



EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Week 37 from 11st to 17th September, 2017



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ESR Division

SUMMARY

I. COMPLETENESS AND TIMELINESS

- For Public Health Facilities Completeness: 95.1 %
Timeliness: 75.3 %
- For Privates Health Facilities Completeness: 32.9 %
Timeliness: 31.3 %
- Overall Completeness: 81.0 %
Timeliness: 65.3 %

The low timeliness is observed in cathment area of Kiziguro, Nyagatare, Kabutare and Kirinda hospitals with less than 50% while in Kibungo, Nemba, Ruli, Rutongo, Ruhango, Kabaya and Kibogora Hospitals timeliness is 100%.

II. Cases reported by Public and Private HFs:

- **Malaria:** 24,189 cases
- **Flu syndrome:** 13,101 cases
- **Non-bloody Diarrhoea:** 4,271 cases
- **Severe Pneumonia in children under five years:** 154 cases
- **Shigellosis:** 58 cases
- **Chicken pox:** 56 cases
- **Mumps:** 15 cases
- **AFP:** Four cases of Acute Flaccid Paralysis were notified one case each from Nyagahita HC of

HIGHLIGHT OF THE WEEK:

1. Cholera:

- **Rubavu district:** the week of 11st to 17th September Rubavu District notified one case of Cholera from Gacuba II HC. A 7 years old female from Gisenyi district get sick and consulted the Gacuba HC on 14th September 2017 with abdominal pain, diarrhea, severe dehydration and vomiting.
- **Rusizi District:** Following the ongoing outbreak of cholera in Nkombo sector, neighbouring health facilities notified also cholera cases since last two weeks, those include 4 cases from Rusizi HC, 2 cases from Gihundwe HC and One case from Nkanka HC.

III. Deaths reported nationally: 15 deaths notified countrywide

- One death due to **Non Bloody Diarrhea** was notified from Nyagatare DH
- Nine deaths due to **Malaria** were notified including three deaths from Ruli DH, two from Rwinkwavu DH and one death each from Kibungo, Nemba, Kabgayi and Kibuye hospitals.
- Five deaths due to **severe pneumonia under five years old** were notified including two deaths from Nemba DH, two deaths from Kibuye PH and one death from Mibilizi DH

Nyagatare hospital, Busasamana HC of Gisenyi hospital, Rubona HC of Rwamagana hospital and Shyira hospital

- **Cholera:** 15 cases of Cholera were notified including 13 cases from Nkombo HC and one case from Nkanka HC for Rusizi district and one case from Gacuba II HC for Rubavu district
- **Measles:** 7 suspected cases of measles were notified including one case each from Kibilizi HC of Nyanza hospital, Shyira HC of Shyira hospital, Cyondo HC of Nyagatare hospital, Rurenge HC of Nyagatare hospital, Kinazi HC of Ruhango hospital, Masaka HC of Msaka hospital and Ndama HC of Nyagatare hospital
- **Meningococcal Meningitis:** One case of Meningococcal Meningitis was notified from Ngarama hospital
- **Dog bites (rabies exposure):** 9 cases of dog bites (rabies exposure) were notified including five cases from Rulindo HC of Rutongo hospital and one case each from Byumba hospital, Nemba hospital, Shyira hospital and Nyanza hospital
- **Rubella:** Two suspected case of Rubella were notified each case from Mushishi-ro HC of Kabgayi hospital and Ndama HC of Nyagatare DH
- **Typhoid fever:** 64 suspected cases of Typhoid fever were notified including 21 cases from Mahama refugee camp II HC, 43 cases from Gicumbi district including 28 cases from Byumba hospital, 4 cases from Manyagiro HC, 4 cases from Giti HC, 3 cases from Kigogo HC, 2 cases from Byumba HC, one case from Miyove HC and one case from Mukarange HC

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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
Total	72

Source:e-IDSR

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2.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 37 weeks, those include **Malaria**, **Influenza like illness**, **Non blood diarrhea** and **severe pneumonia** under five years.

