



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

WEEK 11

11th – 17th MARCH 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

In Epid. Week 11, 2012, Sarawak Health Department received reports of 28 HFMD clusters, three suspected measles clusters, one suspected whooping cough cluster and one food poisoning outbreak.

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SARAWAK
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

Communicable Disease Control Section, Sarawak Health Department

(Phone: 082-246350; e-mail: opsroom_jkns@srwk.moh.gov.my or cdcjkns@gmail.com; Fax: 082-247254)

2. NEW OUTBREAKS/CLUSTERS

No	Disease	District	Locality	Case (No)	Outbreak declared
1	Food Poisoning	Mukah	Rinwood Pelita Plantation SDN.BHD Quarters, Mukah	7	16 March 2012

2.1 HFMD CLUSTERS SUMMARY

District	Category of Cluster				Total
	Family	School	Kindergarten	Child Care Centre	
Lundu	1	0	0	0	1
Bau	0	0	0	0	0
Kuching	9	1	1	1	12
Samarahan	3	0	0	0	3
Serian	0	0	0	0	0
Simunjan	1	0	0	0	1
Betong	0	0	0	0	0
Daro	1	0	0	0	1
Mukah	1	0	0	0	1
Matu	2	0	0	0	2
Sibu	1	0	0	0	1
Selangau	1	0	0	0	1
Sarikei	0	0	0	1	1
Tatau	3	0	0	0	3
Miri	1	0	0	0	1
Marudi	0	0	0	0	0
Limbang	0	0	0	0	0
Total	24	1	1	2	28

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 10, 2012

District	***HIV/AIDS	Acute Poliomyelitis	Chancroid	Cholera	Diphtheria	*Dengue/DHF	Dysentery	Ebola	Food Poisoning	***Gonorrhoea	Hand, Foot & Mouth	**Leprosy	*Malaria	Whooping Cough	Measles	Plague	Rabies	Relapsing Fever	***Syphilis	Tetanus	**Tuberculosis (All forms)	Typhoid & Paratyphoid Fever	Typhus, Scrub	Viral Hepatitis	Viral Encephalitis	Yellow Fever	Leptospirosis
Lundu											8		1														
Bau						2					12										1						
Kuching										5	136			3	1				4		7						
Samarahan						1					32										1						
Asajaya											8																
Simunjan											9																
Serian											2																
Sri Aman						3					26				2												
L/ Antu						2					4																
Betong											12										2						
Saratok											1										1						
Sarikei						1	2				16				1												
Meradong											1										3						
Pakan/Julau						2					7		2								1						
Daro											4										1						
Matu											8																
Dalat						1					7																
Mukah									7	1	8																
Sibu										1	22								1		4						1
Kanowit											4		4														
Selangau										1	5		1								1						
Song											2		2														
Kapit											14		1								2						1
Belaga											0										1						
Tatau						1					15										1						
Bintulu						2	2				28				4				1		4						
Miri						4					30		2		4						6						
Marudi											0		1								1						
Limbang						1					29				2						1						
Lawas						1				1	10																
TOTAL (Week 11)	0/0	0	0	0	0	21	4	0	7	9	460	0	14	3	14	0	0	0	6	0	38	0	0	0	0	0	2
Total (2012)	8/3	0	0	0	0	131	9	0	158	32	3144	0	172	4	201	0	0	0	9	0	139	4	0	25	2	0	7
Total (2011)	164/82	0	0	252	0	974	9	0	1323	445	3170	25	1761	37	335	0	0	0	194	1	1707	6	0	137	25	0	186
Total (2010)	141/113	0	0	0	0	4240	62	0	1299	437	4987	22	2802	10	132	0	0	0	230	1	1639	27	0	35	2	0	49
Total (2009)	143/89	0	1	0	0	4564	82	0	1223	438	9655	15	2158	4	56	0	0	0	339	0	1689	24	1	169	10	0	0

** TB & leprosy: notification from TB/Leprosy Control Section. **Figures are on monthly basis.**

*** HIV/AIDS, gonorrhoea, syphilis, and Hepatitis B: notification from STD/AIDS Section
HFMD notification is based on masterlist.

Leptospirosis was gazetted as a notifiable disease on 9th December 2010.

4. SURVEILLANCE REPORT ON FOOD-WATER BORNE DISEASES

4.1. Summary of total number of food-water borne diseases in Sarawak from Epid. Week 1 till Epid. Week 11, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	2	5	0	10	3	0	0	1
Samarahan	1	6	0	1	0	0	0	0
Sri Aman	0	1	0	0	0	0	0	0
Betong	2	1	0	0	0	0	0	0
Sarikei	2	7	0	2	0	0	0	0
Sibu	0	2	0	0	0	0	0	0
Kapit	0	4	0	1	0	0	0	0
Mukah	2	0	0	0	1	0	0	0
Bintulu	1	6	0	0	0	0	0	0
Miri	2	0	0	0	0	0	0	0
Limbang	0	0	0	0	0	0	0	0
Sarawak	12	32	0	14	4	0	0	1

Note: S = Suspected; C = Confirmed

4.2. Food Poisoning

One food poisoning outbreak was reported in Epid. Week 11, 2012 from Rinwood Pelita Plantation Sdn. Bhd. Workers quarters, Mukah district on 16th March 2012 involving 7 persons. The suspected food was **Cencaluk**.

4.3. Cholera

No case was reported in Epid. Week 11, 2012.

4.4. Dysenteries (All forms)

Four suspected dysentery cases were reported in Epid. Week 11, 2012 from Bintulu (2) and Sarikei (2) districts. One case from Bintulu district was negative for lab test and the other three cases are still pending.

As at 17th March 2012, a total of 32 suspected dysenteries (all forms) cases were reported but none were positive for culture & sensitivity test.

4.5. Typhoid and paratyphoid fever.

No suspected typhoid case was reported in Epid. Week 11, 2012.

4.6. Hepatitis A.

One case of Hepatitis A was reported in Epid. Week 11, 2012 from Sibu district. This case was a Chinese male who admitted to Male Medical Ward, Sibu Hospital and was diagnosed on the 2nd March 2012.

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. Total number of Vaccine Preventable Diseases Reported by division in Epid. Week 11, 2012

Division	TYPES OF DISEASES													
	Diphtheria		Measles					Rubella	Polio		Tetanus		Whooping Cough	
	S	C	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirmed	S	C	S	C	S	C
				Lab. Confirmed	Clinically Confirmed	Epid. Link								
KUCHING	0	0	1	0	0	0	0	0	0	0	0	0	3	0
SAMARAHAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	0	2	0	0	0	0	0	0	0	0	0	0	0
BETONG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARIKEI	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SIBU	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KAPIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BINTULU	0	0	4	0	0	0	0	0	0	0	0	0	0	0
MIRI	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LIMBANG	0	0	2	0	0	0	0	0	0	0	0	0	0	0
SARAWAK	0	0	14	0	0	0	0	0	0	0	0	0	3	0

Note: S = suspected; C = confirmed

5.2. Measles (data derived from SM2)

A total of 14 suspected sporadic measles cases were reported in Epid. Week 11, 2012 from Miri(4), Bintulu(4), Sri Aman(2), Limbang(2), Kuching(1) and Sarikei(1). Three suspected measles clusters were reported, two from Miri district and one from Limbang district.

5.2.1 Measles Elimination Programme (MEP) Achievement by Division in Epid. Week 11, 2012

Division	No. Of cases	Indicator High Quality Surveillance (>80%)		
		% of Suspected cases Notified within 24 hours	% of suspected cases with adequate Investigation within 48 hours of notification	% of suspected cases with adequate blood specimens
Kuching	1	1(100%)	1(100%)	1(100%)
Samarahan	0	-	-	-
Sri Aman	2	1(50%)	2(100%)	0(0%)
Betong	0	-	-	-
Sarikei	1	1(100%)	1(100%)	1(100%)
Sibu	0	-	-	-
Kapit	0	-	-	-
Mukah	0	-	-	-
Bintulu	4	4(100%)	4(100%)	4(100%)
Miri	4	4(100%)	4(100%)	4(100%)
Limbang	2	4(100%)	2(100%)	2(100.00%)
Sarawak	14	13(92.8%)	14(100%)	12(85.7%)

Strategies of MEP:

- Measles Incidence Rate < 1/1 million population
- Effective Enhanced Surveillance Programme
- Measles Vaccination coverage > 95%

5.3. Whooping Cough

Three suspected whooping cough cases were reported from Kuching district in Epid Week 11, 2012. From these cases, two cases are siblings (family cluster) from Block H, Taman Dahlia, Matang, Kuching district. The results are still pending.

5.4. Polio

No suspected case was reported in Epid. Week 11 2012.

5.5. Rubella

No Rubella case was reported in Epid. Week 11, 2012. The cumulative confirmed case reported in 2012 remains as one.

5.6. Tetanus (All forms)

No suspected case was reported in Epid. Week 11, 2012.

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 11, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 11, 2012.

District / Division	2012			
	EW 11		Cumulative	
	HIV	AIDS	HIV	AIDS
Lundu	0	0	0	0
Bau	0	0	0	0
Kuching	0	0	2	0
KUCHING	0	0	2	0
Samarahan	0	0	1	0
Asajaya	0	0	0	0
Simunjan	0	0	2	1
Serian	0	0	0	1
SAMARAHAN	0	0	3	2
Sri Aman	0	0	0	0
Lubok Antu	0	0	0	0
SRI AMAN	0	0	0	0
Betong	0	0	0	0
Saratok	0	0	0	0
BETONG	0	0	0	0
Sarikei	0	0	0	0
Meradong	0	0	0	0
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	0	0	0	0
Daro	0	0	0	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	1	0
MUKAH	0	0	1	0
Sibu	0	0	0	0
Kanowit	0	0	1	0
Selangau	0	0	0	0
SIBU	0	0	1	0
Song	0	0	0	0
Kapit	0	0	0	0
Belaga	0	0	0	0
KAPIT	0	0	0	0
Tatau	0	0	0	0
Bintulu	0	0	0	0
BINTULU	0	0	0	0
Miri	0	0	2	0
Marudi	0	0	0	0
MIRI	0	0	2	0
Limbang	0	0	1	0
Lawas	0	0	0	1
LIMBANG	0	0	1	1
Sarawak	0	0	10	3

EW = Epid. Week; Cum. = Cumulative figure

6.2 HIV/AIDS Patient Classification Notified in Epid. Week 11 and Cumulative from Epid. Week 1 until Epid. Week 11, 2012

District / Division	2012					
	Children		Women		Foreigner	
	EW 11	Cum.	EW 11	Cum.	EW 11	Cum.
Lundu	0	0	0	0	0	0
Bau	0	0	0	0	0	0
Kuching	0	0	0	0	0	0
KUCHING	0	0	0	0	0	0
Samarahan	0	0	0	0	0	0
Asajaya	0	0	0	0	0	0
Simunjan	0	0	0	1	0	1
Serian	0	0	0	0	0	0
SAMARAHAN	0	0	0	0	0	0
Sri Aman	0	0	0	0	0	0
Lubok Antu	0	0	0	0	0	0
SRI AMAN	0	0	0	0	0	0
Betong	0	0	0	0	0	0
Saratok	0	0	0	0	0	0
BETONG	0	0	0	0	0	0
Sarikei	0	0	0	0	0	0
Meradong	0	0	0	0	0	0
Pakan	0	0	0	0	0	0
Julau	0	0	0	0	0	0
SARIKEI	0	0	0	0	0	0
Daro	0	0	0	0	0	0
Matu	0	0	0	0	0	0
Dalat	0	0	0	0	0	0
Mukah	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0
Sibu	0	0	0	0	0	0
Kanowit	0	0	0	1	0	0
Selangau	0	0	0	0	0	0
SIBU	0	0	0	1	0	0
Song	0	0	0	0	0	0
Kapit	0	0	0	0	0	0
Belaga	0	0	0	0	0	0
KAPIT	0	0	0	0	0	0
Tatau	0	0	0	0	0	0
Bintulu	0	0	0	0	0	0
BINTULU	0	0	0	0	0	0
Miri	0	0	0	1	0	0
Marudi	0	0	0	0	0	0
MIRI	0	0	0	1	0	0
Limbang	0	0	0	0	0	0
Lawas	0	0	0	0	0	0
LIMBANG	0	0	0	0	0	0
Sarawak	0	0	0	3	0	1

No HIV/AIDS case was reported in Epid. Week 11, 2012.

