



## SUMMARY

### I. COMPLETENESS AND TIMELINESS

- For Public Health Facilities Completeness: 92.6 % Timeliness: 69.3 %
- For Privates Health Facilities Completeness: 35.4 % Timeliness: 24.8 %
- Overall Completeness: 79.5 % Timeliness: 59.3 %

The low timeliness is observed in cathment area of Nyagatare, Kirehe, Gitwe, Gihundwe, Murunda, Rwamagana, Kabutare and Kirinda hospitals with less than 50% while in Kibungo, Ruli, Kibilizi, Munini and Kibogora Hospitals timeliness is 100%.

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

- **Malaria:** 31,922 cases
- **Flu syndrome:** 13,172 cases
- **Non bloody Diarrhoea:** 4,953 cases
- **Severe Pneumonia in children under five years:** 149 cases
- **Bloody diarrhoea:** 87 cases
- **Chicken pox:** 43 cases
- **Mumps:** 21 cases
- **Cholera:** 15 cases of Cholera were notified including 7 cases from Nkombo HC, 4 cases from Kibogora hospital and 4 cases from Rubavu district including 2 from Gisenyi HC and 2 from Gisenyi hospital
- **Food poisoning:** 15 cases of Food poisoning were notified including 10 cases from Rwankuba HC of Ruli ospital and 5 cases from Gitare HC of Butaro hospital
- **Measles:** 15 suspected cases of measles were notified including three cases from Ruhuha HC of Nyamata,

# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Week 39 from 25<sup>th</sup> September to 01<sup>st</sup> October, 2017



ESR Division

## HIGHLIGHT OF THE WEEK:

### 1. Food poisoning:

**1.1 Rwankuba:** 10 people from Muyongwe sector including eight females and 2 males aged between 21 and 70 years (mean age of 40 years) were presented with diarrhea and vomiting on the 1<sup>st</sup> October 2017 and notified from Rwankuba HC in Gakenke district following the drink of local Sorghum beer during the ceremony of recognition ("Inzoga yo Gutura") on 30 september. Three of them were hospitalized but they are now discharged cured.

**1.2 Gitare HC:** 5 people from the same house including the mother and her four children 3 girls and one boy in Kagogo sector of Burera district got sick with diarrhea and vomiting after eating cassava, they consulted health center the same day on the 28th September. Currently they are all discharged cured. **(Highlights continue on page. 2 & 3)**

### III. Deaths reported nationally: 11 deaths notified countrywide

□ Nine deaths due to **Malaria** were notified including three deaths from Kibungo hospital and one death each from Kibilizi hospital, Muhororo hospital, Murunda hospital, Kibogora hospital, Kirehe hospital and Kibayi HC of Kibilizi hospital

□ Two deaths due to **severe pneumonia under five years old** were notified from Nyagatare and Kibilizi hospital one death each

two cases from Kivuye HC of Butaro, two cases from Nyantanga HC of Munini and one case each from Mtyazo HC of Kabutare, Hanika HC of Nyanza, Mont Cyangu HC of Gihundwe, Kibilizi HC of Nyanza, Munyaga HC of Rwamagana, Sangaza HC of Kibungo, Kamonyi HC of Remera Rukoma and Gituku HC of Kibungo hospital

• **Meningococcal meningitis:** One suspected case was notified from Ngarama hospital

• **Dog bites (rabies exposure):** 8 cases of dog bites (rabies exposure) were notified including two cases from Kibuye, two cases from Kibungo and one case each from Byumba, Nemba, Rwinkwavu and Butaro hospitals.