2.1 Figure1. High morbidity diseases through e-IDSR in Rwanda

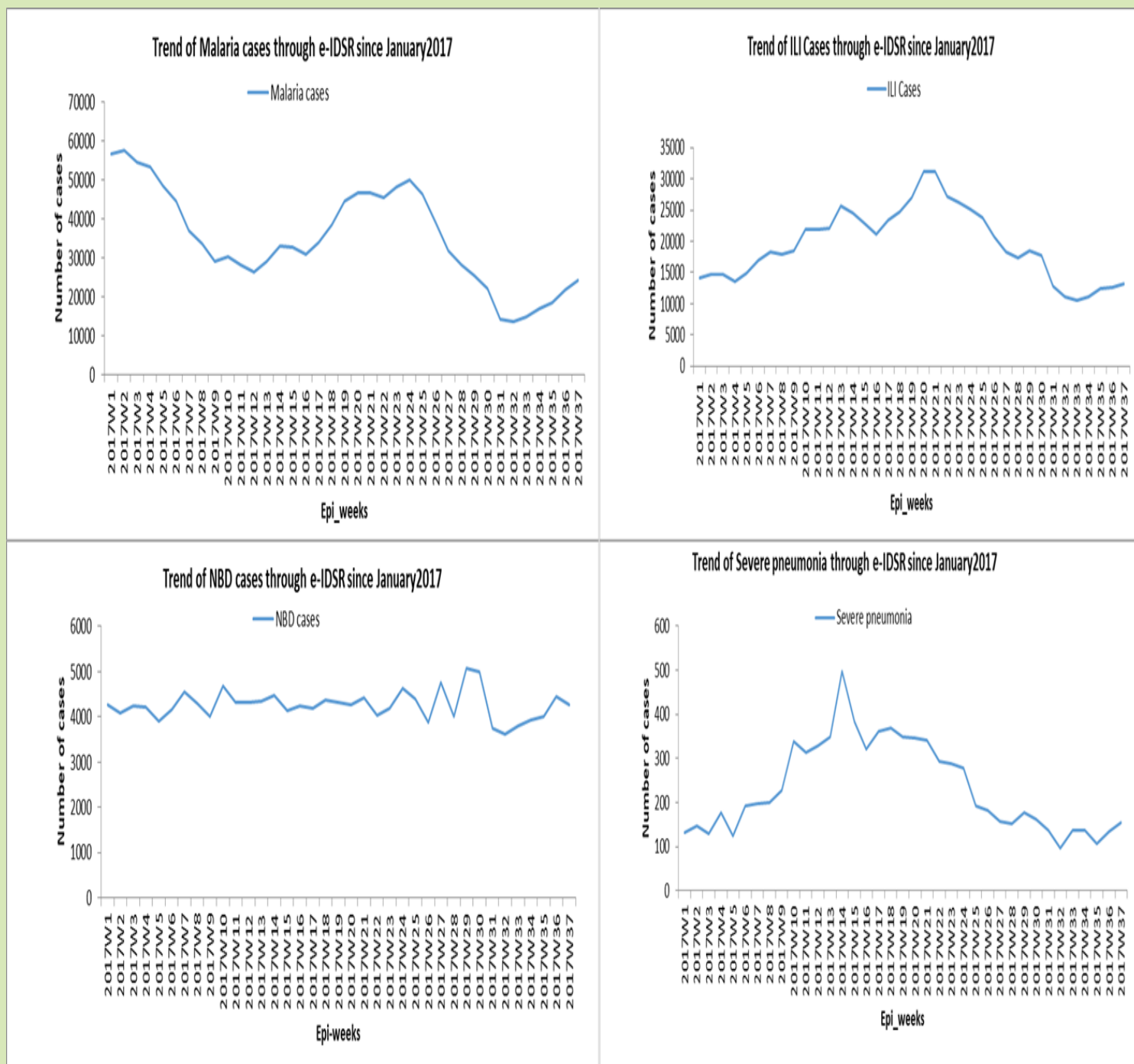


Figure1. High morbidity diseases through e-IDSR in Rwanda

Source: Rwanda e-IDSR

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Table 2: THE FOLLOWING 25 PUBLIC HEALTH FACILITIES DIDN'T SUBMIT THEIR REPORTS IN WEEK 37/2017

