REPUBLIC OF RWANDA

MINISTRY OF HEALTH

EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Week 33 from 14th to 20th August, 2017

RWANDA BIOMEDICAL CENTER
A Healthy People. A Wealthy nation

ESR Division

Summary

I. COMPLETENESS AND TIMELINESS

- For Public Health Facilities Completeness: 94.6 % Timeliness: 77.7 %

- For Privates Health Facilities Completeness: 35.4% Timeliness: 27.3 %

- Overall Completeness: 81.2 % Timeliness: 66.3 %

The low timeliness is observed in cathment area of Gakoma hospital with 50%, while in Kibungo, Masaka, Ruli, Kabaya, Kibogora and Muhororo Hospitals timeliness is 100%.

II. CASES

- **Malaria:** 14,807 cases
- **Flu syndrome:** 10,617 cases
- **Non-bloody Diarrhoea:** 3,810 cases
- **Severe Pneumonia in children under five years:** 137 cases
- **Chicken pox:** 39 cases
- **Shigellosis:** 45 cases
- **Mumps:** 22 cases
- **AFP:** One case of Acute Flaccid paralysis was notified from Gatonde HC of Nemba hospital
- **Cholera:** Four suspected case of Cholera was notified from Nkombo HC of Gihundwe hospital
- **Measles:** Five suspected cases of measles were notified one case each from Kiblizi HC of Nyanza hospital Birambo HC of Kirinda hospital, Biryogo HC of Muhima hospital, Nyarusange HC of Kabgayi hospital and Kibilizi hospital
- **Meningococcal Meningitis:** one suspected case was notified from Kibilizi hospital
- **Dog bites (rabies exposure):** 6 cases of dog bites (rabies exposure) were notified including 2 cases each from Rwinkwavu and Kibogora hospitals, one case each from Byumba and Kinihira hospitals
- **Typhoid fever:** 25 suspected cases of Typhoid fever were notified including 9 cases from Mahama refugee camp HC and 16 cases from Byumba hospital
- **Viral conjunctivitis:** one case notified was from Prison Nsinda prison

Highlight of the week

1. Trend of four priority diseases with highest morbidity in 2017: The figure1 shows the trend of cases of the highest morbidity through e-IDSR notifed during the last 33 weeks, those include Malaria, Influenza like illness, Non blood diarrhea and severe pneumonia under five years.

2. Cholera: Ongoing confirmed outbreak of cholera in Nkombo sector in Rusizi district. 4 new cases were notified this week **(** *see outbreak investigation report last epidemiological weekly report)*

3. Bloody diarrhea: There is an increase in number of Bloody diarrhea cases from Kiziba camp HC of Kibuye hospital. During week 33, 14 cases were reported compared to zero cases normally reported every week during

III. DEATHS

5 deaths notified

- Two deaths due to Non Bloody Diarrhea from Gahini and Nyagatare hospitals one death each
- One deaths due to Malaria were notified from Remera Rukoma hospital
- Two deaths due to severe pneumonia under five years was notified one death each from Nyamata and Gihundwe hospital.