3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 11, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid. Week 11, 2012.

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 11	Cum.	EW 11	Cum.
Lundu	0	2	0	1
Bau	0	0	0	0
Kuching	5	26	4	11
KUCHING	5	28	4	12
Samarahan	0	4	0	2
Asajaya	0	2	0	1
Simunjan	0	2	0	0
Serian	0	3	0	0
SAMARAHAN	0	11	0	3
Sri Aman	0	0	0	4
Lubok Antu	0	1	0	1
SRI AMAN	0	1	0	5
Betong	0	0	0	0
Saratok	0	1	0	0
BETONG	0	1	0	0
Sarikei	0	0	0	0
Meradong	0	0	0	0
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	0	0	0	0
Daro	0	0	0	0
Matu	1	1	0	0
Dalat	0	0	0	0
Mukah	0	0	0	0
MUKAH	1	1	0	0
Sibu	1	8	1	5
Kanowit	0	0	0	0
Selangau	1	0	0	0
SIBU	2	8	1	5
Song	0	0	0	0
Kapit	0	0	0	0
Belaga	0	0	0	0
KAPIT	0	0	0	0
Tatau	0	0	0	0
Bintulu	0	0	1	1
BINTULU	0	0	1	1
Miri	0	8	0	2
Marudi	0	0	0	0
MIRI	0	8	0	2
Limbang	0	1	0	0
Lawas	1	1	0	0
LIMBANG	1	2	0	0
Sarawak	9	61	6	31

EW = Epid. Week; Cum. = Cumulative figure

Gonorrhoea

Nine cases were reported in Epid. Week 11, 2012 from Kuching(5), Matu(1), Sibu(1), Selangau(1), and Lawas(1) district. As at Epid. Week 11, 2012, the cumulative cases reported remains as 61.

Syphilis (All forms)

Six cases were reported in Epid. Week 11, 2012 from Kuching(4), Sibu(1) and Bintulu(1) district. The cumulative cases reported in 2012 remains as 31.

7. SURVEILLANCE REPORT ON TUBERCULOSIS (ALL FORMS) AND LEPROSY.

7.1 Notified Tuberculosis cases for Epid. Week 11, 2012 compared to Epid. Week 11, 2011 and cumulative cases until Epid. Week 11, 2012.

District / Division	2012		2011		
	EW 11	Cum.	EW 11	Cum.	Total
Lundu	0	3	0	6	22
Bau	1	8	1	6	42
Kuching	7	81	6	70	365
KUCHING	8	92	7	82	429
Samarahan	1	4	0	9	46
Asajaya	0	3	0	2	29
Simunjan	0	8	0	5	37
Serian	0	12	3	14	61
SAMARAHAN	1	27	3	30	173
Sri Aman	0	8	2	10	58
Lubok Antu	0	5	1	13	49
SRI AMAN	0	13	3	23	107
Betong	2	4	0	9	43
Saratok	1	7	1	10	55
BETONG	3	11	1	19	98
Sarikei	0	2	1	12	51
Meradong	3	9	2	7	29
Pakan	0	2	0	7	22
Julau	1	3	0	4	22
SARIKEI	4	16	3	30	124
Daro	1	1	0	7	27
Matu	0	1	0	1	4
Dalat	0	0	0	3	14
Mukah	0	0	1	6	44
MUKAH	1	2	1	17	89
Sibu	4	23	3	40	175
Kanowit	0	3	1	7	42
Selangau	1	1	0	5	32
SIBU	5	27	4	52	249
Song	0	4	0	7	23
Kapit	2	8	1	14	60
Belaga	1	3	1	5	40
KAPIT	3	15	2	26	123
Tatau	1	5	1	10	43
Bintulu	4	18	4	31	187
BINTULU	5	23	5	41	230
Miri	6	51	6	71	306
Marudi	1	5	0	9	61
MIRI	7	56	6	80	367
Limbang	1	13	1	11	42
Lawas	0	5	0	7	24
LIMBANG	1	18	1	18	66
Sarawak	38	300	36	418	2055

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 11, 2012 compared to Epid. Week 11, 2011 and cumulative cases until Epid. Week 11, 2012.

District / Division	2012		2011		
	EW 11	Cum.	EW 11	Cum.	Total
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	0	3
KUCHING	0	0	0	0	3
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
SAMARAHAN	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
SRI AMAN	0	0	0	0	0
Betong	0	0	0	0	0
Saratok	0	0	0	0	0
BETONG	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Pakan	0	0	0	0	0
Julau	0	0	0	0	0
SARIKEI	0	0	0	0	0
Daro	0	0	0	0	0
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	1
MUKAH	0	0	0	0	1
Sibu	0	0	0	0	1
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
SIBU	0	0	0	0	1
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	0	0	0	6
KAPIT	0	0	0	0	6
Tatau	0	0	0	0	0
Bintulu	0	0	0	0	1
BINTULU	0	0	0	0	1
Miri	0	0	0	0	4
Marudi	0	0	0	0	5
MIRI	0	0	0	0	9
Limbang	0	0	0	0	4
Lawas	0	0	0	0	0
LIMBANG	0	0	0	0	4
Sarawak	0	0	0	0	25

7.3 Notified Tuberculosis (all forms) Case Classification as on 17th March 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 11	Cum.	EW 11	Cum.	EW 11	Cum.
Lundu	0	1	0	1	0	1
Bau	1	6	0	2	0	0
Kuching	2	51	4	20	1	10
KUCHING	3	58	4	23	1	11
Samarahan	1	3	0	0	0	1
Asajaya	0	0	0	2	0	1
Simunjan	0	6	0	2	0	0
Serian	0	11	0	1	0	0
SAMARAHAN	1	20	0	5	0	2
Sri Aman	0	6	0	1	0	1
Lubok Antu	0	5	0	0	0	0
SRI AMAN	0	11	0	1	0	1
Betong	2	4	0	0	0	0
Saratok	1	6	0	1	0	0
BETONG	3	10	0	1	0	0
Sarikei	0	1	0	1	0	0
Meradong	0	5	3	4	0	0
Pakan	0	1	0	0	0	1
Julau	1	3	0	0	0	0
SARIKEI	1	10	3	5	0	1
Daro	0	0	1	1	0	0
Matu	0	1	0	0	0	0
Dalat	0	0	0	0	0	0
Mukah	0	0	0	0	0	0
MUKAH	0	1	1	1	0	0
Sibu	3	17	1	3	0	3
Kanowit	0	3	0	0	0	0
Selangau	1	1	0	0	0	0
SIBU	4	21	1	3	0	3
Song	0	2	0	1	0	1
Kapit	2	4	0	1	0	3
Belaga	1	3	0	0	0	0
KAPIT	3	9	0	2	0	4
Tatau	0	4	1	1	0	0
Bintulu	3	12	1	6	0	0
BINTULU	3	16	2	7	0	0
Miri	5	40	1	8	0	3
Marudi	0	3	0	1	1	1
MIRI	5	43	1	9	1	4
Limbang	1	13	0	0	0	0
Lawas	0	3	0	1	0	1
LIMBANG	1	16	0	1	0	1
Sarawak	24	215	12	58	2	27

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

A total of 38 cases of tuberculosis (all forms) were reported in Epid. Week 11 2012. As at 17th March 2012, the cumulative total of reported cases is 300.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 17th March 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 11	Cum.	*Exposed		*Not exposed		EW 11	Cum.	EW 11	Cum.	EW 11	Cum .
			EW 11	Cum.	EW 11	Cum.						
Lundu	0	0	0	0	0	0	0	0	0	0	0	0
Bau	0	0	0	0	0	0	0	0	0	0	0	0
Kuching	0	0	0	0	0	0	0	1	0	2	0	0
KUCHING	0	0	0	0	0	0	0	1	0	2	0	0
Samarahan	0	0	0	0	0	0	0	0	0	1	0	0
Asajaya	0	0	0	0	0	0	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0	0	0	0	1	0	0
Serian	0	1	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	0	1	0	0	0	0	0	0	0	2	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	1	0	0
Lubok Antu	0	0	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	0	0	0	0	0	0	0	0	1	0	0
Betong	0	0	0	0	0	0	0	0	0	1	0	0
Saratok	0	0	0	0	0	0	0	0	0	0	0	0
BETONG	0	0	0	0	0	0	0	0	0	1	0	0
Sarikei	0	0	0	0	0	0	0	0	0	0	0	0
Meradong	2	2	0	0	0	0	0	0	0	0	0	0
Pakan	0	0	0	0	0	0	0	0	0	0	0	0
Julau	0	0	0	0	0	0	0	0	0	0	0	0
SARIKEI	2	2	0	0	0	0	0	0	0	0	0	0
Daro	0	0	0	0	0	0	0	0	0	0	0	0
Matu	0	0	0	0	0	0	0	0	0	0	0	0
Dalat	0	0	0	0	0	0	0	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0	0	0	0	0	0	0
Sibu	0	1	0	0	0	0	0	0	0	0	0	0
Kanowit	0	0	0	0	0	0	0	0	0	0	0	0
Selangau	0	0	0	0	0	0	0	0	0	0	0	0
SIBU	0	1	0	0	0	0	0	0	0	0	0	0
Song	0	0	0	0	0	0	0	0	0	0	0	0
Kapit	0	1	0	0	0	0	0	0	0	0	0	0
Belaga	0	0	0	0	0	0	0	0	0	0	0	0
KAPIT	0	1	0	0	0	0	0	0	0	0	0	0
Tatau	0	0	0	0	0	0	0	0	0	2	0	0
Bintulu	0	1	0	0	0	0	0	0	0	4	0	0
BINTULU	0	1	0	0	0	0	0	0	0	6	0	0
Miri	0	0	0	0	0	0	0	0	0	7	0	0
Marudi	0	0	0	0	0	0	0	0	0	0	0	0
MIRI	0	0	0	0	0	0	0	0	0	7	0	0
Limbang	0	0	0	0	0	0	0	0	0	0	0	0
Lawas	0	0	0	0	0	0	0	0	0	0	0	0
LIMBANG	0	0	0	0	0	0	0	0	0	0	0	0
Sarawak	2	6	0	0	0	0	0	1	0	19	0	0

EW = Epid. Week; Cum. = Cumulative figure; KKM=Ministry of Health Malaysia

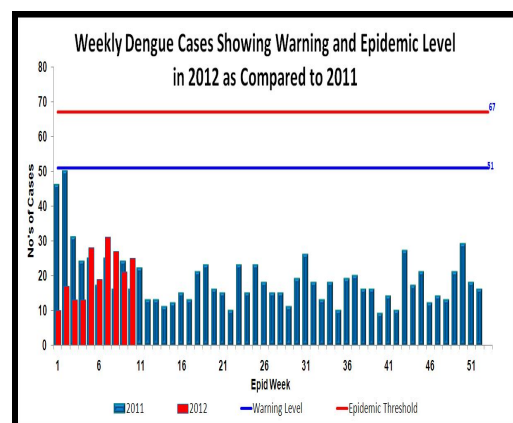
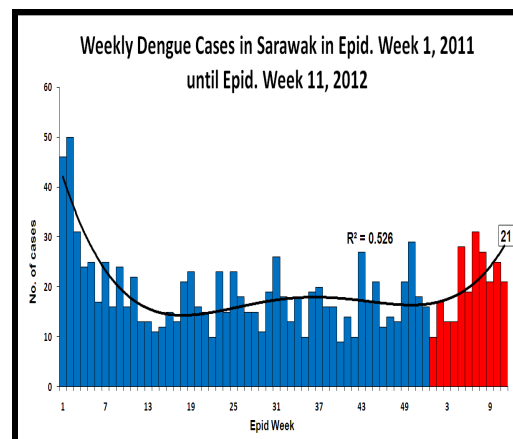
* Possibility of exposed or not exposed to TB patient

Figure for TB notified cases are based on registered TB cases in e-Notifikasi system.

