



# SARAWAK

## WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 12

17<sup>th</sup>– 23<sup>rd</sup> March, 2013

### INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

Local update:

Number of dengue cases lower than alert level.

Number of HFMD cases still above the outbreak level.

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**SARAWAK**  
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

Communicable Disease Control Section, Sarawak Health Department

(Phone: 082-443248; e-mail: opsroom\_jkns@srwk.moh.gov.my or cdcjkns@gmail.com; Fax: 082-443098)

## 2. NEW OUTBREAKS/CLUSTERS

### HFMD

District	Category Of HFMD Cluster, Epid Week 12, 2013				Total	New Closure
	Family	Child Care Centre	Kindergarten	School		
Lundu	1	0	0	0	1	0
Bau	2	0	0	0	2	0
Kuching	8	0	0	0	8	0
Samarahan	1	0	0	0	1	0
Serian	1	0	0	0	1	0
Sri Aman	2	0	1	0	3	1
Sarikei	4	0	0	0	4	0
Pakan	2	0	0	0	2	0
Daro	3	0	0	0	3	0
Mukah	0	0	1	0	1	0
Sibu	4	1	1	0	6	0
Selangau	1	0	0	0	1	0
Song	1	0	0	0	1	0
Kapit	1	0	0	0	1	0
Bintulu	6	0	0	0	6	0
Miri	9	0	0	0	9	0
<b>Sarawak</b>	<b>46</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>50</b>	<b>1</b>

### 3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 12, 2013

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											13																
Bau											11																
Kuching						1					68			1													
Samarahan											8																
Asajaya											0																
Simunjan											6				1												
Serian											7																
Sri Aman						3					13										2						
L/ Antu																											
Betong						1					4		1								2						
Saratok							1		2		10				2						2						
Sarikei						2					14				1						3						
Meradong											9				1												
Pakan											4		1														
Julau											2		1														
Daro											1																
Matu																											
Dalat											31																
Mukah											10																
Sibu						7					48										2						
Kanowit																					3						
Selangau											10										3						
Song						1					11		1														
Kapit						2					22		5								3						
Belaga											7		1														
Tatau											2																
Bintulu											26		1								5						
Miri						1					59		1		1						12						
Marudi						1																					
Limbang																					1						
Lawas						2							2								1						
TOTAL (Week 12)						21	1		2		402		14		6						58						
Total (2013)	44/13					499	2		320	127	3697		210		107				36		541	4		35			66
Total (2012)	159/102	0	0	111	0	1519	38	0	1463	479	13495	46	1573	12	724	0	0	0	271	1	2187	33	0	177	1	0	271
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	73

**Note: HIV/AIDS, Syphilis & Gonorrhoea up to week 11.**

**\*\* 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. Cumulative cases from EpidWeek 1 until Epid Week 12, 2013

District	Input Notification / Registered cases								
	Typhoid/Paratyphoid				FP*	Cholera	Dysentery		Hep. A
	Suspected	<i>S. typhi</i>	Para. A	Para. B			S	C	
Lundu	0	0	0	0	0	0	0	0	0
Bau	0	0	0	0	0	0	0	0	0
Kuching	0	0	0	0	10	0	4	0	0
Asajaya	0	0	0	0	30	0	1	0	0
Samarahan	0	0	0	0	0	0	1	0	0
Simunjan	0	0	0	0	0	0	0	0	0
Serian	0	0	0	0	77	0	0	0	0
Sri Aman	0	0	0	0	0	0	0	0	0
LubokAntu	35	2	0	0	0	0	0	0	0
Betong	0	0	0	0	4	0	1	0	0
Saratok	0	0	0	0	2	0	2	1	0
Sarikei	0	0	0	0	0	0	5	0	0
Maradong	2	2	0	0	0	0	0	0	0
Julau	0	0	0	0	0	0	1	0	0
Pakan	0	0	0	0	4	0	4	1	0
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
Matu	0	0	0	0	0	0	0	0	0
Sibu	0	0	0	0	6	0	5	0	0
Kanowit	1	0	0	0	73	0	3	0	0
Selangau	0	0	0	0	31	0	0	0	0
Kapit	0	0	0	0	6 (1)	0	1	0	0
Belaga	0	0	0	0	0	0	0	0	0
Song	0	0	0	0	35	0	1	0	0
Bintulu	1	0	0	0	4	0	3	0	0
Tatau	0	0	0	0	0	0	1	0	0
Miri	0	0	0	0	15	0	0	0	0
Marudi	0	0	0	0	3	0	0	0	0
Limbang	1	0	0	0	8	0	0	0	0
Lawas	0	0	0	0	12	0	0	0	0
<b>Total</b>	<b>40</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>320(1)</b>	<b>0</b>	<b>37</b>	<b>2</b>	<b>0</b>
<b>2012</b>	<b>132</b>	<b>28</b>	<b>7</b>	<b>3</b>	<b>1551</b>	<b>111</b>	<b>131</b>	<b>15</b>	<b>3</b>

\*Note:

S = Suspected; C = Confirmed

FP: Food Poisoning

## 5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

### 5.1. Totalnumber of Vaccine Preventable Diseases (VPD) by division from EpidWeek 1 until Epid Week 12, 2013

Division	TYPES OF DISEASES										
	Measles					Rubella	Tetanus C	Whooping Cough		Hepatitis B	
	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirmed		S	C	Acute	Chronic
		Lab. Confirmed	Clinically Confirmed	Epid Link							
Kuching	15	0	0	0	7	3	0	9	0	0	2
Samarahan	9	0	0	0	4	0	0	4	1	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	0	1
Betong	9	0	0	0	3	1	0	0	0	0	2
Sarikei	15	2	0	0	8	2	1	0	0	0	0
Sibu	3	0	0	0	2	0	0	0	0	0	0
Kapit	25	0	0	0	10	8	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	1	0	1	1
Bintulu	6	0	0	0	1	1	0	0	0	0	0
Miri	21	0	0	0	12	4	0	0	0	0	3
Limbang	4	0	0	0	1	0	0	0	0	1	7
Sarawak	107	2	0	0	48	19	1	14	1	2	16

Note: S = suspected; C = confirmed

### 5.2.Measles Elimination Programme (MEP) Achievement by Division fromEpid. Week 1 until Epid Week 12, 2013

Division	No. Of cases	Indicator High Quality Surveillance (>80%)					
		No. of Suspected cases Notified within 24 hours	% of Suspected cases Notified within 24 hours	No of suspected cases with adequate Investigation within 48 hours of notification	% of suspected cases with adequate Investigation within 48 hours of notification	No of suspected cases with adequate blood specimens	% of suspected cases with adequate blood specimens
Kuching	15	13	86,67	14	93,33	15	100,00
Samarahan	9	9	100,00	9	100,00	9	100,00
Sri Aman	0	0	-	0	-	0	-
Betong	9	9	100,00	7	77,78	9	100,00
Sarikei	15	14	93,33	14	93,33	15	100,00
Sibu	3	3	100,00	3	100,00	3	100,00
Kapit	25	23	92,00	25	100,00	25	100,00
Mukah	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
Bintulu	6	6	100,00	6	100,00	6	100,00
Miri	21	19	90,48	19	90,48	19	90,48
Limbang	4	4	100,00	4	100,00	4	100,00
<b>Sarawak</b>	<b>107</b>	<b>100</b>	<b>93,46</b>	<b>101</b>	<b>94,39</b>	<b>105</b>	<b>98,13</b>

## 5.4 Acute Flaccid Paralysis (AFP)

### Reported AFP cases in Sarawak, in Epid Week 1-12, 2013.

Division	Population age < 15	Reported AFP 2012	<sup>1</sup> Expected AFP 2013	Reported AFP 2013	Indicators		
					<sup>2</sup> Adequate stool	<sup>3</sup> Adequate follow up	Discard category
Kuching	238,400	1	2	0	1	0	0
Samarahan	79,300	3	1	0	0	0	0
Sri aman	33,300	0	1	0	0	0	0
Betong	43,600	0	1	0	0	0	0
Sibu	97,900	0	1	0	0	0	0
Kapit	37,400	0	1	0	0	0	0
Mukah	30,100	0	1	0	0	0	0
Sarikei	65,000	1	1	0	0	0	0
Miri	123,500	2	1	1	0	0	0
Bintulu	75,800	1	1	0	0	0	0
Limbang	30,400	0	1	0	0	0	0
<b>TOTAL</b>	<b>854.7</b>	<b>8</b>	<b>12</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>

<sup>1</sup>Target Non AFP = 1 case per 100 000 population <15 years old.

