REPUBLIC OF RWANDA

MINISTRY OF HEALTH

EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Week 41 from 09th to 15th October, 2017

RWANDA BIOMEDICAL CENTER
A Healthy People. A Wealthy nation

ESR Division

Summary

I.COMPLETENESS AND TIMELINESS

- For Public Health Facilities Completeness: 94.4 % Timeliness: 77.3 %

- For Privates Health Facilities Completeness: 35.4 % Timeliness: 19.9 %

- Overall Completeness: 81.0 % Timeliness: 64.3 %

The low timeliness is observed in cathment area of Nyagatare, Nyanza and Rwinkwavu hospitals with less than 50% while in Ngarama, Kinihira, Ruli, Rutongo, Kibilizi, Ruhango, Kabaya, Kibogora and Mugonero Hospitals timeliness is 100%.

II. Cases reported by Public and Private HFs:

- **Malaria:** 35,981 cases
- **Flu syndrome:** 13,470 cases
- **Non-bloody Diarrhoea:** 4,634 cases
- **Severe Pneumonia in children under five years:** 146 cases
- **Bloody diarrhoea:** 74 cases
- **Chicken pox:** 46 cases
- **Mumps:** 33 cases
- **Cholera:** 24 cases of Cholera were notified including 15 cases from Kigufi HC of Gisenyi hospital, 6 cases from Nkanka HC and 3 cases from Nkombo HC in Rusizi district

HIGHLIGHT OF THE WEEK

1. Trend of four priority diseases with highest morbidity in 2017: The figure 2 shows the trend of cases of the highest morbidity through e-IDSR notifed during the last 41 weeks, those include Malaria, Influenza like illness, Non blood diarrhea and severe pneumonia under five years. **Continue on P. 2**

2. Update on Bloody diarrhea cases in Kiziba camp: Since week 31, Kiziba camp is notifying the hight number of bloody diarrhea cases. Fig.1 shows the trend of cases since week 27 to week 41 in Kiziba camp health facility. **Continue on P. 3**

III. Deaths reported nationally: 10 deaths notified countrywide

- Eight deaths due to **Malaria** were notified including two deaths each from Kibilizi and Rwinkwivu hospitals, one death each from Kibuye, Mibilizi, Kibagabaga and Kibogora hospitals
- One death due to **severe pneumonia under five years old** were notified from Kibagabaga hospital
- One death due to **Bloody diarrhea** was notified from Mibilizi hospital

- **Food poisoning:** 9 cases were notified including 7 cases from Nyanza and 2 cases from Ruhengeri hospital

- **Measles:** 7 suspected cases of measles were notified including two cases each from Birabo HC of Kirinda hospital and Cyondo HC of Nyagatare hospital, one case each from Rukoma Sake HC of Kibungo, Kamonyi HC and Remera Mbogo HC of Rutongo hospital

- **Meningococcal meningitis:** Three suspected cases were notified including two cases from Ngarama hospital and one case from Byumba hospital

- **Dog bites (rabies exposure):** 9 cases of dog bites (rabies exposure) were notified including two cases from Byumba hospital and one case each from Rwinkwavu, Kibuye, Bigugu HC of Kibuye, Busasamana HC of Gisenyi, Mbuga HC of Kigeme hospital, Kibogora and Nyanza hospitals

- **Rubella:** Two suspected case of Rubella was notified from Mushishiro HC of Kabgayi hospital

- **Typhoid fever:** 36 suspected cases of Typhoid fever were notified including 18 cases from Byumba hospital, 16 cases from Byumba refugee camp and one case each from Mugonero and Ruhengeri hospitals

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EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

