



# SARAWAK

## WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 8

17<sup>th</sup> – 23<sup>rd</sup> February

### INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

#### Local update:

Dengue cases still above the outbreak level in the state.

HFMD breached the outbreak level this week with a total of 455 cases and 41 clusters reported.

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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

No	Disease	District	Locality	No. Of cases	Outbreak declared	Outbreak Reported
1	Dengue	Meradong	Rh. Japam, Sg. Lemayung	2	17.02.13	03.03.13

## 3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 8, 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											10																
Bau											8										2						
Kuching	2/0					4				7	47			3	2						2			1			
Samarahan						0					6				1				1								
Asajaya						0					1																
Simunjan						1					2																
Serian									77		18										1						
Sri Aman						4					9																
L/ Antu						2					0																
Betong						1			4	3	3		2								6			1			
Saratok						3					13		4								1						
Sarikei						4					38																
Meradong						1					22																
Pakan						4					7		1														
Julau						1					3		3														
Daro											2																
Matu											0																
Dalat											3																
Mukah	0/1										1																
Sibu						4			3		75								1		1						
Kanowit						2					13		5														
Selangau						1					3										1						
Song											7		2														
Kapit						1				3	13		2														
Belaga						1					4		2								2						
Tatau											1																
Bintulu						1			4		25		2		1						8						
Miri						2			3		96		1								10						
Marudi						1					11		1														
Limbang											11										4						
Lawas	2/0					10					3										2						
<b>TOTAL (Week 8)</b>	<b>35/12</b>					<b>48</b>			<b>91</b>	<b>13</b>	<b>455</b>		<b>25</b>	<b>4</b>				<b>2</b>			<b>40</b>						
<b>Total (2013)</b>	<b>27/16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>384</b>	<b>18</b>	<b>0</b>	<b>158</b>	<b>82</b>	<b>2011</b>	<b>12</b>	<b>141</b>	<b>13</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>	<b>0</b>	<b>330</b>	<b>5</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>34</b>
<b>Total (2012)</b>	<b>159/102</b>	<b>0</b>	<b>0</b>	<b>111</b>	<b>0</b>	<b>1519</b>	<b>38</b>	<b>0</b>	<b>1463</b>	<b>479</b>	<b>1258</b>	<b>46</b>	<b>1573</b>	<b>12</b>	<b>724</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>271</b>	<b>1</b>	<b>2430</b>	<b>33</b>	<b>0</b>	<b>177</b>	<b>1</b>	<b>0</b>	<b>271</b>
<b>Total (2011)</b>	<b>164/82</b>	<b>0</b>	<b>0</b>	<b>252</b>	<b>0</b>	<b>974</b>	<b>9</b>	<b>0</b>	<b>1323</b>	<b>445</b>	<b>3170</b>	<b>25</b>	<b>1761</b>	<b>37</b>	<b>335</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>194</b>	<b>1</b>	<b>1707</b>	<b>6</b>	<b>0</b>	<b>137</b>	<b>25</b>	<b>0</b>	<b>186</b>
<b>Total (2010)</b>	<b>141/113</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4240</b>	<b>62</b>	<b>0</b>	<b>1299</b>	<b>437</b>	<b>4987</b>	<b>22</b>	<b>2802</b>	<b>10</b>	<b>132</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>230</b>	<b>1</b>	<b>1639</b>	<b>27</b>	<b>0</b>	<b>35</b>	<b>2</b>	<b>0</b>	<b>49</b>
<b>Total (2009)</b>	<b>143/89</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4564</b>	<b>82</b>	<b>0</b>	<b>1223</b>	<b>438</b>	<b>9655</b>	<b>15</b>	<b>2158</b>	<b>4</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>339</b>	<b>0</b>	<b>1689</b>	<b>24</b>	<b>1</b>	<b>169</b>	<b>10</b>	<b>0</b>	<b>73</b>

\* 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. Cumulative cases from Epid Week 1 until Epid Week 8, 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	11	0	4	0	0
Asajaya	0	0	0	0	30	0	1	0	0
Samarahan	0	0	0	0	0	0	0	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
Lubok Antu	0	0	0	0	0	0	0	0	0
Betong	0	0	0	0	3	0	1	0	0
Saratok	0	0	0	0	0	0	0	0	0
Sarikei	0	0	0	0	0	0	4	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	1	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	3	0	5	0	0
Kanowit	1	0	0	0	73	0	3	0	0
Selangau	0	0	0	0	29	0	0	0	0
Kapit	0	0	0	0	3 (1)	0	1	0	0
Belaga	0	0	0	0	0	0	0	0	0
Song	0	0	0	0	0	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	7	0	0	0	0
Marudi	0	0	0	0	3	0	0	0	0
Limbang	1	0	0	0	0	0	0	0	0
Lawas	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>239(1)</b>	<b>0</b>	<b>26</b>	<b>1</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. Total number of Vaccine Preventable Diseases (VPD) by division from Epid Week 1 until Epid Week 8, 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	11	0	0	0	4	2	0	8	0	0	0
Samarahan	6	0	0	0	4	0	0	4	0	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	0	1
Betong	4	0	0	0	3	1	0	0	0	0	2
Sarikei	7	1	0	0	4	1	1	0	0	0	0
Sibu	3	0	0	0	1	0	1	0	0	0	0
Kapit	5	0	0	0	1	0	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	1	0	0	1
Bintulu	6	0	0	0	1	1	0	0	0	0	0
Miri	13	0	0	0	5	4	1	0	0	0	0
Limbang	1	0	0	0	1	0	0	0	0	1	1
Sarawak	56	1	0	0	24	9	1	13	0	1	4

Note: S = suspected; C = confirmed

### 5.2. Measles Elimination Programme (MEP) Achievement by Division from Epid. Week 1 until Epid Week 8, 2013

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	11	59(81.82%)	10 (90.91%)	11 (100.00%)
Samarahan	6	6(100.00%)	6 (100.00%)	6 (100.00%)
Sri Aman	0	0 (0.00%)	0 (0.00%)	0 (0.00%)
Betong	4	4(100.00%)	2 (50.00%)	4(100.00%)
Sarikei	7	7 (100.00%)	6 (85.71%)	7(100.00%)
Sibu	3	3(100.00%)	3 (100.00%)	3 (100.00%)
Kapit	5	4(80.00%)	4 (80.00%)	4(100.00%)
Mukah	0	0 (0.00%)	0 (0.00%)	0 (0.00%)
Bintulu	6	6 (100.00%)	6(100.00%)	6 (100.00%)
Miri	13	11 (84.62%)	12(92.31%)	13 (100.00%)
Limbang	1	1 (100.00%)	1 (100.00%)	1 (100.00%)
Sarawak	56	51 (91.07%)	50 (89.29%)	55 (98.21%)

## 5.4 Acute Flaccid Paralysis (AFP)

Reported AFP cases in Sarawak, in Epid Week 1-8, 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	1	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	0	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 8, 2013 and cumulative cases from Epid. Week 1, 2013 until Epid Week 8, 2013.

#### HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Rau		0		1	
Kuching	6	15		6	
<b>KUCHING</b>	<b>6</b>	<b>15</b>	<b>0</b>	<b>7</b>	
Samarahan		3		2	
Asajaya		0		0	
Simunjan		0		2	
Serian		0		1	
<b>SAMARAHAN</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>5</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>	
Belong		0		0	
Saratok		0		0	
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Sarikei		0		0	
Meradong		0		0	
Pakan		0		0	
Julau		0		0	
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Idam		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		0		2	
Kanowit		1		0	
Selangau		0		0	
<b>SIBU</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</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	
Dintulu		3		0	
<b>BINTULU</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	
Miri		9		4	
Marudi		0		1	
<b>MIRI</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>5</b>	
Limbang		0		1	
Lawas	2	2		1	
<b>LIMBANG</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>	
<b>Sarawak</b>	<b>8</b>	<b>35</b>	<b>0</b>	<b>22</b>	

#### AIDS

District / Division	2012		2013		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Dau		0		0	
Kuching		2	5	10	
<b>KUCHING</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>10</b>	
Samarahan		0		0	
Asajaya		0		0	
Simunjan		1		0	
Serian		2		0	
<b>SAMARAHAN</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</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>	
Belong		0		1	
Saratok		0		0	
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
Sarikei		0		0	
Meradong		0		0	
Pakan		0		1	
Julau		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	1		0	
<b>MUKAH</b>	<b>1</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	
Dintulu		0		3	
<b>BINTULU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	
Miri		1		3	
Marudi		1		0	
<b>MIRI</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</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>1</b>	<b>12</b>	<b>5</b>	<b>21</b>	

EW = Epid. Week; Cum. = Cumulative figure



## 6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 8, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 8, 2013.

### Gonorrhoea

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		1	
Bau		1		1	
Kuching	7	38	1	10	
<b>KUCHING</b>	<b>7</b>	<b>39</b>	<b>1</b>	<b>12</b>	
Samarahan		11		3	
Asajaya		5		2	
Simunjan		0		0	
Serian		0		0	
<b>SAMARAHAN</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>5</b>	
Sri Aman		0	2	5	
Lubok Antu		0		1	
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>	
Betong	3	3		0	
Saratok		1		0	
<b>BETONG</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>0</b>	
Sarikei		2		0	
Meradong		1		0	
Pakan		0		1	
Julau		0		0	
<b>SARIKEI</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</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		12	2	6	
Kanowit		0		0	
Selangau		0		0	
<b>SIBU</b>	<b>0</b>	<b>12</b>	<b>2</b>	<b>6</b>	
Song		0		0	
Kapit	3	3		0	
Belaga		0		0	
<b>KAPIT</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	
Tatau		0		0	
Bintulu		2		2	
<b>BINTULU</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	
Miri		2	1	2	
Marudi		0		1	
<b>MIRI</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	
Limbang		1		1	
Lawas		0		0	
<b>LIMBANG</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	
<b>Sarawak</b>	<b>13</b>	<b>82</b>	<b>6</b>	<b>36</b>	

### Syphilis

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		1	
Bau		1		1	
Kuching		2	1	8	
<b>KUCHING</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>10</b>	
Samarahan	1	2		3	
Asajaya		0		2	
Simunjan		2		0	
Serian		0		0	
<b>SAMARAHAN</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>5</b>	
Sri Aman		1	2	4	
Lubok Antu		2		1	
<b>SRI AMAN</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>5</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		0	
<b>MUKAH</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	
Sibu	1	7	2	6	
Kanowit		1		0	
Selangau		1		0	
<b>SIBU</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>6</b>	
Song		0		0	
Kapit		0		0	
Belaga		1		0	
<b>KAPIT</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	
Tatau		0		0	
Bintulu		2		3	
<b>BINTULU</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	
Miri		0	1	2	
Marudi		1		1	
<b>MIRI</b>	<b>0</b>	<b>1</b>	<b>1</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>2</b>	<b>28</b>	<b>6</b>	<b>34</b>	

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

### 7.1 Notified Tuberculosis cases for Epid. Week 8, 2013 compared to Epid. Week 7, 2012 and cumulative cases until Epid. Week 8, 2013.

District / Division	2013		2012		
	EW (8)	Cum.	EW (8)	Cum.	Total
Lundu	0	5	0	2	38
Bau	2	5	1	7	38
Kuching	2	88	7	53	501
<b>KUCHING</b>	<b>4</b>	<b>98</b>	<b>8</b>	<b>62</b>	<b>577</b>
Samarahan	0	8	2	8	44
Asajaya	0	7	2	5	22
Simunjan	0	7	2	12	47
Serian	1	9	1	10	40
<b>SAMARAHAN</b>	<b>1</b>	<b>31</b>	<b>7</b>	<b>35</b>	<b>153</b>
Sri Aman	0	11	3	9	63
Lubok Antu	0	0	2	2	44
<b>SRI AMAN</b>	<b>0</b>	<b>11</b>	<b>5</b>	<b>11</b>	<b>107</b>
Betong	6	6	0	4	52
Saratok	1	3	2	6	59
<b>BETONG</b>	<b>7</b>	<b>9</b>	<b>2</b>	<b>10</b>	<b>111</b>
Sarikei	0	2	1	6	73
Meradong	0	4	1	5	38
Pakan	0	5	0	0	32
Julau	0	7	0	2	20
<b>SARIKEI</b>	<b>0</b>	<b>18</b>	<b>2</b>	<b>13</b>	<b>163</b>
Daro	0	1	1	2	27
Matu	0	0	1	3	10
Dalat	0	0	0	0	13
Mukah	0	5	0	9	64
<b>MUKAH</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>14</b>	<b>114</b>
Sibu	1	25	7	33	226
Kanowit	0	3	3	9	41
Selangau	1	4	1	7	51
<b>SIBU</b>	<b>2</b>	<b>32</b>	<b>11</b>	<b>49</b>	<b>318</b>
Song	0	3	0	4	10
Kapit	0	6	0	7	60
Belaga	2	6	0	1	47
<b>KAPIT</b>	<b>2</b>	<b>15</b>	<b>0</b>	<b>12</b>	<b>117</b>
Tatau	0	4	2	12	53
Bintulu	8	37	4	24	252
<b>BINTULU</b>	<b>8</b>	<b>41</b>	<b>6</b>	<b>36</b>	<b>305</b>
Miri	10	51	3	37	310
Marudi	0	8	3	7	81
<b>MIRI</b>	<b>10</b>	<b>59</b>	<b>6</b>	<b>44</b>	<b>391</b>
Limbang	4	10	2	10	52
Lawas	2	6	0	4	22
<b>LIMBANG</b>	<b>6</b>	<b>11</b>	<b>2</b>	<b>14</b>	<b>74</b>
<b>Sarawak</b>	<b>40</b>	<b>330</b>	<b>51</b>	<b>300</b>	<b>2430</b>

### 7.2 Notified Leprosy cases for Epid. Week 8, 2013 compared to Epid. Week 7, 2012 and cumulative cases until Epid. Week 8, 2013.