#### Note :

-Notification period of 14 days from the date of onset : Target >80%

-Investigation within 48 hours of notification : Target >80%

--<sup>2</sup>Collection of two stool specimens at 24 hours apart within 14 days from the onset of paralysis : Target >80%

-<sup>3</sup>Follow-up examination for residual paralysis at 60 days after onset of paralysis : Target >80%

#### Case Definition of AFP :

Sudden onset of acute paralysis especially in the legs or arms in children less than 15 years old.

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

### 6.1 Notified HIV/AIDS cases for Epid. Week 11, 2013 and cumulative cases from Epid.Week 1,2013 until Epid Week 11 ,2013.

#### HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		1		1	
Kuching		16		8	
<b>KUCHING</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>9</b>	
Samarahan		3		4	
Asajaya		0		0	
Simunjan		0		2	
Serian		2		1	
<b>SAMARAHAN</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>7</b>	
Sri Aman		0		1	
Lubok Antu		0		0	
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
Betong		0		0	
Saratok		0		0	
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Sarikel		0		0	
Meradong		0		0	
Pakan		0		0	
Iulau		0		0	
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Daro		0		0	
Matu		0		0	
Dalat		0		0	
Mukah		0		0	
<b>MUKAH</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Sibu		2		2	
Kanowit		1		1	
Selangau		0		0	
<b>SIBU</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>	
Song		0		0	
Kapit		0		0	
Belaga		2		0	
<b>KAPIT</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	
Tatau		0		0	
Bintulu		4		0	
<b>BINTULU</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	
Miri		10		1	
Marudi		0		1	
<b>MIRI</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>5</b>	
Limbang		0		1	
Lawas		3		1	
<b>LIMBANG</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>2</b>	
<b>Sarawak</b>	<b>0</b>	<b>44</b>	<b>0</b>	<b>27</b>	

#### AIDS

District / Division	2012		2011		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		0		1	
Kuching		2		11	
<b>KUCHING</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>12</b>	
Samarahan		0		0	
Asajaya		0		0	
Simunjan		1		0	
Serian		2		1	
<b>SAMARAHAN</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	
Sri Aman		0		0	
Lubok Antu		0		0	
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Betong		0		1	
Saratok		0		0	
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
Sarikel		0		0	
Meradong		0		0	
Pakan		0		1	
Iulau		0		0	
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
Daro		0		0	
Matu		0		0	
Dalat		0		0	
Mukah		1		0	
<b>MUKAH</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	
Sibu		2		0	
Kanowit		0		1	
Selangau		0		0	
<b>SIBU</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	
Song		1		0	
Kapit		0		0	
Belaga		0		2	
<b>KAPIT</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	
Tatau		0		0	
Bintulu		0		4	
<b>BINTULU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	
Miri		1		4	
Marudi		1		0	
<b>MIRI</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>	
Limbang		0		0	
Lawas		1		0	
<b>LIMBANG</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	
<b>Sarawak</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>26</b>	

EW = Epid. Week; Cum. = Cumulative figure



**6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 11, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 11, 2013.**

**Gonorrhoea**

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		3	
Bau		1		1	
Kuching	5	55	5	19	
<b>KUCHING</b>	<b>5</b>	<b>56</b>	<b>5</b>	<b>23</b>	
Samarahan	3	14		4	
Asajaya	1	6		3	
Simunjan	1	2		1	
Serian		2		1	
<b>SAMARAHAN</b>	<b>5</b>	<b>24</b>	<b>0</b>	<b>9</b>	
Sri Aman		0		5	
Lubok Antu		0		1	
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	
Betong		3		0	
Saratok		1		0	
<b>BETONG</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	
Sarikei		4		0	
Meradong		1		0	
Pakan	1	1		1	
Julau		0		0	
<b>SARIKEI</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>1</b>	
Daro	1	1		0	
Matu	1	1	1	1	
Dalat		0		0	
Mukah		2		0	
<b>MUKAH</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>1</b>	
Sibu	4	17		6	
Kanowit	1	1		0	
Selangau		0		0	
<b>SIBU</b>	<b>5</b>	<b>18</b>	<b>0</b>	<b>6</b>	
Song		0		0	
Kapit		3		0	
Belaga		0		0	
<b>KAPIT</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	
Tatau		3		0	
Bintulu		4		4	
<b>BINTULU</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>4</b>	
Miri	1	4		2	
Marudi		0		1	
<b>MIRI</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>3</b>	
Limbang		1		2	
Lawas		0		0	
<b>LIMBANG</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	
<b>Sarawak</b>	<b>19</b>	<b>127</b>	<b>6</b>	<b>55</b>	

**Syphilis**

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		1	
Bau		1		2	
Kuching		2	4	18	
<b>KUCHING</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>21</b>	
Samarahan	1	3		4	
Asajaya		0		2	
Simunjan		2		0	
Serian	1	1		0	
<b>SAMARAHAN</b>	<b>2</b>	<b>6</b>	<b>0</b>	<b>6</b>	
Sri Aman		2		4	
Lubok Antu		2		2	
<b>SRI AMAN</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>6</b>	
Betong		0		0	
Saratok		0		0	
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Sarikei		0		0	
Meradong		2		0	
Pakan		0		1	
Julau		0		0	
<b>SARIKEI</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	
Daro		0		0	
Matu		0		0	
Dalat		1		0	
Mukah		0		1	
<b>MUKAH</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	
Sibu	1	12	4	10	
Kanowit		1		0	
Selangau		1		0	
<b>SIBU</b>	<b>1</b>	<b>14</b>	<b>4</b>	<b>10</b>	
Song		0		0	
Kapit		0	1	1	
Belaga		1		0	
<b>KAPIT</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	
Tatau		0		0	
Bintulu		2	1	4	
<b>BINTULU</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>4</b>	
Miri		0		2	
Marudi		1		1	
<b>MIRI</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	
Limbang		1		1	
Lawas		1		0	
<b>LIMBANG</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	
<b>Sarawak</b>	<b>3</b>	<b>36</b>	<b>10</b>	<b>54</b>	



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

### 7.1 Notified Tuberculosis cases for Epid. Week 11, 2013 compared to Epid. Week 12, 2012 and cumulative cases until Epid. Week 12, 2013.

District / Division	2013		2012		
	EW (12)	Cum.	EW (12)	Cum.	Total
Lundu	0	10	1	5	38
Bau	2	14	3	11	38
Kuching	10	139	10	92	501
<b>KUCHING</b>	<b>12</b>	<b>163</b>	<b>14</b>	<b>108</b>	<b>577</b>
Samarahan	2	20	1	14	44
Asajaya	1	9	0	5	22
Simunjan	4	15	0	14	47
Serian	1	17	0	12	40
<b>SAMARAHAN</b>	<b>8</b>	<b>61</b>	<b>1</b>	<b>45</b>	<b>153</b>
Sri Aman	2	11	1	11	63
Lubok Antu	0	5	1	7	44
<b>SRI AMAN</b>	<b>2</b>	<b>16</b>	<b>2</b>	<b>18</b>	<b>107</b>
Betong	2	14	0	8	52
Saratok	2	6	0	7	59
<b>BETONG</b>	<b>4</b>	<b>20</b>	<b>0</b>	<b>15</b>	<b>111</b>
Sarikei	3	7	1	11	73
Meradong	0	5	1	9	38
Pakan	0	6	1	3	32
Julau	0	6	1	4	20
<b>SARIKEI</b>	<b>3</b>	<b>24</b>	<b>4</b>	<b>27</b>	<b>163</b>
Daro	0	2	1	4	27
Matu	0	1	0	4	10
Dalat	0	0	0	1	13
Mukah	0	7	3	13	64
<b>MUKAH</b>	<b>0</b>	<b>10</b>	<b>4</b>	<b>22</b>	<b>114</b>
Sibu	2	41	4	50	226
Kanowit	3	6	0	9	41
Selangau	3	8	2	13	51
<b>SIBU</b>	<b>8</b>	<b>55</b>	<b>6</b>	<b>72</b>	<b>318</b>
Song	0	3	0	4	10
Kapit	3	17	2	13	60
Belaga	0	9	3	7	47
<b>KAPIT</b>	<b>3</b>	<b>29</b>	<b>5</b>	<b>24</b>	<b>117</b>
Tatau	0	7	0	13	53
Bintulu	5	57	8	43	252
<b>BINTULU</b>	<b>5</b>	<b>64</b>	<b>8</b>	<b>56</b>	<b>305</b>
Miri	12	69	6	66	310
Marudi	0	11	4	15	81
<b>MIRI</b>	<b>12</b>	<b>80</b>	<b>10</b>	<b>81</b>	<b>391</b>
Limbang	0	12	1	15	52
Lawas	1	7	0	4	22
<b>LIMBANG</b>	<b>1</b>	<b>19</b>	<b>1</b>	<b>19</b>	<b>74</b>
<b>Sarawak</b>	<b>58</b>	<b>541</b>	<b>55</b>	<b>487</b>	<b>2430</b>

### 7.2 Notified Leprosy cases for Epid. Week 12, 2013 compared to Epid. Week 12, 2012 and cumulative cases until Epid. Week 12, 2013.