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 11, 2012 compared to Epid. Week 11, 2011 and cumulative cases until Epid. Week 11, 2012.

District	2012		2011		Total
	EW 11	Cum.	EW 11	Cum.	
Lundu	0	2	0	2	10
Bau	2	8	0	11	36
Kuching	0	30	5	31	106
Samarahan	1	8	1	4	21
Asajaya	0	1	0	0	4
Serian	0	3	1	4	18
Simunjan	0	6	1	6	19
Sri Aman	3	14	0	16	56
Lubok Antu	2	7	1	7	23
Betong	0	7	0	5	13
Saratok	0	4	0	0	11
Sarikei	1	8	0	7	28
Meradong	0	4	0	6	14
Pakan	2	7	0	6	23
Julau	0	1	0	1	17
Daro	0	0	0	5	6
Matu	0	0	0	1	1
Dalat	1	6	0	1	3
Mukah	0	2	0	3	5
Sibu	0	11	0	41	75
Kanowit	0	3	2	10	31
Selangau	0	1	0	5	10
Song	0	5	2	6	10
Kapit	0	12	0	14	32
Belaga	0	3	0	5	27
Tatau	1	6	0	11	47
Bintulu	2	12	4	31	100
Miri	4	41	2	31	134
Marudi	0	7	2	18	59
Limbang	1	5	1	6	20
Lawas	1	1	0	2	15
Sarawak	21	225	22	296	974



A total of 21 dengue cases were reported in Epid. Week 11, 2012 compared to 22 cases during the same period in 2011.

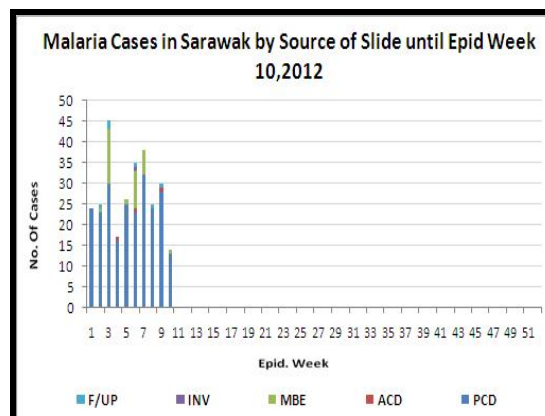
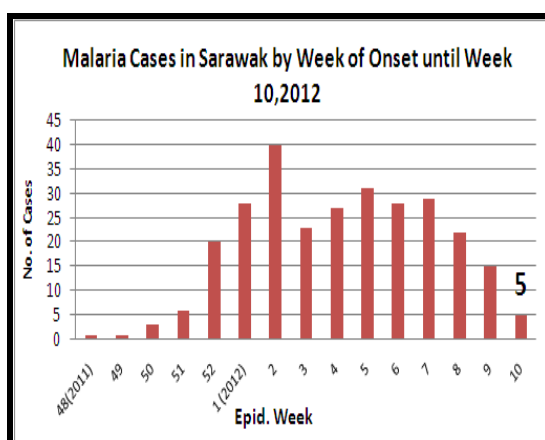
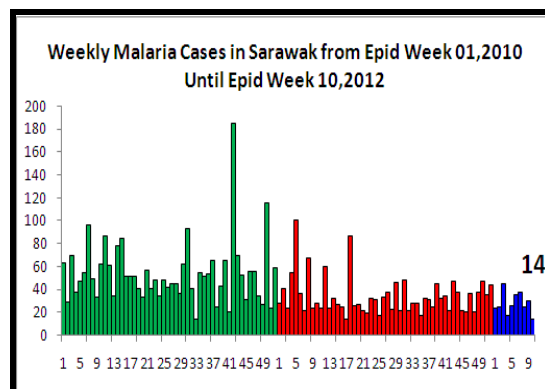
There was a decrease of four cases from the previous week.

No new outbreak was reported.

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 10, 2012 compared to Epid. Week 10, 2011 and cumulative cases until Epid. Week 10 in 2012.

District	2012		2011		Total
	EW 10	Cum.	EW 10	Cum.	
Lundu	1	2	0	11	33
Bau	0	0	0	0	5
Kuching	0	7	1	2	23
Samarahan	0	1	0	2	3
Asajaya	0	0	0	0	1
Serian	0	2	1	5	21
Simunjan	0	2	0	0	2
Sri Aman	0	3	0	4	17
Lubok Antu	0	8	0	5	25
Betong	0	7	2	8	47
Saratok	0	3	0	0	3
Sarikei	0	3	1	5	16
Meradong	0	1	0	2	9
Pakan	1	14	0	4	29
Julau	1	19	3	13	69
Daro	0	2	0	0	2
Matu	0	1	0	0	2
Dalat	0	1	0	1	10
Mukah	0	1	0	1	2
Sibu	0	16	1	10	52
Kanowit	4	16	4	18	89
Selangau	1	6	0	2	16
Song	2	11	1	12	78
Kapit	1	41	3	37	230
Belaga	0	12	1	24	139
Tatau	0	6	0	2	34
Bintulu	0	4	2	9	39
Miri	2	10	1	12	40
Marudi	1	58	3	224	670
Limbang	0	8	2	3	21
Lawas	0	14	2	10	34
Sarawak	14	279	28	426	1761



A total of 14 cases were reported in Epid. Week 10, 2012. The cumulative cases till Epid. Week 10 was 279 cases. Of the 279 cases, 58 cases (21%) from Marudi District, 41 cases (15%) from Kapit District and 19 cases (7%) Julau District.

Notes: 1) EW = Epid. Week; Cum. = cumulative figure; **2) All Malaria cases should be notified within 24 hours (Source: Vector Borne Disease Control Section, Sarawak Health Department)**

8.2.1. Malaria cases by slide source

Slides source	2012	
	EW 10	Cum.
Passive Case Detection (PCD)	13	238
Active Case Detection (ACD)	0	3
Investigation slides (INV)	0	1
Mass Blood Survey (MBS)	1	31
Follow-up	0	6
Total	14	279

8.2.2. Malaria cases by species

Species	2012	
	EW 10	Cum.
<i>P. vivax</i>	3	95
<i>P. falciparum</i>	2	22
<i>P. malariae</i>	0	10
<i>P. knowlesi</i>	9	151
<i>P. ovale</i>	0	1
Mixed	0	0
Total	14	279

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 10	Cum.
Indigenous	12	234
*Imported A	2	44
Relapsed	0	1
Congenital	0	0
Total	14	279

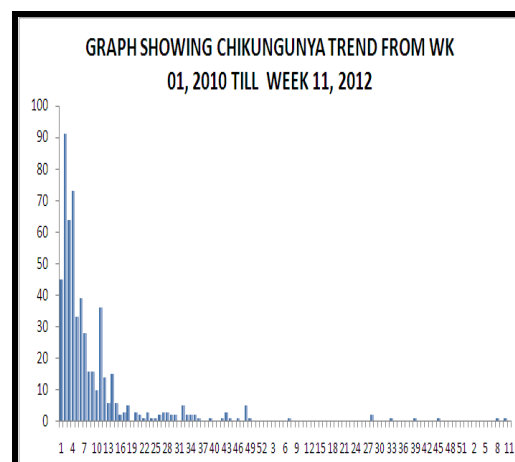
8.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Address in Sarawak	Species
1	Miri	Asian Congo, Congo, Afrika	Malaysian	46	Male	No. 42, Kg. Rambai, Bekenu	<i>P. falciparum</i>
2		Kem Green Ville, Liberia, Afrika		29		Lot 899, Jln Navia 1A, Tmn. Luak	

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 10, 2012 compared to Epid. Week 10, 2011 and cumulative cases until Epid. Week 10 in 2012.

District	2012		2011	
	EW 11	Cum.	EW 11	Cum.
Lundu	0	0	0	0
Bau	0	0	0	0
Kuching	0	0	0	0
Samarahan	0	0	0	0
Asajaya	0	1	0	0
Serian	0	0	0	0
Simunjan	0	0	0	0
Sri Aman	0	0	0	0
Lubok Antu	0	0	0	0
Betong	0	0	0	1
Saratok	0	0	0	0
Sarikei	0	0	0	0
Meradong	0	0	0	0
Pakan	0	0	0	0
Julau	0	0	0	0
Daro	0	0	0	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	0	0
Sibu	0	0	0	0
Kanowit	0	0	0	0
Selangau	0	0	0	0
Song	0	1	0	0
Kapit	0	0	0	0
Belaga	0	0	0	0
Tatau	0	0	0	0
Bintulu	0	0	0	0
Miri	0	0	0	0
Marudi	0	0	0	0
Limbang	0	0	0	0
Lawas	0	0	0	0
Sarawak	0	2	0	1



No case of chikungunya was reported in Epid. Week 11, 2012. The cumulative cases of Chikungunya for 2012 remains as two.

EW = Epid. Week; Cum. = Cumulative figure

8.4. Filariasis

One case of Filariasis was reported in Epid Week 11, 2012 from Miri district. During the same period in 2011, no case was reported. In 2012, the cumulative case of Filariasis is 7.

8.5 Japanese Encephalitis (JE)

No case of Japanese Encephalitis (JE) was reported in Epid. Week 11, 2012. The cumulative case of Japanese Encephalitis (JE) reported in 2012 remains as one.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No viral encephalitis case was reported in Epid. Week 11, 2012. As at 10th March 2012, the cumulative cases of Viral Encephalitis reported is remains as one.

9.2. Viral Hepatitis (all form)

No case of was reported in Epid. Week 11, 2012.

