



# SARAWAK

## WEEKLY EPID NEWS

Sarawak Health Department

WEEK 09

26<sup>th</sup> FEB. – 03<sup>rd</sup> MAC 2012

### INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

In Epid. Week 9, 2012, Sarawak Health Department received reports of 39 HFMD clusters, one dengue outbreak and one food poisoning outbreak.

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**SARAWAK**  
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

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## 2. NEW OUTBREAKS/CLUSTERS

No	Disease	District	Locality	Case (No)	Outbreak declared
1	Dengue	Kuching	Singgahsana Lodge employees' hostel, Jalan Padungan	2	1 March 2012
2	Food Poisoning	Miri	Industrial Training Institute (ILP)	28	22 Feb. 2012
3	HFMD	Dalat	Kpg Medong	2	2 March 2012
4		Serian	Kg. Jaya Ria, Ensegei	4	1 March 2012
5			Kg. Lebor, Balai Ringin	5	10 Feb. 2012
6		Sarikei	Sg. Sebarang	2	29 Feb. 2012
7			Rh John, Bukit Nyiur, Jakar	2	29 Feb. 2012
8		Miri	Youth Settlement Scheme Lopeng	2	27 Feb. 2012
9			Phase 2, Piasau Jaya	2	2 March 2012
10		Pakan	Rh Jambai Bt 2	3	26 Feb 2012
11		Serian	*SK Lubok Antu Reban	4	26 Feb 2012
12		Lawas	Kg Gaya Baru, Jalan Lawas Damit	4	1 March 2012
13		Bintulu	Tmn Kemena Sutera	2	29 Feb 2012
14		Betong	Rh Alin, Begumbang Layar,	3	28 Feb 2012
15			*SK St Augustine	3	28 Feb 2012
16		Sarikei	Taska Penyayang Baji Jaya, Lot 703, Lorong 2a, Jln Ixora, Kpg Sebarang	2	27 Feb 2012
17			Lorong 6, Jln Allamanda, Kg Sebarang	2	29 Feb 2012
18		Julau	Rh Jelian Ng Matop	2	24 Feb 2012
19			Rh Men Rantau Abau	2	28 Feb 2012
20		Kuching	*SK Pulo Petra Jaya	3	22 Feb 2012
21			Temple Street	3	20 Feb 2012
22		Serian	Kg. Lubok Ria Hilir	2	23 Feb 2012
23			Kg. Bintawa, Sg. Barie	2	28 Feb 2012
24		Sri Aman	*SK Sri Aman	5	17 Feb 2012

No	Disease	District	Locality	Case (No)	Outbreak declared
25	HFMD	Miri	Kuarters Institusi Pendidikan, Taman Tunku	2	24 Feb 2012
26			Jln Bulatan Krokop 10 (Lian Lee Sea Product)	2	27 Feb 2012
27		Kuching	Kg Sg Lumut, Jln Sultan Tengah	2	25 Feb 2012
28		Bau	*SK Grogog	3	28 Feb 2012
29		Kuching	Lorong 3c, Taman Landeh	3	23 Feb 2012
30		Sibu	Tadika Tieng Ong Tong	2	28 Feb 2012
31		Bau	Kg Sibuluh	2	29 Feb 2012
32		Saratok	Rh Dungau, Mendas Baru	4	27 Feb 2012
33		Bintulu	Kg Baru	4	20 Feb 2012
34		Sibu	Blok Q, Tingkat 3, Flat Sibujaya	2	27 Feb 2012
35			Tabika Kemas Kampung Jeriah (A-B)	3	26 Feb 2012
36		Kuching	Tadika Kristal Unggul, Jln Bamplyde	4	1 March 2012
37			Tadika Kristal Stapok, Jln Sg. Maong	2	1 March 2012
38			*SK Jalan Arang	2	2 March 2012
39			Tadika KEMAS, Country TUDM	2	2 March 2012

\*SK = Sekolah Kebangsaan (primary school)

### 3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 9, 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										1	7																
Bau											16																
Kuching						6					203				1				1		16			5			
Samarahan										1	44																
Asajaya											11										1						
Simunjan											22										1						
Serian						1					19		1														
Sri Aman						3					39		1														
L/ Antu						1					4		2														
Betong											27		2								1						
Saratok											8		1								2						
Sarikei						1					28																
Meradong											6		1														
Pakan/Julau											15		3														
Daro											19																
Matu													1														
Dalat											2																
Mukah											2				1												
Sibu						1					29		1														
Kanowit	1/0					1					4																
Selangau																											
Song											1																
Kapit											15		4														
Belaga						1					2		2								1						
Tatau						1					14		2								4						
Bintulu						2					43		1		7						11						1
Miri						3			28		58				12						16						
Marudi													2										1				
Limbang											54				5						1						
Lawas											4		1														
<b>TOTAL (Week 9)</b>	1/0	0	0	0	0	21	0	0	28	2	696	0	25	0	26	0	0	0	1	0	36	0	0	6	0	0	1
<b>Total (2012)</b>	10/3	0	0	0	0	179	0	0	207	47	1927	0	235	2	173	0	0	0	22	0	219	3	0	34	2	0	14
<b>Total (2011)</b>	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
<b>Total (2010)</b>	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
<b>Total (2009)</b>	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

\* Dengue and malaria: notification from Vector Section (VEKPRO).

\*\* 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 9<sup>th</sup> 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 9, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	1	5	0	10	3	0	0	0
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	4	0	2	0	0	0	0
Sibu	0	2	0	0	0	0	0	0
Kapit	0	2	0	1	0	0	0	0
Mukah	1	0	0	0	1	0	0	0
Bintulu	0	3	0	0	0	0	0	0
Miri	2	0	0	0	0	0	0	0
Limbang	0	0	0	0	0	0	0	0
<b>Sarawak</b>	<b>9</b>	<b>24</b>	<b>0</b>	<b>14</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note: S = Suspected; C = Confirmed

##### 4.2. Food Poisoning

One episode of food poisoning outbreak reported in Epid. Week 9, 2012 from Miri district at Institut Latihan Perindustrian Miri on 29<sup>th</sup> February 2012 involving 28 cases from 400 persons exposed. The suspected food based on the food attack rate was *ayam rebus* that was served on 25<sup>th</sup> February 2012.

##### 4.3. Cholera

No case reported in Epid. Week 9, 2012.

##### 4.4. Dysenteries (All forms)

Four suspected dysentery cases were reported in Epid. Week 9, 2012, one each from Samarahan, Simunjan, Asajaya and Kuching districts. Out of these four cases, one (from Simunjan district) was negative and the other cases are still pending for results. As at 3<sup>rd</sup> March 2012, a total of 24 suspected dysenteries (all form) cases were reported but none were positive.

##### 4.5. Typhoid and paratyphoid fever.

Two suspected typhoid cases were reported in Epid. Week 9, 2012 from Bau and Kuching districts. However, Stool and Blood C & S specimens from the suspected case are still pending. As at 3<sup>rd</sup> March 2012, a total of two confirmed typhoid and two confirmed paratyphoid cases were reported.

## 5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

### 5.1. Summary of total number of Vaccine Preventable Diseases by division from Epid. Week 1 till Epid. Week 9, 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	10	0	0	0	6	0	0	0	0	0	3	0
SAMARAHAN	0	0	4	0	0	0	1	0	0	0	0	0	0	0
SRI AMAN	0	0	6	1	0	0	4	1	0	0	0	0	0	0
BETONG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARIKEI	0	0	2	0	0	0	1	0	0	0	0	0	0	0
SIBU	0	0	1	1	0	0	0	0	0	0	0	0	1	0
KAPIT	0	0	2	0	0	0	1	0	0	0	0	0	0	0
MUKAH	0	0	1	0	0	0	0	0	0	0	0	0	0	0
BINTULU	0	0	71	20	2	8	9	0	0	0	0	0	0	0
MIRI	0	0	67	19	0	0	18	0	0	0	0	0	1	0
LIMBANG	0	0	9	0	0	0	3	0	0	0	0	0	0	0
<b>SARAWAK</b>	<b>0</b>	<b>0</b>	<b>173</b>	<b>41</b>	<b>2</b>	<b>8</b>	<b>43</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>

Note: S = suspected; C = confirmed

### 5.2. Measles (data derived from SM2)

A total of 26 suspected sporadic measles cases were reported in Epid. Week 9, 2012, from Bintulu (7), Kuching (1), Miri (12), Mukah (1) and Limbang (5) districts. No suspected measles outbreak reported in Epid. Week 9, 2012.

### 5.2.1 Measles Elimination Programme (MEP) Achievement by Division in Epid. Week 9, 2012

#### Measles Elimination Programme Strategies:

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

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	0	-	-	-
Betong	0	-	-	-
Sarikei	0	-	-	-
Sibu	0	-	-	-
Kapit	0	-	-	-
Mukah	1	1(100%)	1(100%)	1(100%)
Bintulu	7	7(100%)	7(100%)	7(100%)
Miri	12	12(100%)	12(100%)	12(100%)
Limbang	5	5(100%)	5(100%)	5(100%)
Sarawak	26	26 (100%)	26 (100%)	26 (100%)

### 5.3. Whooping Cough

No case of suspected whooping cough was reported in Epid. Week 9, 2012. As at 3<sup>rd</sup> March 2012 no confirmed cases reported.