District / Division	2013		2012		
	EW (12)	Cum.	EW (12)	Cum.	Total
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	0	1
<b>KUCHING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	1
<b>SAMARAHAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
Sri Aman	0	0	0	0	1
Lubok Antu	0	0	0	0	0
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
Betong	0	0	0	0	0
Saratok	0	0	0	0	0
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Sarikei	0	0	0	0	1
Meradong	0	0	0	0	0
Pakan	0	0	0	0	0
Julau	0	0	0	0	2
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>
Daro	0	0	0	0	1
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	1	0	0	5
<b>MUKAH</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>6</b>
Sibu	0	0	0	0	5
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
<b>SIBU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	3	0	0	4
<b>KAPIT</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>4</b>
Tatau	0	0	0	0	0
Bintulu	0	1	0	0	2
<b>BINTULU</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>
Miri	0	1	0	0	9
Marudi	0	7	0	0	11
<b>MIRI</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>20</b>
Limbang	0	0	0	0	1
Lawas	0	0	0	0	0
<b>LIMBANG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
<b>Sarawak</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>44</b>

EW = Epid. Week; Cum. = Cumulative figure

### 7.3 Notified Tuberculosis (all forms) Case Classification as on 23<sup>rd</sup> March, 2013

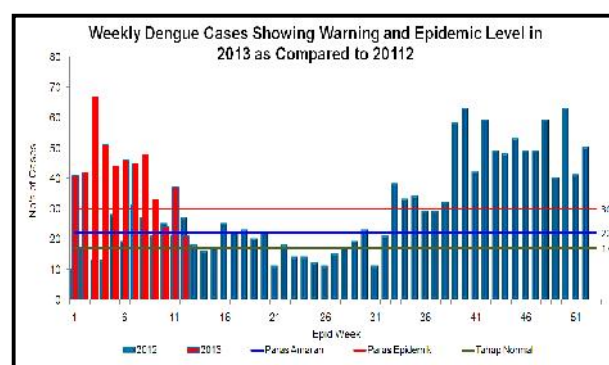
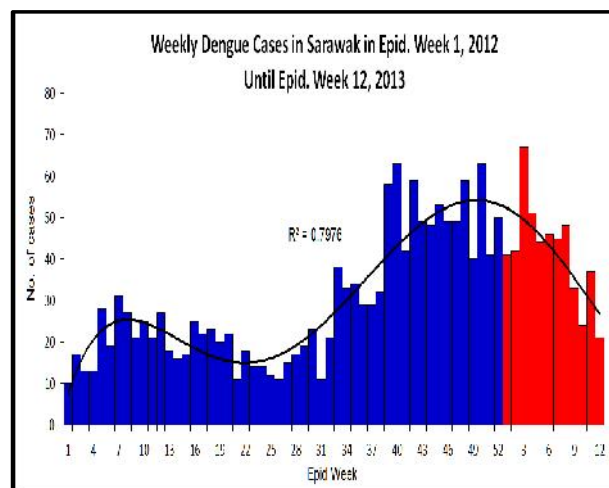
District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW (13)	Cum.	EW (13)	Cum.	EW (13)	Cum.
Lundu	0	0	1	2	0	9
Bau	0	9	1	3	0	3
Kuching	1	80	1	46	0	15
<b>KUCHING</b>	<b>1</b>	<b>89</b>	<b>3</b>	<b>51</b>	<b>0</b>	<b>27</b>
Samarahan	0	10	0	10	0	0
Asajaya	0	7	0	2	0	0
Simunjan	0	13	0	1	0	1
Serian	0	9	0	7	0	1
<b>SAMARAHAN</b>	<b>0</b>	<b>39</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>2</b>
Sri Aman	0	7	0	3	0	1
Lubok Antu	0	2	0	1	0	2
<b>SRI AMAN</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>3</b>
Betong	0	10	0	1	0	3
Saratok	1	5	0	1	0	1
<b>BETONG</b>	<b>1</b>	<b>15</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>
Sarikei	0	2	0	2	1	4
Meradong	0	3	0	1	0	1
Pakan	1	2	0	2	1	4
Julau	0	1	0	3	0	2
<b>SARIKEI</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>2</b>	<b>11</b>
Daro	1	1	0	2	0	0
Matu	0	1	0	0	0	0
Dalat	0	0	0	0	0	0
Mukah	0	6	0	1	0	0
<b>MUKAH</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>
Sibu	0	30	0	5	0	6
Kanowit	0	4	0	1	0	1
Selangau	1	5	0	3	0	1
<b>SIBU</b>	<b>1</b>	<b>39</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>8</b>
Song	0	1	0	2	0	0
Kapit	0	9	0	6	0	2
Belaga	0	6	0	1	0	2
<b>KAPIT</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>4</b>
Tatau	1	1	0	7	0	0
Bintulu	7	32	3	24	0	11
<b>BINTULU</b>	<b>8</b>	<b>33</b>	<b>3</b>	<b>31</b>	<b>0</b>	<b>11</b>
Miri	10	60	0	6	0	12
Marudi	0	9	0	0	0	2
<b>MIRI</b>	<b>10</b>	<b>69</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>14</b>
Limbang	0	10	0	0	0	2
Lawas	2	7	0	0	1	3
<b>LIMBANG</b>	<b>2</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>5</b>
<b>Sarawak</b>	<b>25</b>	<b>342</b>	<b>6</b>	<b>143</b>	<b>3</b>	<b>89</b>

EW = Epid. Week; Cum. = Cumulative figure

## 8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

### 8.1. Notified Dengue cases for Epid. Week 12, 2013 compared to Epid. Week 12, 2012 and cumulative cases until Epid. Week 12, 2013.

District	2013		2012		Total
	EW 12	Cum.	EW 12	Cum.	
Lundu	0	2	0	2	14
Bau	0	2	1	9	39
Kuching	1	42	3	33	164
Samarahan	0	5	1	9	37
Asajaya	0	0	0	1	7
Serlan	0	5	0	3	22
Simunjan	0	2	1	7	19
Sri Aman	3	24	1	15	108
Lubok Antu	0	11	1	8	74
Betong	1	19	3	10	66
Saratok	0	14	0	4	38
Sarikel	2	34	1	9	50
Meradong	0	12	0	4	65
Pakan	0	25	1	8	57
Julau	0	5	0	1	49
Daro	0	0	1	1	7
Matu	0	1	0	0	9
Dalat	0	0	0	6	9
Mukah	0	1	0	2	13
Sibu	7	74	0	11	86
Kanowit	0	9	0	3	19
Selangau	0	5	0	1	10
Song	1	10	1	6	29
Kapit	2	29	2	14	89
Belaga	0	7	0	3	42
Tatau	0	2	2	8	37
Bintulu	0	40	3	15	121
Miri	1	34	4	45	126
Marudi	1	12	0	7	45
Limbang	0	5	1	6	32
Lawas	2	68	0	1	36
Sarawak	21	499	27	252	1519