1. High Morbidity diseases for the last 41 weeks, 2017

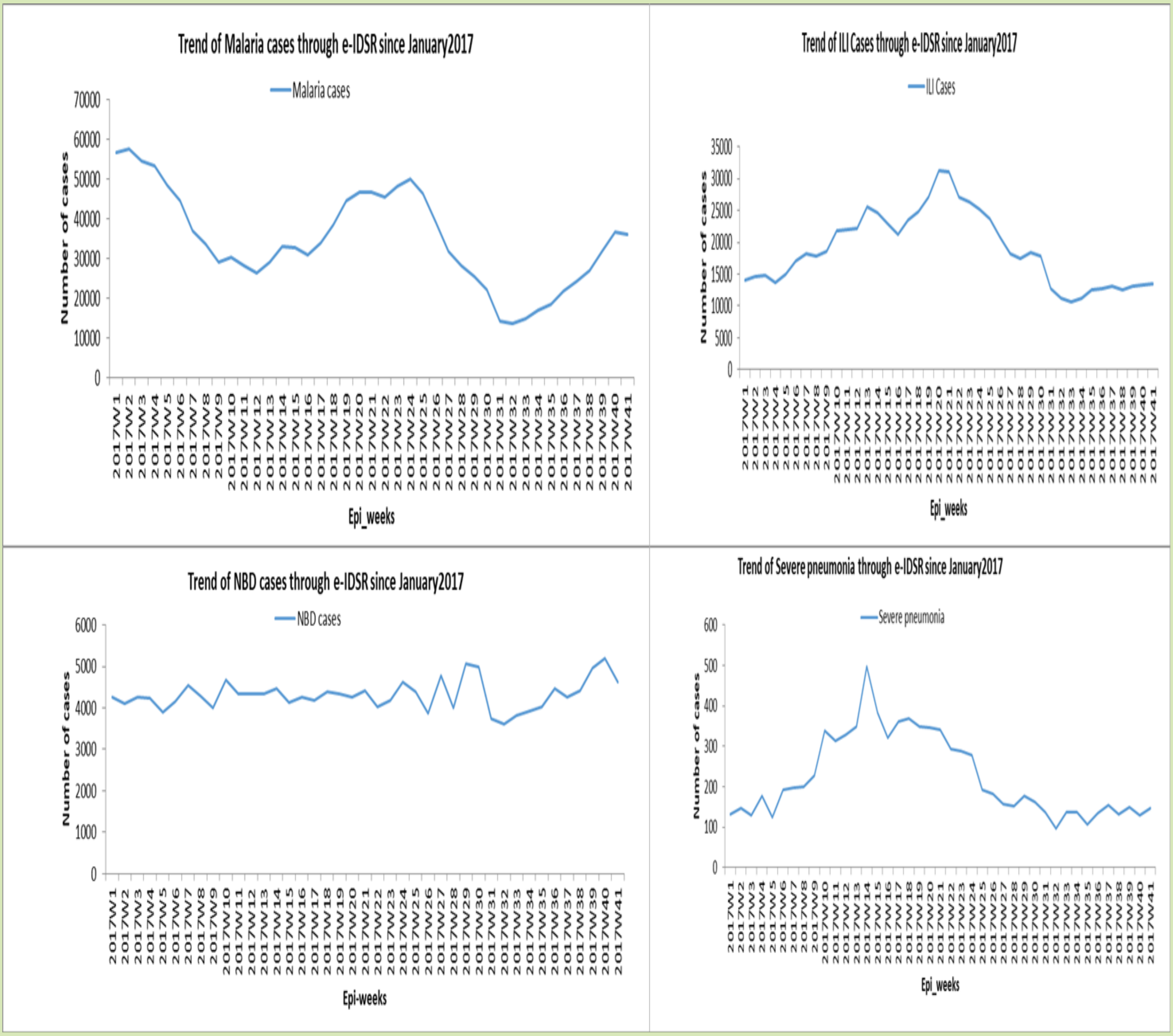
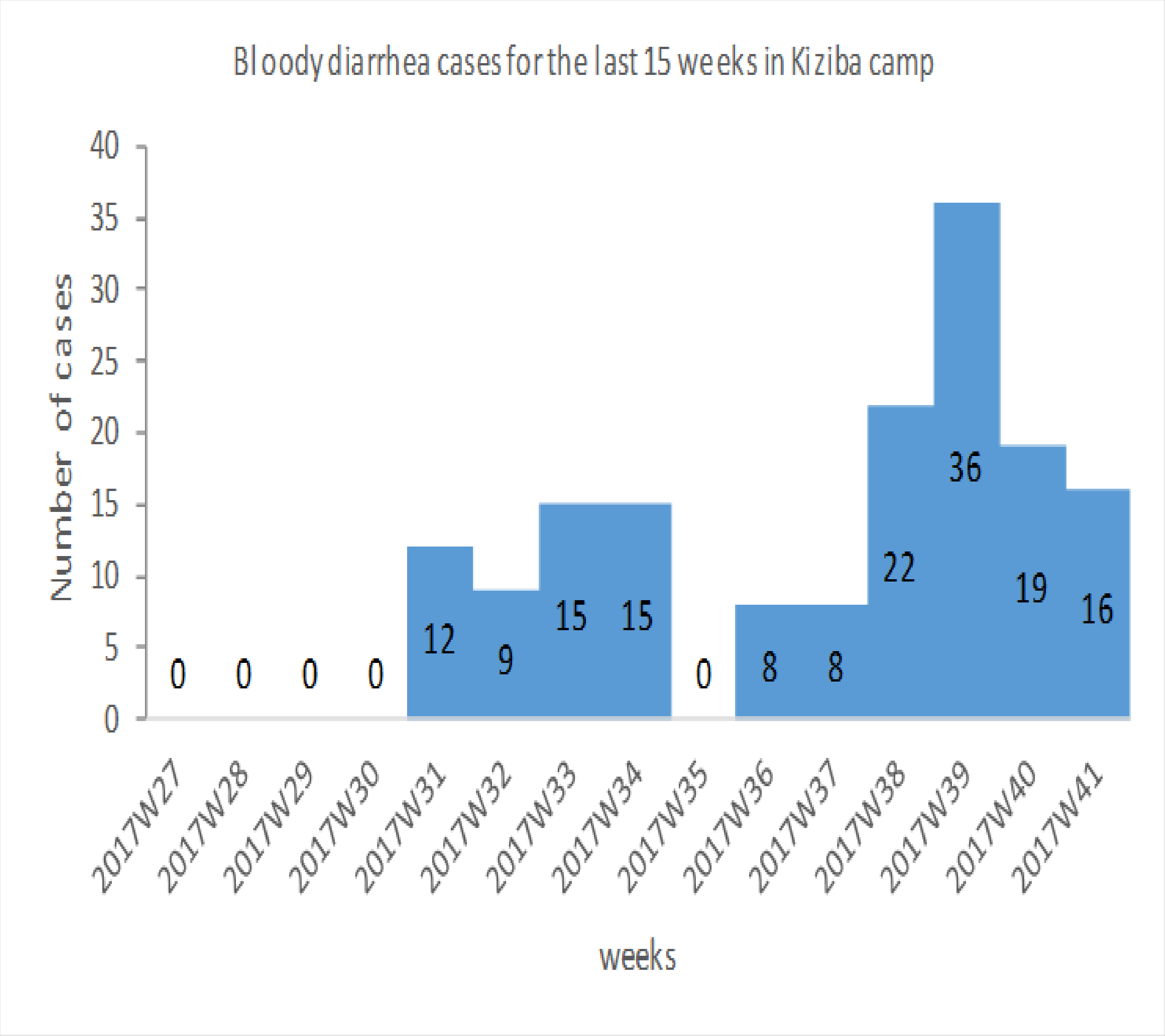