Province	Hospital	Facility Name		Province	Hospital	Facility Name
East	Gahini	Kageyo I (Kayonza Gahini) CS		South	Gakoma	Musha (gisagara) CS
East	Kirehe	Mahama CS		South	Gitwe	Muremure CS
East	Kirehe	Nyarubuye (kirehe) CS		South	Kabgayi	Prison Gitarama Pris
East	Rwinkwavu	Cyarubare CS		South	Kabutare	Huye Police CS
Kigali City	Kibagabaga	Prison Kimironko(Remera Pris)		South	Kabutare	Rango CS
Kigali City	Masaka	Kairos CS		South	Kabutare	Simbi CS
Kigali City	Muhima	PCK(Gitega Pris)		South	Kaduha	Kaduha DH
North	Ruhengeri	Gasiza (musanze) CS		South	Kaduha	Rugege CS
North	Ruhengeri	Kimonyi CS		South	Kigeme	Cyanika (nyamagabe) CS
North	Ruhengeri	Murandi CS		South	Nyanza	Gahombo CS
West	Bushenge	Mukoma (nyamasheke) CS		South	Nyanza	Prison Mpanga Pris (nyanza)
West	Kirinda	Kirinda DH				
West	Kirinda	Mwendo (karongi) CS				
West	Shyira	Arusha CS				

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Table 3. CASES NOTIFIED DURING WEEK 37, 2017

Public Health Facility																										
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	88.9	88.9	38	163	542	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	55	1545	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kirehe	88.9	83.3	384	1510	325	21	0	0	10	0	0	0	0	0	0	0	0	2	0	0	0	0	21	0	0
East	Kiziguro	100.0	46.2	78	215	243	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Ngarama	100.0	87.5	49	320	102	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
East	Nyagatare	100.0	40.9	164	259	122	4	1	1	0	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0
East	Nyamata	100.0	94.1	124	622	3370	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Rwamagari	100.0	56.3	155	1030	847	3	1	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Rwinkwavu	87.5	75.0	72	43	384	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Kibagabaga	94.7	78.9	146	625	498	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Masaka	90.9	90.9	59	187	373	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Kigali City	Muhima	91.7	66.7	70	256	412	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Butaro	100.0	75.0	177	196	86	2	0	7	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
North	Byumba	100.0	76.9	171	518	103	9	0	2	6	0	0	0	0	0	0	0	0	4	0	0	1	0	43	0	0
North	Kinshira	100.0	70.0	67	32	33	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Nemba	100.0	100.0	92	58	108	5	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
North	Ruhengeri	82.4	58.8	156	380	45	5	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Ruli	100.0	100.0	31	114	150	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Rutongo	92.3	100.0	111	339	215	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
South	Gakoma	83.3	83.3	69	189	1000	1	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Gitwe	88.9	55.6	13	96	614	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kabgayi	94.4	55.6	81	453	814	6	0	2	7	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
South	Kabutare	77.8	38.9	98	253	278	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kaduha	80.0	60.0	51	202	248	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kibilizi	100.0	90.0	74	339	1264	4	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kigeme	91.7	75.0	59	398	245	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
South	Munini	100.0	82.4	120	436	454	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Nyanza	88.9	72.2	91	275	629	3	0	4	5	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
South	Remera R	100.0	76.9	34	602	1074	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Ruhango	100.0	100.0	52	256	1443	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
West	Bushenge	87.5	75.0	63	105	569	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gihundwe	100.0	88.9	106	277	480	2	0	0	1	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gisenyi	100.0	76.9	176	417	141	9	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kabayi	100.0	100.0	42	95	87	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	113	288	1393	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kibuye	100.0	83.3	138	180	554	2	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kirinda	66.7	0.0	21	45	194	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Mibilizi	100.0	81.8	85	47	1267	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Mugonero	100.0	85.7	41	129	465	11	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	33	72	99	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Murunda	100.0	77.8	187	272	683	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Shyira	93.8	68.8	130	411	42	6	1	0	1	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0
Referral H	CHUB	100.0	100.0	6	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral H	CHUK	100.0	100.0	0	1	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral H	Rwanda M	100.0	0.0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub Total		95.1	75.3	4123	12767	23560	150	4	58	55	15	0	0	0	0	7	1	15	0	0	9	2	64	0	0	0

EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Private Health Facilities: Completeness: 32.9% Timeliness 31.1%

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	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kibungo	16	8	447	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	5	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Nyamata	17	17	1	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	51	146	53	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Masaka	4	37	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Muhima	8	33	26	3	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	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	8	28	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	9	26	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	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Munini	2	2	1	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 R	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	3	12	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gisenyi	20	13	31	0	0	0	0	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	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	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Shyirira	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		148	334	629	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0