### 5.4. Polio

No suspected case was reported in Epid. Week 9, 2012.

### 5.5. Rubella

No case of laboratory confirmed IgM Rubella was reported in Epid. Week 9, 2012. The cumulative confirmed case reported in 2012 remains as one.

### 5.6. Tetanus (All forms)

No suspected case was reported in Epid. Week 9, 2012.



## 6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

### 6.1 Notified HIV/AIDS cases for Epid. Week 9, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 9, 2012.

District / Division	2012			
	EW 9		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	1	0	1	0
Selangau	0	0	0	0
SIBU	1	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
<b>Sarawak</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>3</b>

EW = Epid. Week; Cum. = Cumulative figure

### 6.2 HIV/AIDS Patient Classification Notified in Epid. Week 9 and Cumulative from Epid. Week 1 until Epid. Week 9, 2012

District / Division	2012					
	Children		Women		Foreigner	
	EW 9	Cum.	EW 9	Cum.	EW 9	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	1	1	0	0
Selangau	0	0	0	0	0	0
SIBU	0	0	1	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
<b>Sarawak</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>1</b>

One HIV case was reported from Kanowit district in Epid. Week 9, 2012.



**3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 8, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid. Week 8, 2012.**

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 8	Cum.	EW 8	Cum.
Lundu	1	1	0	1
Bau	0	0	0	0
Kuching	0	20	1	4
<b>KUCHING</b>	<b>1</b>	<b>21</b>	<b>1</b>	<b>5</b>
Samarahan	1	4	0	2
Asajaya	0	2	0	1
Simunjan	0	1	0	0
Serian	0	2	0	0
<b>SAMARAHAN</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>3</b>
Sri Aman	0	0	0	4
Lubok Antu	0	1	0	1
<b>SRI AMAN</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5</b>
Betong	0	0	0	0
Saratok	0	1	0	0
<b>BETONG</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
Sarikei	0	0	0	0
Meradong	0	0	0	0
Pakan	0	0	0	0
Julau	0	0	0	0
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Daro	0	0	0	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	0	0
<b>MUKAH</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Sibu	0	7	0	4
Kanowit	0	0	0	0
Selangau	0	0	0	0
<b>SIBU</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>4</b>
Song	0	0	0	0
Kapit	0	0	0	0
Belaga	0	0	0	0
<b>KAPIT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Tatau	0	0	0	0
Bintulu	0	0	0	0
<b>BINTULU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Miri	0	8	0	2
Marudi	0	0	0	0
<b>MIRI</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>2</b>
Limbang	0	0	0	0
Lawas	0	0	0	0
<b>LIMBANG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Sarawak</b>	<b>2</b>	<b>47</b>	<b>1</b>	<b>22</b>

EW = Epid. Week; Cum. = Cumulative figure

**Gonorrhoea**

Two cases were reported in Epid. Week 9, 2012 from Lundu and Samarahan districts.

As at Epid. Week 9, 2012, the cumulative reported cases were 47.

**Syphilis (All forms)**

One case was reported in Epid. Week 9, 2012 from Kuching district. The cumulative cases in 2012 were 22.

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

### 7.1 Notified Tuberculosis cases for Epid. Week 9, 2012 compared to Epid. Week 9, 2011 and cumulative cases until Epid. Week 9, 2012.

District / Division	2012		2011		
	EW 9	Cum.	EW 9	Cum.	Total
Lundu	0	2	0	3	23
Bau	0	4	0	3	42
Kuching	16	61	0	44	340
KUCHING	16	67	0	50	405
Samarahan	0	5	0	0	29
Asajaya	1	5	0	0	15
Simunjan	1	8	0	0	34
Serian	0	8	0	1	52
SAMARAHAN	2	26	0	1	130
Sri Aman	0	3	0	1	58
Lubok Antu	0	1	0	2	40
SRI AMAN	0	4	0	3	98
Betong	1	1	0	4	33
Saratok	2	5	0	3	51
BETONG	3	6	0	7	84
Sarikei	1	4	0	0	49
Meradong	1	5	0	6	27
Pakan	0	0	0	0	20
Julau	0	2	0	0	20
SARIKEI	2	11	0	6	116
Daro	0	0	0	0	6
Matu	0	0	0	0	7
Dalat	0	0	0	0	8
Mukah	0	0	0	0	25
MUKAH	0	0	0	0	46
Sibu	0	19	0	0	169
Kanowit	0	5	0	0	27
Selangau	0	0	0	0	38
SIBU	0	24	0	0	234
Song	0	3	0	1	23
Kapit	0	6	0	2	56
Belaga	1	1	0	0	29
KAPIT	1	10	0	3	108
Tatau	4	4	0	0	42
Bintulu	11	11	0	5	183
BINTULU	15	15	0	5	225
Miri	16	41	50	50	290
Marudi	0	3	1	7	41
MIRI	16	44	51	57	331
Limbang	1	9	0	0	38
Lawas	0	3	5	5	23
LIMBANG	1	12	5	5	61
<b>Sarawak</b>	<b>56</b>	<b>219</b>	<b>56</b>	<b>137</b>	<b>1838</b>

EW = Epid. Week; Cum. = Cumulative figure

### 7.2 Notified Leprosy cases for Epid. Week 9, 2012 compared to Epid. Week 9, 2011 and cumulative cases until Epid. Week 9, 2012.

District / Division	2012		2011		
	EW 9	Cum.	EW 9	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
<b>Sarawak</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>

### 7.3 Notified Tuberculosis (all forms) Case

Classification as on 3<sup>rd</sup> March 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 9	Cum.	EW 9	Cum.	EW 9	Cum.
Lundu	0	0	0	1	0	1
Bau	0	3	0	1	0	0
Kuching	10	39	6	15	0	7
KUCHING	10	42	6	17	0	8
Samarahan	0	4	0	0	0	1
Asajaya	0	0	0	2	1	3
Simunjan	1	7	0	1	0	0
Serian	0	7	0	1	0	0
SAMARAHAN	1	18	0	4	1	4
Sri Aman	0	2	0	1	0	0
Lubok Antu	0	1	0	0	0	0
SRI AMAN	0	3	0	1	0	0
Betong	1	1	0	0	0	0
Saratok	2	4	0	1	0	0
BETONG	3	5	0	1	0	0
Sarikei	1	2	0	1	0	1
Meradong	1	5	0	0	0	0
Pakan	0	0	0	0	0	0
Julau	0	2	0	0	0	0
SARIKEI	2	4	0	1	0	1
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	15	0	3	0	1
Kanowit	0	4	0	1	0	0
Selangau	0	0	0	0	0	0
SIBU	0	19	0	4	0	1
Song	0	1	0	1	0	1
Kapit	0	1	0	1	0	4
Belaga	1	1	0	0	0	0
KAPIT	1	3	0	1	0	5
Tatau	4	4	0	0	0	0
Bintulu	6	6	5	5	0	0
BINTULU	10	10	5	5	0	0
Miri	9	30	4	8	3	4
Marudi	0	2	0	1	0	0
MIRI	9	30	4	9	3	4
Limbang	1	9	0	0	0	0
Lawas	0	1	0	1	0	1
LIMBANG	1	10	0	1	0	1
<b>Sarawak</b>	<b>37</b>	<b>131</b>	<b>15</b>	<b>36</b>	<b>4</b>	<b>18</b>

EW = Epid. Week; Cum. = Cumulative figure

#### Tuberculosis (all forms)

A total of 56 cases of tuberculosis (all forms) were reported in Epid. Week 9, 2012. As at 3<sup>rd</sup> March 2012, the cumulative total of reported cases were 219.

#### Leprosy

No case was reported in Epid. Week 9, 2012. The cumulative reported case in 2012 remains as zero.

#### 7.4 Notified Tuberculosis (all forms) Patient Classification as on 3<sup>rd</sup> March 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 9	Cum.	*Exposed		*Not exposed		EW 9	Cum.	EW 9	Cum.	EW 9	Cum.
			EW 9	Cum.	EW 9	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	1	2	0	0
KUCHING	0	0	0	0	0	0	0	1	1	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	0	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	0	0	0
Betong	0	0	0	0	0	0	0	0	1	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	1	1	0	0
Sarikei	0	0	0	0	0	0	0	0	0	0	0	0
Meradong	0	0	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	0	0	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	1	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	1	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	2	2	0	0
Bintulu	1	1	0	0	0	0	0	0	4	4	0	0
BINTULU	1	1	0	0	0	0	0	0	6	6	0	0
Miri	0	0	0	0	0	0	0	0	7	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	7	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
<b>Sarawak</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>15</b>	<b>18</b>	<b>0</b>	<b>0</b>

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

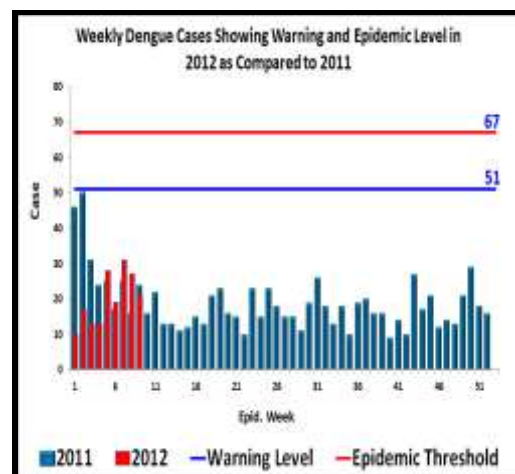
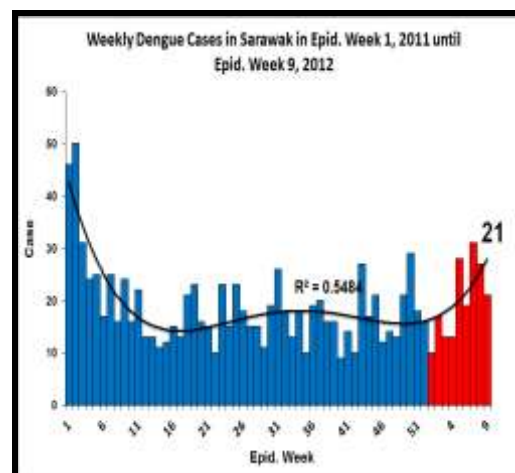
\* Possibility of exposed or not exposed to TB patient

**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 9, 2012 compared to Epid. Week 9, 2011 and cumulative cases until Epid. Week 9, 2012.