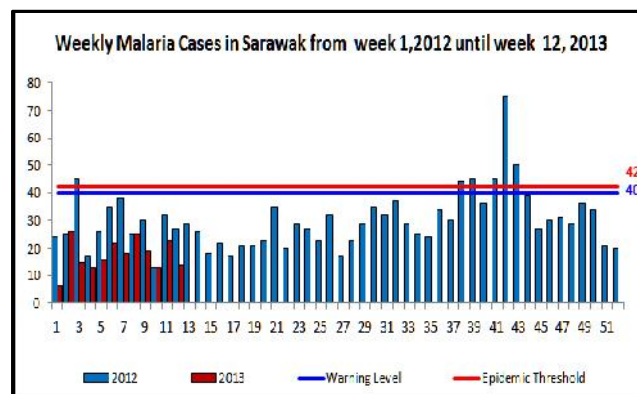
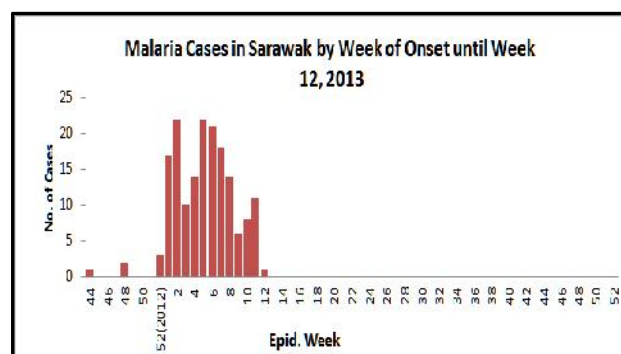
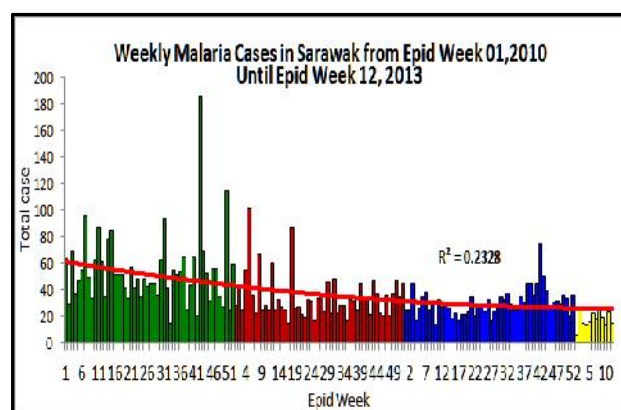
There was a decrease of 16 cases from the previous week (Week 11, 2013). There is no new outbreak reported for this week. The cumulative of active outbreak locality is one (1), from Marudi district.

EW = Epid. Week; Cum. = Cumulative figure



## 8.2. Notified Malaria cases for Epid. Week 12, 2013 compared to Epid.Week12, 2012 and cumulative cases until Epid.Week12, in 2013.

District	2013		2012		Total
	EW 12	Cum.	EW 12	Cum.	
Lundu	0	1	1	5	12
Bau	0	0	0	0	1
Kuching	0	3	0	7	10
Samarahan	0	1	1	2	3
Asajaya	0	0	0	0	0
Serian	0	0	0	2	6
Simunjan	0	2	0	2	9
Sri Aman	0	1	0	4	20
Lubok Antu	0	5	0	8	26
Betong	1	9	1	9	77
Surutok	0	10	2	5	39
Sarikei	0	2	1	4	18
Meradong	0	0	0	1	12
Pakan	1	8	0	14	65
Julau	1	10	0	20	93
Daro	0	1	0	2	6
Matu	0	0	0	1	1
Dalat	0	0	0	1	7
Mukah	0	0	0	1	2
Sibu	0	8	3	21	67
Kanowit	0	12	0	16	79
Uelangau	0	2	0	7	40
Gong	1	14	2	14	107
Kapit	5	38	3	46	236
Delaga	1	30	3	16	171
Tatau	0	1	1	8	28
Bintulu	1	8	0	5	32
Miri	1	4	0	12	29
Marudi	0	14	8	81	257
Limbang	0	3	0	0	30
Lawas	2	15	1	15	80
Sarawak	14	210	27	337	1571



Cummulative cases till week 12 were 210 cases. Of the 14 cases, 5 cases (35.7%) from Kapit District, 2 cases (14.2%) from Lawas District, and other cases (50%) from other 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	2013	
	WK 12	WK 01 – WK 12
Passive Case Detection (PCD)	13	183
Active Case Detection (ACD)	0	12
Investigation slides ( INV)	0	3
Mass Blood Survey (MBS)	0	4
Follow-up	1	8
<b>Total</b>	<b>14</b>	<b>210</b>

### 8.2.2 Malaria cases by species and case classification

Species	Indigenous	Imported	Relapsed	EW 12	Cumm.Wk 1-12
<i>Plasmodium vivax</i>	0	2	1	3	67
<i>Plasmodium falciparum</i>	0	1	0	1	9
<i>Plasmodium malariae</i>	0	0	0	0	0
<i>Plasmodium knowlesi</i>	10	0	0	10	134
<i>Plasmodium ovale</i>	0	0	0	0	0
<i>Mixed infection</i>	0	0	0	0	0
<b>Total</b>	<b>10</b>	<b>3</b>	<b>14</b>	<b>0</b>	<b>210</b>

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

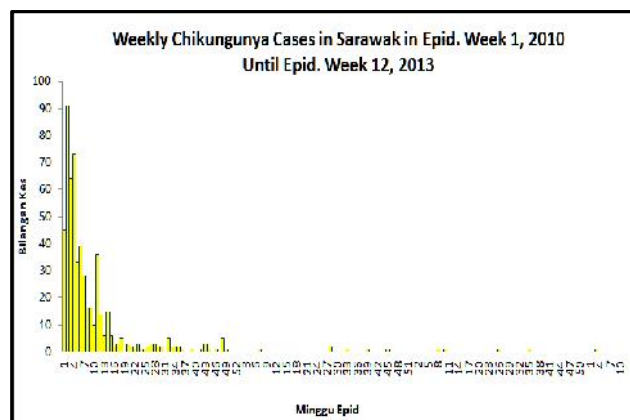
District	Nationality	Place of Infection	Cases	Gender	Age	Address in Sarawak
MIRI	Indonesian	Indonesia	<i>P. vivax</i>	MALE	35	Ldg. Bustrasemari
KAPIT	Malaysian	KKB Amanab Jaya, Papua New Guinea	<i>P. falciparum</i>	MALE	27	N. Ah S. Kapit
KAPIT	Malaysian	KKB Amanab Jaya, Papua New Guinea	<i>P. vivax</i>	MALE	52	Tmn. Jati, Jln. Bukit Goram, Kapit

KKB = KemKayuBalak (Logging Camp)

**Case Definition Imported A** = Source of infection from other country

### 8.3. Notified Chikungunya cases for Epid. Week12, 2013 compared to Epid. Week 12, 2012 and cumulative cases inEpid.Week 12in 2013.

District	2013		cumm 2013
	WK 12	WK 1-12, 2013	
LUNDU	0	0	0
BAU	0	0	0
KUCHING	0	1	1
SAMARAHAN	0	0	0
ASA JAYA	0	0	0
SERIAN	0	0	0
SIMUNJAN	0	0	0
SRI AMAN	0	0	0
LUBOK ANTU	0	0	0
BEITONG	0	0	0
SARATOK	0	0	0
SARIKEI	0	0	0
MERADONG	0	0	0
PAKAN	0	0	0
JULAU	0	0	0
DARO	0	0	0
MATU	0	0	0
DALAT	0	0	0
MUKAH	0	0	0
SIBU	0	0	0
KANOWIT	0	0	0
SELANGAU	0	0	0
SONG	0	0	0
KAPIT	0	0	0
BELAGA	0	0	0
TATAU	0	0	0
BINTULU	0	0	0
MIRI	0	0	0
MARUDI	0	0	0
LIMBANG	0	0	0
LAWAS	0	0	0
Sarawak	0	1	1



No case of Chikungunya was reported in week 12, 2013. During the same period in 2012, no case was reported. The cumulative case of Chikungunya for 2013 remain 1.

EW = Epid. Week; Cum. = Cumulative figure



#### 8.4. Filariasis

One (1) case of Filariasis was reported in week 12, 2013. During the same period in 2012, 7 cases were reported. The cumulative cases of Filariasis for 2013 remain 4.

#### 8.5 Japanese Encephalitis (JE)

No case of Japanese Encephalitis (JE) was reported in week 12, 2013. During the same period in 2012, 0 case was reported. The cumulative cases of Japanese Encephalitis for 2013 is 3.

### 9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

#### 9.1. Viral Encephalitis

No case reported. As at EW 12, no case of Viral Encephalitis reported.