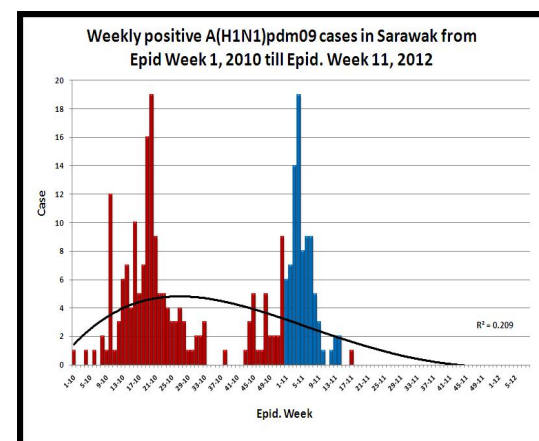
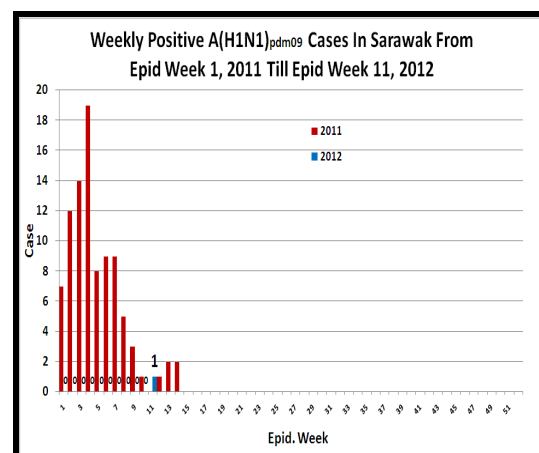
As at 17th March 2012, the total cases reported was 35 cases with one case of Hepatitis A, three cases of acute Hepatitis B, 19 chronic Hepatitis B, five acute Hepatitis C and eight chronic Hepatitis C.

10. EMERGING/RE-EMERGING INFECTIOUS AND ZOO NOTIC DISEASES

10.1. A/H1N1_{pdm09}

10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} cases for Epid. Week 11, 2012 compared to Epid. Week 11, 2011 and cumulative cases until Epid. Week 11 in 2012.

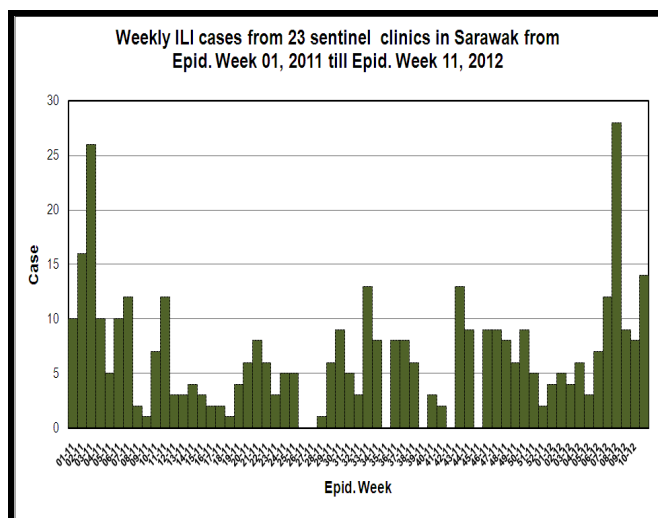
District	2012		2011		Total
	EW 11	Cum.	EW 11	Cum.	
Lundu	0	0	0	0	1
Bau	0	0	0	0	0
Kuching	0	0	0	40	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	0	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	0	1	1
Kanowit	0	0	0	0	0
Song	0	0	0	0	0
Kapit	0	0	0	0	1
Belaga	0	0	0	1	1
Tatau	0	0	0	0	0
Bintulu	1	1	0	25	27
Miri	0	0	0	2	6
Marudi	0	0	0	0	0
Limbang	0	0	0	2	2
Lawas	0	0	0	1	1
SARAWAK	1	1	0	72	92



One A/H1N1_{pdm09} positive case was reported in Epid. Week 11, 2012 from Bintulu district compared to zero case reported for the same Epid. Week 2011.

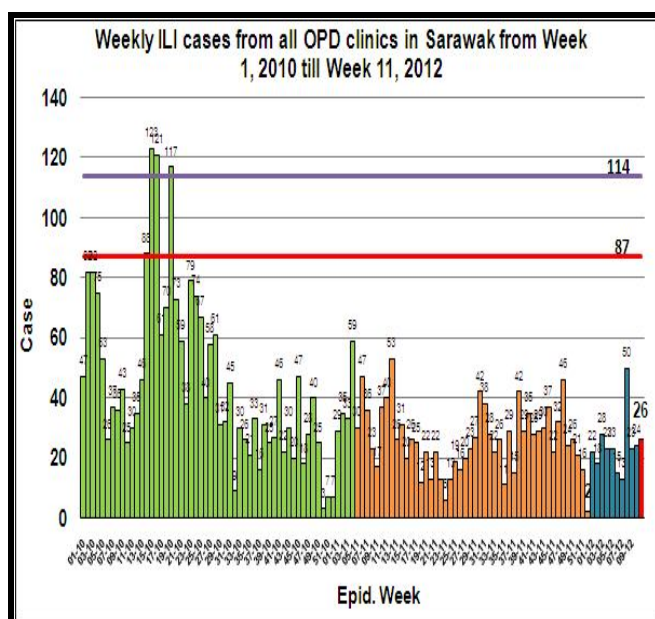
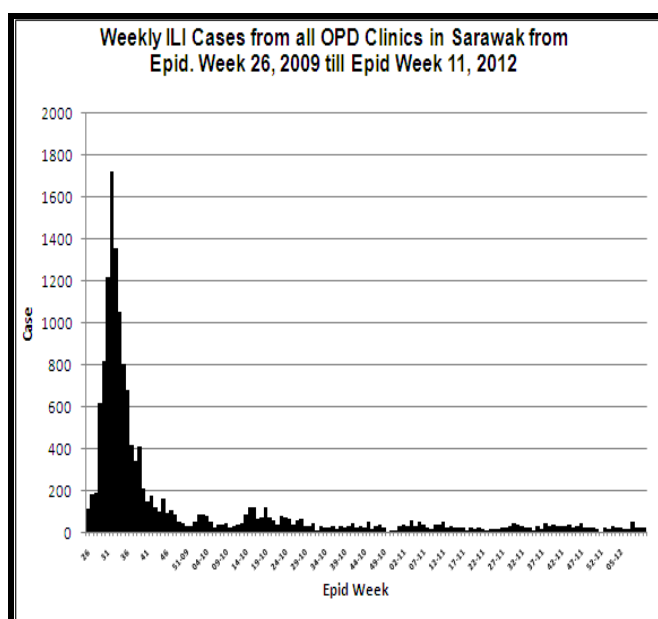
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid. Week 1 in 2010 till Epid. Week 11 in 2012.



In Epid. Week 11, 2012, 14 cases reported from Sentinel clinics and 26 cases from all OPD clinics.

ILI is defined as a person with sudden onset of fever > 38°C and cough or sore throat in the absence of other diagnosis (Disease Control Division, Ministry of Health, October 2009).

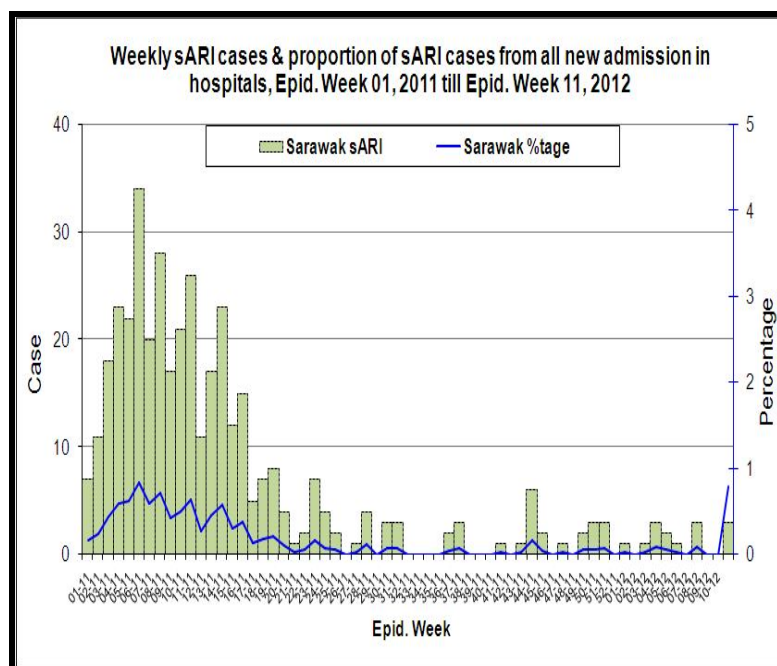


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI surveillance activities to Operations Room, CPRC Unit, CDC Section, Sarawak Health Department **BEFORE 10.00 am every day**.

10.1.3. New and Cumulative ILI Clusters as of 17th March 2012.

No ILI cluster was reported. The last cluster was reported on 3rd November 2011.

10.1.4. Severe Acute Respiratory (sARI) Infection Cases



sARI is suspected when:

1. meets ILI case definition (sudden onset of fever $> 38^{\circ}\text{C}$ and cough or sore throat in the absence of other diagnosis, **AND**
2. shortness of breath or difficulty of breathing, **AND**
3. requires hospital admission (Disease Control Division, Ministry of Health, October 2009)

10.1.5. Weekly Summary Report on sARI Admission in Government Hospitals in Sarawak as on 18th March 2012.

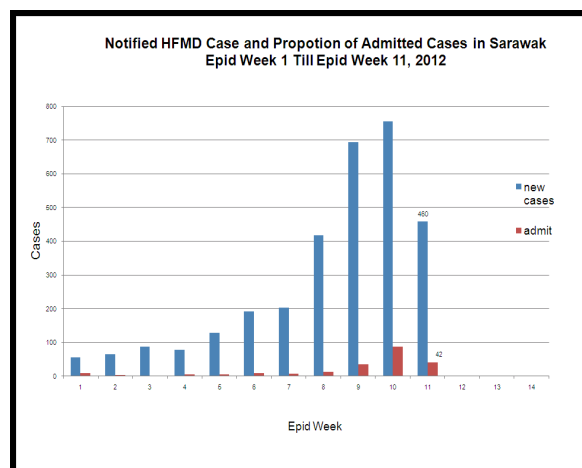
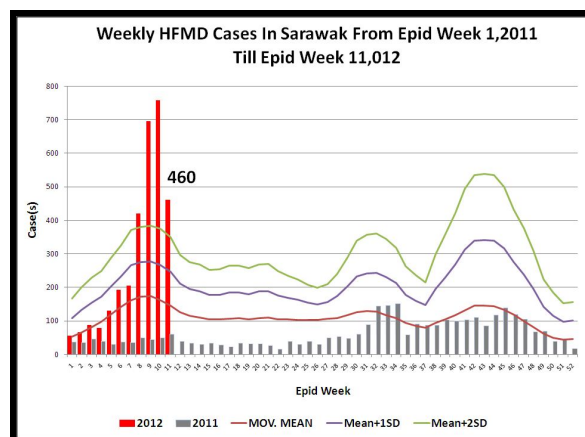
Division	Hospital	New EW 11	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	2	15	0	0	4	0	0	0	0
	Bau	0	1	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
	Sentosa	0	0	0	0	0	0	0	0	0
Samarahan	Serian	0	0	0	0	0	0	0	0	0
	Simunjan	0	0	0	0	0	0	0	0	0
Sri Aman	Sri Aman	0	0	0	0	0	0	0	0	0
Betong	Betong	0	0	0	0	0	0	0	0	0
	Saratok	0	0	0	0	0	0	0	0	0
Sarikei	Sarikei	0	0	0	0	0	0	0	0	0
Sibu	Sibu	0	1	0	0	0	0	0	0	0
	Kanowit	0	0	0	0	0	0	0	0	0
Mukah	Mukah	0	0	0	0	0	0	0	0	0
	Dalat	0	0	0	0	0	0	0	0	0
	Daro	0	0	0	0	0	0	0	0	0
Kapit	Kapit	0	0	0	0	0	0	0	0	0
Bintulu	Bintulu	0	5	0	2	0	0	1	0	1
Miri	Miri	0	0	0	0	0	0	0	0	0
	Marudi	0	0	0	0	0	0	0	0	0
Limbang	Limbang	1	1	0	0	0	0	0	0	0
	Lawas	0	0	0	0	0	0	0	0	0
Total		3	23	0	0	4	0	1	0	1

EW = Epid. Week; Cum. = Cumulative figure

Three sARI cases were reported in Epid. Week 11, 2012, two from Sarawak General Hospital and one from Limbang Hospital. All these cases were negative for A/H1N1_{pdm09}.

