



# SARAWAK

## WEEKLY EPID NEWS

Sarawak Health Department

EPID.WEEK 28

7<sup>th</sup> July- 13<sup>th</sup> July, 2013

### INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

#### Local Update:

#### Global Update:

##### H7N9

Status as on 29<sup>nd</sup> May 2013.

There are a total of 131 laboratory confirmed human cases with avian influenza A(H7N9) virus including 32 fatalities in China.

##### MERS-CoV

Status as on 8<sup>th</sup> July 2013.

Globally, from September 2012 to date, WHO has been informed of a total of 81 laboratory-confirmed cases of infection with MERS-CoV, including 45 deaths.

\*MERS-CoV- Middle East Respiratory Syndrome Coronavirus

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CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

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## 2. NEW OUTBREAKS/CLUSTERS

### 3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 27, 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											1																
Bau											4										2						
Kuching	1/1					3					28								2		9						4
Samarahan											2										5						
Asajaya						1					1										2						
Simunjan						1															1						
Serian											1																
Sri Aman											1																1
L/ Antu											1										4						2
Betong						1							1						1								1
Saratok						1					2										1						
Sarikei																					1						4
Meradong																											1
Pakan						1																					10
Julau																											1
Daro																					1						
Matu																					1						1
Dalat																											
Mukah											1								2		1						
Sibu						2					9		2						2		6						
Kanowit																											
Selangau										1	1																
Song																											
Kapit						1							7								1						
Belaga						1															3						
Tatau						1															1						
Bintulu						1					3										4						2
Miri						7				1	20										10						1
Marudi												1	3						1		2						
Limbang									16		13										1						
Lawas	1									1	9		3								2						1
TOTAL (Week 28)	2/1					21			16	3	98	1	24						8		57						29
Total (2013)	104/53					830	4		718	124	6818	22	461		215				289		1203			82			211
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	182
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

\* 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 28, 2013

Daerah	Kes Daftar								
	Tifoid/Paratyphoid				KRM*	Kolera	Disentri		Hep. A
	Disyaki	<i>S. typhi</i>	Para. A	Para. B			Disyaki	Sah	
Lundu	0	0	0	0	0	0	2	0	0
Bau	0	0	0	0	0	0	0	0	0
Kuching	0	0	0	0	55(1)	0	15	0	0
Asajaya	0	0	0	0	27	0	1	0	0
Samarahan	0	0	0	0	0	0	11	0	0
Simunjan	0	0	0	0	0	0	0	0	0
Serian	0	0	0	0	77	0	4	0	0
Sri Aman	0	0	0	0	0	0	0	0	0
Lubok Antu	2	2	0	0	0	0	0	0	0
Betong	0	0	0	0	4	0	3	0	0
Saratok	0	0	0	0	4	0	12	3	0
Sarikei	1	0	0	0	66	0	12	2	0
Maradong	3	2	0	0	0	0	4	0	0
Julau	0	0	0	0	19	0	1	0	0
Pakan	2	0	0	0	4	0	7	2	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	3	2	0	0	23	0	5	0	0
Kanowit	1	1	0	0	73	0	3	0	0
Selangau	0	0	0	0	71	0	0	0	0
Kapit	0	0	0	0	12	0	1	0	0
Belaga	4	1	0	0	4	0	0	0	0
Song	0	0	0	0	35	0	2	0	0
Bintulu	2	0	1	0	4	0	3	0	0
Tatau	0	0	0	0	0	0	1	0	0
Miri	0	0	0	0	54	0	0	0	0
Marudi	0	0	0	0	9	0	0	0	1
Limbang	1	0	0	0	107	0	0	0	0
Lawas	0	0	0	0	12	0	0	0	0
<b>Jumlah</b>	<b>19</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>660(1)</b>	<b>0</b>	<b>87</b>	<b>7</b>	<b>1</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