District / Division	2013		2012		
	EW (7)	Cum.	EW (7)	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	6	0	0	11
<b>MIRI</b>	<b>0</b>	<b>7</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>12</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> February 2013

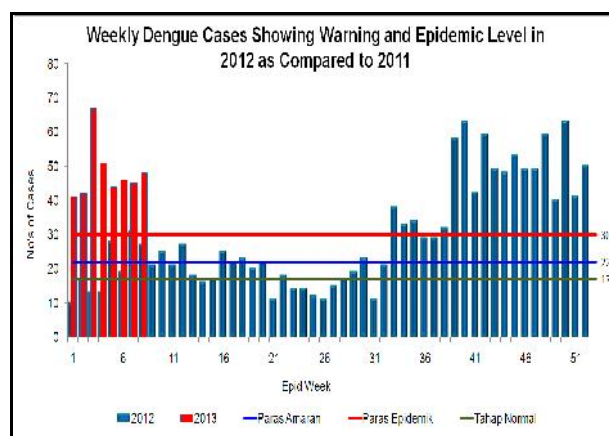
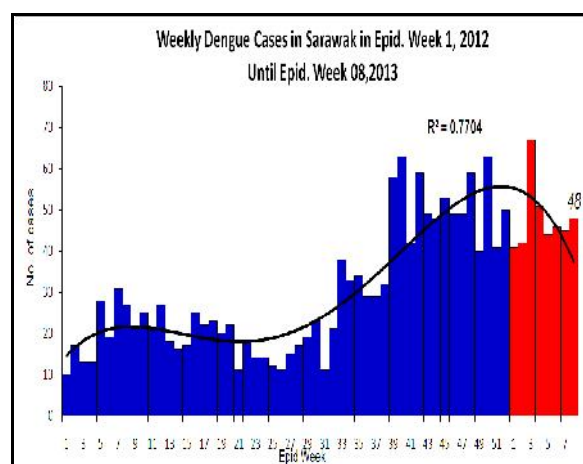
District / Division	2013		2012		
	EW (8)	Cum.	EW (8)	Cum.	Total
Lundu	0	5	0	2	38
Bau	2	5	1	7	38
Kuching	2	88	7	53	501
<b>KUCHING</b>	<b>4</b>	<b>98</b>	<b>8</b>	<b>62</b>	<b>577</b>
Samarahan	0	8	2	8	44
Asajaya	0	7	2	5	22
Simunjan	0	7	2	12	47
Serian	1	9	1	10	40
<b>SAMARAHAN</b>	<b>1</b>	<b>31</b>	<b>7</b>	<b>35</b>	<b>153</b>
Sri Aman	0	11	3	9	63
Lubok Antu	0	0	2	2	44
<b>SRI AMAN</b>	<b>0</b>	<b>11</b>	<b>5</b>	<b>11</b>	<b>107</b>
Betong	6	6	0	4	52
Saratok	1	3	2	6	59
<b>BETONG</b>	<b>7</b>	<b>9</b>	<b>2</b>	<b>10</b>	<b>111</b>
Sarikei	0	2	1	6	73
Meradong	0	4	1	5	38
Pakan	0	5	0	0	32
Julau	0	7	0	2	20
<b>SARIKEI</b>	<b>0</b>	<b>18</b>	<b>2</b>	<b>13</b>	<b>163</b>
Daro	0	1	1	2	27
Matu	0	0	1	3	10
Dalat	0	0	0	0	13
Mukah	0	5	0	9	64
<b>MUKAH</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>14</b>	<b>114</b>
Sibu	1	25	7	33	226
Kanowit	0	3	3	9	41
Selangau	1	4	1	7	51
<b>SIBU</b>	<b>2</b>	<b>32</b>	<b>11</b>	<b>49</b>	<b>318</b>
Song	0	3	0	4	10
Kapit	0	6	0	7	60
Belaga	2	6	0	1	47
<b>KAPIT</b>	<b>2</b>	<b>15</b>	<b>0</b>	<b>12</b>	<b>117</b>
Tatau	0	4	2	12	53
Bintulu	8	37	4	24	252
<b>BINTULU</b>	<b>8</b>	<b>41</b>	<b>6</b>	<b>36</b>	<b>305</b>
Miri	10	51	3	37	310
Marudi	0	8	3	7	81
<b>MIRI</b>	<b>10</b>	<b>59</b>	<b>6</b>	<b>44</b>	<b>391</b>
Limbang	4	10	2	10	52
Lawas	2	6	0	4	22
<b>LIMBANG</b>	<b>6</b>	<b>11</b>	<b>2</b>	<b>14</b>	<b>74</b>
	<b>40</b>	<b>330</b>	<b>51</b>	<b>300</b>	<b>2430</b>

EW = Epid. Week; Cum. = Cumulative figure

## 8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

### 8.1. Notified Dengue cases for Epid. Week 8, 2013 compared to Epid. Week 8, 2012 and cumulative cases until Epid. Week 8, 2013.

District	2013		2012		Total
	EW 08	Cum.	EW 08	Cum.	
Lundu	0	2	0	2	14
Bau	0	2	1	5	39
Kuching	4	34	2	21	164
Samarahan	0	2	2	7	37
Asajaya	0	0	0	1	7
Serian	1	5	0	2	22
Simunjan	0	2	1	4	19
Sri Aman	4	20	0	7	108
Lubok Antu	2	10	1	4	74
Betong	1	13	1	7	86
Saratok	3	12	0	3	38
Sarikei	4	22	0	5	50
Meradong	1	9	0	3	65
Pakan	4	20	1	4	57
Julau	1	4	0	1	49
Daro	0	0	0	0	7
Matu	0	1	0	0	9
Dalat	0	0	1	5	9
Mukah	0	1	0	2	13
Sibu	4	42	3	10	86
Kanowit	2	8	0	1	19
Selangau	1	5	0	1	10
Song	0	9	0	4	29
Kapit	1	24	2	8	89
Belaga	1	8	0	2	42
Tatau	0	2	0	4	37
Bintulu	1	37	2	6	121
Miri	2	29	5	30	126
Marudi	1	5	2	6	45
Limbang	0	5	3	3	32
Lawas	10	53	0	0	38
Sarawak	48	384	27	158	1519