District	2012		2011		Total
	EW 9	Cum.	EW 9	Cum.	
Lundu	0	2	0	2	10
Bau	0	5	0	11	36
Kuching	6	28	3	26	106
Samarahan	0	7	0	3	21
Asajaya	0	1	0	0	4
Serian	1	3	0	3	18
Simunjan	0	4	0	5	19
Sri Aman	3	9	3	16	56
Lubok Antu	1	5	1	5	23
Betong	0	7	0	4	13
Saratok	0	3	0	0	11
Sarikei	1	6	0	7	28
Meradong	0	3	0	5	14
Pakan	0	4	1	6	23
Julau	0	1	0	1	17
Daro	0	0	0	5	6
Matu	0	0	0	1	1
Dalat	0	5	0	1	3
Mukah	0	2	1	2	5
Sibu	1	11	1	38	75
Kanowit	1	2	1	8	31
Selangau	0	1	0	5	10
Song	0	4	0	3	10
Kapit	0	8	3	14	32
Belaga	1	3	0	5	27
Tatau	1	5	1	9	47
Bintulu	2	8	0	26	100
Miri	3	34	8	27	134
Marudi	0	5	1	15	59
Limbang	0	3	0	3	20
Lawas	0	0	0	2	15
Sarawak	21	179	24	258	974



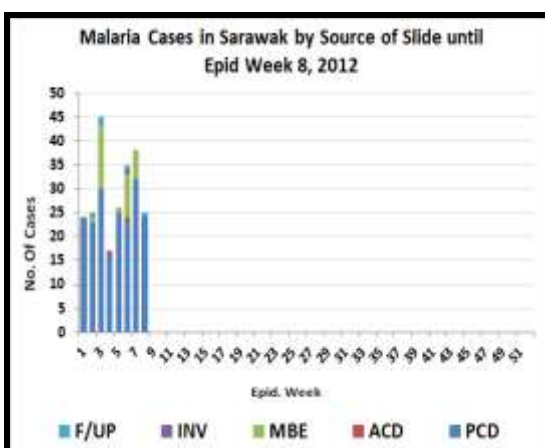
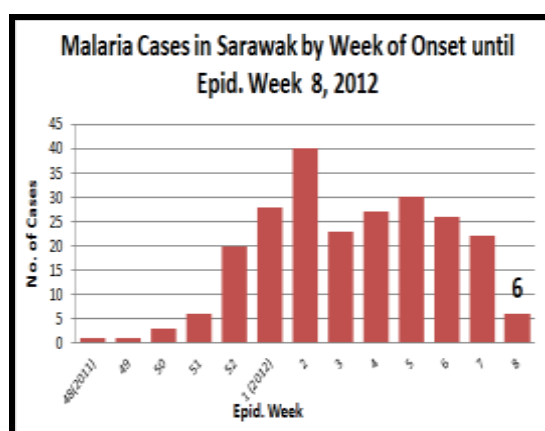
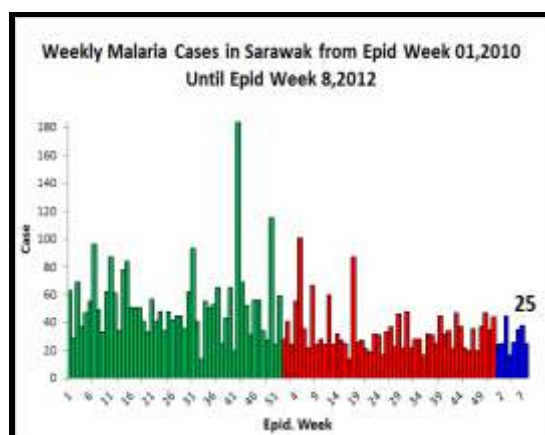
A total of 21 dengue cases were reported in Epid. Week 9, 2012 compared to 24 cases during the same period in 2011. There was a decreased of three cases from the previous week.

One outbreak locality was declared in Pasar Pusa, Betong district and one outbreak locality is still active in Singgahsana Lodge, Jalan Padungan, Kuching district.

EW = Epid. Week; Cum. = Cumulative figure

**8.2. Notified Malaria cases for Epid. Week 8, 2012 compared to Epid. Week 8, 2011 and cumulative cases until Epid. Week 8 in 2012.**

District	2012		2011		Total
	EW 8	Cum.	EW 8	Cum.	
Lundu	0	0	0	11	33
Bau	0	0	0	0	5
Kuching	0	7	0	1	23
Samarahan	0	0	0	2	3
Asajaya	0	0	0	0	1
Serian	1	2	0	2	21
Simunjan	0	1	0	0	2
Sri Aman	1	3	1	4	17
Lubok Antu	2	8	0	5	25
Betong	2	5	1	5	47
Saratok	1	2	0	0	3
Sarikei	0	3	1	4	16
Meradong	1	1	0	2	9
Pakan	2	10	0	2	29
Julau	1	17	1	7	69
Daro	0	2	0	0	2
Matu	1	1	0	0	2
Dalat	0	1	0	1	10
Mukah	0	1	0	1	2
Sibu	1	16	1	7	52
Kanowit	0	9	0	13	89
Selangau	0	4	2	2	16
Song	0	9	0	11	78
Kapit	4	35	4	33	230
Belaga	2	12	4	19	139
Tatau	2	6	1	2	34
Bintulu	1	4	1	5	39
Miri	0	5	0	11	40
Marudi	2	52	50	216	670
Limbang	0	8	0	1	21
Lawas	1	11	0	7	34
Sarawak	25	235	67	374	1761



A total of 25 cases were reported in Epid. Week 8, 2012. The cumulative cases till Epid. Week 8 is 235. Of the 235 cases, 52 cases (22%) from Marudi, 35 cases (15%) from Kapit and 17 cases (7%) from Julau districts.

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 8	Cum.
Passive Case Detection (PCD)	24	197
Active Case Detection (ACD)	0	2
Investigation slides ( INV)	0	1
Mass Blood Survey (MBS)	0	30
Follow-up	1	5
<b>Total</b>	<b>25</b>	<b>235</b>

### 8.2.2. Malaria cases by species

Species	2012	
	EW 8	Cum.
<i>P. vivax</i>	8	86
<i>P. falciparum</i>	1	19
<i>P. malariae</i>	0	9
<i>P. knowlesi</i>	16	121
<i>P. ovale</i>	0	0
Mixed	0	0
<b>Total</b>	<b>25</b>	<b>235</b>

### 8.2.3. Malaria cases by case classification

Classification	2012	
	EW 8	Cum.
Indigenous	22	194
*Imported A	2	40
Relapsed	1	1
Congenital	0	0
<b>Total</b>	<b>25</b>	<b>235</b>

### 8.2.4. The summary of the \*Imported A cases

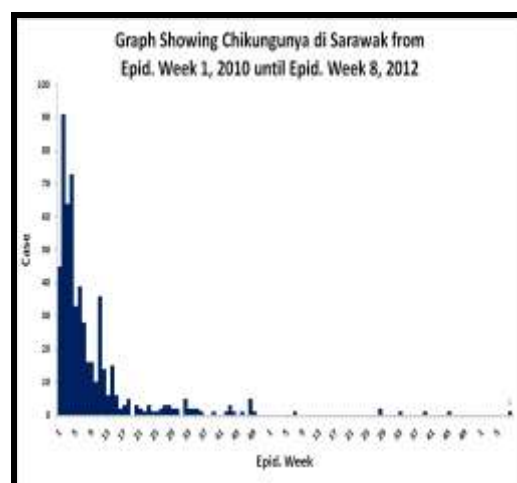
No.	District reported	Source of infection	Nationality	Age	Gender	Address in Sarawak	Species
1	Meradong	KKB Papua New Guinea	Malaysian	51	Male	Pen. Cina, S. Meradong	<i>P. vivax</i>
2	Sibu	KKB Rimbunan Hijau, Bata, Africa	Malaysian	47	Male	Unit 6, Block C3, Jalan Sibu Jaya, Durin	<i>P. falciparum</i>

**KKB** = Kem Kayu Balak (Logging Camp)



**8.3. Notified Chikungunya cases for Epid. Week 9, 2012 compared to Epid. Week 9, 2011 and cumulative cases until Epid. Week 9 in 2012.**

District	2012		2011		Total
	EW 8	Cum.	EW 8	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	0	1
Samarahan	0	0	0	0	0
Asajaya	1	1	0	0	1
Serian	0	0	0	0	1
Simunjan	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	1	1
Saratok	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
Daro	0	0	0	0	1
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	0	0	0
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	0	0	0	0
Tatau	0	0	0	0	0
Bintulu	0	0	0	0	0
Miri	0	0	0	0	0
Marudi	0	0	0	0	1
Limbang	0	0	0	0	0
Lawas	0	0	0	0	0
<b>Sarawak</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>6</b>



No case of chikungunya was reported in Epid. Week 9, 2012. The cumulative case of Chikungunya for 2012 remains as one.