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

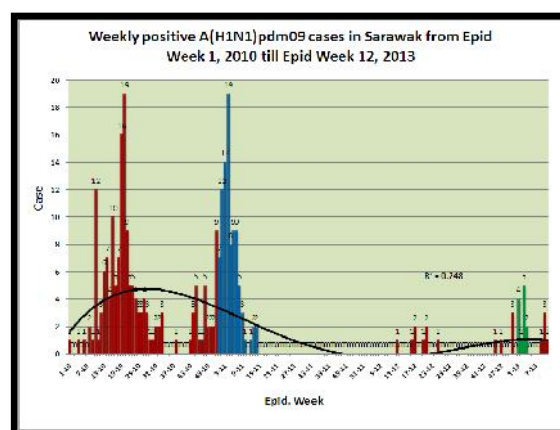
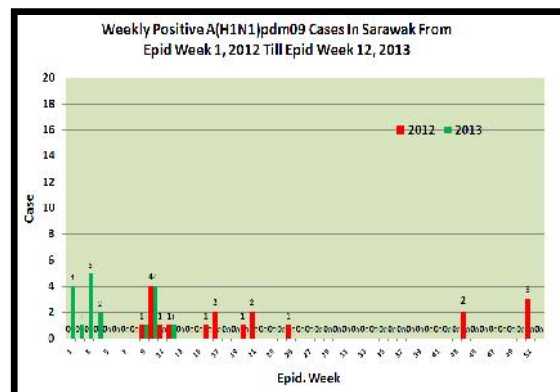
No	Type of Viral Hepatitis	Epid Week 12	Cum. 2013
1	Hepatitis A	0	0
2	Acute Hepatitis B	0	2
3	Chronic Hepatitis B	2	16
4	Acute Hepatitis C	0	3
5	Chronic Hepatitis C	1	14

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

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

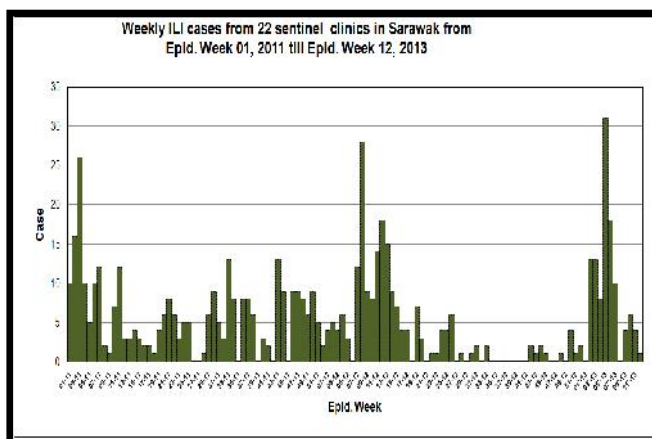
10.1.1 Positive Pandemic Influenza A/H1N1<sub>pdm09</sub> as for Epid. Week 12, 2013 compared to Epid. Week 12, 2012 and cumulative cases in Epid. Week 12, in 2013.

District	2013		2012		Total
	EW 12	Cum.	EW 12	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	12	0	0	5
Samarahan	1	1	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	5	0	0	0
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	0	0
Kanowit	0	0	0	0	0
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	0	0	0	2
Tatau	0	0	0	0	1
Bintulu	0	0	0	0	5
Miri	0	0	0	0	0
Marudi	0	0	0	0	0
Limbang	0	0	0	0	0
Lawas	0	0	0	0	0
<b>SARAWAK</b>	<b>1</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>13</b>



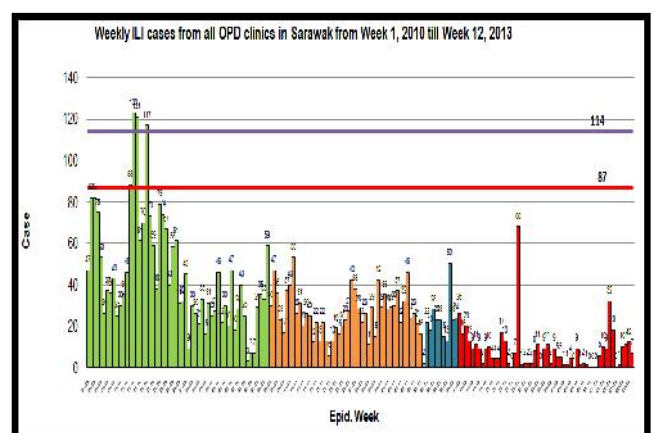
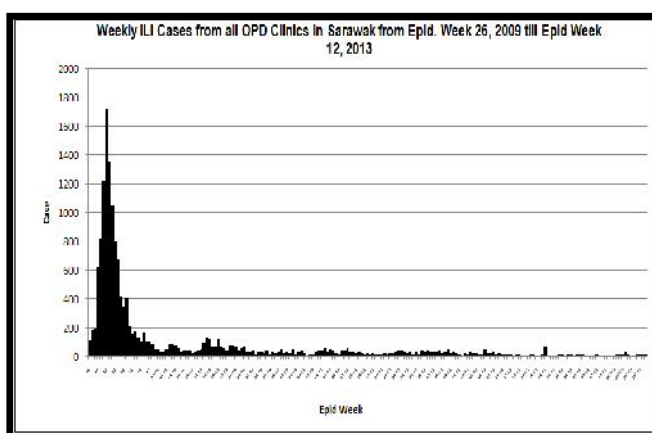
EW = Epid. Week; Cum. = cumulative figure

### 10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week1 in 2011 till Epid.Week12,in 2013.



One ILI case reported in week 10

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

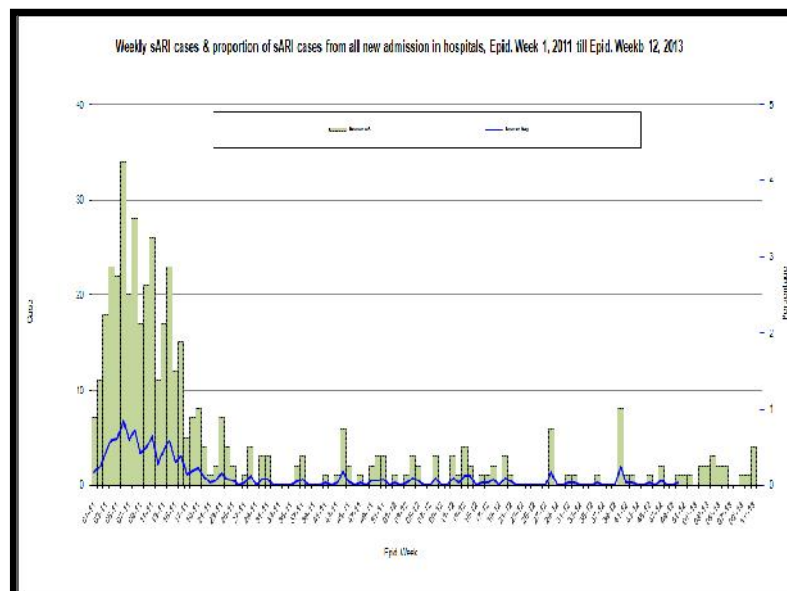


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 16<sup>th</sup>, March, 2013.

No ILI cluster reported. The last cluster was on 31<sup>st</sup> January 2013.

### 10.1.4. Severe Acute Respiratory (sARI) Infection Cases



sARI is suspected when:

1. meets ILI case definition (sudden onset of fever > 38°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 suspected H1N1 in Government Hospitals in Sarawak as on 23<sup>rd</sup> March, 2013.

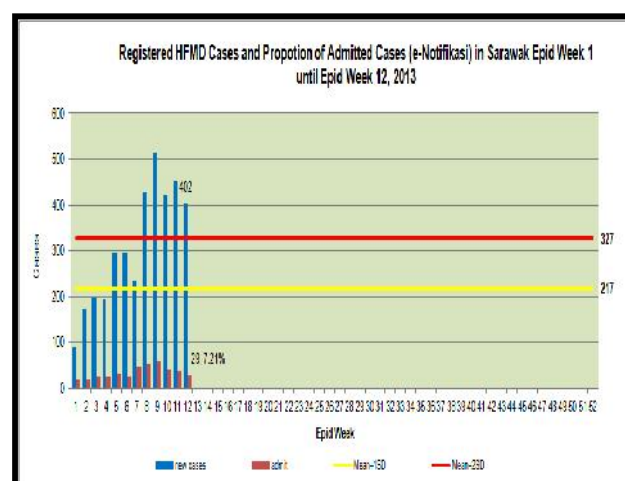
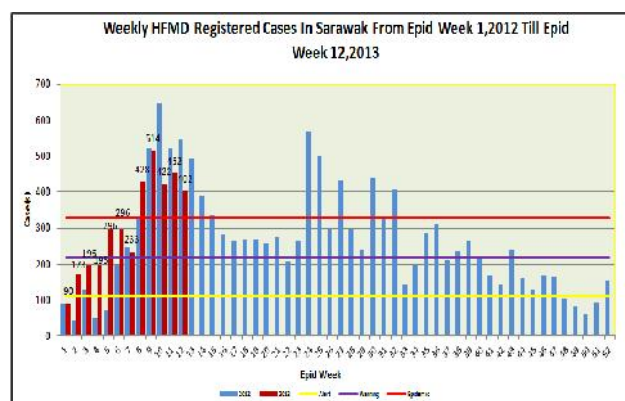
Division	Hospital	New EW 12	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	4	29	0	0	0	0	1	0	3
	Bau	0	0	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
	Sentosa	0	0	0	0	0	0	0	0	0
Samarahan	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	1	0	0	0	0	0	0	0
	Saratok	0	0	0	0	0	0	0	0	0
Sarikei	Sarikei	0	2	0	0	0	0	0	0	0
Sibu	Sibu	0	0	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	4	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		4	36	0	0	0	0	1	0	3

EW = Epid. Week; Cum. = Cumulative figure



## 10.2. Registered HFMD cases ( based on e-Notifikasi ) for Epid.Week 12, 2013 compared to Epid.Week12,2012and cumulative cases untilEpid.Week 12,2013.