10.2. Notified HFMD (masterlist) cases for Epid. Week 10, 2012 compared to Epid. Week 10, 2011 and cumulative cases in Epid. Week 10, 2011.

District / Division	2012		2011		Total
	EW (11)	Cum.	EW (11)	Cum.	
Lundu	8	53	15	54	31
Bau	12	74	2	7	149
Kuching	136	990	0	1	602
KUCHING	156	1117	17	62	782
Samarahan	32	196	1	5	127
Asajaya	8	32	0	0	35
Simunjan	9	44	0	0	19
Serian	2	106	0	0	39
SAMARAHAN	51	378	1	5	220
Sri Aman	26	121	1	5	97
Lubok Antu	4	15	1	1	18
SRI AMAN	30	136	2	6	115
Betong	12	129	3	12	57
Saratok	1	45	2	14	37
BETONG	13	174	5	26	94
Sarikei	16	107	2	51	188
Meradong	1	11	0	4	73
Pakan	5	28	0	1	7
Julau	2	18	1	1	32
SARIKEI	24	164	3	57	300
Daro	4	32	0	0	7
Matu	8	11	0	0	4
Dalat	7	22	1	21	84
Mukah	8	37	0	12	42
MUKAH	27	102	1	33	137
Sibu	22	116	1	30	149
Kanowit	4	11	0	0	6
Selangau	5	8	0	1	22
SIBU	31	135	1	31	177
Song	2	7	6	27	12
Kapit	14	96	0	0	64
Belaga	0	18	0	4	55
KAPIT	16	121	6	31	131
Tatau	15	54	7	95	25
Bintulu	28	317	0	7	25
BINTULU	43	371	7	102	772
Miri	30	212	4	49	324
Marudi	0	25	10	26	49
MIRI	30	237	14	75	373
Limbang	29	175	1	5	65
Lawas	10	34	0	0	4
LIMBANG	39	209	1	5	69
SARAWAK	460	3144	58	433	3170



A total of 460 HFMD cases reported in Epid. Week 11, 2012 compared to only 58 cases during the same period in 2011.

The top five districts with the highest total number of reported cases in 2012 were:

1. Kuching
2. Samarahan
3. Bintulu
4. Miri
5. Betong

EW = Epid. Week; Cum. = Cumulative figure

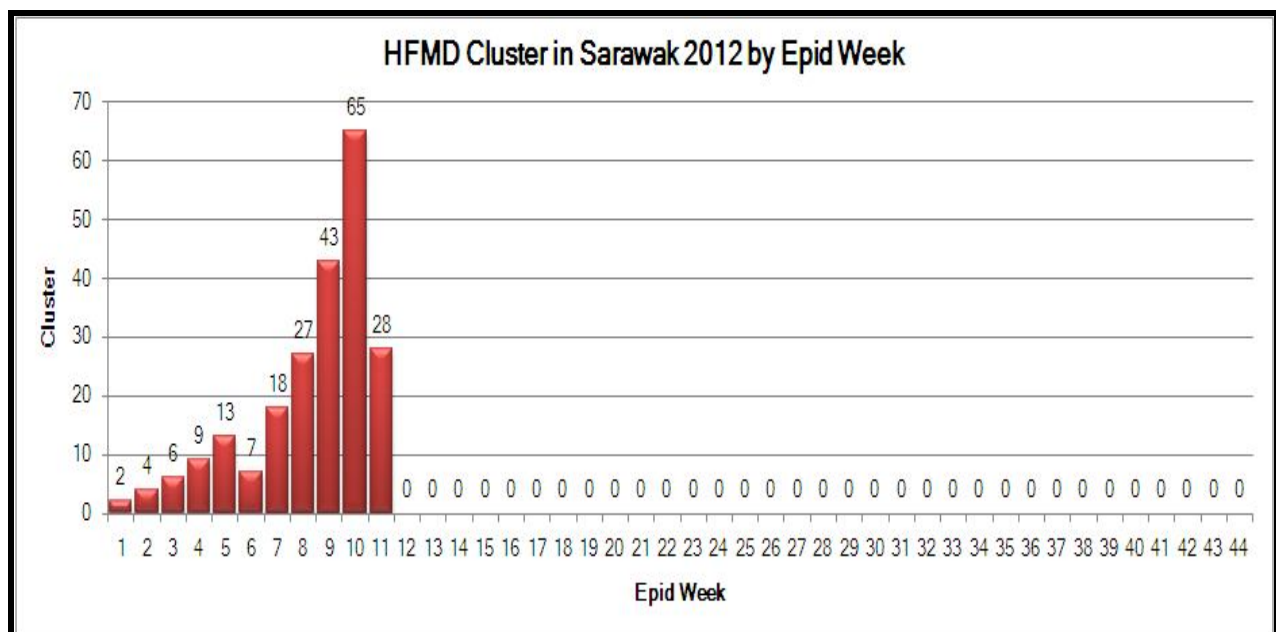
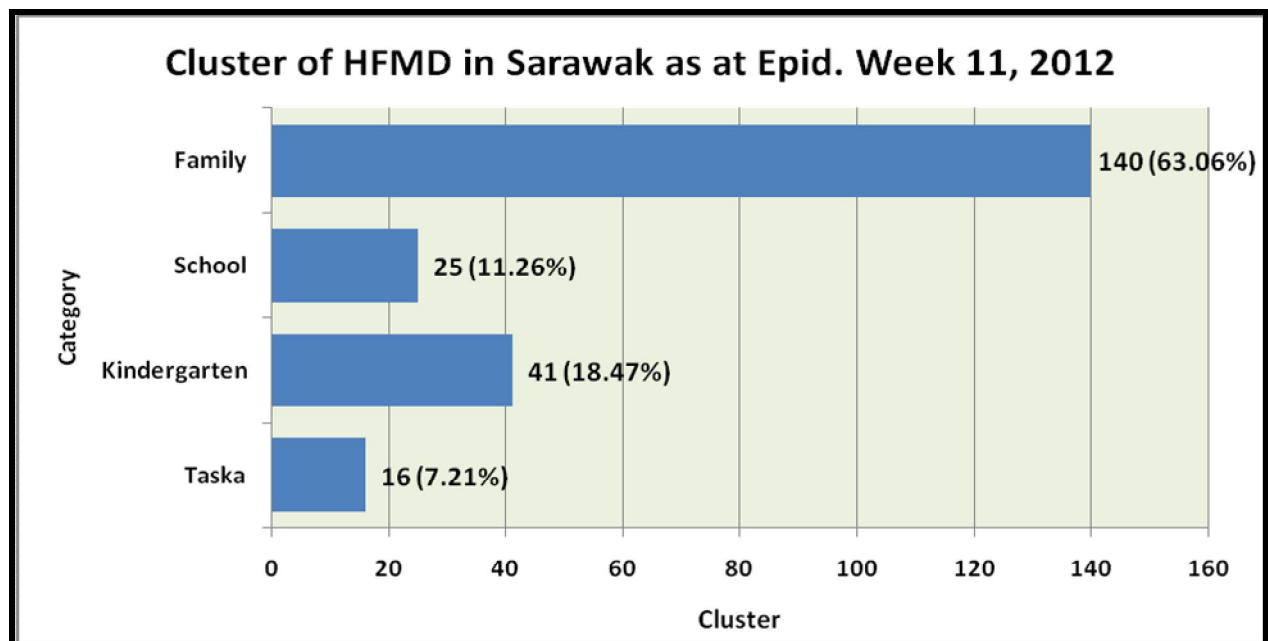
10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 17th March 2012.