EW = Epid. Week; Cum. = Cumulative figure

#### **8.4. Filariasis**

No case of Filariasis was reported in Epid. Week 9, 2012. The cumulative cases of Filariasis reported in 2012 remains as 6.

#### **8.5 Japanese Encephalitis (JE)**

No case of Japanese Encephalitis (JE) was reported in Epid. Week 9, 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 9, 2012. As at 3<sup>rd</sup> March 2012, the cumulative case of Viral Encephalitis remains as one.

#### **9.2. Viral Hepatitis (all form)**

Five cases of Hepatitis B (Acute=1 and Chronic=4) and one Chronic Hepatitis C were reported in Epid. Week 9, 2013. These cases were reported from Kuching and Marudi districts.

As at 3<sup>rd</sup> March 2012, the total cases reported were 34 cases with three acute Hepatitis B cases, 19 cases of chronic Hepatitis B, five cases of Acute Hepatitis C and seven cases of chronic Hepatitis C.

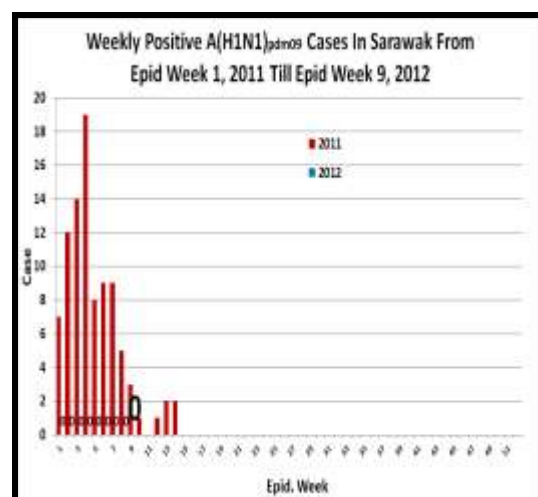
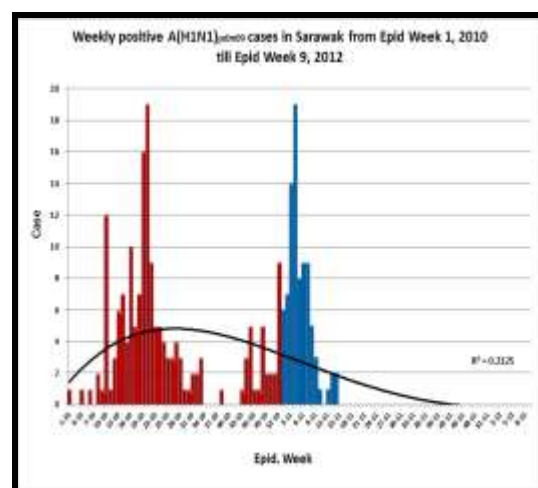
## 10. EMERGING/RE-EMERGING INFECTIOUS AND ZONOTIC DISEASES

### 10.1. A/H1N1<sub>pdm09</sub>

**10.1.1 Positive Pandemic Influenza A/H1N1<sub>pdm09</sub> cases for Epid. Week 9, 2012 compared to Epid. Week 9, 2011 and cumulative cases until Epid. Week 9 in 2012.**

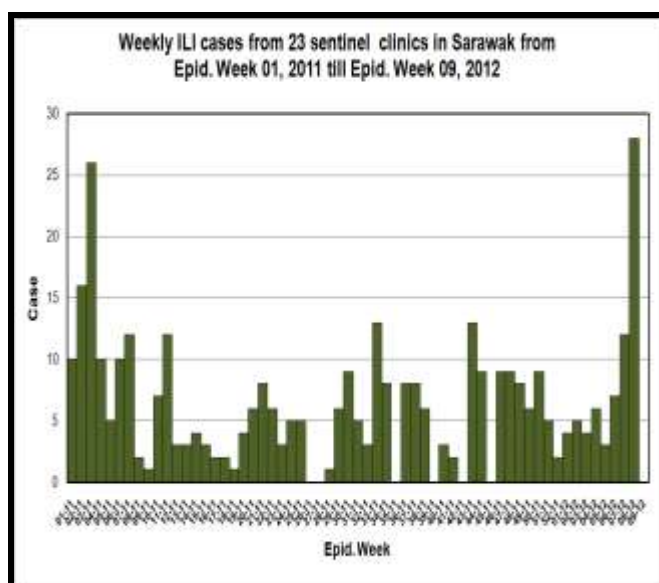
District	2012		2011		Total
	EW 9	Cum.	EW 9	Cum.	
Lundu	0	0	0	0	1
Bau	0	0	0	0	0
Kuching	0	0	1	40	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	0	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	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	0	1
Tatau	0	0	0	0	0
Bintulu	0	0	1	25	27
Miri	0	0	1	2	6
Marudi	0	0	0	0	0
Limbang	0	0	0	2	2
Lawas	0	0	0	1	1
<b>SARAWAK</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>71</b>	<b>92</b>

EW = Epid. Week; Cum. = cumulative figure



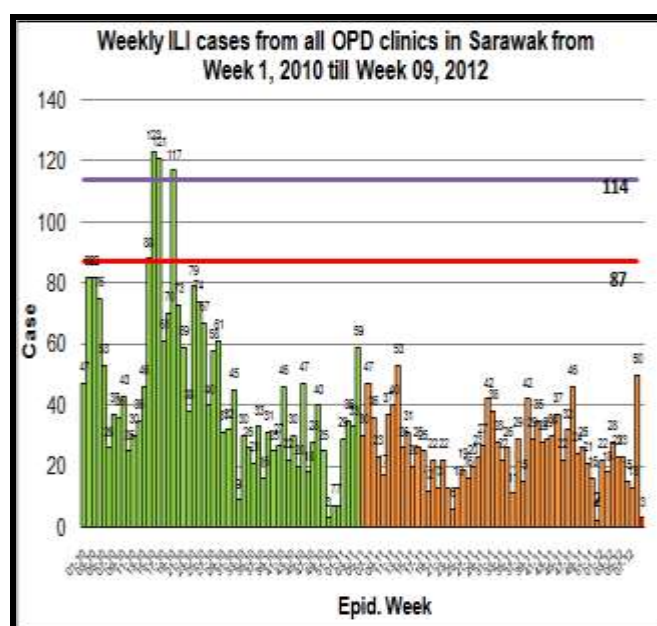
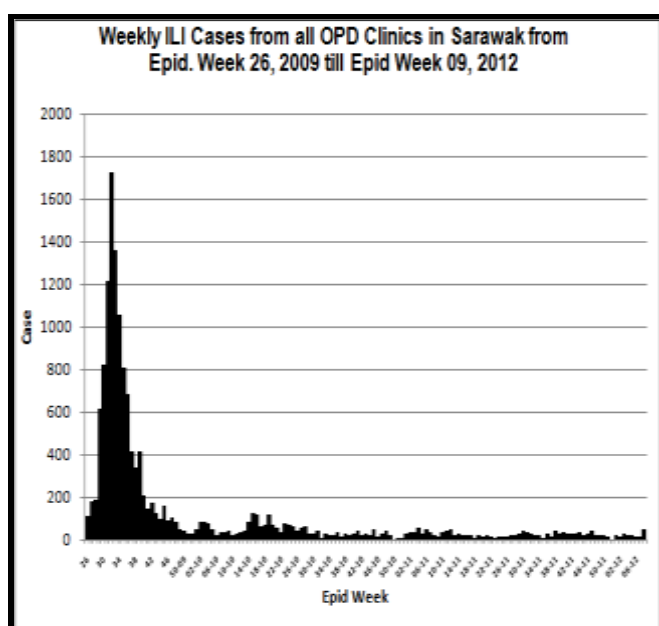
No A/H1N1<sub>pdm09</sub> positive case was reported in Epid. Week 9, 2012 compared to three cases reported for the same period in 2011.

### 10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid. Week 1 in 2010 till Epid. Week 9 in 2012.



In Epid. Week 9, 2012, no case reported from 23 sentinel clinics and 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).

