



## SUMMARY

### I.COMPLETENESS AND TIMELINESS

- For Public Health Facilities Completeness: 89.6 % Timeliness: 82.3 %
- For Privates Health Facilities Completeness: 26.1 % Timeliness: 22.3 %
- Overall Completeness: 75.8% Timeliness: 68.8 %

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

- **Malaria:** 51,013 cases
- **Flu syndrome:** 16,842 cases
- **Non-bloody Diarrhoea:** 4,610 cases
- **Severe Pneumonia in children under five years:** 197 cases
- **Bloody diarrhoea:** 69 cases
- **Chicken pox:** 72 cases
- **Mumps:** 71 cases
- **Cholera:** 4 cases of Cholera were notified from Kigufi HC of Gisenyi hospital
- **Measles:** 10 suspected cases of measles were notified including two cases from Nyange B HC of Muhororo hospital , two cases from Nyarurama HC of Ruhango hospital, one case each from Busasamana HC of Gisenyi, Gahunga HC of Butaro, Giti HC of Byumba, Mushubati HC of Murunda, Ruhuha HC of Nyamata and Shyira HC of Shyira hospitals.

# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Week 46 from 13<sup>rd</sup> to 19<sup>th</sup> November, 2017



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## HIGHLIGHT OF THE WEEK:

**1. Mumps:** Increased number of cases in Gihembe refugee camp since the last 6 weeks. This 46<sup>th</sup> week is characterized by a peak. **On P.2**

**2. 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 notified during the last 46 weeks, those include Malaria, Influenza like illness, Non blood diarrhea and severe pneumonia under five years. **On P. 4**

### III. Deaths reported nationally: 05 deaths notified countrywide

- Two deaths due to **Malaria** were notified including one death each from Kibilizi and Kibungo hospitals
- Three deaths due to **Severe Pneumonia under five years old** were notified including one death each from Munyinya HC of Byumba, Kibuye and Nemba hospitals

- **Meningococcal meningitis:** two suspected cases of meningococcal meningitis were notified one case each from Mbuga HC of Kigeme and Ngarama hospital. Laboratory confirmation not done.
- **Dog bites (rabies exposure):** 12 cases of dog bites (rabies exposure) were notified including three cases from Byumba hospital, two cases from Kigeme hospital, two cases from Kinini HC of Rutongo hospital, one case each from Biruyi HC of Murunda, Kibogora, Kibungo, Masaka and Shyira hospitals
- **Typhoid fever:** 29 suspected cases of Typhoid fever were notified including 19 cases from Mahama refugee camp, 8 cases from Gicumbi district including seven from Byumba hospital and one from Gisiza HC and two cases from Kigeme hospital