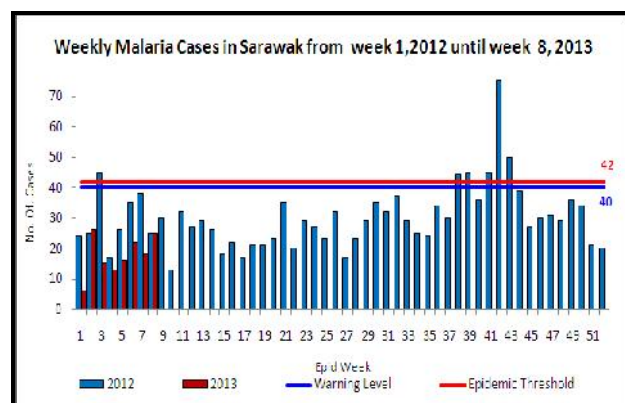
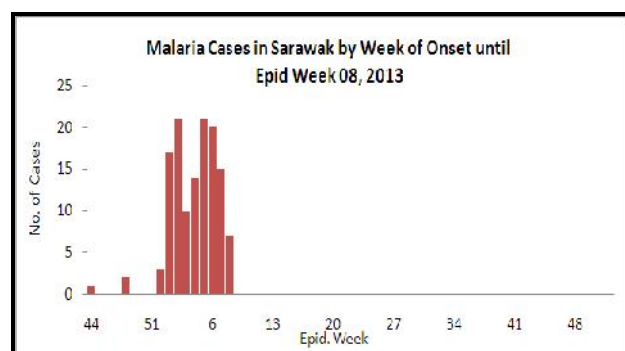
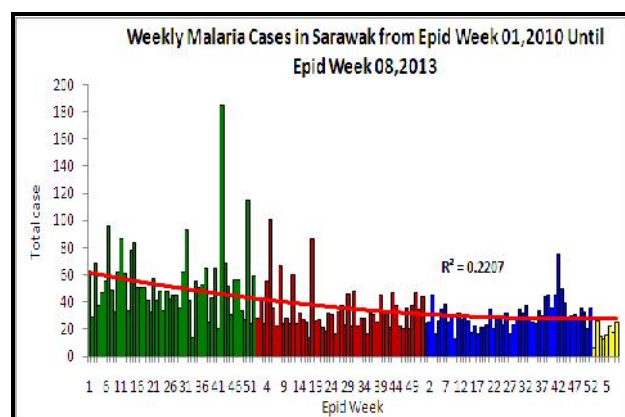


There was an increases of 3 cases from the previous week (Week 07, 2013) and one new outbreak reported from Meradong district. The cumulative number of active outbreak localities remain three (3), one each from Sarikei district, Meradong district and Lawas district.

EW = Epid. Week; Cum. = Cumulative figure

**8.2. Notified Malaria cases for Epid. Week 8, 2013 compared to Epid. Week 7, 2012 and cumulative cases until Epid. Week 8 in 2013.**

District	2013		2012		Total
	CW 0	Cum.	CW 0	Cum.	
Iundu	0	1	0	0	12
Bau	0	0	0	0	1
Kuching	0	3	0	7	18
Gamarahan	0	1	0	0	3
Asajaya	0	0	0	0	0
Serian	0	0	1	2	6
Simunjan	0	2	0	1	9
Sri Aman	0	1	1	3	20
Lubok Antu	0	4	2	8	20
Belaga	2	6	2	5	77
Saratok	1	9	1	2	39
Sarikei	0	1	0	3	10
Meradong	0	0	1	1	12
Pakan	1	6	2	10	66
Julau	3	6	1	17	93
Daro	0	1	0	2	6
Motu	0	0	1	1	1
Dalat	0	0	0	1	7
Mukah	0	0	0	1	2
Sibu	0	7	1	16	67
Kanowit	5	8	0	9	79
Belaga	0	1	0	4	40
Song	2	10	0	9	107
Kapit	2	27	4	35	236
Belaga	2	19	2	12	171
Tatau	0	1	3	7	20
Bintulu	2	7	0	3	32
Miri	1	3	0	6	29
Marudi	1	6	2	62	267
Limbang	0	2	0	8	30
Lowos	0	11	1	11	80
Sarawak	25	141	25	235	1571



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	
	EW 8	Cum.
Passive Case Detection (PCD)	24	130
Active Case Detection (ACD)	1	6
Investigation slides ( INV)	0	0
Mass Blood Survey (MBS)	0	0
Follow-up	0	5
<b>Total</b>	<b>25</b>	<b>141</b>

### 8.2.2 Malaria cases by species and case classification

Species	Indigenous	Imported	Relapsed	EW 8	Cumm.Wk 1-8
<i>Plasmodium vivax</i>	3	1	0	4	38
<i>Plasmodium falciparum</i>	0	0	0	0	7
<i>Plasmodium malariae</i>	0	0	0	0	0
<i>Plasmodium knowlesi</i>	21	0	0	21	96
<i>Plasmodium ovale</i>	0	0	0	0	0
<i>Mixed infection</i>	0	0	0	0	0
<b>Total</b>	<b>24</b>	<b>1</b>	<b>0</b>	<b>25</b>	<b>141</b>

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

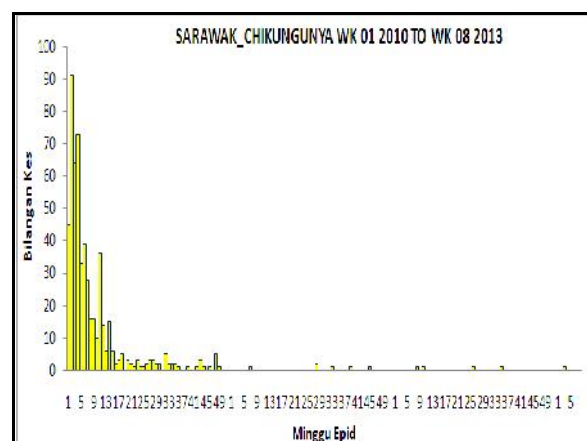
District	Nationality	Place of Infection	Cases	Gender	Age	Address in Sarawak
Bintulu	Malaysian	Vanimo, Papua New Guinea	<i>P. vivax</i>	MALE	47	Tmn. Kemena Sutra

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

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

**8.3. Notified Chikungunya cases for Epid. Week 8, 2013 compared to Epid. Week 7, 2012 and cumulative cases in Epid. Week 8 in 2013.**

District	2013		cumm 2013
	WK 8	WK 1-8, 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
BETONG	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



EW = Epid. Week; Cum. = Cumulative figure



#### 8.4. Filariasis

No case reported in week 08, 2013. During the same period in 2012, 6 cases were reported. The cumulative case for 2013 is .

#### 8.5 Japanese Encephalitis (JE)

No case reported in week 08, 2013. During the same period in 2012, no case was reported. The cumulative case of Japanese Encephalitis for 2013 is 3.

### 9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

#### 9.1. Viral Encephalitis

No case reported. As at EW 8, no case of Viral Encephalitis reported.