( ) = Death

#### 4.2 Summary number of FWBD cases and outbreak from Epid.week 1-28

Diseases	Number of cases		Outbreak	
	EW 28	2013	EW 28	2013
KRM	16	718	1	47
Tifoid	0	8	0	1
Paratyphoid A,B,C	0	1	0	0
Kolera	0	0	0	0
Dysentry	0	4	0	0
Salmonellosis	0	3	0	0
Hep. A	0	1	0	0
AGE dan lain-lain				0
<b>JUMLAH</b>	<b>16</b>	<b>735</b>	<b>1</b>	<b>56</b>

## 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 28, 2013

Division	TYPES OF DISEASES											
	Measles					Rubella	Tetanus C	Whooping Cough		Hepatitis B		Japanese Encephalitis
	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirmed		S	C	Acute	Chronic	
		Lab. Confirmed	Clinically Confirmed	Epid. Link								
Kuching	39	0	0	0	23	5	0	9	0	1	12	2
Samarahan	22	0	0	0	16	2	0	5	1	0	5	0
Sri Aman	2	0	0	0	1	0	0	0	0	0	5	2
Betong	25	0	0	0	20	7	0	0	0	1	4	0
Sarikei	28	1	0	0	25	4	1	0	0	0	0	0
Sibu	5	0	0	0	5	0	0	2	0	0	3	0
Kapit	34	0	0	0	31	17	0	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	1	0	1	1	0
Bintulu	10	0	0	0	4	1	1	0	0	0	0	0
Miri	53	1	0	0	41	14	0	1	0	0	7	0
Limbang	15	0	0	0	12	2	0	0	0	1	18	0
Sarawak	233	2	0	0	178	52	2	18	1	4	55	4

Note: S = suspected; C = confirmed

### 5.2. Measles Elimination Programme (MEP) Achievement by Division from Epid. Week 1 until Epid Week 28, 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	39	36	92.31	39	100.00	36	92.31
Samarahan	22	21	95.45	22	100.00	16	72.73
Sri Aman	2	2	100.00	2	100.00	1	50.00
Betong	25	25	100.00	25	100.00	22	88.00
Sarikei	28	24	85.71	28	100.00	26	92.86
Sibu	5	5	100.00	5	100.00	5	100.00
Kapit	34	31	91.18	34	100.00	31	91.18
Mukah	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
Bintulu	10	9	90.00	10	100.00	10	100.00
Miri	53	47	88.68	53	100.00	52	98.11
Limbang	15	15	100.00	15	100.00	15	100.00
Sarawak	233	215	92.27	233	100.00	214	91.85

## 5.4 Acute Flaccid Paralysis (AFP)

### Reported AFP cases in Sarawak, in Epid Week 1-28, 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	1
Samarahan	79,300	3	1	0	0	0	0
Sri Aman	33,300	0		1	1	0	0
Betong	43,600	0		0	0	0	0
Sibu	97,900	0	1	0	0	0	0
Kapit	37,400	0		0	0	0	0
Mukah	30,100	0		0	0	0	0
Sarikei	65,000	1	1	0	0	0	0
Miri	123,500	2	1	3	3	0	2
Bintulu	75,800	1	1	1	1	0	1
Limbang	30,400	0		0	0	0	0
<b>TOTAL</b>	<b>854.7</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>4</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 14days 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 28, 2013 and cumulative cases from Epid. Week 1, 2013 until Epid. Week 28, 2013.

#### HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		2		2	
Kuching	1	36	1	25	
<b>KUCHING</b>	<b>1</b>	<b>38</b>	<b>1</b>	<b>27</b>	
Samarahan		6		5	
Asajaya		1		3	
Simunjan		0		3	
Serian		4		2	
<b>SAMARAHAN</b>		<b>11</b>	<b>0</b>	<b>13</b>	
Sri Aman		0		2	
Lubok Antu		0		0	
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	
Betong		1		0	
Saratok		0		0	
<b>BETONG</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	
Sarikei		0		1	
Meradong		1		0	
Pakan		2		0	
Julau		1		0	
<b>SARIKEI</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>1</b>	
Dam		1		0	
Matu		2		0	
Dalat		0		0	
Mukah		0		0	
<b>MUKAH</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	
Sibu		10		7	
Kanowit		3		1	
Selangau		0		0	
<b>SIBU</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>8</b>	
Song		0		0	
Kapit		0		0	
Belaga		3		0	
<b>KAPIT</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	
Tatau		1		1	
Bintulu		13		4	
<b>BINTULU</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>5</b>	
Miri		12	1	15	
Marudi		0		1	
<b>MIRI</b>	<b>0</b>	<b>12</b>	<b>1</b>	<b>16</b>	
Limbang		1		6	
Lawas	1	4		1	
<b>LIMBANG</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>7</b>	
<b>Sarawak</b>	<b>2</b>	<b>104</b>	<b>2</b>	<b>79</b>	

#### AIDS

2012		2013		Total
EW (current)	Cum.	EW (current)	Cum.	
	0		1	
1	1		1	
1	11	1	21	
<b>2</b>	<b>12</b>	<b>1</b>	<b>23</b>	
	2		1	
	1		2	
	1		0	
	2		1	
<b>0</b>	<b>6</b>	<b>0</b>	<b>4</b>	
	1		0	
	0		0	
<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	
	0		1	
	0		0	
<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
	1		0	
	1		1	
	1		2	
	1		1	
	<b>4</b>	<b>0</b>	<b>4</b>	
	0		0	
	0		1	
	0		0	
	1		0	
<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	
	8		4	
	0		1	
	0		0	
<b>0</b>	<b>8</b>	<b>0</b>	<b>5</b>	
	1		0	
	0		0	
	0		2	
<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	
	0		1	
	2		6	
<b>0</b>	<b>2</b>	<b>0</b>	<b>7</b>	
	5		4	
	1		0	
<b>0</b>	<b>6</b>	<b>0</b>	<b>4</b>	
	3		0	
	1		0	
<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	
<b>2</b>	<b>48</b>	<b>1</b>	<b>53</b>	

EW = Epid. Week; Cum. = Cumulative figure

## 6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 28, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 28, 2013.

### Gonorrhoea

District / Division	2012		2011		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		3	
Bau		5		2	
Kuching		18		51	
<b>KUCHING</b>	<b>0</b>	<b>23</b>	<b>0</b>	<b>55</b>	
Samarahan		9		9	
Asajaya		1	1	8	
Simunjan		4		2	
Serian		3		1	
<b>SAMARAHAN</b>	<b>0</b>	<b>17</b>	<b>1</b>	<b>19</b>	
Sri Aman		5		10	
Lubok Antu		2		4	
<b>SRI AMAN</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>13</b>	
Betong		0		0	
Saratok		1		0	
<b>BETONG</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	
Sarikei		0		0	
Meradong		1		2	
Pakan		1		1	
Julau		0		0	
<b>SARIKEI</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	
Daro		0		1	
Matu		0		0	
Dalat		1		0	
Mukah		1		2	
<b>MUKAH</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	
Sibu		29		24	
Kanowit		3		0	
Selangau	1	2		1	
<b>SIBU</b>	<b>1</b>	<b>34</b>	<b>0</b>	<b>25</b>	
Song		0		0	
Kapit		0		2	
Belaga		2		0	
<b>KAPIT</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	
Tatau		0		0	
Bintulu		10		5	
<b>BINTULU</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>5</b>	
Miri	1	5		3	
Marudi		8		1	
<b>MIRI</b>	<b>1</b>	<b>13</b>	<b>0</b>	<b>9</b>	
Limbang		1	1	3	
Lawas	1	8		0	
<b>LIMBANG</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>3</b>	
<b>Sarawak</b>	<b>3</b>	<b>124</b>	<b>2</b>	<b>135</b>	