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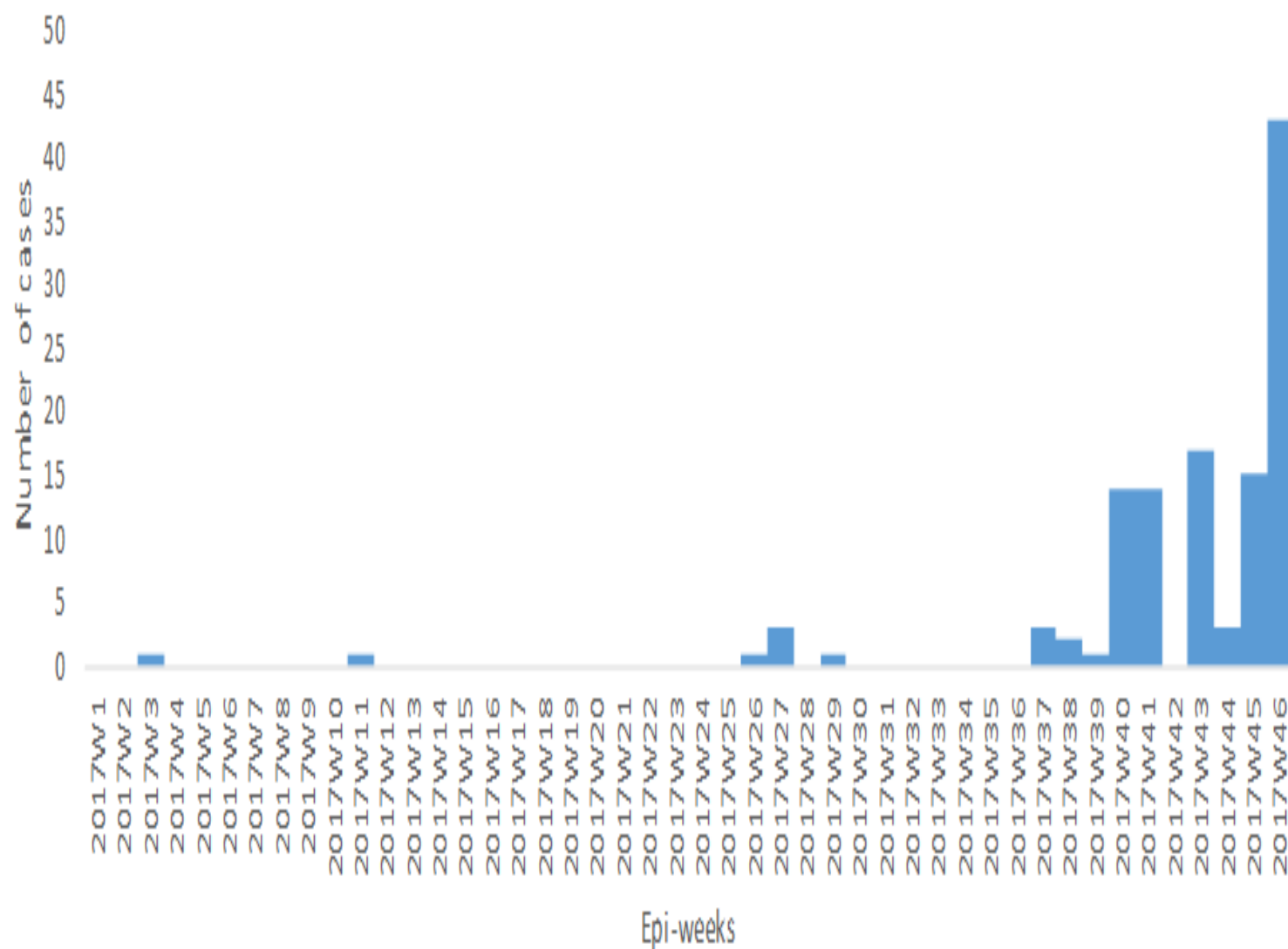


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# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

From P. 1



**Figure 1. Trend of mumps cases from Gihembe camp since week 1 to week 46/2017**

Source: eIDSR

## Highlight on Mumps

This week, **Mumps** is featured:

Mumps is a viral infection that primarily affects salivary glands. Symptoms usually appear 2–3 weeks after infection, and include headache, muscle pain, low-grade fever, loss of appetite and malaise. Soon after, swelling of one or both parotid glands appear. The virus usually causes mild disease in children, but in adults can lead to complications, such as:

- Meningitis,
- Encephalitis
- Inflammation of testicles (orchitis) or ovaries (oophoritis) in boys and girls (respectively) who have reached puberty.
- Temporary deafness

## Transmission

Mumps is spread by droplets of saliva or mucus from the mouth, nose, or throat of an infected person, usually when the person coughs, sneezes or talks. Items used by an infected person, such as cups or soft drink cans, can also be contaminated with the virus, which may spread to others if those items are shared. The virus may also spread when someone with mumps touches items or surfaces without washing their hands and someone else then touches the same surface and rubs their mouth or nose.

Most mumps transmission occurs before the salivary glands begin to swell and within the 5 days after the swelling begins.

In hot climates the disease may occur at any time of year, whereas in temperate climates the incidence peaks in winter and spring.

Humans are the only known natural host for the mumps virus, which is spread via direct contact or by airborne droplets from the upper respiratory tract of infected individuals. The incubation time averages 16–18 days with a range of 2–4 weeks.

## Treatment for mumps

There is no treatment for mumps itself, but age-appropriate painkillers, such as paracetamol or ibuprofen may help relieve some of the symptoms.

A cold compress such as a moist flannel may help relieve some of the pain from the swollen glands.

Resting and drinking plenty of fluids may be advised, as well as having food such as soup that doesn't need to be chewed.