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

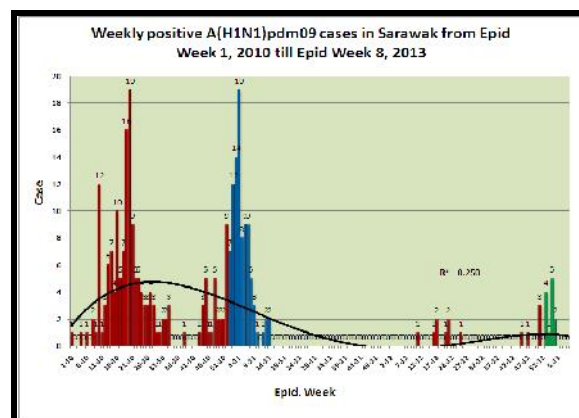
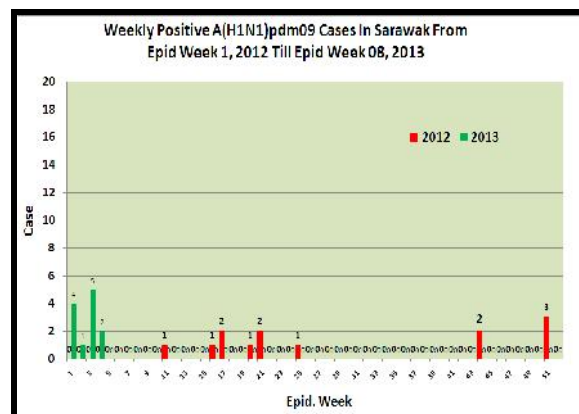
No	Type of Viral Hepatitis	Epid Week 8	Cum. 2013
1	Hepatitis A	0	0
2	Acute Hepatitis B	0	1
3	Chronic Hepatitis B	1	5
4	Acute Hepatitis C	0	4
5	Chronic Hepatitis C	1	6

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

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

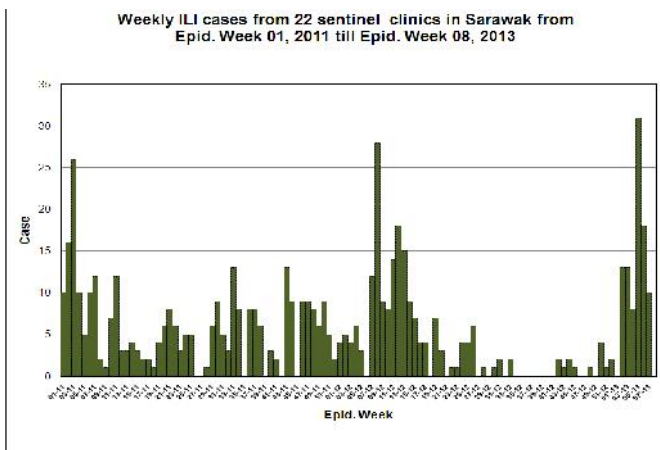
10.1.1 Positive Pandemic Influenza A/H1N1<sub>pdm09</sub> as for Epid. Week 8, 2013 compared to Epid. Week 7, 2012 and cumulative cases in Epid. Week 8 in 2013.

District	2013		2012		Total
	EW 08	Cum.	EW 08	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	7	0	0	5
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	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>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>13</b>



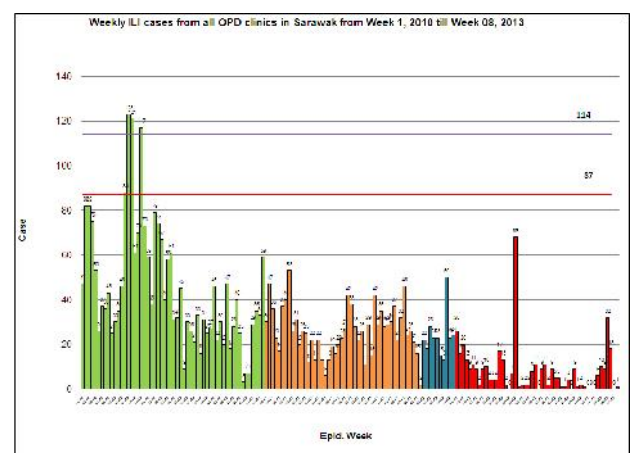
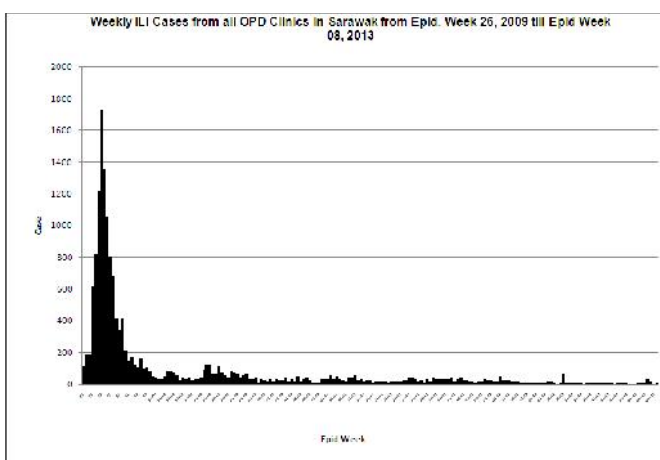
EW = Epid. Week; Cum. = cumulative figure

### 10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2011 till Epid. Week 8 in 2013.



In Epid. Week 8, 2013, 10 cases of ILI reported from 22 Sentinel Clinic.

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).

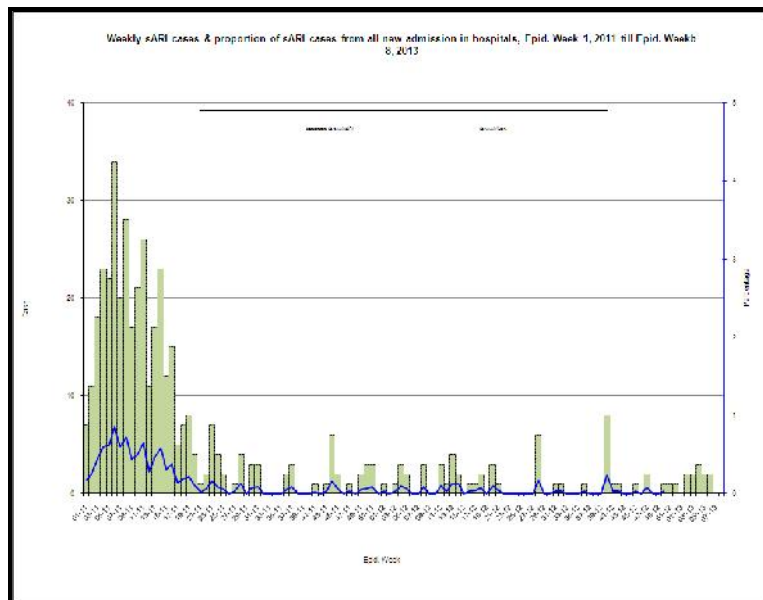


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 23<sup>rd</sup> February, 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:

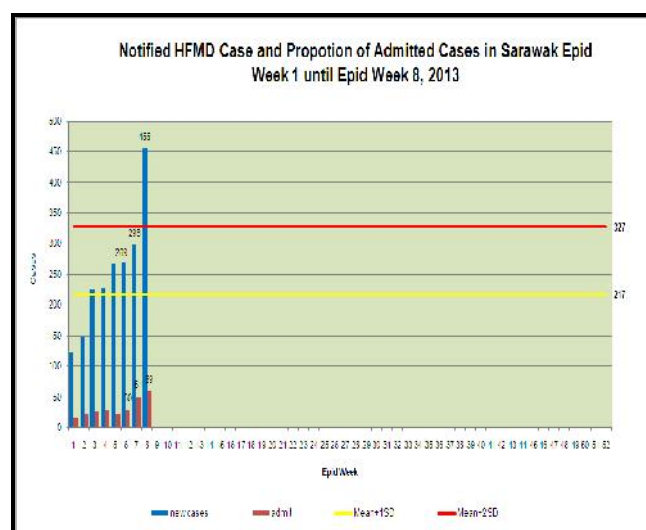
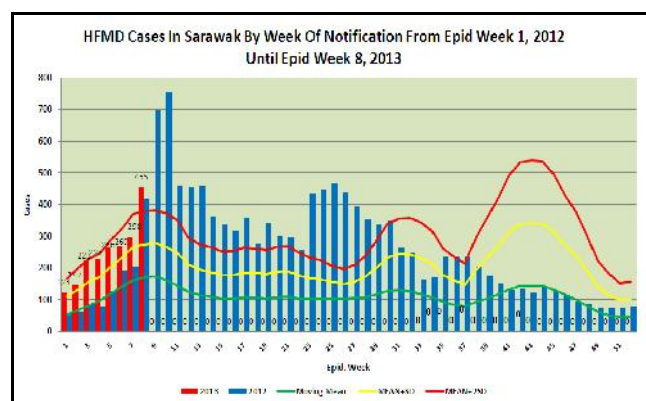
1. meets ILI case definition (sudden onset of fever > 38°C and cough or sore throat in the absence of other diagnosis, **AND**
2. shortness of breath or difficulty of breathing, **AND**
3. requires hospital admission (Disease Control Division, Ministry of Health, October 2009)

### 10.1.5. Weekly Summary Report on suspected H1N1 in Government Hospitals in Sarawak as on 23<sup>rd</sup> February 2013.

Division	Hospital	New EW 8	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	0	17	0	0	0	0	0	0	0
	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	1	1	0	0	0	0	0	1	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		1	24	0	0	0	0	0	1	0

**10.2. Notified HFMD (Masterlist) cases for Epid. Week 8, 2013 compared to Epid. Week 7,2012 and cumulative cases until Epid. Week 8,2013.**

District / Division	2013		2012		Total
	EW (8)	Cum.	EW (8)	Cum.	
Lundu	10	44	15	22	31
Bau	8	27	9	17	149
Kuching	47	257	130	410	602
<b>KUCHING</b>	<b>65</b>	<b>328</b>	<b>154</b>	<b>449</b>	<b>782</b>
Samarahan	6	36	16	56	127
Asajaya	1	2	0	3	35
Simunjan	2	15	0	6	19
Serian	18	95	26	54	39
<b>SAMARAHAN</b>	<b>27</b>	<b>148</b>	<b>42</b>	<b>119</b>	<b>220</b>
Sri Aman	9	45	12	33	97
Lubok Antu	0	13	0	4	18
<b>SRI AMAN</b>	<b>9</b>	<b>58</b>	<b>12</b>	<b>37</b>	<b>115</b>
Belaga	3	36	18	79	57
Saratok	13	40	5	28	37
<b>BETONG</b>	<b>16</b>	<b>76</b>	<b>23</b>	<b>107</b>	<b>94</b>
Sarikei	38	89	6	12	188
Meradong	22	52	0	3	73
Pakan	7	18	4	5	7
Julau	3	60	5	10	32
<b>SARIKEI</b>	<b>70</b>	<b>219</b>	<b>15</b>	<b>60</b>	<b>300</b>
Daro	2	5	0	1	7
Matu	0	9	1	1	1
Dalat	3	9	0	7	84
Mukah	1	14	8	12	42
<b>MUKAH</b>	<b>6</b>	<b>37</b>	<b>9</b>	<b>21</b>	<b>137</b>
Sibu	75	307	28	44	149
Kanowit	13	22	0	1	6
Selangau	3	13	0	0	22
<b>SIBU</b>	<b>91</b>	<b>342</b>	<b>28</b>	<b>45</b>	<b>177</b>
Song	7	18	0	2	12
Kapit	13	48	0	34	64
Belaga	4	5	1	16	55
<b>KAPIT</b>	<b>24</b>	<b>71</b>	<b>1</b>	<b>52</b>	<b>131</b>
Totau	1	7	1	11	25
Bintulu	25	73	89	191	275
<b>BINTULU</b>	<b>26</b>	<b>80</b>	<b>90</b>	<b>202</b>	<b>772</b>
Miri	96	546	15	80	324
Marudi	11	63	0	0	49
<b>MIRI</b>	<b>107</b>	<b>609</b>	<b>15</b>	<b>80</b>	<b>373</b>
Limbang	11	36	30	48	65
Lavias	3	7	0	11	4
<b>LIMBANG</b>	<b>14</b>	<b>43</b>	<b>30</b>	<b>59</b>	<b>69</b>
<b>SARAWAK</b>	<b>455</b>	<b>2011</b>	<b>419</b>	<b>1231</b>	<b>3170</b>



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 23<sup>rd</sup> February 2013.**

District	Cases Reported to CPRC		Cum. Registered Cases In e-Notifikasi	Back Log
	EW 8	Cum		
Lundu	10	44	44	0
Bau	8	27	25	2
Kuching	47	257	245	12
<b>Total</b>	<b>65</b>	<b>328</b>	<b>314</b>	<b>14</b>
Samarahan	6	36	42	-6
Asajaya	1	2	2	0
Simunjan	2	15	26	-11
Serian	18	95	95	0
<b>Total</b>	<b>27</b>	<b>148</b>	<b>165</b>	<b>-17</b>
Sri Aman	9	45	45	0
Lubok Antu	0	13	11	2
<b>Total</b>	<b>9</b>	<b>58</b>	<b>56</b>	<b>2</b>
Betong	3	36	33	3
Saratok	13	40	34	6
<b>Total</b>	<b>16</b>	<b>76</b>	<b>67</b>	<b>9</b>
Sarikei	38	89	83	6
Meradong	22	52	32	20
Pakan	7	18	21	-3
Julau	3	60	61	-1
<b>Total</b>	<b>70</b>	<b>219</b>	<b>197</b>	<b>22</b>
Daro	2	5	3	2
Matu	0	9	12	-3
Dalat	3	9	13	-4
Mukah	1	14	14	0
<b>Total</b>	<b>6</b>	<b>37</b>	<b>42</b>	<b>-5</b>
Sibu	75	307	296	11
Kanowit	13	22	3	19
Selangau	3	13	12	1
<b>Total</b>	<b>91</b>	<b>342</b>	<b>311</b>	<b>31</b>
Song	7	18	11	7
Kapit	13	48	48	0
Belaga	4	5	4	1
<b>Total</b>	<b>24</b>	<b>71</b>	<b>63</b>	<b>8</b>
Tatau	1	7	6	1
Bintulu	25	73	81	-8
<b>Total</b>	<b>26</b>	<b>80</b>	<b>87</b>	<b>-7</b>
Miri	96	546	499	47
Marudi	11	63	65	-2
<b>Total</b>	<b>107</b>	<b>609</b>	<b>564</b>	<b>45</b>
Limbang	11	36	34	2
Lawas	3	7	7	0
<b>Total</b>	<b>14</b>	<b>43</b>	<b>41</b>	<b>2</b>
<b>TOTAL</b>	<b>455</b>	<b>2011</b>	<b>1907</b>	<b>104</b>