District / Division	2013		2012		Total
	EW (12)	Cum.	EW (12)	Cum.	
Lundu	13	76	4	55	257
Rau	11	86	7	83	396
Kuching	68	523	241	1091	3919
<b>KUCHING</b>	<b>92</b>	<b>685</b>	<b>252</b>	<b>1229</b>	<b>4572</b>
Samarahan	8	66	24	227	670
Asajaya	0	6	2	40	97
Simunjan	6	10	9	15	220
Serian	7	137	11	116	742
<b>SAMARAHAN</b>	<b>21</b>	<b>249</b>	<b>46</b>	<b>428</b>	<b>1729</b>
Sri Aman	13	90	7	126	485
Lubok Antu	0	14	6	20	77
<b>SRI AMAN</b>	<b>13</b>	<b>104</b>	<b>13</b>	<b>146</b>	<b>562</b>
Betong	4	47	5	178	385
Saratok	10	68	4	53	280
<b>BETONG</b>	<b>14</b>	<b>115</b>	<b>9</b>	<b>181</b>	<b>665</b>
Sarikei	14	154	46	97	480
Meradong	9	77	0	11	194
Pakan	4	35	9	38	91
Julau	2	72	4	22	131
<b>SARIKEI</b>	<b>29</b>	<b>338</b>	<b>59</b>	<b>166</b>	<b>896</b>
Daro	1	4	0	30	129
Matu	0	13	1	18	68
Dalat	31	59	3	31	113
Mukah	10	56	1	37	167
<b>MUKAH</b>	<b>42</b>	<b>132</b>	<b>8</b>	<b>116</b>	<b>472</b>
Sibu	18	583	18	134	936
Kanowit	0	39	0	2	46
Selangau	10	31	2	10	43
<b>SIBU</b>	<b>58</b>	<b>653</b>	<b>20</b>	<b>146</b>	<b>1023</b>
Song	11	30	2	7	62
Kapit	22	121	0	63	419
Belaga	7	31	0	17	124
<b>KAPIT</b>	<b>40</b>	<b>182</b>	<b>2</b>	<b>87</b>	<b>603</b>
Tatau	2	8	10	11	98
Bintulu	26	207	42	334	913
<b>BINTULU</b>	<b>28</b>	<b>215</b>	<b>52</b>	<b>345</b>	<b>1011</b>
Miri	59	871	22	207	1195
Marudi	0	73	1	30	121
<b>MIRI</b>	<b>59</b>	<b>944</b>	<b>23</b>	<b>237</b>	<b>1316</b>
Limbang	6	69	4	29	104
Lawas	0	11	51	174	453
<b>LIMBANG</b>	<b>6</b>	<b>80</b>	<b>55</b>	<b>203</b>	<b>557</b>
<b>SARAWAK</b>	<b>402</b>	<b>3697</b>	<b>539</b>	<b>3284</b>	<b>13410</b>



### 10.2.2.HFMD Clusters and closure

#### Cluster and Closure by Division

Division	Cluster		Closure	
	EW12	Cum	EW12	Cum
Kuching	11	68	0	1
Samarahan	2	22	0	0
Sri Aman	3	11	1	1
Betong	0	14	0	0
Sarikei	6	43	0	3
Mukah	4	12	0	0
Sibu	7	57	0	0
Kapit	2	10	0	0
Bintulu	6	7	0	0
Miri	9	70	0	0
Limbang	0	14	0	0
<b>Sarawak</b>	<b>50</b>	<b>328</b>	<b>1</b>	<b>5</b>

#### Cluster by place of occurrence

Division	Category Of HFMD Cluster in EW1-12,2013				Total	Cum. Closure
	Family	Child Care Centre	Kindergarten	School		
Kuching	64	0	4	0	68	1
Samarahan	21	0	1	0	22	0
Sri Aman	10	0	1	0	11	1
Betong	14	0	0	0	14	0
Sarikei	39	0	2	1	42	3
Mukah	10	0	2	0	12	0
Sibu	49	1	8	0	58	0
Kapit	9	0	0	1	10	0
Bintulu	7	0	0	0	7	0
Miri	69	0	1	0	70	0
Limbang	12	0	1	1	14	0
<b>SARAWAK</b>	<b>304</b>	<b>1</b>	<b>20</b>	<b>3</b>	<b>328</b>	<b>5</b>

**10.3. Notified Leptospirosis cases for Epid. Week 12, 2013 compared to Epid.Week12, 2012 and cumulative cases untilEpid.Week12, in 2013.**

District / Division	Case classification				Total					
	Confirmed		Probable		2013		2012		2011	
	EW (12) 2013	EW (12) 2012	EW (12) 2013	EW (12) 2012						
Lundu	0	0	0	0	1		4		6	
Bau	0	0	0	0	1		9	(2)	5	(1)
Kuching	0	0	0	1	4		76	(2)	40	(2)
<b>KUCHING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>6</b>		<b>87</b>	<b>(4)</b>	<b>51</b>	<b>(3)</b>
Samarahan	0	0	0	0	1		12		3	
Asajaya	0	0	0	0	0		0		3	
Simunjan	0	0	0	0	0		4		8	(1)
Serian	0	0	0	0	2	(1)	4		10	(2)
<b>SAMARAHAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>		<b>20</b>		<b>24</b>	<b>(3)</b>
Sri Aman	0	0	0	0	0		14		14	(2)
Lubok Antu	0	0	0	0	1		15		11	
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>		<b>29</b>		<b>25</b>	<b>(2)</b>
Betong	0	0	0	0	0		8		5	(1)
Saratok	0	0	0	0	0		4		6	(1)
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>12</b>		<b>11</b>	<b>(2)</b>
Sarikei	0	0	0	0	0		6	(1)	1	
Meradong	0	0	0	0	0		2		24	
Pakan	0	0	0	0	3	(1)	4	(1)	3	
Julau	0	0	0	0	1		1		0	
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>		<b>13</b>	<b>(2)</b>	<b>28</b>	
Daro	0	0	0	0	0		1	(1)	1	(1)
Matu	0	0	0	0	0		0		0	
Dalat	0	0	0	0	0		0		0	
Mukah	1	0	0	0	1	(1)	0		3	
<b>MUKAH</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>		<b>1</b>		<b>4</b>	<b>(1)</b>
Sibu	0	0	0	0	1		2		2	
Kanowit	0	0	0	0	0		6	(1)	4	
Selangau	0	0	0	0	0		2		3	
<b>SIBU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>		<b>10</b>	<b>(1)</b>	<b>9</b>	
Song	0	0	0	0	0		1		1	
Kapit	0	0	0	0	6		50		12	
Belaga	0	0	1	0	12		4	(1)	7	(1)
<b>KAPIT</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>18</b>		<b>55</b>		<b>20</b>	<b>(1)</b>
Tatau	0	0	1	0	2		2		1	
Bintulu	0	0	0	0	15	(1)	7		10	(2)
<b>BINTULU</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>17</b>		<b>9</b>		<b>11</b>	<b>(2)</b>
Miri	2	0	0	0	12		10		16	(1)
Marudi	0	0	0	0	0		2		2	
<b>MIRI</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>		<b>12</b>		<b>18</b>	<b>(1)</b>
Limbang	0	0	1	0	3		21	(1)	2	(1)
Lawas	0	0	0	0	0		0		0	
<b>LIMBANG</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>		<b>21</b>	<b>(1)</b>	<b>2</b>	<b>(1)</b>
<b>SARAWAK</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>66</b>	<b>(4)</b>	<b>271</b>	<b>(10)</b>	<b>203</b>	<b>(16)</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 (SuratPekelilingKetuaPengarahKesehatan Malaysia Bil. 33/2010**