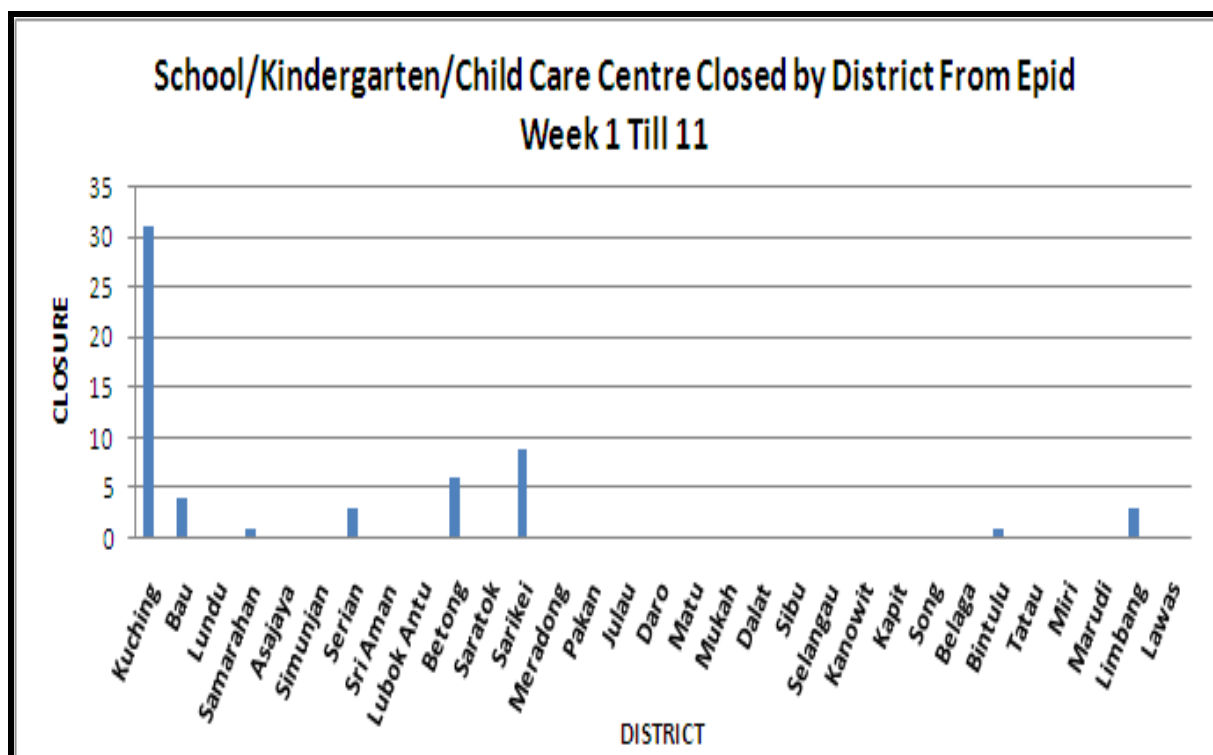
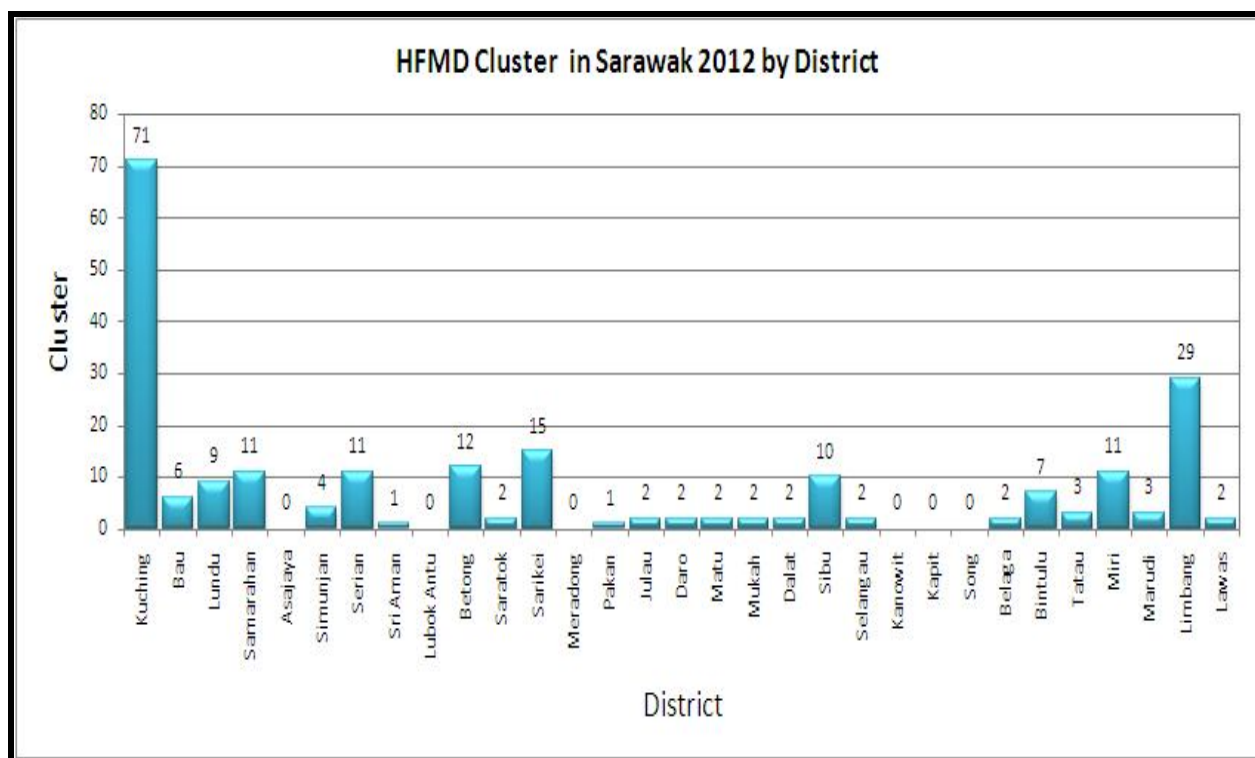
District	Masterlist		Registered Case		Back Log	
	EW 11	Total	EW 11	Total	EW 11	Total
Kuching	136	990	3	857	133	133
Bau	12	74	12	74	0	0
Lundu	8	53	6	51	2	2
KUCHING	156	1117	21	982	135	135
Samarahan	32	196	27	191	5	5
Asajaya	8	32	8	32	0	0
Simunjan	9	44	0	25	9	19
Serian	2	106	1	105	1	1
SAMARAHAN	51	378	36	353	15	25
Sri Aman	26	121	25	120	15	1
Lubok Antu	4	15	3	14	1	1
SRI AMAN	30	136	28	134	16	2
Betong	12	129	5	122	7	7
Saratok	1	45	1	45	0	0
BETONG	13	174	6	167	7	7
Sarikei	16	107	0	49	16	58
Meradong	1	11	0	8	1	3
Pakan	5	28	2	25	3	3
Julau	2	18	2	18	0	0
SARIKEI	24	164	4	100	20	64
Daro	4	32	0	27	4	5
Matu	8	11	6	9	2	2
Mukah	8	37	6	35	2	2
Dalat	7	22	7	22	0	0
MUKAH	27	102	19	93	8	9
Sibu	22	116	22	116	0	0
Selangau	5	8	5	8	0	0
Kanowit	4	11	0	2	4	9
SIBU	31	135	27	126	4	9
Kapit	14	96	0	63	14	33
Song	2	7	2	5	0	2
Belaga	0	18	0	17	0	1
KAPIT	16	121	2	85	14	36
Bintulu	28	317	0	253	28	64
Tatau	15	54	0	2	15	52
BINTULU	43	371	0	255	43	116
Miri	30	212	5	187	25	25
Marudi	0	25	0	25	0	0
MIRI	30	237	5	212	25	25
Limbang	29	175	0	124	29	51
Lawas	10	34	1	25	9	9
LIMBANG	39	209	1	149	38	60
SARAWAK	460	3144	149	2656	325	488

10.2.2. Cumulative HFMD Clusters as of 17th March 2012.

A total of 28 HFMD clusters were reported in Epid. Week 11, 2012. Kuching District reported the most clusters with 12 clusters, followed by Samarahan (3), Tatau (3), Matu (2), Daro (1), Lundu (1), Miri (1), Mukah (1), Sarikei (1), Selangau (1) and Sibu (1) district involving 1 kindergarten, 1 primary school, 2 child care centres and 24 family clusters.

As at 10th March 2012, a total of 222 clusters were reported. Of these, 140 (63.06%) were family clusters, 16 child care centres (7.21%), 41 kindergartens (18.47 %) and 25(11.26) were primary.





10.3. Notified Leptospirosis cases for Epid. Week 11, 2012 compared to Epid. Week 11, 2011 and cumulative cases till Epid. Week 11 in 2012.

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (11) 2012	EW (11) 2011	EW (11) 2012	EW (11) 2011			
Lundu	0	0	0	0	0	7	0
Bau	0	0	1	0	1	4 (1)	1
Kuching	0	0	3	0	6	40 (2)	12
KUCHING	0	0	4	0	7	51 (3)	13
Samarahan	0	0	0	0	0	3	1
Asajaya	0	0	0	0	0	3	0
Simunjan	0	0	1	0	1	8 (1)	1
Serian	0	0	0	0	0	10 (2)	2
SAMARAHAN	0	0	1	0	1	24 (2)	4
Sri Aman	0	0	2	0	2	13 (2)	1
Lubok Antu	0	0	1	0	3	11	3 (1)
SRI AMAN	0	0	3	0	5	24 (2)	4 (1)
Betong	0	0	1	0	2	5 (1)	0
Saratok	0	0	0	0	0	5	0
BETONG	0	0	1	0	2	10 (1)	0
Sarikei	0	0	0	0	0	1	1
Meradong	0	0	0	0	0	24	1
Pakan	0	0	0	0	0	3	1
Julu	0	0	0	0	1	0	1
SARIKEI	0	0	0	0	1	28	4
Daro	0	0	0	0	0	1 (1)	1
Matu	0	0	0	0	0	0	0
Dalat	0	0	0	0	0	0	0
Mukah	0	0	0	0	0	3	1
MUKAH	0	0	0	0	0	4 (1)	2
Sibu	1	0	0	0	1	2	6
Kanowit	0	0	0	0	0	4	1
Selangau	0	0	0	0	0	3	0
SIBU	1	0	0	0	1	9	7
Song	0	0	0	0	0	1	2
Kapit	1	0	0	1	2	12	1
Belaga	0	0	0	0	0	7 (1)	0
KAPIT	1	0	0	1	2	20 (1)	3
Tatau	0	0	0	0	1	1	0
Bintulu	0	0	0	1	2	11 (3)	6
BINTULU	0	0	0	1	3	12 (3)	6
Miri	0	0	0	0	1	12	3
Marudi	0	0	0	0	0	2	2
MIRI	0	0	0	0	1	14	5
Lim bang	0	0	0	0	3	2 (1)	1
Lawas	0	0	0	0	0	0	0
LIM BANG	0	0	0	0	3	2 (1)	1
SARAWAK	2	0	9	2	26	198 (15)	49 (1)

Note: () Death; ELISA = Enzyme-Linked Immunosorbent Assay; MAT = microscopic agglutination test
 Total positive = ELISA (probable) + MAT (not included equivocal result)
 2011: Number of cases will depend on which Epid. Week results are received
 District indicates source of infection.

Leptospirosis was gazetted as a notifiable disease mandated by under the Prevention and Control of Infectious Disease Act 1988 on 9th December 2010 (Surat Pekeliling Ketua Pengarah Kesihatan Malaysia Bil. 33/2010

10.4. Notified Melioidosis cases for Epid. Week 11, 2011 compared to Epid. Week 11, 2011 and cumulative cases until Epid. Week 11, 2012.

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (11) 2012	EW (11) 2011	EW (11) 2012	EW (11) 2011			
Lundu	0	0	0	0	0	0	0
Bau	0	0	0	0	0	1	0
Kuching	0	0	0	0	0	4	12 (1)
KUCHING	0	0	0	0	0	5	12 (1)
Samarahan	0	0	0	0	0	0	0
Asajaya	0	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0	0
Serian	0	0	0	0	0	1	1 (1)
SAMARAHAN	0	0	0	0	0	1	1 (1)
Sri Aman	0	0	0	0	0	3	0
Lubok Antu	0	0	0	0	0	1	0
SRIAMAN	0	0	0	0	0	4	0
Betong	0	0	0	0	0	0	2
Saratok	0	0	0	0	0	0	1 (1)
BETONG	0	0	0	0	0	0	3 (1)
Sarikel	0	0	0	0	0	0	2
Meradong	0	0	0	0	0	0	2
Pakan	0	0	0	0	0	0	0
Julau	0	0	0	0	0	0	2
SARIKEI	0	0	0	0	0	0	6
Daro	0	0	0	0	0	0	0
Matu	0	0	0	0	0	0	0
Dalat	0	0	0	0	0	0	1
Mukah	0	0	0	0	0	2	3 (1)
MUKAH	0	0	0	0	0	2	4 (1)
Sibu	0	0	0	0	1 (1)	1	5 (1)
Kanowit	0	0	0	0	0	1	1
Selangau	0	0	0	0	0	4	6 (2)
SIBU	0	0	0	0	1	6	12 (3)
Song	0	0	0	0	0	1	7 (2)
Kapit	0	1	0	0	2	62 (3)	162 (1)
Belaga	0	0	0	0	0	21 (4)	28 (1)
KAPIT	0	1	0	0	2	84 (7)	197 (4)
Tatau	0	0	0	0	0	4 (1)	14 (4)
Bintulu	0	0	0	0	0	6	49 (1)
BINTULU	0	0	0	0	0	10 (1)	63 (5)
Miri	0	0	0	0	0	6 (2)	35 (1)
Marudi	0	0	0	0	0	1	7
MIRI	0	0	0	0	0	7 (2)	42 (1)
Limbang	0	0	0	0	0	0	2
Lawas	0	0	0	0	0	0	1 (1)
LIMBANG	0	0	0	0	0	0	3 (1)
SARAWAK	0	1	0	0	3 (1)	119 (10)	343 (18)

Note: () Death; EW = Epid. Week
District indicates source of infection

10.4.1 Melioidosis Death case (Positive) 2012

No.	# District	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
1	Selangau	Sibu	48	Iban	Female	09/02/2012	DM, HPT & Asthma	Farmer