## 10.2.2. HFMD Clusters and closure

### Cluster and Closure by Division

Division	Cluster		Closure	
	EW8	Cum	EW8	Cum
Kuching	2	32	0	0
Samarahan	2	11	0	0
Sri Aman	0	6	0	0
Betong	3	10	0	0
Sarikei	11	30	0	2
Mukah	0	2	0	0
Sibu	8	28	0	0
Kapit	2	4	0	0
Bintulu	0	1	0	0
Miri	10	41	0	0
Limbang	3	10	0	0
<b>Sarawak</b>	<b>41</b>	<b>175</b>	<b>0</b>	<b>2</b>

### Cluster by place of occurrence

Division	Cum. Category Of HFMD Cluster Epid Week 8, 2013				Total	Cum. Closure
	Family	Child Care Centre	Kindergarten	School		
Kuching	30	0	2	0	32	0
Samarahan	11	0	0	0	11	0
Sri Aman	6	0	0	0	6	0
Betong	10	0	0	0	10	0
Sarikei	27	0	2	1	30	2
Mukah	1	0	1	0	2	0
Sibu	25	0	3	0	28	0
Kapit	3	0	0	1	4	0
Bintulu	1	0	0	0	1	0
Miri	40	0	1	0	41	0
Limbang	9	0	0	1	10	0
<b>SARAWAK</b>	<b>163</b>	<b>0</b>	<b>9</b>	<b>3</b>	<b>175</b>	<b>2</b>

**10.3. Notified Leptospirosis cases for Epid. Week 8, 2013 compared to Epid. Week 7, 2012 and cumulative cases until Epid.Week 8, in 2013.**

District / Division	Case classification				Total					
	Confirmed		Probable		2013		2012		2011	
	EW (8) 2013	EW (8) 2012	EW (8) 2013	EW (8) 2012						
Lundu	0	0	1	0	1		4		6	
Bau	0	0	0	0	1		9	(2)	5	(1)
Kuching	0	0	1	0	3		76	(2)	40	(2)
<b>KUCHING</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>5</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	1	0	2	(1)	4		10	(2)
<b>SAMARAHAN</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>		<b>20</b>		<b>24</b>	<b>(3)</b>
Sri Aman	0	0	1	0	1		14		14	(2)
Lubok Antu	0	0	0	0	0		15		11	
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>1</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	2		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>3</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	0	0	0	0	0		0		3	
<b>MUKAH</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>1</b>		<b>4</b>	<b>(1)</b>
Sibu	0	0	0	0	0		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>0</b>		<b>10</b>	<b>(1)</b>	<b>9</b>	
Song	0	0	0	0	0		1		1	
Kapit	0	0	3	0	6		50		12	
Belaga	0	0	0	0	10		4	(1)	7	(1)
<b>KAPIT</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>16</b>		<b>55</b>		<b>20</b>	<b>(1)</b>
Tatau	0	0	0	0	0		2		1	
Bintulu	0	0	0	1	9	(1)	7		10	(2)
<b>BINTULU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>9</b>		<b>9</b>		<b>11</b>	<b>(2)</b>
Miri	0	0	0	1	3		10		16	(1)
Marudi	0	0	0	0	0		2		2	
<b>MIRI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>		<b>12</b>		<b>18</b>	<b>(1)</b>
Limbang	0	0	1	0	2		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>2</b>		<b>21</b>	<b>(1)</b>	<b>2</b>	<b>(1)</b>
<b>SARAWAK</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>2</b>	<b>42</b>	<b>(2)</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 (Surat Pekeliling Ketua Pengarah Kesihatan Malaysia Bil. 33/2010**

### 10.3.1 Locality of Leptospirosis Cluster in Sarawak until Epid. Week 8, 2013

No.	District	Locality	Number of Cases	Outbreak Declared
	Nil			

### 10.4. Notified Melioidosis cases for Epid. Week 8, 2013 compared to Epid. Week 7,2012 and cumulative cases until Epid. Week 8, 2013

District / Division	Case classification				Total				
	Confirmed		Probable		2013		2012		2011
	EW (8) 2013	EW (8) 2012	EW (8) 2013	EW (8) 2012					
Lundu	0	0	0	0	0		0		0
Bau	0	0	0	0	0		1		1
Kuching	0	0	0	0	0		3		4
<b>KUCHING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b></b>	<b>4</b>	<b></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></b>	<b>1</b>	<b></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></b>	<b>1</b>	<b></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></b>	<b>0</b>	<b></b>	<b>0</b>
Sarikel	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></b>	<b>1</b>	<b></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></b>	<b>2</b>	<b></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></b>	<b>1</b>	<b></b>	<b>6</b>
Song	0	0	0	0	0		0		1
Kapit	0	0	1	0	1		28		62 (3)
Belaga	0	0	0	0	0		0		21 (4)
<b>KAPIT</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b></b>	<b>28</b>	<b></b>	<b>84 (7)</b>
Iatau	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></b>	<b>0</b>	<b></b>	<b>10 (1)</b>
Miri	0	0	0	0	0		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>0</b>	<b></b>	<b>2</b>	<b></b>	<b>8 (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></b>	<b>0</b>	<b></b>	<b>0</b>
<b>SARAWAK</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b></b>	<b>40 (1)</b>	<b>121</b>	<b>(11)</b>

Note: ( ) Death; EW = Epid. Week

District indicates source of infection

#### 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

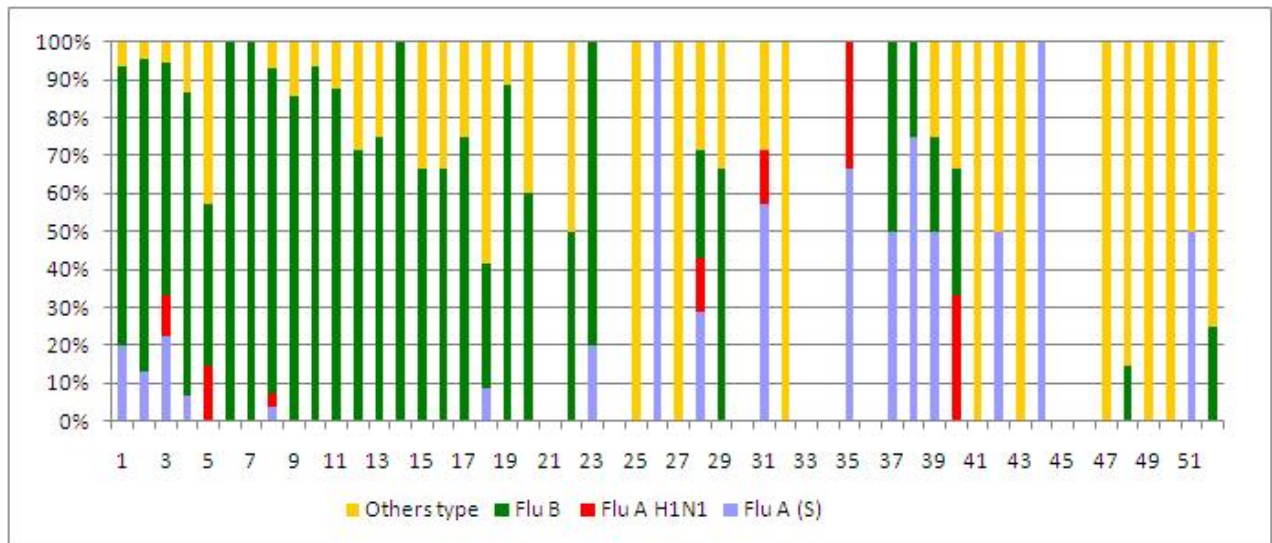
: # District indicate patient's current place of residence or workplace