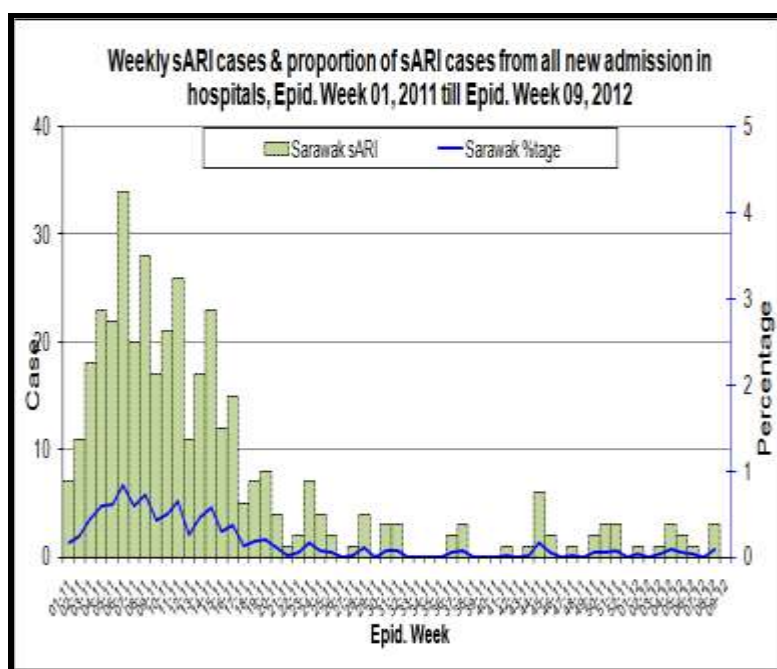


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 3<sup>rd</sup> March 2012.

No ILI cluster was reported. The latest cluster was on 3<sup>rd</sup> 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 3th March 2012.

Division	Hospital	New EW 9	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	2	13	0	0	4	0	0	0	2
	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	0	0	0	0	0	0
Miri	Miri	0	0	0	0	0	0	0	0	0
	Marudi	0	0	0	0	0	0	0	0	0
Limbang	Limbang	0	0	0	0	0	0	0	0	0
	Lawas	0	0	0	0	0	0	0	0	0
Total		2	20	0	0	4	0	0	0	2

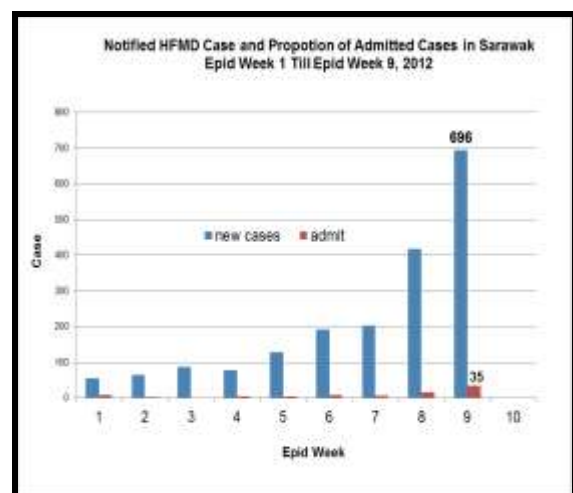
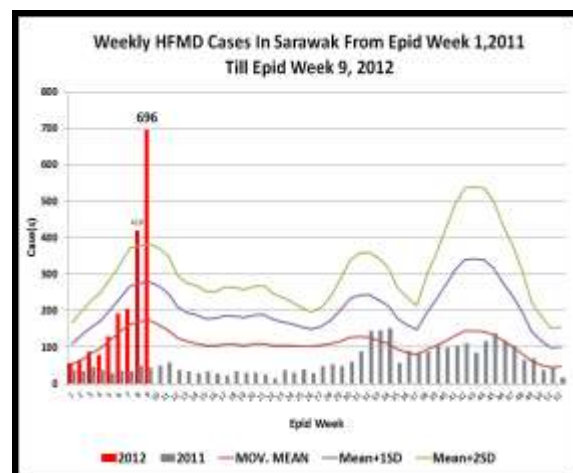
EW = Epid. Week; Cum. = Cumulative figure

Two sARI cases were reported in Epid. Week 9, 2012 from SGH Kuching. All laboratory results for Influenza A(H1N1) pdm09. was negative.

**10.2. Notified HFMD (masterlist) cases for Epid. Week 9, 2012 compared to Epid. Week 9, 2011 and cumulative cases in Epid. Week 9, 2011.**

District / Division	2012		2011		Total
	EW 9	Cum.	EW 9	Cum.	
Lundu	7	29	4	31	31
Bau	16	33	0	5	149
Kuching	203	613	0	1	602
<b>KUCHING</b>	<b>226</b>	<b>675</b>	<b>4</b>	<b>37</b>	<b>782</b>
Samarahan	44	100	1	4	127
Asajaya	11	14	0	0	35
Simunjan	22	28	0	0	19
Serian	19	73	0	0	39
<b>SAMARAHAN</b>	<b>96</b>	<b>215</b>	<b>1</b>	<b>4</b>	<b>220</b>
Sri Aman	39	72	1	3	97
Lubok Antu	4	8	0	0	18
<b>SRI AMAN</b>	<b>43</b>	<b>80</b>	<b>1</b>	<b>3</b>	<b>115</b>
Betong	27	106	2	8	57
Saratok	8	36	0	11	37
<b>BETONG</b>	<b>35</b>	<b>142</b>	<b>2</b>	<b>19</b>	<b>94</b>
Sarikei	28	70	7	44	188
Meradong	6	9	0	3	73
Pakan	13	18	0	1	7
Julau	2	12	0	0	32
<b>SARIKEI</b>	<b>49</b>	<b>109</b>	<b>7</b>	<b>48</b>	<b>300</b>
Daro	19	20	0	0	7
Matu	0	1	0	0	4
Dalat	2	9	1	16	84
Mukah	2	14	3	12	42
<b>MUKAH</b>	<b>23</b>	<b>44</b>	<b>4</b>	<b>28</b>	<b>137</b>
Sibu	29	73	2	26	149
Kanowit	4	5	0	0	6
Selangau	0	0	0	1	22
<b>SIBU</b>	<b>33</b>	<b>78</b>	<b>2</b>	<b>27</b>	<b>177</b>
Song	1	3	1	20	12
Kapit	15	48	0	0	64
Belaga	2	19	0	4	55
<b>KAPIT</b>	<b>18</b>	<b>70</b>	<b>1</b>	<b>24</b>	<b>131</b>
Tatau	14	25	6	84	25
Bintulu	43	234	0	7	25
<b>BINTULU</b>	<b>57</b>	<b>259</b>	<b>6</b>	<b>91</b>	<b>772</b>
Miri	58	138	9	42	324
Marudi	0	0	1	9	49
<b>MIRI</b>	<b>58</b>	<b>138</b>	<b>10</b>	<b>51</b>	<b>373</b>
Limbang	54	102	3	4	65
Lawas	4	15	0	0	4
<b>LIMBANG</b>	<b>58</b>	<b>117</b>	<b>3</b>	<b>4</b>	<b>69</b>
<b>SARAWAK</b>	<b>696</b>	<b>1927</b>	<b>41</b>	<b>336</b>	<b>3170</b>

EW = Epid. Week; Cum. = Cumulative figure



A total of 696 HFMD cases reported in Epid. Week 9, 2012 compared to 41 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. Bintulu
3. Samarahan
4. Betong
5. Miri