### 10.3.1 Locality of Leptospirosis Cluster in Sarawak until Epid. Week 12, 2013

No.	District	Locality	Number of Cases	Outbreak Declared
	Nil			

### 10.4. Notified Melioidosis cases for Epid. Week 12, 2013 compared to Epid. Week 12, 2012 and cumulative cases until Epid. Week 12, 2013

District / Division	Case classification				Total			
	Confirmed		Probable		2013	2012	2011	
	EW (12) 2013	EW (12) 2012	EW (12) 2013	EW (12) 2012				
Lundu	0	0	0	0	0	0	0	
Bau	0	0	0	0	0	1	1	
Kuching	0	0	0	0	2	3	4	
<b>KUCHING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>5</b>	
Samarahan	0	0	0	0	0	1	0	
Asajaya	0	0	0	0	0	0	0	
Simunjan	0	0	0	0	0	0	0	
Serian	0	0	0	0	0	0	2	(1)
<b>SAMARAHAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	
Sri Aman	0	0	0	0	0	0	3	
Lubok Antu	0	0	0	0	0	1	1	
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	
Betong	0	0	0	0	0	0	0	
Saratok	0	0	0	0	0	0	0	
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Sarikei	0	0	0	0	0	0	0	
Meradong	0	0	0	0	0	0	0	
Pakan	0	0	0	0	0	1	0	
Julau	0	0	0	0	0	0	0	
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	
Daro	0	0	0	0	0	0	0	
Matu	0	0	0	0	0	0	0	
Dalat	0	0	0	0	0	1	0	
Mukah	0	0	0	0	0	1	2	
<b>MUKAH</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	
Sibu	0	0	0	0	0	0	1	
Kanowit	0	0	0	0	0	0	1	
Selangau	0	0	0	0	0	1	(1)	4
<b>SIBU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>6</b>	
Song	0	0	0	0	0	0	1	
Kapit	0	0	0	0	3	28	62	(3)
Belaga	0	0	0	0	0	0	21	(4)
<b>KAPIT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>28</b>	<b>84</b>	<b>(7)</b>
Tatau	0	0	0	0	0	0	4	(1)
Bintulu	0	0	0	0	0	0	6	
<b>BINTULU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>(1)</b>
Miri	0	0	0	0	2	2	7	(2)
Marudi	0	0	0	0	0	0	1	
<b>MIRI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>(2)</b>
Limbang	0	0	0	0	0	0	0	
Lawas	0	0	0	0	0	0	0	
<b>LIMBANG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SARAWAK</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>40</b>	<b>(1)</b>	<b>121</b>