Always seek medical advice if you suspect mumps. General Practitioners need to know about cases of mumps so that public health authorities can help stop the infection spreading.

## Prevention and Control

Isolation of mumps patients for 5 days after the glands begin to swell is recommended.

Other preventive measures if somebody has mumps include:

- \* Minimizing close contact with other people, especially babies and people with weakened immune systems that cannot be vaccinated.
- \* Staying home from work or school for 5 days after the glands begin to swell
- \* Avoiding close contact with other people who live in the same households.
- \* Covering mouth and nose with a tissue when coughing or sneezing
- \* Washing hands often with soap
- \* Avoid sharing drinks or eating utensils.

## 1. High Morbidity diseases for the last 46 weeks, 2017



High morbidity diseases through e-IDSR in Rwanda

Source: Rwanda e-IDSR

# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Table 1: THE FOLLOWING 59 PUBLIC HEALTH FACILITIES DIDN'T SUBMIT THEIR REPORTS IN WEEK 46/2017

Province	Hospital	Health Facility		Province	Hospital	Health Facility
East	Gahini	Gahini DH		North	Butaro	Butaro DH
East	Gahini	Mukarange CS		North	Butaro	Ndongozi CS
East	Gahini	Rutare (kayonza) CS		North	Byumba	Bwisige CS
East	Kiziguro	Gitoki CS		North	Byumba	Rushaki CS
East	Kiziguro	Rugarama (gatsibo) CS		North	Nemba	Rukura CS
East	Nyagatare	Cyondo CS		North	Ruhengeri	Kabere CS
East	Nyagatare	Kabuga (karama Nyagatare) CS		North	Ruhengeri	Murandi CS
East	Nyagatare	Nyagatare Prison		North	Ruhengeri	Prison Ruhengeri DISP
East	Rwinkwavu	Cyarubare CS		North	Ruhengeri	Shingiro CS
Kigali City	Kibagabaga	Avega Kigali CS		North	Ruli	Nyange (ruli) CS
Kigali City	Kibagabaga	Prison Kimironko(Remera Pris)		North	Ruli	Ruli CS
Kigali City	Masaka	Bethsaida CS		North	Rutongo	Murambi CS
Kigali City	Muhima	Mwendo (nyarugenge) CS		West	Gisenyi	Bugeshi CS
Kigali City	Muhima	PCK(Gitega Pris)		West	Gisenyi	Byahi (rubavu) CS
South	Gitwe	Munanira CS		West	Gisenyi	Gacuba li CS
South	Gitwe	Muyunzwe CS		West	Gisenyi	Mudende CS
South	Kabutare	Karama (huye) CS		West	Kabaya	Hindiro CS
South	Kabutare	Kinyamakara CS		West	Kabaya	Kabaya CS
South	Kabutare	Mukura (Huye) CS		West	Kabaya	Muramba CS
South	Kabutare	Rubona (huye) CS		West	Kirinda	Biguhu CS
South	Kabutare	Simbi CS		West	Kirinda	Kirinda DH
South	Kaduha	Musebeya CS		West	Kirinda	Mwendo (karongi) CS
South	Kibilizi	Kigembe CS		West	Mibilizi	Islamic (Bugarama) CS
South	Munini	Ngera CS		West	Mibilizi	Mashesha CS
South	Munini	Nyantanga CS		West	Mibilizi	Mibilizi CS
South	Nyanza	Cyaratsi CS		West	Mibilizi	Nyakabuye CS
South	Nyanza	Gahombo CS		West	Shyira	Arusha CS
South	Nyanza	Gatagara (Nyanza) CS				
South	Nyanza	Hanika I (NYANZA) CS				
South	Nyanza	Nyamiyaga (Nyanza) CS				
South	Nyanza	Nyanza DH				