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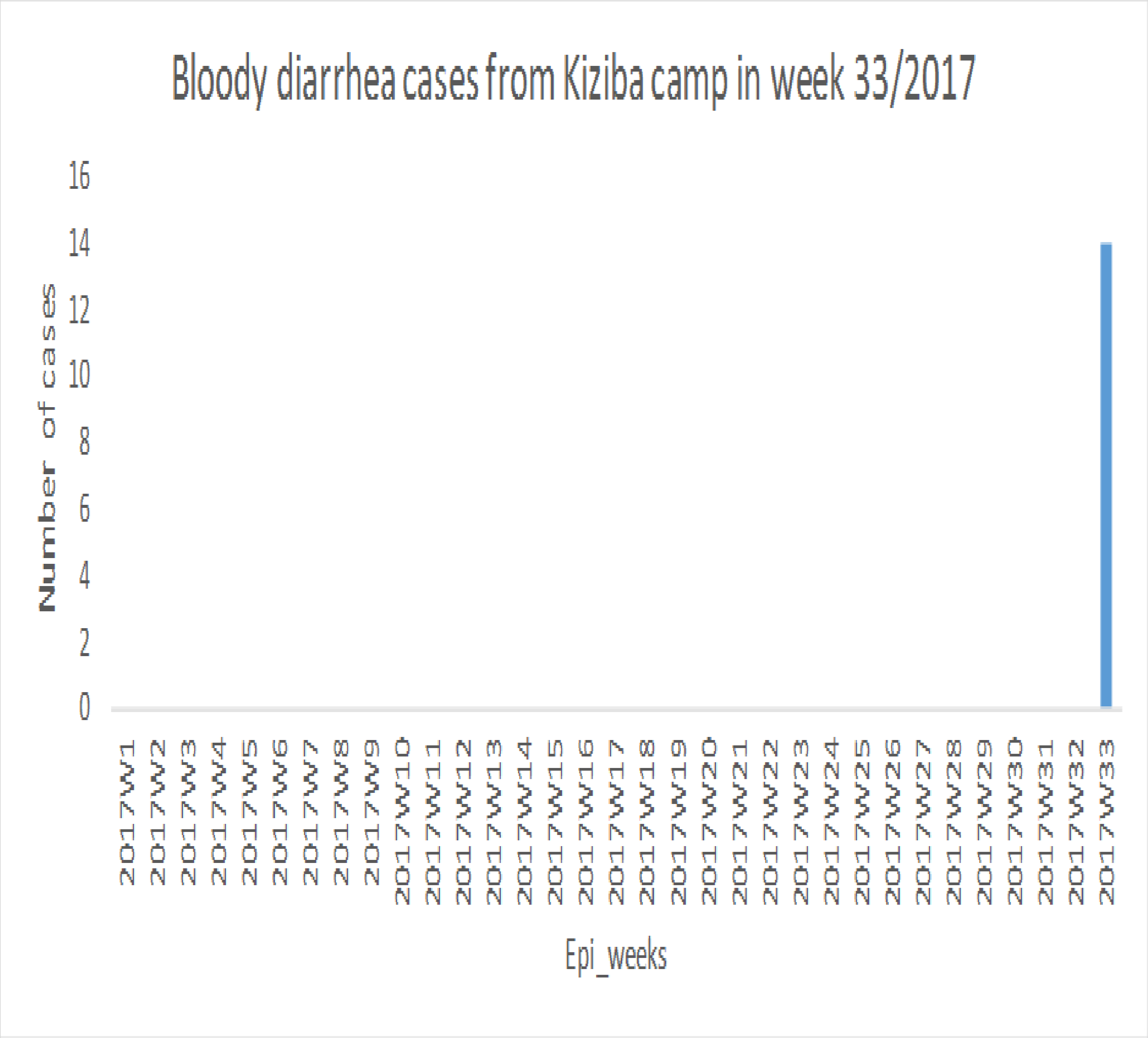