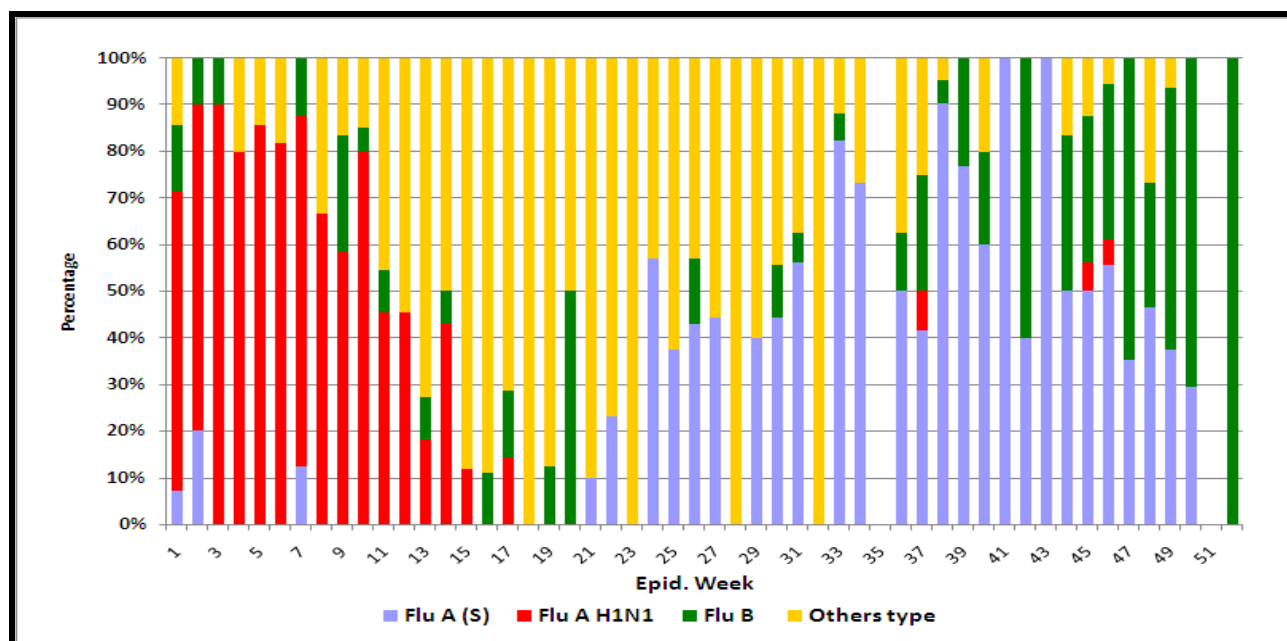
* SGH = Sarawak General Hospital

Note: # District indicate patient's current place of residence or workplace

® Hospital indicate facility where patient admitted

11. LABORATORY BASED SURVEILLANCE

11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah*) from Epid Week 1 till Epid Week 52, 2011.



* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

In Malaysia, as at Epid Week 52, 2011, a total of 3,990 throat swab specimens were analysed at MKAK Sungai Buloh. Of these, 540 specimens isolated various types of influenza virus i.e. virus Flu A(H1N1)_{pdm09} (101), Flu A (s) [259], Flu B (116), and other types of virus (143). Other viruses which are under category of others-type: Adenovirus (95), Paramyxovirus (15), RSV (1), Enterovirus (1) and other viruses (51).

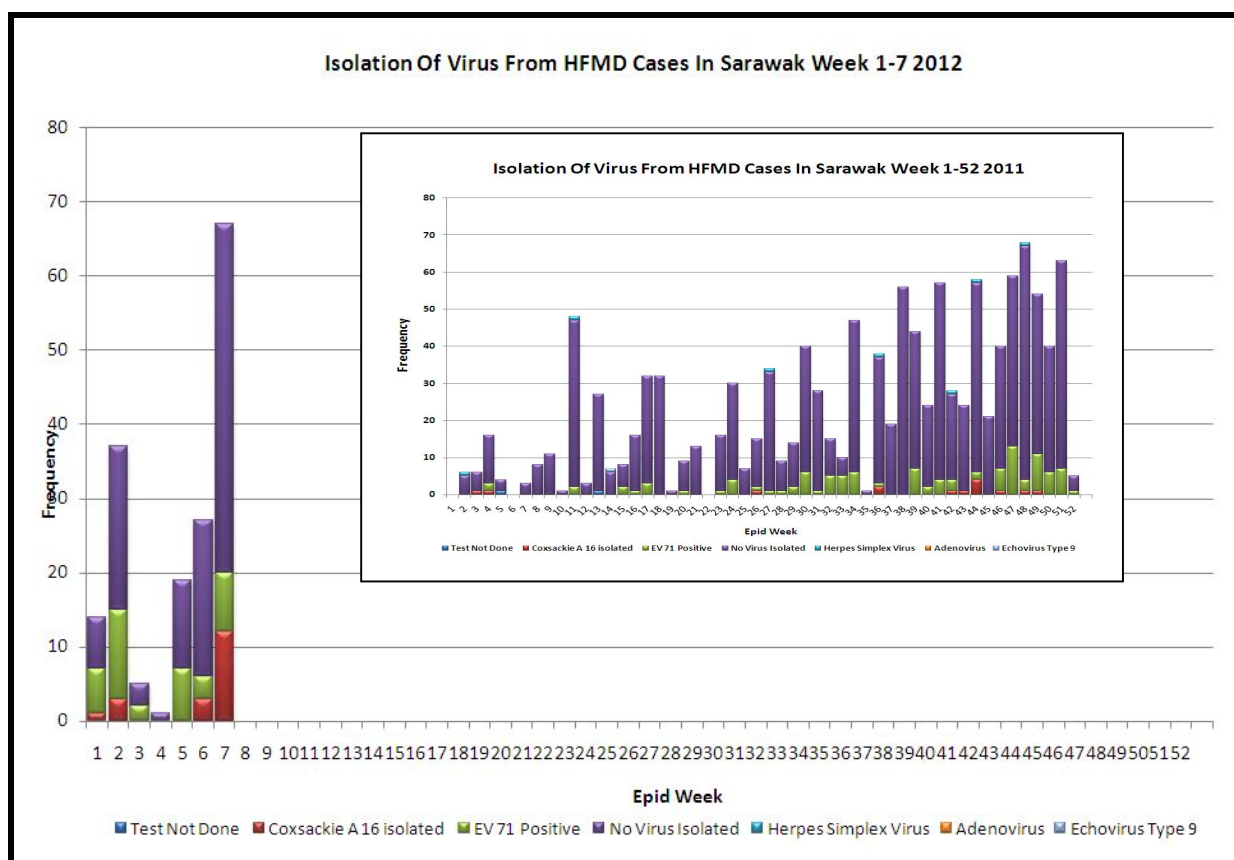
11.2. Laboratory Based Surveillance for Measles in Malaysia

In Malaysia, as at Epid. Week 3, 2012, a total of 353 serum specimens for serology test were sent to MKAK Sg. Buloh and MKAK Kota Kinabalu. Of these, 129 were positive for IgM Measles (with 5 equivocal) and 17 positive for IgM Rubella.

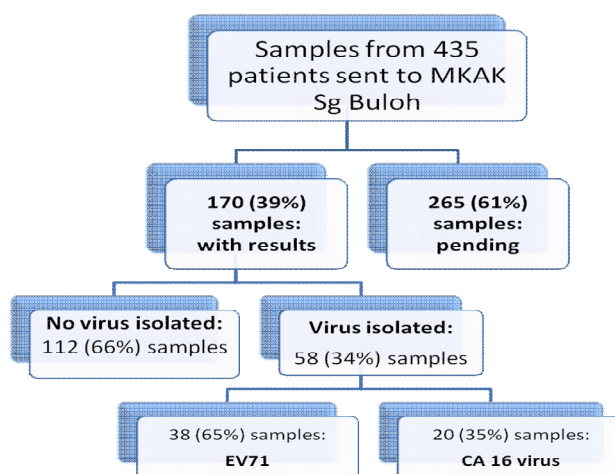
For Sarawak, as at Epid Week 3, 2012, a total of 63 specimens for serology test were sent to MKAK Sg Buloh, 28 were positive for IgM Measles and 2 were positive for IgM Rubella. The positive specimens for IgM Measles were received from Miri (20), Bintulu (7) and Sibu (1) district.

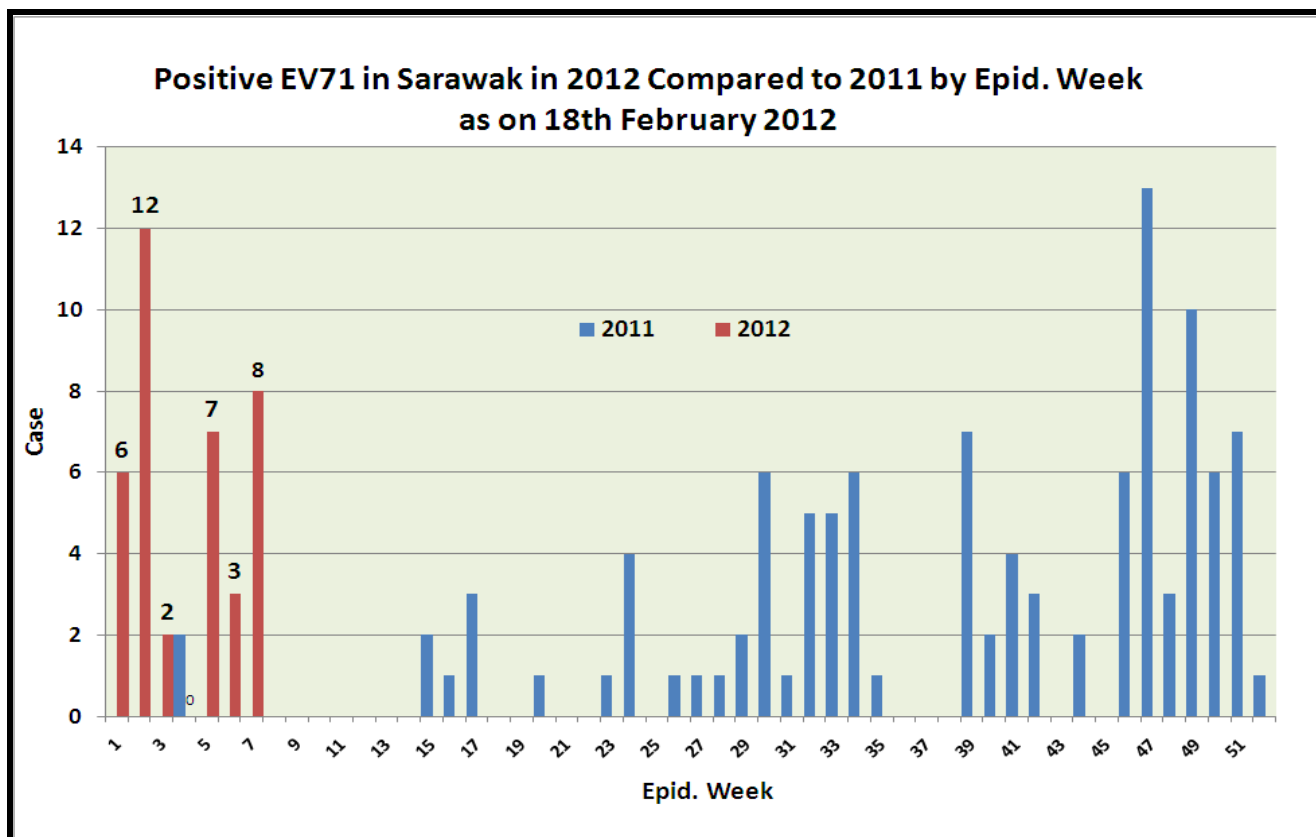
In 2011, Sarawak Health Department sent a total of 360 serum specimens for serology test to MKAK Sg. Buloh. Of these, 40 were positive for IgM Measles (with 6 equivocal) and 40 positive for Rubella (with 17 equivocal).