# EPIDEMIC SURVEILLANCE AND RESPONSE WEEKLY REPORT

Table 2. CASES NOTIFIED DURING WEEK 46, 2017

Province	Hospital catchment area	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 Pneumo nia for under five years	Acute Flaccid Paralysis	Bloody Diarrhea	Chicken Pox	Cholera	Diphtheri a	Epidemic Typhus	Food poisonin g	Hemorra gic fever	Measles	Meningiti s	Mumps	Neonatal tetanus	Plague	dog bites (Rabies exposure )	Rubella	Typhoid fever	Viral Conjunct ivitis	Whoopin g Cough	Yellow fever
East	Gahini	9	66.7	66.7	3	66.7	66.7	53	58	1587	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Kibungo	13	100.0	92.3	1	100.0	100.0	51	84	4939	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
East	Kirehe	19	100.0	89.5	1	0.0	0.0	329	1448	1344	17	0	2	22	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0
East	Kiziguro	13	84.6	76.9	3	0.0	0.0	141	546	1715	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Ngarama	8	100.0	100.0	0			77	466	519	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
East	Nyagatare	22	86.4	81.8	17	11.8	11.8	114	235	138	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East	Nyamata	17	100.0	100.0	1	0.0	0.0	137	647	6425	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
East	Rwamagana	16	100.0	93.8	4	0.0	0.0	215	1685	4323	5	0	1	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	37	157	1248	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigali City	Kibagabaga	18	88.9	88.9	30	33.3	30.0	217	1095	1839	9	0	0	18	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Kigali City	Masaka	11	90.9	100.0	21	14.3	14.3	58	338	1732	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Kigali City	Muhima	12	83.3	91.7	29	34.5	20.7	115	353	1183	3	0	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Kigali City	Kacyiru	1	100.0	100.0	0			0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Butaro	20	90.0	85.0	1	100.0	100.0	194	231	108	7	0	2	4	0	0	0	0	0	0	1	0	9	0	0	0	0	0	0	0
North	Byumba	26	92.3	76.9	3	0.0	0.0	119	547	213	12	0	0	9	0	0	0	0	0	0	1	0	46	0	0	3	0	8	0	0
North	Kinshira	10	100.0	70.0	1	0.0	0.0	77	38	71	3	0	0	1	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
North	Nemba	16	93.8	93.8	0			98	65	128	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Ruhengeri	17	76.5	58.8	3	33.3	33.3	146	453	97	12	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Ruli	9	77.8	77.8	0			32	138	81	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North	Rutongo	13	92.3	92.3	0			96	347	409	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
South	Gakoma	6	100.0	83.3	1	100.0	100.0	64	256	1964	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Gitwe	9	77.8	66.7	0			29	165	1623	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kabgayi	18	100.0	100.0	4	25.0	25.0	118	743	1455	8	0	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
South	Kabutare	18	72.2	55.6	2	0.0	0.0	109	326	479	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kaduha	10	90.0	90.0	0			77	226	364	0	0	2	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			91	202	1860	4	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Kigeme	12	100.0	75.0	2	100.0	50.0	91	592	646	11	0	1	1	0	0	0	0	0	0	1	0	0	0	0	2	0	2	0	0
South	Munini	17	88.2	82.4	1	100.0	100.0	123	684	762	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Nyanza	18	66.7	38.9	1	0.0	0.0	124	381	881	0	0	8	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
South	Remera Ruk	14	100.0	92.9	3	0.0	0.0	79	973	2767	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South	Ruhango	8	100.0	100.0	4	0.0	0.0	62	250	2088	3	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
West	Bushenge	8	87.5	62.5	1	0.0	0.0	89	292	825	9	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	50.0	50.0	80	230	433	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Gisenyi	15	73.3	66.7	9	22.2	22.2	296	737	187	2	0	0	3	4	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0
West	Kabaya	10	70.0	70.0	2	0.0	0.0	28	98	142	1	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			122	212	1817	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
West	Kibuye	13	100.0	69.2	0			96	213	481	3	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Kirinda	6	50.0	50.0	0			20	82	432	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Mibilizi	12	66.7	66.7	3	66.7	66.7	60	111	2172	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Mugonero	7	100.0	100.0	0			42	116	418	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West	Muhororo	16	100.0	87.5	1	100.0	100.0	66	199	254	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
West	Murunda	18	100.0	94.4	0			275	374	767	22	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
West	Shyira	17	94.1	88.2	1	0.0	0.0	159	410	54	1	0	23	0	0	0	0	0	0	0	1	0	3	0	0	1	0	0	0	0
Referral H	CHUK	1	100.0	100.0	0			2	2	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral H	CHUB	1	100.0	100.0	0			2	36	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					