Figure 1. Bloody diarrhea cases from Kiziba Camp in week 33/2017

1. **Figure 2. High morbidity diseases through e-IDSR in Rwanda**

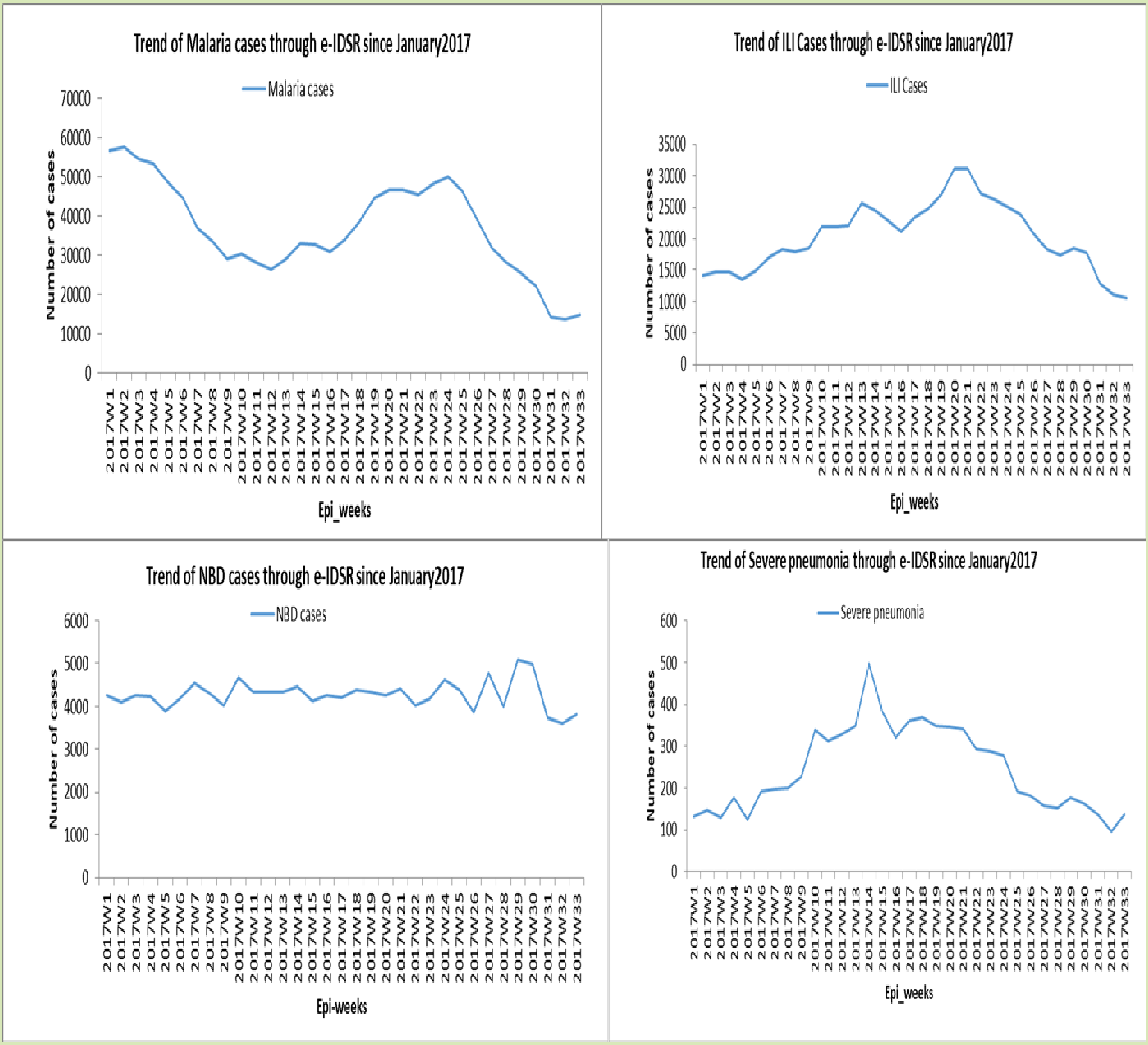

Figure 2. High morbidity diseases through e-IDSR in Rwanda

Source: Rwanda e-IDSR

EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

2. ANNEX 1: THE FOLLOWING 30 PUBLIC HEALTH FACILITIES DIDN'T SUBMIT THEIR REPORTS IN WEEK 33/2017

Province	Hospital	Facility Name
East	Kiziguro	Gasange CS
East	Kiziguro	Kabarore CS
East	Nyamata	Mwogo CS
East	Rwamagana	Gishari(Police) CS
Kigali City	Kibagabaga	Avega Kigali CS
Kigali City	Kibagabaga	Prison Kimironko(Remera Pris)
Kigali City	Kibagabaga	Remera CS
Kigali City	Muhima	Cor-unum CS
Kigali City	Muhima	PCK(Gitega Pris)
West	Bushenge	Bushenge PH
West	Gisenyi	Prison Gisenyi Pris
West	Kirinda	Kirinda DH
West	Mibilizi	Islamic (Bugarama) CS
West	Mibilizi	Nkungu CS
West	Mugonero	Gisovu CS
West	Mugonero	Mugonero CS

Province	Hospital	Facility Name
South	Gakoma	Gakoma DH
South	Kabgayi	Kabgayi DH
South	Kabgayi	Nyabinoni CS
South	Kabutare	Huye Police CS
South	Kabutare	Kabutare DH
South	Kaduha	Kaduha DH
South	Nyanza	Gahombo CS
South	Nyanza	Hanika I (NYANZA) CS
South	Nyanza	Ntyazo CS
South	Nyanza	Nyamiyaga (Nyanza) CS
South	Nyanza	Prison Mpanga Pris (nyanza)
North	Butaro	Kinoni CS
North	Nemba	Nganzo CS
North	Ruhengeri	Prison Ruhengeri DISP

EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

ANNEX 2. CASES NOTIFIED DURING WEEK 33, 2017

Public Health Facilities

Province	Hospital	Completeness (%)	Timeliness (%)	Non bloody Diarrhoea	Flu syndrome	Malaria	Severe Pneumonia for under five years	Acute Flaccid Paralysis	Bloody Diarrhea	Chicken Pox	Cholera	Diphtheria	Epidemic Typhus	Food poisoning	Hemorragic fever	Measles	Meningitis	Mumps	Neonatal tetanus	Plague	dog bites (Rabies exposure)	Rubella	Typhoid fever	Viral Conjunctivitis	Whooping Cough	Yellow fever
East	Gahini	100.0	77.8	60	108	385	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kibungo	100.0	100.0	96	40	846	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kirehe	100.0	83.3	231	1131	401	7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
East	Kiziguro	84.6	61.5	98	284	172	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Ngarama	100.0	87.5	114	307	108	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Nyagatare	100.0	77.3	177	218	111	2	0	0	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
East	Nyamata	94.1	82.4	149	590	1272	5	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
East	Rwamagana	93.8	68.8	159	802	449	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
East	Rwinkwavu	100.0	62.5	44	76	281	3	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Kigali City	Kibagabaga	84.2	57.9	63	393	354	5	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Masaka	100.0	100.0	52	175	160	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Muhima	83.3	58.3	67	226	173	2	0	4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
North	Butaro	95.0	85.0	150	172	76	5	0	0	3	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0
North	Byumba	100.0	84.6	104	403	81	4	0	0	3	0	0	0	0	0	0	0	1	0	0	1	0	16	0	0	0
North	Kinihira	100.0	90.0	120	21	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
North	Nemba	93.8	81.3	123	47	77	9	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
North	Ruhengeri	94.1	70.6	124	369	46	15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
North	Ruli	100.0	100.0	36	100	67	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Rutongo	100.0	84.6	75	224	178	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Gakoma	83.3	50.0	64	114	504	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Gitwe	100.0	77.8	27	130	531	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kabgayi	88.9	77.8	81	352	618	4	0	0	3	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
South	Kabutare	88.9	61.1	109	251	343	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kaduha	90.0	90.0	38	198	123	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kibilizi	100.0	90.0	80	207	671	1	0	6	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
South	Kigeme	100.0	83.3	42	281	183	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
South	Munini	100.0	76.5	88	320	276	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Nyanza	72.2	72.2	116	182	470	3	0	1	4	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
South	Remera Ruk	100.0	69.2	66	308	909	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Ruhango	100.0	75.0	39	185	637	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Bushenge	87.5	87.5	52	154	288	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gihundwe	100.0	55.6	52	230	194	3	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gisenyi	92.3	76.9	119	395	206	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kabaya	100.0	100.0	28	88	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kibogora	100.0	100.0	95	190	1198	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
West	Kibuye	100.0	83.3	89	181	359	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kirinda	83.3	66.7	16	52	123	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
West	Mibilizi	81.8	63.6	36	23	438	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Mugonero	71.4	71.4	29	59	344	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Muhororo	100.0	100.0	60	112	110	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Murunda	100.0	66.7	156	206	497	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Shyira	100.0	68.8	96	310	30	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral ho	CHUB	100.0	100.0	7	18	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral ho	CHUK	100.0	100.0	1	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral ho	Rwanda Milit	100.0	0.0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SubTotal		**94.6**	**77.7**	**3628**	**10232**	**14367**	**125**	**1**	**45**	**26**	**4**	**0**	**0**	**0**	**0**	**5**	**1**	**22**	**0**	**0**	**6**	**0**	**25**	**1**	**0**	**0**

EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Private Health Facilities: Completeness: 35.4 % Timeliness: 27.3%

Province	Hospital	Non bloody Diarrhoea	Flu syndrome	Malaria	Severe Pneumonia for under five years	Acute Flaccid Paralysis	Bloody Diarrhea	Chicken Pox	Cholera	Diphtheria	Epidemic Typhus	Food poisoning	Hemorragic fever	Measles	Meningitis	Mumps	Neonatal tetanus	Plague	dog bites (Rabies exposure)	Rubella	Typhoid fever	Viral Conjunctivitis	Whooping Cough	Yellow fever
	Gahini	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kibungo	20	8	266	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kirehe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kiziguro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Ngarama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Nyagatare	9	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Nyamata	6	22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Rwamagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Rwinkwavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Kibagabag	72	189	47	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Masaka	3	20	25	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Muhima	13	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Butaro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Byumba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Kinihira	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Nemba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Ruhengeri	2	24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Rutongo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Gakoma	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Gitwe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kabgayi	20	53	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kabutare	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kaduha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kigeme	2	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Munini	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Nyanza	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Remera Ru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Ruhango	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Bushenge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gihundwe	6	12	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gisenyi	21	17	22	8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kabaya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kibuye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Mibilizi	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Muhororo	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Shyira	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SubTotal		**182**	**385**	**440**	**12**	**0**	**0**	**13**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**