• **Rubella:** One suspected case of Rubella was notified from Nyarurama HC of Nyagatare hospital

• **Typhoid fever:** 15 suspected cases of Typhoid fever were notified including 15 cases from Gicumbi district including 8 cases from Byumba hospital, three cases from Kigogo HC and two cases Bushara HC and one case each from Mibilizi and Nemba hospitals

• **Viral conjunctivitis:** five cases were notified from Prison Nsinda in Rwamagana district

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# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

**2.Update on Bloody diarrhea cases in Kiziba camp:** Since week 31, Kiziba camp is notifying the high number of bloody diarrhea cases (13 cases in average per week) compared with alert threshold 3cases per week. Fig1 show the trend of cases since week 27 to week 39 in Kiziba camp health facility.

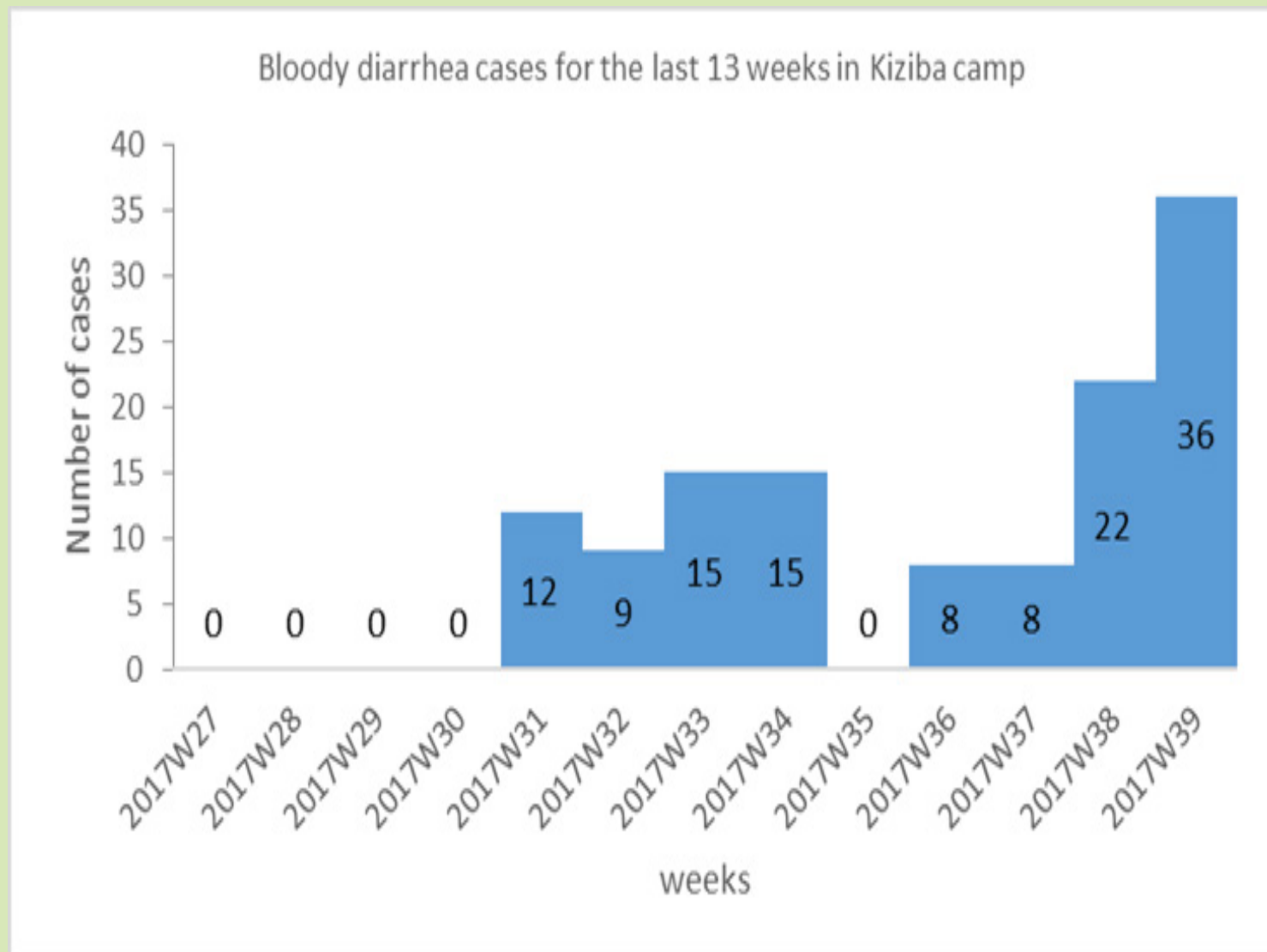


Figure 2.1 Bloody diarrhea cases from w27 to week 39 in Kiziba camp through e-IDSR

# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

## 3. Cholera:

□ **Nyamasheke district:** the week of 25th September to 1st October, Kibogora hospital district notified four suspected cases of Cholera from kirimbi sector including 3 people from the same house. Samples have been taking for laboratory confirmation and follow up is on going.

□ **Rusizi District:** Following the ongoing outbreak of cholera in Nkombo sector, the following is an update of cases notified ever week from Rusizi district.

### 3. 1. Table of notified cases of Cholera from Rusizi district since August 2017

Epi weeks	Number of Cases
2017W30	0
2017W31	0
2017W32	1
2017W33	4
2017W34	16
2017W35	22
2017W36	15
2017W37	14
2017W38	21
2017W39	7
Total	100

Source: Rwanda e-IDSR

**4. Trend of four priority diseases with highest morbidity in 2017:** The figure below shows the trend of cases of the highest morbidity through e-IDSR notified during the last 39 weeks, those include Malaria, Influenza like illness, Non blood diarrhea and severe pneumonia under five years.

#### 4.1 High Morbidity diseases for the last 39 weeks, 2017

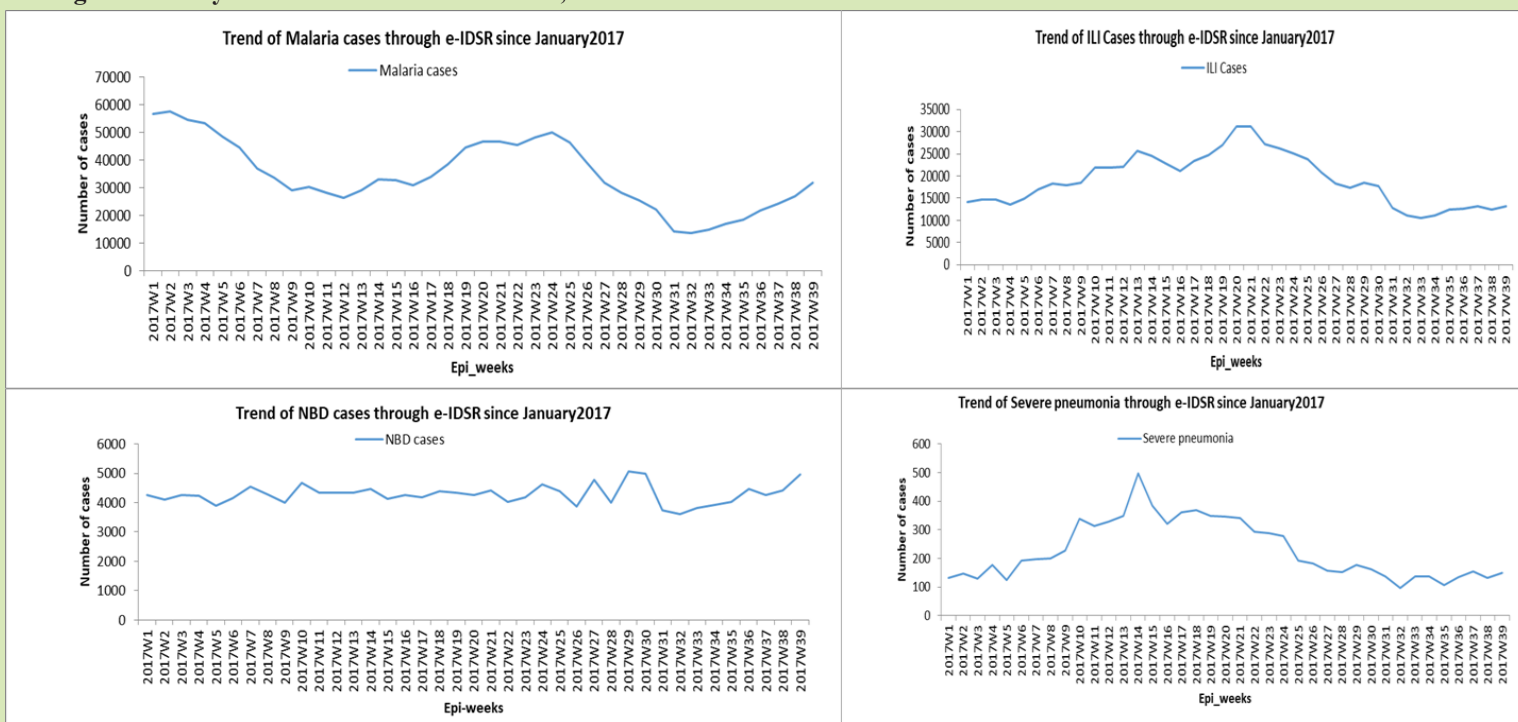


Figure 4.2 High morbidity diseases through e-IDSR in Rwanda

Source: Rwanda e-IDSR

# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

