	0	45	27	2	0	0	7	0	2	2	14	0	0	18	1	9	0	0	0				