Figure 1. High morbidity diseases through e-IDSR in Rwanda

Source: Rwanda e-IDSR

Figure 2. Bloody diarrhea cases from w27 to week 40 in Kiziba camp through e-IDSR



Source: Rwanda e-IDSR

3. Cholera:

 Rusizi District: Following the ongoing outbreak of cholera in Nkombo sector and neibgouring sectors, the following is an update of cases notified ever week from Rusizi district

Table 1. 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**
2017W40	**13**
2017W41	**9**
Total	**122**

Source:e-IDSR

EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Table 2: THE FOLLOWING 29 PUBLIC HEALTH FACILITIES DIDN'T SUBMIT THEIR REPORTS IN WEEK 41/2017

Province	Hospital	Facility Name
East	Nyagatare	Nyagatare Prison
East	Rwinkwavu	Cyarubare CS
East	Rwinkwavu	Nyamirama CS
East	Gahini	Ryamanyoni CS
Kigali City	Kibagabaga	Gikomero II CS
Kigali City	Kibagabaga	Kabuye CS
Kigali City	Kibagabaga	Prison Kimironko(Remera Pris)
North	Byumba	Munyinya CS
North	Ruhengeri	Murandi CS
North	Ruhengeri	Shingiro CS
West	Gihundwe	Rusizi CS
West	Gisenyi	Mudende CS
West	Gisenyi	Nyundo (rubavu) CS
West	Kirinda	Mwendo (karongi) CS
West	Shyira	Arusha CS
South	Gakoma	Musha (gisagara) CS
South	Gitwe	Mwendo (Gitwe) CS
South	Kabgayi	Prison Gitarama Pris
South	Kabutare	Busoro-gishamvu CS
South	Kabutare	Ruhashya CS
South	Nyanza	Cyaratsi CS
South	Nyanza	Gahombo CS
South	Nyanza	Gatagara (Nyanza) CS
South	Nyanza	Mweya CS
South	Nyanza	Prison Nyanza Pris (nyanza)
South	Remera Rukoma	Kayenzi CS
South	Remera Rukoma	Kigese CS
South	Remera Rukoma	Musambira CS
South	Remera Rukoma	Nyagihamba CS