#### 10.4.1 Melioidosis Death case (Positive) 2013

No.	# District	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
	Nil							

\* SGH = Sarawak General Hospital

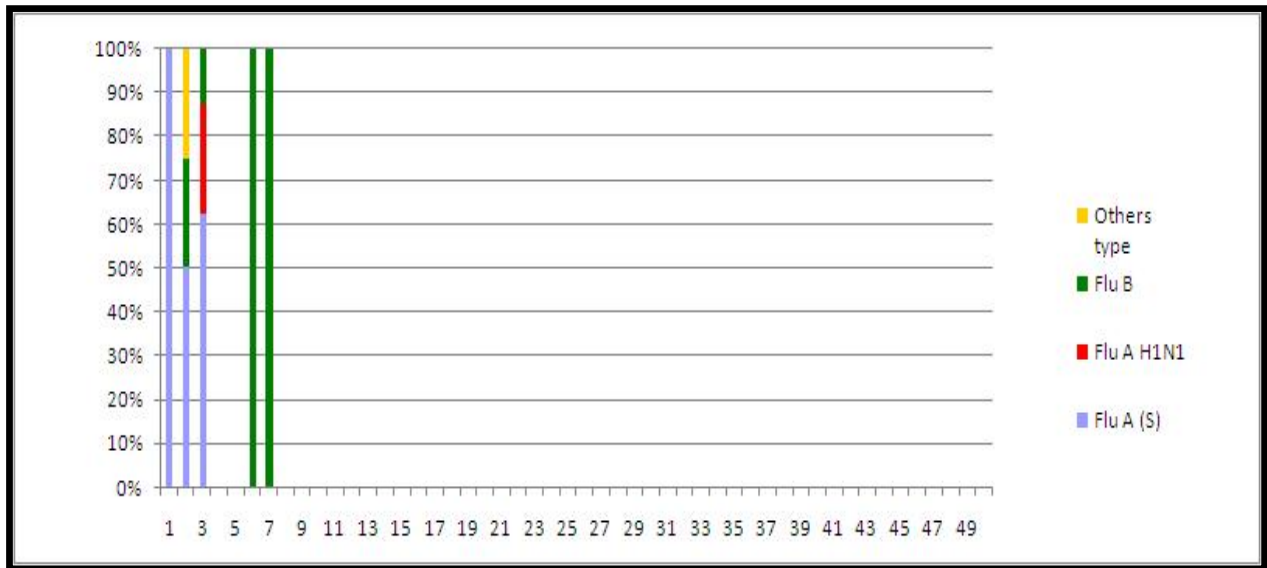
Note

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

® Hospital indicate facility where patient admitted

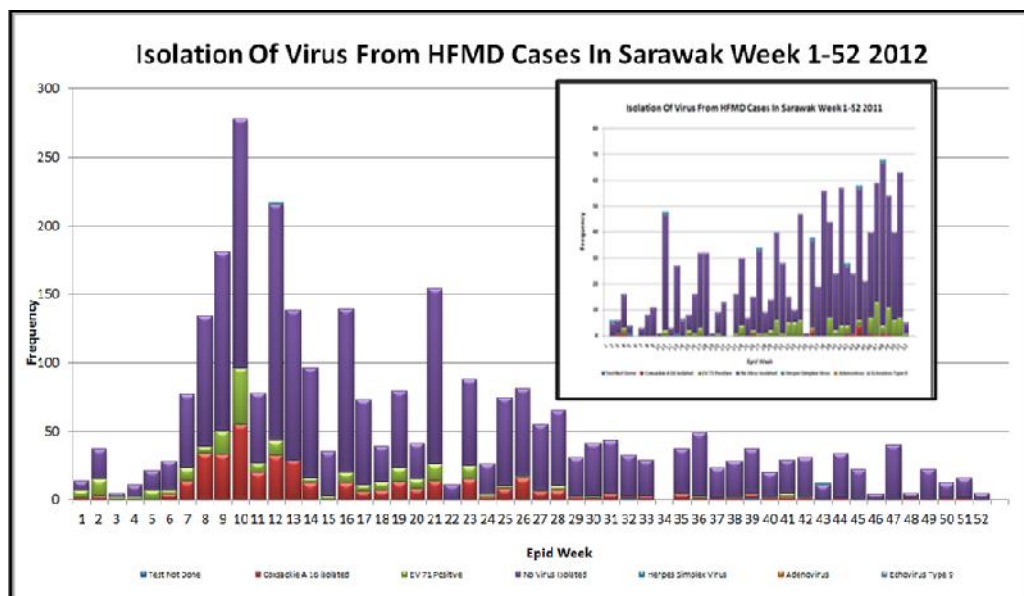
## 11. LABORATORY BASED SURVEILLANCE

### 11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah\*) from Epid Week 1 till Epid Week 11, 2013.

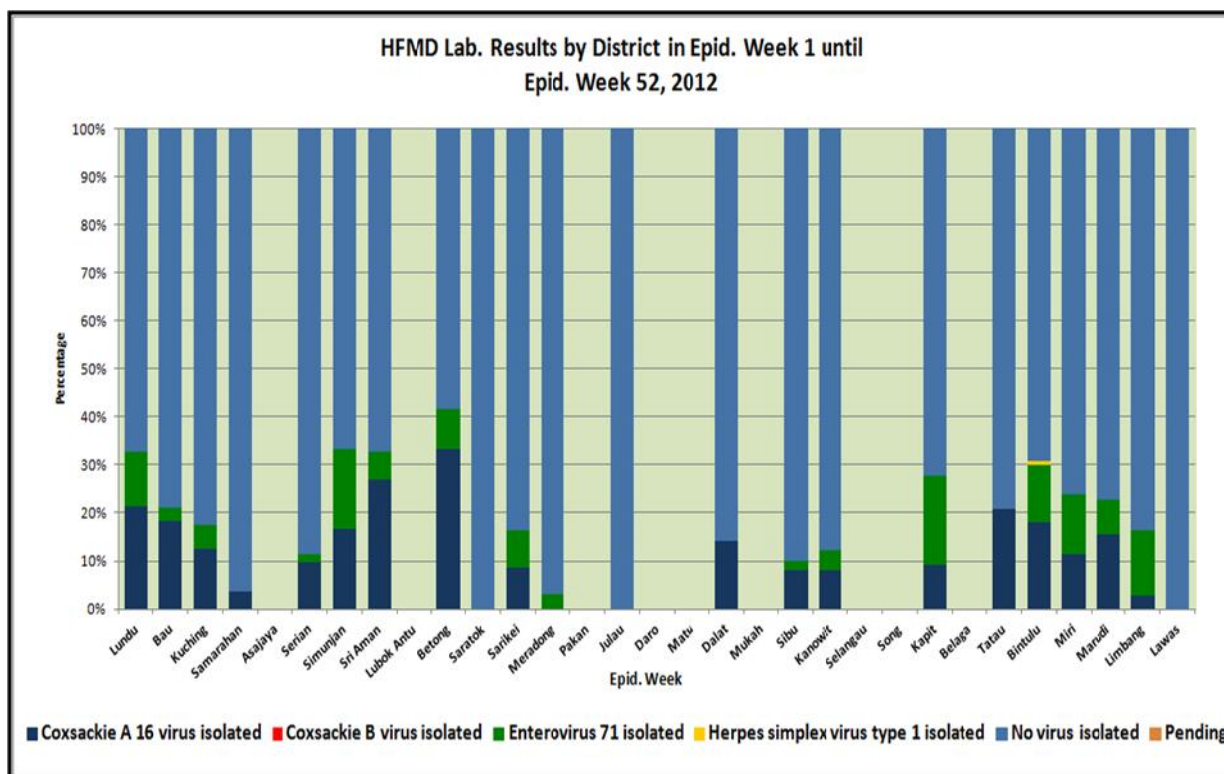


\* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

### 11.3. Laboratory Based Surveillance HFMD, EW 1- EW 52, 2012 compared to 2011 in Sarawak.



As of 26<sup>th</sup> January, 2013, 2816HFMD samples sent to MKAK SgBuloh. Out of this, 2772 samples with result, 44 still pending and one sample was rejected. A total of 575 (22.2%) virus isolated of which 378 Coxsackie A16 (64.0%), 210 EV 71 (35.5%), one Coxsackie B (0.2%) and two Herpes Simplex Type 1 (0.2%).



## Appendix 1

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).

[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 9<sup>th</sup> February 2013)

No	Name/Designation	Office Address	E-mail Address	Tel./Fax/Handphone No.
1	Ketua Penolong Pengarah Kanan Dr. Razitasham Binti Safii	Seksyen Kawalan Penyakit Berjangkit Jabatan Kesihatan Negeri Sarawak	razitasham@srwk.moh.gov.my	Tel : 082-473200/277 Fax : 082-443098 Hp : 013-8047635
2	Ketua Penolong Pengarah Dr. Noorzilawati Binti Sahak	Seksyen Kawalan Penyakit Berjangkit Jabatan Kesihatan Negeri Sarawak	drnoorzilawati@gmail.com	Tel : 082-473200/276 Fax : 082-443098 Hp : 014-6999126
3	Pegawai Kesihatan Bahagian Kuching Dr. Kamarudin Lajim	Pejabat Kesihatan Bahagian Kuching, Jalan Tun Ahmad Zaidi Adruce, 93250 Kuching	dhoshan@yahoo.com.sg	Tel : 082-238635/257867 Fax : 082-414542/250037 Hp : 013-8014332
4	Pegawai Epidemiologi Bahagian Kuching Dr. Ruziana Miss	Pejabat Kesihatan Bahagian Kuching, Jalan Tun Ahmad Zaidi Adruce, 93250 Kuching	dmruzian@yahoo.com.my	Tel : 082-238635/257867 Fax : 082-414542/250037 Hp : 019-8356456
5	Pegawai Kesihatan Bahagian Samarahan Dr. Julaidah Sharip	Pejabat Kesihatan 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 Sri Aman Dr. Nor Rafizah Aminah bte Aziz	Pejabat Kesihatan Bahagian Sri Aman Tingkat 3, Wisma Persekutuan, Jalan Hospital, 95007 Sri Aman	rafizah76@gmail.com	Tel : 083-322176 Fax : 083-322058 Hp : 012-2110315
7	Pegawai Kesihatan Bahagian Betong Dr. Jeffery Stephen	Pejabat Kesihatan Bahagian Betong KM 2, Jalan Betong, 95700 Betong	endena90@yahoo.com	Tel : 083-472116 Fax : 083-471870 Hp : 019-8584053
8	Pegawai Kesihatan Bahagian Sarikei Dr. Hasrina Hassan	Pejabat Kesihatan 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 Sibul Dr. Muhamad Rais Abdullah	Pejabat Kesihatan Bahagian Sibul Tingkat 5, Wisma Persekutuan, Persiaran Brooke, 96000 Sibul	mdrais@srwk.moh.gov.my	Tel : 084-315494 Fax : 084-348284 Hp : 019-8196459
10	Pegawai Kesihatan Bahagian Kapit Dr. Ivan Van Jan Shui	Pejabat Kesihatan Bahagian Kapit Tingkat 3, Wisma Persekutuan, 96800 Kapit	ivanvun@gmail.com	Tel : 084-796404 Fax : 084-332502 Hp : 013-8155183
11	Pegawai Kesihatan Bahagian Mukah Dr. Hj. Osman Hj. Rafele	Pejabat Kesihatan Bahagian Mukah Jalan Haji Muhammad Pauzi 96400 Mukah	dho_mukah@yahoo.com	Tel : 084-873301 Fax : 084-872963 Hp : 013-8014700
12	Pegawai Epidemiologi Bahagian Mukah Dr. Nik Daliana Bt. Nik Farid	Pejabat Kesihatan Bahagian Mukah Jalan Haji Muhammad Pauzi 96400 Mukah	daliana75@gmail.com	Tel : 084-873301 Fax : 084-872963 Hp : 012-2779250
13	Pegawai Kesihatan Bahagian Bintulu Dr. Azlee Bin Ayub	Pejabat Kesihatan Bahagian Bintulu Jalan Tun Ahmad Zaidi Adruce, 97000 Bintulu	azlee@srwk.moh.gov.my	Tel : 086-317269 Fax : 086-312354 Hp : 016-8625257
14	Pegawai Kesihatan Bahagian Miri Dr. Faizul Mansoor	Pejabat Kesihatan Bahagian Miri Jalan Temenggong Oyong Lawai Jau, 98000 Miri	bmfaizul@srwk.moh.gov.my	Tel : 086-424722 Fax : 086-429987 Hp : 013-8335504
15	Pegawai Epidemiologi Bahagian Miri Dr. Veronica Lughah	Pejabat Kesihatan Bahagian Miri Jalan Temenggong Oyong Lawai Jau, 98000 Miri	verolughah@yahoo.com	Tel : 086-424722 Fax : 086-429987 Hp : 019-6061847
16	Pegawai Kesihatan Bahagian Limbang Dr. Norliza Jusoh	Pejabat Kesihatan Bahagian Limbang Jalan Pandaruan, 98700 Limbang	norliza@srwk.moh.gov.my	Tel : 085-211046 Fax : 085-429987 Hp : 019-8163163

**ADVISORS:**

DatuDr ZulkifliJantan  
State Director – Sarawak Health Department

Dr JamilahHashim  
State Deputy Director (Public Health)

Datu Dr Andrew Kiyu  
Consultant Epidemiologist

**CHIEF EDITOR:**

Dr RazitashamSafii, CDC Section

**EDITORS & CONTRIBUTORS:**

TnHjAsmadMatusop, Entomology Section

Dr SarinaShuib,VBDC Section

Dr NoorzilawatiSahak, CDC Unit

Mr Abdul KadirMohd. Anis

Mr Davidson ClinnTayus

Mr Muslim Mhd. Ghazali

Ms MalizaJalel

Mr Mike JesussenAkBolian

Ms Hawa Nabila Binti Hip

Ms Tang Wan Yung

PPKP, VBDC Section

PPKP, STD/AIDS Section

PPKP, TBCLP/LCP Section

**CORRESPONDENCE:**

COMMUNICABLE DISEASE CONTROL SECTION,  
Sarawak Health Department,  
JalanDiplomatik, Off JalanBako  
93050 Kuching,  
Sarawak  
Phone: 082-443248/473200  
Fax: 082-443098  
Email: opsroom\_jkns@srwk.moh.gov.my OR  
cdcjkns@gmail.com



**SARAWAK**  
**State Health Department**

**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.