**Table 2: THE FOLLOWING 39 PUBLIC HEALTH FACILITIES DIDN'T SUBMIT THEIR REPORTS IN WEEK 39/2017**

Province	Hospital	Facility Name		Province	Hospital	Facility Name
South	Gakoma	Gakoma DH		East	Gahini	Mukarange CS
South	Gakoma	Musha (gisagara) CS		East	Gahini	Rutare (kayonza) CS
South	Gitwe	Byimana CS		East	Kirehe	Kirehe CS
South	Gitwe	Karambi (ruhango) CS		East	Kirehe	Mahama Refugee Camp HC
South	Gitwe	Muremure CS		East	Kiziguro	Bugarura CS
South	Kabutare	Karama (huye) CS		East	Nyagatare	Bugaragara CS
South	Kabutare	Ruhashya CS		East	Nyagatare	Nyagatare Prison
South	Kabutare	Rusatira-kinazi CS		East	Nyagatare	Nyakigando (Nyagatare) CS
South	Nyanza	Cyaratsi CS		East	Rwamagana	Gishari(Police) CS
South	Nyanza	Gatagara (Nyanza) CS		East	Rwamagana	Nyagasambu CS
South	Nyanza	Mweya CS		Kigali City	Kibagabaga	Kabuye CS
South	Nyanza	Prison Mpanga Pris (nyanza)		Kigali City	Kibagabaga	Prison Kimironko(Remera Pris)
South	Remera R	Nyagihamba CS		Kigali City	Masaka	Nyarugunga CS
West	Bushenge	Mugera CS		Kigali City	Muhima	PCK(Gitega Pris)
West	Gihundwe	Prison Rusizi		North	Butaro	Gahunga CS
West	Kirinda	Kirinda DH		North	Ruhengeri	Nyakinama CS
West	Mugonero	Mpembe CS		North	Ruhengeri	Prison Ruhengeri DISP
West	Murunda	Kabona CS		North	Ruhengeri	Shingiro CS
West	Shyira	Arusha CS				
West	Shyira	Bigogwe CS				
West	Shyira	Shyira DH				



# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

CASES NOTIFIED DURING WEEK 39, 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	Hemorrhagic fever	Measles	Meningitis	Mumps	Neonatal tetanus	Plague	dog bites (Rabies exposure)	Rubella	Typhoid fever	Viral Conjunctivitis	Whooping Cough	Yellow fever
East	Gahini	77.8	77.8	32	50	630	0	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	114	73	3636	1	0	0	1	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0
East	Kirehe	88.9	44.4	334	1004	566	25	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kiziguro	92.3	53.8	115	310	285	2	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	75	374	156	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
East	Nyagatare	86.4	45.5	223	213	144	14	0	3	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
East	Nyamata	100.0	70.6	177	576	4567	8	0	2	4	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
East	Rwamagari	87.5	37.5	239	1066	1248	4	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	5	0	0
East	Rwinkwavu	100.0	62.5	41	43	502	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Kigali City	Kibagabaga	89.5	84.2	200	619	532	4	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Masaka	90.9	90.9	55	183	545	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Muhima	91.7	75.0	116	363	539	4	0	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
North	Butaro	95.0	75.0	178	209	77	5	0	4	1	0	0	0	5	0	2	0	8	0	0	1	0	0	0	0	0
North	Byumba	100.0	76.9	150	562	109	9	0	2	2	0	0	0	0	0	0	0	2	0	0	1	0	13	0	0	0
North	Kinshira	100.0	90.0	98	17	39	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Nemba	100.0	87.5	108	49	92	3	0	1	2	0	0	0	0	0	0	0	3	0	0	1	0	1	0	0	0
North	Ruhengeri	82.4	70.6	109	433	52	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Ruli	100.0	100.0	64	120	250	3	0	5	5	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0
North	Rutongo	100.0	92.3	130	365	266	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Gakoma	66.7	50.0	96	164	1326	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Gitwe	66.7	44.4	12	47	491	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kabgayi	100.0	77.8	74	578	907	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kabutare	83.3	27.8	80	257	266	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
South	Kaduha	100.0	60.0	49	204	233	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kibilizi	100.0	100.0	91	289	2088	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kigeme	100.0	83.3	49	449	396	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Munini	100.0	100.0	101	438	484	1	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
South	Nyanza	77.8	50.0	148	274	737	5	0	2	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
South	Remera Ru	92.3	69.2	52	558	1559	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
South	Ruhango	100.0	75.0	139	225	1839	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Bushenge	75.0	62.5	108	249	511	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gihundwe	88.9	44.4	110	312	617	1	0	0	1	7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
West	Gisenyi	100.0	61.5	222	482	142	17	0	2	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kabaya	100.0	85.7	64	122	81	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	116	254	1426	2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kibuye	100.0	58.3	136	161	461	2	0	43	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
West	Kirinda	83.3	16.7	13	97	292	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Mibilizi	100.0	72.7	90	81	1698	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
West	Mugonero	85.7	71.4	28	122	307	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Muhororo	100.0	90.0	94	134	144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Murunda	94.4	44.4	217	229	567	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Shyira	81.3	56.3	117	385	29	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral Hc	CHUB	100.0	100.0	7	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral Hc	CHUK	100.0	100.0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral Hc	Rwanda M	100.0	0.0	0	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SubTotal		92.7	69.1	4771	12750	30852	144	0	87	42	15	0	0	15	0	15	1	16	0	0	8	1	15	5	0	0

# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Private Health Facilities: Completeness: 35.4 % Timeliness: 24.8%

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	Hemorrhagic fever	Measles	Meningitis	Mumps	Neonatal tetanus	Plague	dog bites (Rabies exposure)	Rubella	Typhoid fever	Viral Conjunctivitis	Whooping Cough	Yellow fever
East	Gahini	4	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kibungo	31	9	872	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	6	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Nyamata	15	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Rwamagari	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	Kibagabaga	72	229	86	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Kigali City	Masaka	5	23	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Muhima	15	31	21	0	0	0	0	0	0	0	0	0	0	0	1	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	Kinshira	0	0	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	4	21	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
North	Rutongu	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	0	1	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	Kabagayi	11	37	22	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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Munini	1	1	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	Busenge	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	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gisenyi	8	19	25	2	0	0	1	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Muhororo	3	5	0	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	422	1070	5	0	0	1	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0