® Hospital indicate facility where patient admitted



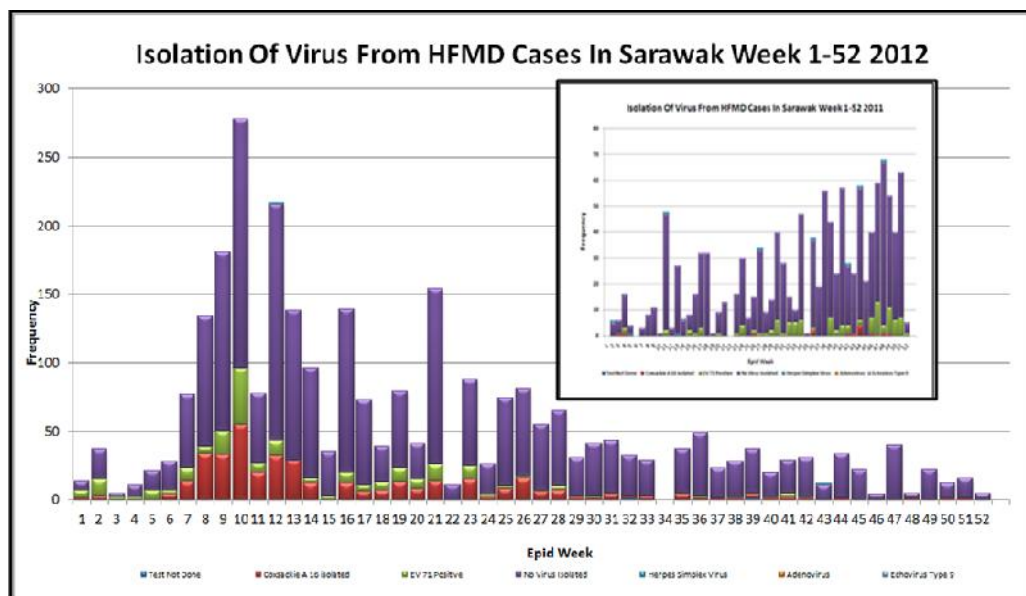
## 11. LABORATORY BASED SURVEILLANCE

### 11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah\*) from Epid Week 1 till Epid Week 52, 2012.

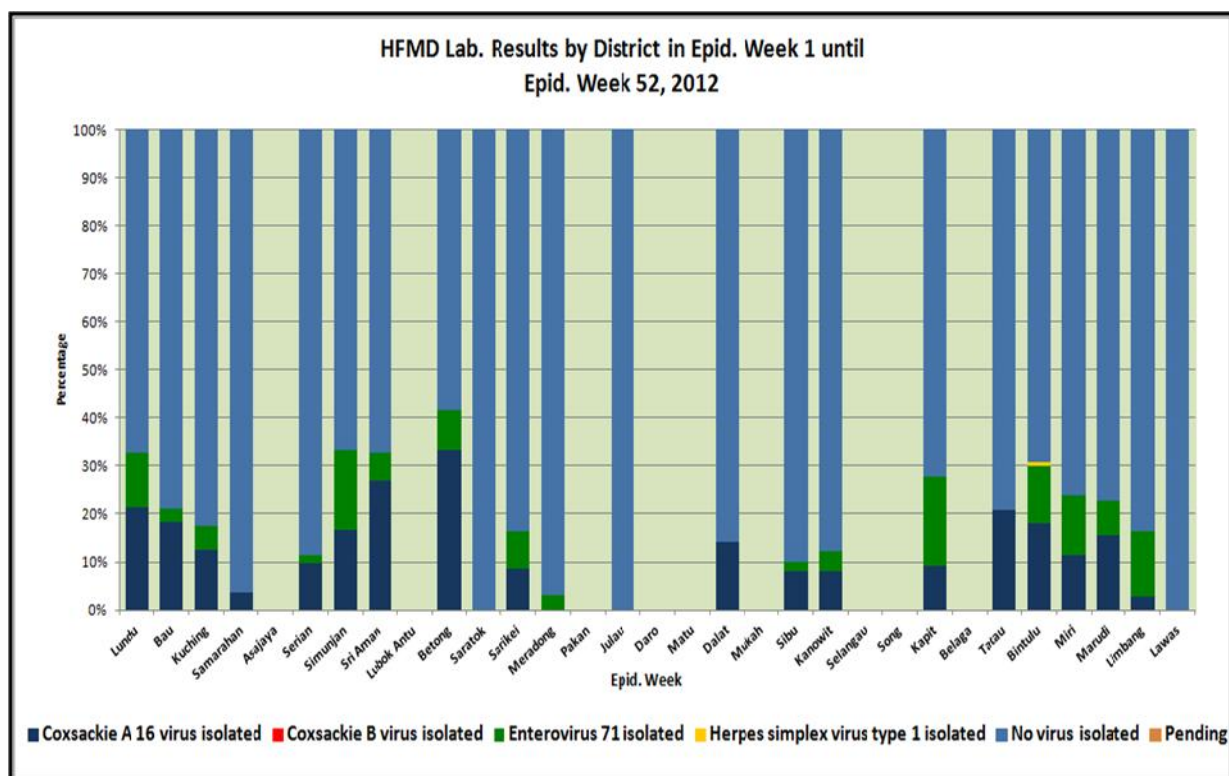


\* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

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



As of 26<sup>th</sup> January, 2013, 2816 HFMD samples sent to MKAK Sg Buloh. 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	drmuzian@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. Hji. Osman Hji. Rafaie	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:**

Datu 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, CDC Unit

Mr Abdul Kadir Mohd. Anis

Mr Davidson Clinn Tayus

Mr Muslim Mhd. Ghazali

Mr Ahmad Zaidi Ujang

Ms Maliza Jalel

Mr Mike Jesussen Ak Bolian

Ms Hawa Nabila Binti Hip

Ms Tang Wan Yung

PPKP, VBDC Section

PPKP, STD/AIDS Section

PPKP, TBCP/LCP Section

**GRAPHIC:**

Dr Noorzilawati binti Sahak

Mr Davidson Clinn Tayus

**CORRESPONDENCE:**

COMMUNICABLE DISEASE CONTROL SECTION,  
Sarawak Health Department,  
Jalan Diplomatik, Off Jalan Bako  
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.