### Syphilis

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		3		3	
Bau		2		7	
Kuching	2	113		91	
<b>KUCHING</b>	<b>2</b>	<b>118</b>	<b>0</b>	<b>101</b>	
Samarahan		28		12	
Asajaya		12	1	10	
Simunjan		4		5	
Serian		7		6	
<b>SAMARAHAN</b>	<b>0</b>	<b>51</b>	<b>1</b>	<b>33</b>	
Sri Aman		1		3	
Lubok Antu		1		1	
<b>SRI AMAN</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>	
Betong	1	6		0	
Saratok		3		0	
<b>BETONG</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>0</b>	
Sarikei		0		2	
Meradong		0		2	
Pakan		0		0	
Julau		1		0	
<b>SARIKEI</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	
Daro		1		4	
Matu		2		8	
Dalat		0		0	
Mukah	2	7		3	
<b>MUKAH</b>	<b>2</b>	<b>10</b>	<b>0</b>	<b>15</b>	
Sibu	2	42		27	
Kanowit		3		0	
Selangau		3		2	
<b>SIBU</b>	<b>2</b>	<b>48</b>	<b>0</b>	<b>29</b>	
Song		0		0	
Kapit		4		0	
Belaga		0		0	
<b>KAPIT</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	
Tatau		8		0	
Bintulu		12		4	
<b>BINTULU</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>4</b>	
Miri		7		15	
Marudi	1	5		2	
<b>MIRI</b>	<b>1</b>	<b>12</b>	<b>0</b>	<b>17</b>	
Limbang		2	1	3	
Lawas		0		2	
<b>LIMBANG</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>5</b>	
<b>Sarawak</b>	<b>8</b>	<b>289</b>	<b>2</b>	<b>212</b>	



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

### 7.1 Notified Tuberculosis cases for Epid. Week 28, 2013 compared to Epid. Week 28, 2012 and cumulative cases until Epid.Week 28, 2013.

District / Division	2013		2012		
	EW (28)	EW (28)	EW (28)	Cum.	Total
Lundu	0	16	2	15	38
Bau	2	31	1	23	38
Kuching	9	269	7	244	501
<b>KUCHING</b>	<b>11</b>	<b>316</b>	<b>10</b>	<b>282</b>	<b>577</b>
Samarahan	5	41	0	25	44
Asajaya	2	16	0	11	22
Simunjan	1	24	2	28	47
Serian	0	26	1	20	40
<b>SAMARAHAN</b>	<b>8</b>	<b>107</b>	<b>3</b>	<b>84</b>	<b>153</b>
Sri Aman	0	26	1	30	63
Lubok Antu	4	15	1	23	44
<b>SRI AMAN</b>	<b>4</b>	<b>41</b>	<b>2</b>	<b>53</b>	<b>107</b>
Betong	0	35	1	21	52
Saratok	1	27	4	28	59
<b>BETONG</b>	<b>1</b>	<b>62</b>	<b>5</b>	<b>49</b>	<b>111</b>
Sarikei	1	19	1	25	73
Meradong	0	10	1	19	38
Pakan	0	15	1	6	32
Julau	0	9	0	9	20
<b>SARIKEI</b>	<b>1</b>	<b>53</b>	<b>3</b>	<b>59</b>	<b>163</b>
Daro	1	7	0	10	27
Matu	1	3	0	6	10
Dalat	0	2	1	8	13
Mukah	1	22	0	29	64
<b>MUKAH</b>	<b>3</b>	<b>34</b>	<b>1</b>	<b>53</b>	<b>114</b>
Sibu	6	113	4	122	226
Kanowit	0	21	0	22	41
Selangau	0	12	2	31	51
<b>SIBU</b>	<b>6</b>	<b>146</b>	<b>6</b>	<b>175</b>	<b>318</b>
Song	0	10	1	7	10
Kapit	1	27	1	30	60
Belaga	3	17	0	20	47
<b>KAPIT</b>	<b>4</b>	<b>54</b>	<b>2</b>	<b>57</b>	<b>117</b>
Tatau	1	20	1	31	53
Bintulu	4	119	4	106	252
<b>BINTULU</b>	<b>5</b>	<b>139</b>	<b>5</b>	<b>137</b>	<b>305</b>
Miri	10	176	3	170	310
Marudi	2	27	1	43	81
<b>MIRI</b>	<b>12</b>	<b>203</b>	<b>4</b>	<b>213</b>	<b>391</b>
Limbang	1	28	0	29	52
Lawas	1	20	0	14	22
<b>LIMBANG</b>	<b>2</b>	<b>48</b>	<b>0</b>	<b>43</b>	<b>74</b>
<b>Sarawak</b>	<b>57</b>	<b>1203</b>	<b>41</b>	<b>1205</b>	<b>2430</b>