**10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 3<sup>rd</sup> March 2012.**

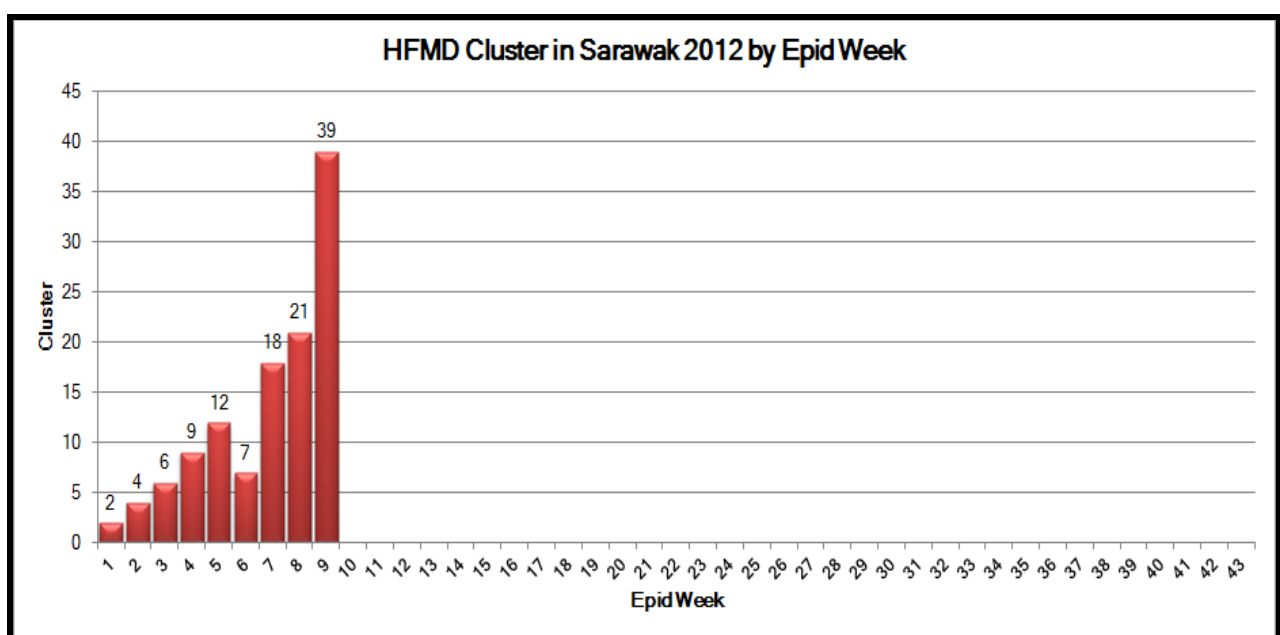
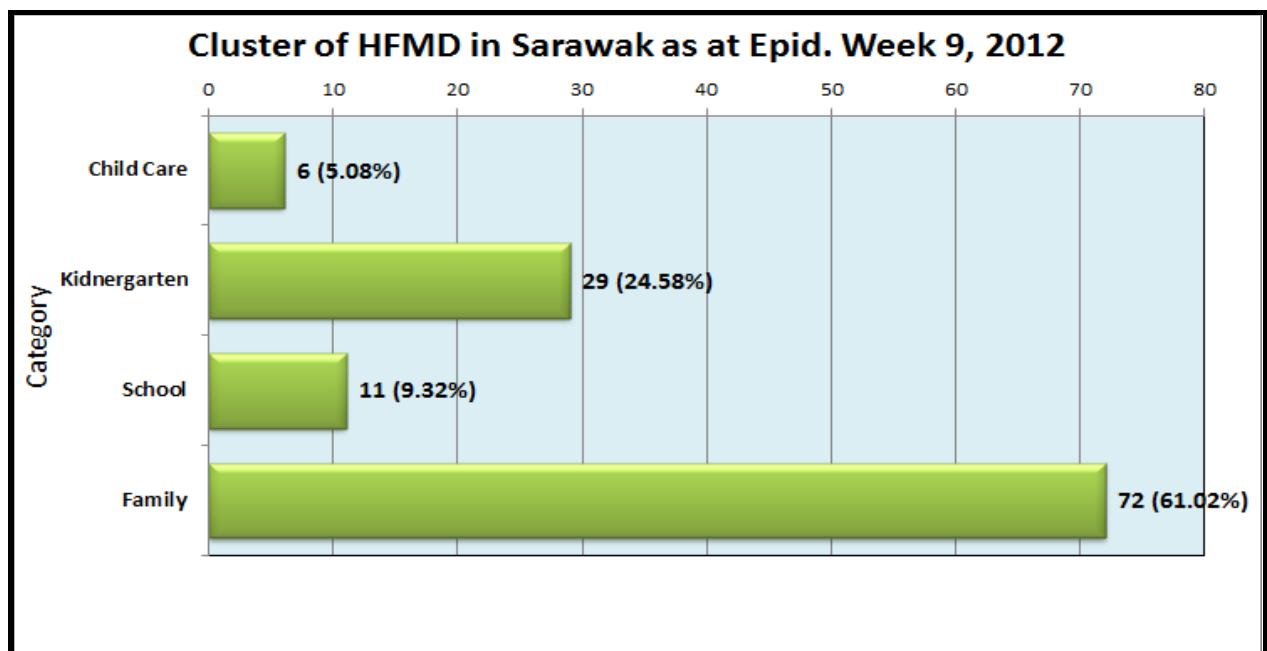
District	Masterlist		Registered Case		Back Log	
	EW 9	Total	EW 9	Total	EW 9	Total
Kuching	203	613	169	485	34	128
Bau	16	33	15	29	1	4
Lundu	7	29	6	28	1	1
<b>KUCHING</b>	<b>226</b>	<b>675</b>	<b>190</b>	<b>542</b>	<b>36</b>	<b>133</b>
Samarahan	44	100	34	76	10	24
Asajaya	11	14	8	8	3	6
Simunjan	22	28	0	1	22	27
Serian	19	73	19	45	0	28
<b>SAMARAHAN</b>	<b>96</b>	<b>215</b>	<b>61</b>	<b>130</b>	<b>35</b>	<b>85</b>
Sri Aman	39	72	19	42	35	30
Lubok Antu	4	8	0	3	20	5
<b>SRI AMAN</b>	<b>43</b>	<b>80</b>	<b>19</b>	<b>45</b>	<b>55</b>	<b>35</b>
Betong	27	106	21	84	6	22
Saratok	8	36	6	23	2	13
<b>BETONG</b>	<b>35</b>	<b>142</b>	<b>27</b>	<b>107</b>	<b>8</b>	<b>35</b>
Sarikei	28	70	2	14	26	56
Meradong	6	9	0	2	6	7
Pakan	13	18	6	9	7	9
Julau	2	12	2	10	0	2
<b>SARIKEI</b>	<b>49</b>	<b>109</b>	<b>10</b>	<b>35</b>	<b>39</b>	<b>74</b>
Daro	19	20	0	1	19	19
Matu	0	1	0	1	0	0
Mukah	2	14	2	5	0	9
Dalat	2	9	2	7	0	2
<b>MUKAH</b>	<b>23</b>	<b>44</b>	<b>4</b>	<b>14</b>	<b>19</b>	<b>30</b>
Sibu	29	73	23	60	6	13
Selangau	0	0	0	0	0	0
Kanowit	4	5	0	1	4	4
<b>SIBU</b>	<b>33</b>	<b>78</b>	<b>23</b>	<b>61</b>	<b>10</b>	<b>17</b>
Kapit	15	49	5	31	10	18
Song	1	3	0	2	1	1
Belaga	2	18	1	13	1	5
<b>KAPIT</b>	<b>18</b>	<b>70</b>	<b>6</b>	<b>46</b>	<b>12</b>	<b>24</b>
Bintulu	43	234	15	63	28	171
Tatau	14	25	0	3	14	22
<b>BINTULU</b>	<b>57</b>	<b>259</b>	<b>15</b>	<b>66</b>	<b>42</b>	<b>193</b>
Miri	58	138	45	108	13	30
Marudi	0	0	0	0	0	0
<b>MIRI</b>	<b>58</b>	<b>138</b>	<b>45</b>	<b>108</b>	<b>13</b>	<b>30</b>
Limbang	54	102	24	52	30	50
Lawas	4	15	1	7	3	8
<b>LIMBANG</b>	<b>58</b>	<b>117</b>	<b>25</b>	<b>59</b>	<b>33</b>	<b>58</b>
<b>SARAWAK</b>	<b>696</b>	<b>1927</b>	<b>425</b>	<b>1213</b>	<b>302</b>	<b>714</b>

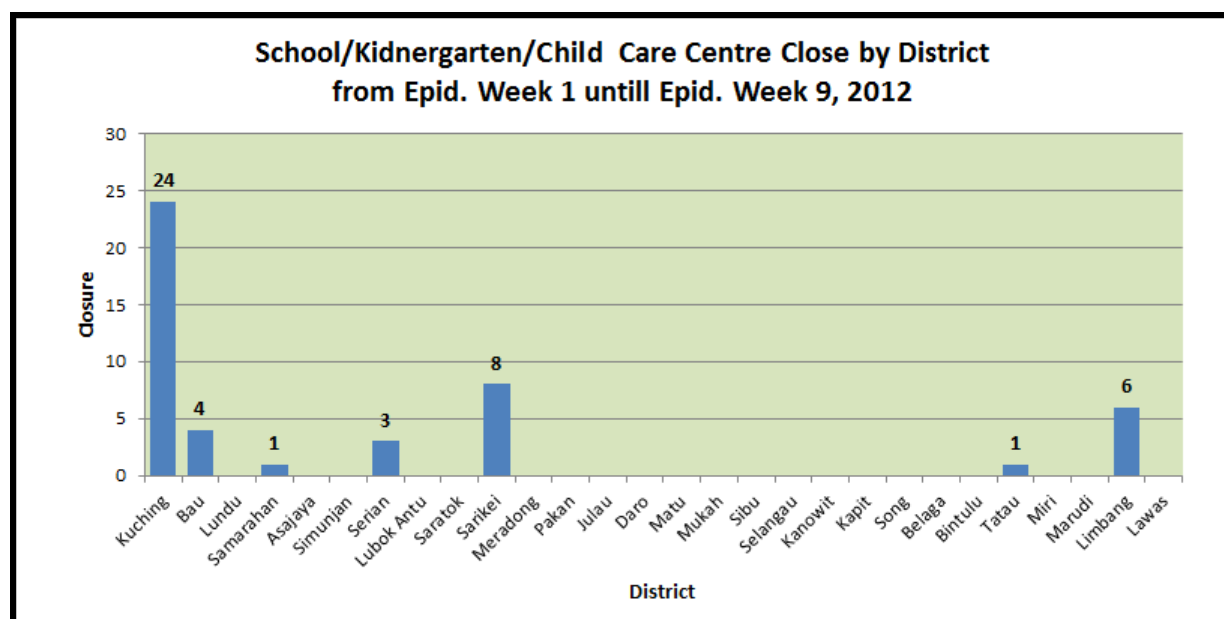
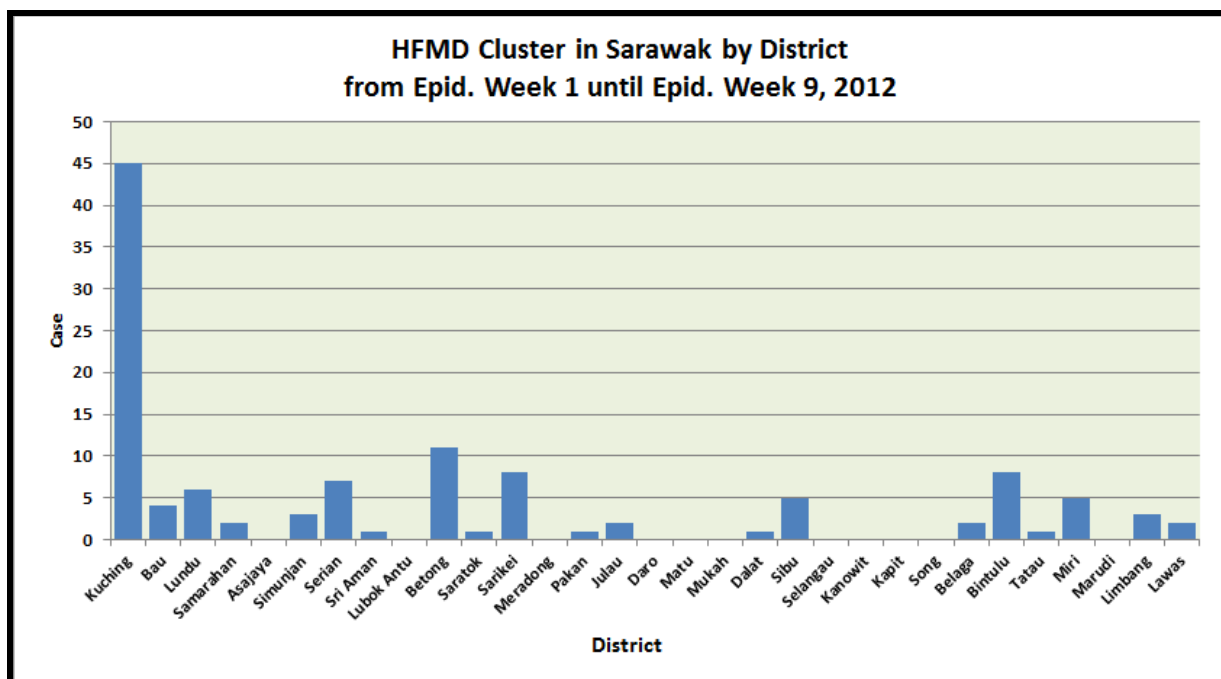