Table 3. CASES NOTIFIED DURING WEEK 41, 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	88.9	88.9	62	204	690	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kibungo	100.0	85.7	107	35	3166	3	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
East	Kirehe	100.0	94.4	376	1566	885	13	0	4	10	0	0	0	0	0	0	0	1	0	0	0	0	16	0	0	0
East	Kiziguro	100.0	69.2	104	324	451	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Ngarama	100.0	100.0	86	381	383	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
East	Nyagatare	95.5	45.5	211	244	123	4	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
East	Nyamata	100.0	76.5	211	560	6019	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Rwamagar	100.0	56.3	214	1033	1550	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Rwinkwavu	75.0	37.5	45	44	447	6	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Kigali City	Kibagabag	84.2	78.9	193	583	629	6	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Masaka	100.0	100.0	70	264	983	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Muhima	100.0	100.0	106	431	754	6	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Butaro	100.0	85.0	137	157	90	3	0	6	2	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
North	Byumba	96.2	61.5	106	606	127	6	0	2	4	0	0	0	0	0	0	1	14	0	0	2	0	18	0	0	0
North	Kinihira	100.0	100.0	76	27	37	7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
North	Nemba	93.8	93.8	113	79	102	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Ruhengeri	88.2	70.6	139	430	74	8	0	1	3	0	0	0	2	0	0	0	4	0	0	0	0	1	0	0	0
North	Ruli	100.0	100.0	50	134	155	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Rutongo	100.0	100.0	94	311	282	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
South	Gakoma	83.3	66.7	46	200	1302	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Gitwe	88.9	55.6	24	122	917	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kabgayi	94.4	77.8	60	579	1029	14	0	0	3	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
South	Kabutare	88.9	61.1	118	203	335	1	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kaduha	100.0	70.0	29	225	248	2	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	106	314	1822	2	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kigeme	100.0	83.3	63	312	398	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
South	Munini	100.0	88.2	87	527	563	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Nyanza	72.2	38.9	118	293	747	4	0	12	1	0	0	0	7	0	0	0	2	0	0	1	0	0	0	0	0
South	Remera Ru	69.2	53.8	52	303	1077	3	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
South	Ruhango	100.0	100.0	53	255	2478	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Bushenge	87.5	87.5	75	232	516	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gihundwe	88.9	66.7	55	275	704	1	0	1	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gisenyi	84.6	84.6	225	325	76	9	0	0	0	15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
West	Kabaya	100.0	100.0	52	91	62	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	140	237	1445	3	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
West	Kibuye	100.0	75.0	88	128	505	0	0	20	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
West	Kirinda	83.3	50.0	27	99	427	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
West	Mibilizi	100.0	72.7	92	73	1886	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Mugonero	100.0	100.0	35	113	478	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
West	Muhororo	100.0	80.0	33	116	142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Murunda	100.0	88.9	272	224	615	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Shyira	93.8	68.8	111	419	29	1	0	4	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Referral hc	CHUB	100.0	100.0	7	18	7	1	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	2	7	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	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub Total		**94.4**	**77.3**	**4468**	**13099**	**34768**	**134**	**0**	**74**	**44**	**24**	**0**	**0**	**9**	**0**	**7**	**3**	**32**	**0**	**0**	**9**	**1**	**36**	**0**	**0**	**0**

Private Health Facilities: Completeness: 35.4 % Timeliness: 19.9%

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
East	Gahini	7	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kibungo	28	9	951	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	1	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Nyamata	18	42	13	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	33	102	60	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Masaka	1	27	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Muhima	9	62	35	4	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	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	17	26	0	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	0	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	19	59	77	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Munini	2	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	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	8	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gisenyi	23	14	23	5	0	0	2	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	2	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
Sub Total		**166**	**371**	**1213**	**12**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**