11.3. Laboratory Based Surveillance for HFMD in Sarawak from Epid Week 1 till Epid Week 7, 2012 compared to 2011 (insert).



As at 18th February, 2012, specimens from 435 HFMD cases were sent to MKAK Sg. Buloh for viral isolation. Of these, 58 specimens isolated viruses: EV71 (38), Coxsackie A16 (20). No viruses isolated in 112 specimens and another 265 specimens are still pending.





*results from EW 7, 2012 onwards are still pending

LIST OF NOTIFIABLE DISEASES				
First Schedule (Section 2), Prevention and Control Of Infectious Diseases Act, 1988 (Act 432)				
No.	Diseases	Notification		
		24 Hours	3 Days	1 Week
1	Chancroid			√
2	Cholera	√		
3	Dengue Fever and Dengue Haemorrhagic Fever	√		
4	Diphtheria	√		
5	Dysentery (All Types)			√
6	Ebola	√		
7	Food Poisoning	√		
8	Gonococcal Infections (All Forms)			√
9	Leprosy			√
10	Malaria		√	
11	Measles	√		
12	Hand, Foot and Mouth Disease	√		
13	Plague	√		
14	Poliomyelitis, Acute	√		
15	Rabies	√		
16	Relapsing Fever			√
17	Syphilis (All Forms)			√
18	Tetanus (All Forms)			√
19	Tuberculosis (All Forms)			√
20	Typhoid & Paratyphoid Fever			√
21	Typhus & Other Rickettsioses			√
22	Viral Encephalitis			√
23	Viral Hepatitis (All Forms)			√
24	Whooping Cough			√
25	Yellow Fever	√		
26	Any Other Life Threatening Microbial Infection			√
27	AIDS / HIV			√
28	Leptospirosis			√

Notes: 1) Leptospirosis was gazetted as a notifiable disease on 9th December 2010;

- 2) **All Malaria cases** should be notified within 3 days and as **for Sarawak to be notified within 24 hours** (Source: Vector Borne Disease Control Section, Sarawak Health Department)

Reporting and notifying of the above 28 infectious diseases is mandated by the Prevention and Control of Infectious Disease Act 1988. Every medical practitioner who treats or becomes aware of the existence of any infectious disease in any premises, with least practicable delay, shall notify to the nearest Medical Officer of Health as stipulated under this Act (First Schedule).

PREVENTION AND CONTROL OF INFECTIOUS DISEASES ACT

FIRST SCHEDULE

[Section 2]

INFECTIOUS DISEASES

PART I

1. Chancroid.
2. Cholera.
3. Dengue Fever and Dengue Haemorrhagic Fever.
4. Diphtheria.
5. Dysentries (All forms).
- 5A. Ebola.
6. Food poisoning.
7. Gonococcal Infectious (All forms).
- 7A. Hand, Foot and Mouth Disease (HFMD).
8. Leprosy.
- 8A. Leptospirosis.
9. Malaria.
10. Measles.
- 10A. *Deleted*.
11. Plague.
12. Poliomyelitis (Acute).
13. Rabies.
14. Relapsing Fever.
15. Syphilis (All forms).
16. Tetanus (All forms).
17. Tuberculosis (All forms).
18. Typhoid and Paratyphoid Fevers.
19. Typhus and other Rickettsioses
20. Viral Encephalitis.
21. Viral Hepatitis.
22. Whooping Cough.
23. Yellow Fever.
24. Any other life threatening microbial infection.

PART II

Human Immunodeficiency Virus Infection (All forms)

Appendix 2

The addresses and contact numbers of the Medical Officer of Health/Divisional Health Officers in Sarawak are listed below (as at 17th March 2012):

No.	Name/Designation	Office address	E-mail address	Tel. / Fax / Handphone number
1	Ketua Penolong Pengarah Kanan Dr. Razitasham Safii	Seksyen Kawalan Penyakit Berjangkit, Jabatan Kesihatan Negeri Sarawak,	razitasham@srwk.moh.gov.my	Tel: 082-421442 Fax: 082-234571 Hp: 013-8047635
2	Ketua Penolong Pengarah Dr. Noorzilawati Sahak	Seksyen Kawalan Penyakit Berjangkit, Jabatan Kesihatan Negeri Sarawak.	drnoorzila@gmail.com noorzilawati.s@srwk.moh.gov.my	Tel: 082-246935 Fax: 082-234571 Hp: 014-6999126
3	Pegawai Kesihatan Bahagian Bahagian Kuching Dr. Kamarudin Lajim	Pejabat Kesihatan Bahagian, Bahagian Kuching, Jalan Tun Ahmad Zaidi Adruce, 93250 KUCHING.	kamarudinl@srwk.moh.gov.my	Tel: 082-238635/257867 Fax: 082-414542/250037 Hp: 013-8014332
4	Pegawai Epidemiologi Bahagian Bahagian Kuching Dr. Ruziana Miss	Pejabat Kesihatan Bahagian, Bahagian Kuching, Jalan Tun Ahmad Zaidi Adruce, 93250 KUCHING.	ruziana.m@srwk.moh.gov.my	Tel: 082-238635/257867 Fax: 082-414542/250037 Hp: 019-8356456
5	Pegawai Kesihatan Bahagian Bahagian Samarahan Dr. Julaidah Sharip	Pejabat Kesihatan Bahagian, Bahagian Samarahan, Jalan Datuk Muhammad Musa, 94300 KOTA SAMARAHAN.	julaidah.s@srwk.moh.gov.my	Tel: 082-673626 Fax: 082-673632 Hp: 019-8270869
6	Pegawai Kesihatan Bahagian Bahagian Sri Aman Dr. Musalnizan bt Mustalkan	Pejabat Kesihatan Bahagian, Bahagian Sri Aman, Tingkat 3, Wisma Persekutuan, Jalan Hospital 95007 SRI AMAN.	musalnizan@yahoo.com	Tel: 083-332176 Fax: 083-322058 Hp: 013-8187779
7	Pegawai Kesihatan Bahagian Bahagian Betong Dr. Jeffery Stephen	Pejabat Kesihatan Bahagian, Bahagian Betong, KM 2, Jalan Betong, 95700 BETONG.	stjeffery@srwk.moh.gov.my	Tel: 083-472116 Fax: 083-471870 Hp: 019-8584053
8	Pegawai Kesihatan Bahagian Bahagian Sarikei Dr. Hasrina Hassan	Pejabat Kesihatan Bahagian Bahagian Sarikei Tingkat 3, Wisma Persekutuan 96100 SARIKEI	hasrina@srwk.moh.gov.my	Tel: 084-651077 Fax: 084-654088 Hp: 013-3403363
9	Pegawai Kesihatan Bahagian Bahagian Sibu Dr. Muhamad Rais Abdullah	Pejabat Kesihatan Bahagian, Bahagian Sibu, Tingkat 5, Wisma Persekutuan, Persiaran Brooke, 96000 SIBU.	mdrais@srwk.moh.gov.my	Tel: 084-315494 Fax: 084-348284 Hp: 019-8196459
10	Pegawai Kesihatan Bahagian Bahagian Kapit Dr. Ngian Hie Hung	Pejabat Kesihatan Bahagian, Bahagian Kapit, Tingkat 3, Wisma Persekutuan, 96800 KAPIT.	ngiahu@srwk.moh.gov.my	Tel: 084-796404 Fax: 084-332502 Hp: 017-8030839
11	Pegawai Kesihatan Bahagian Bahagian Mukah Dr. Hj. Osman Hji. Rafaie	Pejabat Kesihatan Bahagian, Bahagian Mukah, Jalan Haji Muhammad Pauzi, 96400 MUKAH.	dho_mukah@yahoo.com	Tel: 084-873301 Fax: 084-872963 Hp: 013-8014700
12	Pegawai Kesihatan Bahagian Bahagian Bintulu Dr. Mohd Nasir Habib	Pejabat Kesihatan Bahagian, Bahagian Bintulu, Lebuhraya Abang Galau, 97000 BINTULU.	habibmnasir@gmail.com	Tel: 086-331455 Fax: 086-661814 Hp: 013-3440575
13	Pegawai Kesihatan Bahagian Bahagian Miri Dr. Faizul Mansoor	Pejabat Kesihatan Bahagian, Bahagian Miri, Jalan Temenggong Oyong Lawai Jau, 98000 MIRI.	bmfaizul@srwk.moh.gov.my	Tel: 086-424722 Fax: 086-429987 Hp: 013-8335504
14	Pegawai Epidemiologi Bahagian Bahagian Miri Dr. Veronica Lughah	Pejabat Kesihatan Bahagian, Bahagian Miri, Jalan Temenggong Oyong Lawai Jau, 98000 MIRI.	verolugah@yahoo.com	Tel: 086-424722 Fax: 086-429987 Hp: 019-6061847
15	Pegawai Kesihatan Bahagian Bahagian Limbang Dr. Norliza Jusoh	Pejabat Kesihatan Bahagian, Bahagian Limbang, Jalan Pandaruan, 98700 LIMBANG.	norlizaj@srwk.moh.gov.my	Tel: 085-211046 Fax: 085-429987 Hp: 019-8163163

ADVISORS:

Dr Zulkifli Jantan
State Director – Sarawak Health Department

Dr Jamilah Hashim
State Deputy Director (Public Health)

Datu Dr Andrew Kiyu
Consultant Epidemiologist

CHIEF EDITOR:

Dr Razitasham Safii, CDC Section

EDITORS & CONTRIBUTORS:

Tn Hj Asmad Matusop, Entomology Section

Dr Sarina Shuib, VBDC Section

Dr Noorzilawati Sahak, CPRC Unit

Mr Abdul Kadir Mohd. Anis

Mr Henry Nobor

Mr Davidson Clinn Tayus

Mr Dave Carister Peter George

Ms Carol Lim Wai Cheng

Mr Ahmad Zaidi Ujang

Ms Maliza Jalel

Mr Muslim Mohd. Ghazali

PPKP, VBDC Section

PPKP, STD/AIDS Section

PPKP, TBCLP/LCP Section

GRAPHIC:

Dr Noorzilawati binti Sahak

Mr Davidson Clinn Tayus

CORRESPONDENCE:

COMMUNICABLE DISEASE CONTROL SECTION,
Sarawak Health Department,
Jalan Tun Abang Haji Openg,
93590 Kuching,
Sarawak

Phone: 082-246350/248316/415944

Fax: 082-247254

Email: opsroom_jkns@srwk.moh.gov.my OR
cdcjkns@gmail.com



Note:

1. The data may be subject to change. Any enquiries please call CDC Section, Sarawak Health Department.
2. Prepared by CPRC (Crisis Preparedness and Response Centre), Communicable Disease Control Section, Sarawak Health Department.
3. Any comments or new ideas on Sarawak Weekly Epid. News are greatly appreciated.