### 10.2.2. Cumulative HFMD Clusters as of 25<sup>th</sup> February 2012.

A total of 39 HFMD clusters were reported in Epid. Week 9, 2012. A total of seven clusters were reported from Kuching, two each from Sibü and Simunjan and one each from Serian, Sarikei, Saratok, Lundu, Bau, Serian and Betong districts involving eight kindergartens, two primary schools and 29 family clusters.

As at 3<sup>rd</sup> March 2012, a total of 118 clusters were reported. Of these, 72 (62.02%) were family clusters, 29 kindergartens (24.58%), 11 primary schools (9.32%), and 6 child care centres (5.08%).





**10.3. Notified Leptospirosis cases for Epid. Week 9, 2012 compared to Epid. Week 9, 2011 and cumulative cases till Epid. Week 9 in 2012.**

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (09) 2012	EW (09) 2011	EW (09) 2012	EW (09) 2011			
Lundu	0	0	0	0	0	7	0
Bau	0	0	0	0	0	4 (1)	1
Kuching	0	0	0	0	3	40 (2)	12
<b>KUCHING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>51 (3)</b>	<b>13</b>
Samarahan	0	0	0	0	0	3	1
Asajaya	0	0	0	0	0	3	0
Simunjan	0	0	0	0	0	8 (1)	1
Serian	0	0	0	0	0	10 (2)	2
<b>SAMARAHAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24 (2)</b>	<b>4</b>
Sri Aman	0	0	0	0	0	13 (2)	1
Lubok Antu	0	0	0	0	1	11	3 (1)
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>24 (2)</b>	<b>4 (1)</b>
Betong	0	0	0	0	1	5 (1)	0
Saratok	0	0	0	0	0	5	0
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>10 (1)</b>	<b>0</b>
Sarikei	0	0	0	0	0	1	1
Meradong	0	0	0	0	0	24	1
Pakan	0	0	0	0	0	3	1
Julau	0	0	0	0	1	0	1
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>28</b>	<b>4</b>
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
<b>MUKAH</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4 (1)</b>	<b>2</b>
Sibu	0	0	0	0	0	2	6
Kanowit	0	0	0	0	0	4	1
Selangau	0	0	0	0	0	3	0
<b>SIBU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>7</b>
Song	0	0	0	0	0	1	2
Kapit	0	0	0	0	1	12	1
Belaga	0	0	0	0	0	7 (1)	0
<b>KAPIT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>20 (1)</b>	<b>3</b>
Tatau	0	0	0	0	1	1	0
Bintulu	0	0	1	0	2	11 (3)	6
<b>BINTULU</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>12 (3)</b>	<b>6</b>
Miri	0	0	0	0	1	12	3
Marudi	0	0	0	0	0	2	2
<b>MIRI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>14</b>	<b>5</b>
Limbang	0	0	0	0	3	2 (1)	1
Lawas	0	0	0	0	0	0	0
<b>LIMBANG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2 (1)</b>	<b>1</b>
<b>SARAWAK</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>14</b>	<b>198 (15)</b>	<b>49 (1)</b>

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 9<sup>th</sup> December 2010 (Surat Pekeliling Ketua Pengarah Kesihatan Malaysia Bil. 33/2010**

**10.4. Notified Melioidosis cases for Epid. Week 9, 2011 compared to Epid. Week 9, 2011 and cumulative cases until Epid. Week 9, 2012.**

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (09) 2012	EW (09) 2011	EW (09) 2012	EW (09) 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
SRI AMAN	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	0	0	1	2	62 (3)	162 (1)
Belaga	0	1	0	1	0	21 (4)	28 (1)
KAPIT	0	1	0	2	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	2	3 (1)	119 (10)	343 (18)

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

**10.4.1 Melioidosis Death case (Positive) 2012**

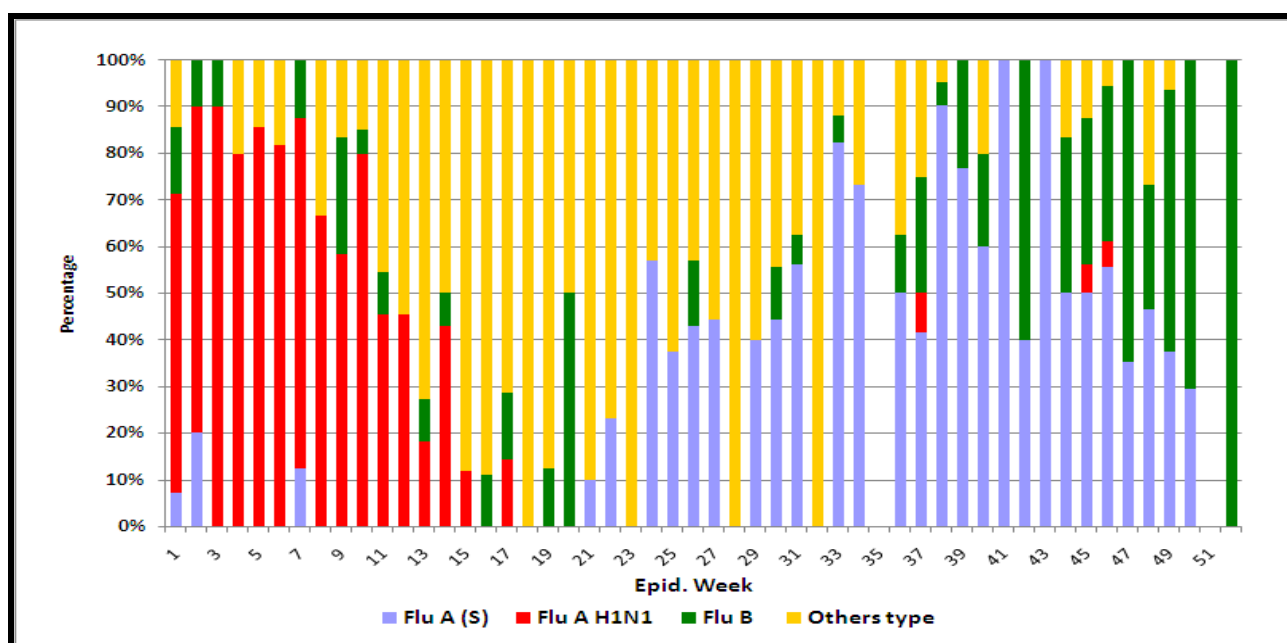
No.	# District	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
1	Selangau	Sibu	48	Iban	Female	09/02/2012	DM, HPT & Asthma	Farmer

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.



\* specimens 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)<sub>pdm09</sub> (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).

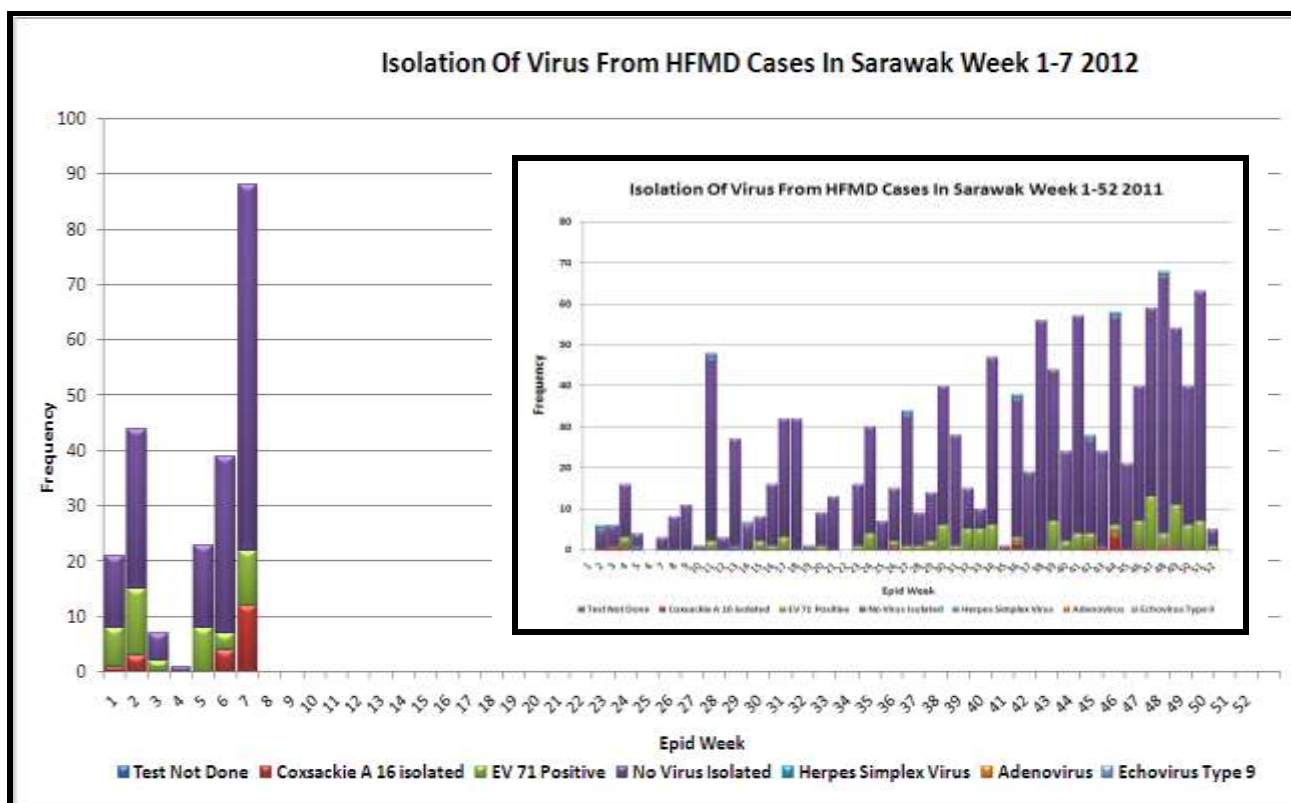
### 11.2. Laboratory Based Surveillance for Measles in Malaysia

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.

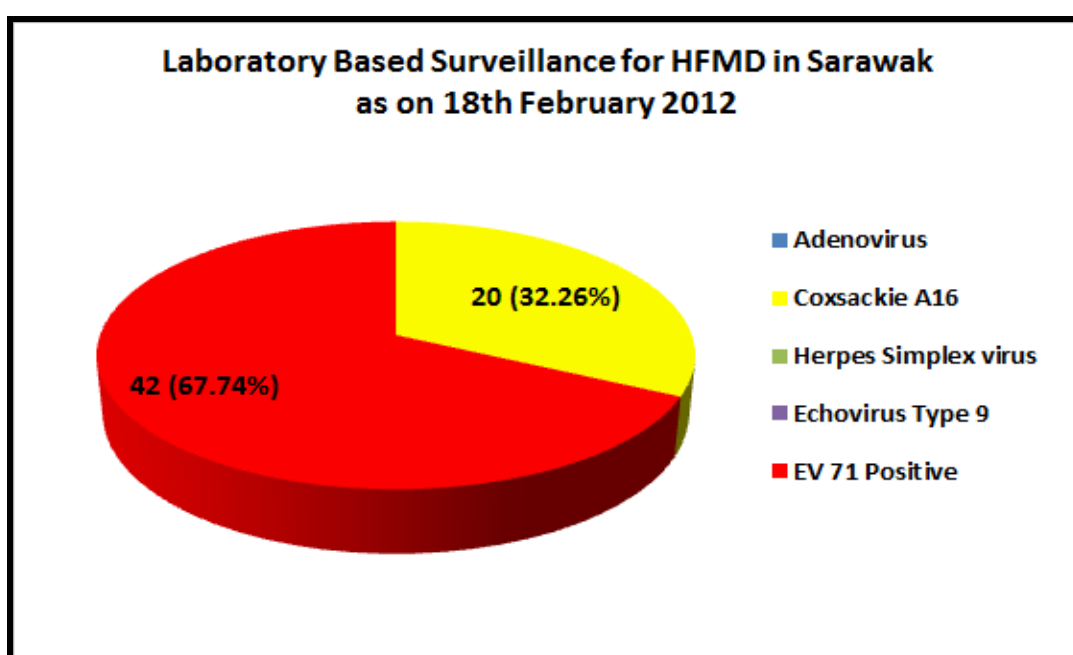
In 2011, Sarawak Health Department sent a total of 360 serum specimens for serology test to MKAK Sg. Buloh. Of these, 40 were positive for IgM Measles (with 6 equivocal) and 40 positive for Rubella (with 17 equivocal).

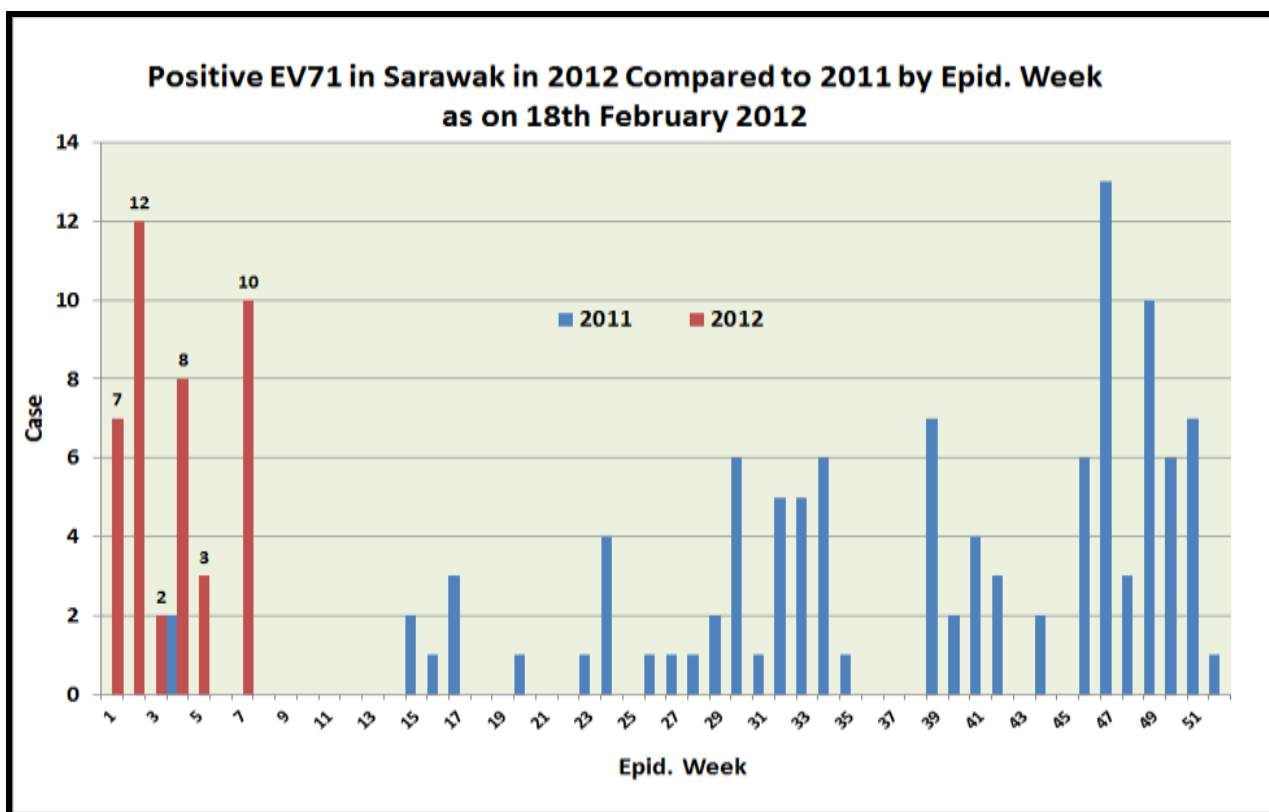
### 11.3. Laboratory Based Surveillance for HFMD in Sarawak from Epid Week 1 till Epid Week 7, 2012 compared to 2011 (insert).



\*results from EW 7, 2012 onwards are still pending

As on 18<sup>th</sup> February, 2012, a total of 590 specimens were sent to MKAK Sg. Buloh for viral isolation. Of these, 62 (10.51%) specimens isolated viruses: EV71 (42), Coxsackie A16 (20). No viruses isolated in 161 (27.29%) specimens and another 367 (62.20%) specimens were 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 9<sup>th</sup> 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)

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**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.