EW = Epid. Week; Cum. = Cumulative figure

### 7.2 Notified Leprosy cases for Epid. Week 28, 2013 compared to Epid. Week 28,2012 and cumulative cases until Epid.Week 28, 2013.

District / Division	2013		2012		
	EW (28)	Cum.	EW (28)	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	1	0
Serian	0	0	0	0	1
<b>SAMARAHAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
Sri Aman	0	0	0	2	1
Lubok Antu	0	0	0	0	0
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</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	1	0
Julau	0	0	0	0	2
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>
Daro	0	0	0	0	1
Matu	0	1	0	0	0
Dalat	0	0	0	0	0
Mukah	0	1	0	5	5
<b>MUKAH</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>6</b>
Sibu	0	0	0	2	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>2</b>	<b>5</b>
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	4	0	2	4
<b>KAPIT</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>4</b>
Tatau	0	0	0	0	0
Bintulu	0	4	0	3	2
<b>BINTULU</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>2</b>
Miri	0	1	0	2	9
Marudi	1	11	0	2	11
<b>MIRI</b>	<b>1</b>	<b>12</b>	<b>0</b>	<b>4</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>1</b>	<b>22</b>	<b>0</b>	<b>20</b>	<b>44</b>

### 7.3 Notified Tuberculosis (all forms) Case Classification as on 13<sup>th</sup> July, 2013

District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW (28)	EW (28)	EW (28)	EW (28)	EW (28)	EW (28)
Lundu	0	3	0	4	0	9
Bau	2	23	0	3	0	5
Kuching	4	152	3	88	2	29
<b>KUCHING</b>	<b>6</b>	<b>178</b>	<b>3</b>	<b>95</b>	<b>2</b>	<b>43</b>
Samarahan	4	23	1	14	0	4
Asajaya	1	13	0	2	1	1
Simunjan	1	21	0	1	0	2
Serian	0	12	0	13	0	1
<b>SAMARAHAN</b>	<b>6</b>	<b>69</b>	<b>1</b>	<b>30</b>	<b>1</b>	<b>8</b>
Sri Aman	0	18	0	7	0	1
Lubok Antu	2	9	1	3	1	3
<b>SRI AMAN</b>	<b>2</b>	<b>27</b>	<b>1</b>	<b>10</b>	<b>1</b>	<b>4</b>
Betong	0	27	0	3	0	5
Saratok	1	13	0	11	0	3
<b>BETONG</b>	<b>1</b>	<b>40</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>8</b>
Sarikei	0	5	1	9	0	5
Meradong	0	6	0	2	0	2
Pakan	0	6	0	5	0	4
Julau	0	3	0	4	0	2
<b>SARIKEI</b>	<b>0</b>	<b>20</b>	<b>1</b>	<b>20</b>	<b>0</b>	<b>13</b>
Daro	1	4	0	3	0	0
Matu	1	2	0	1	0	0
Dalat	0	2	0	0	0	0
Mukah	1	16	0	6	0	0
<b>MUKAH</b>	<b>3</b>	<b>24</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>
Sibu	4	75	1	20	1	18
Kanowit	0	13	0	2	0	6
Selangau	0	7	0	3	0	2
<b>SIBU</b>	<b>4</b>	<b>95</b>	<b>1</b>	<b>25</b>	<b>1</b>	<b>26</b>
Song	0	6	0	4	0	0
Kapit	1	18	0	7	0	2
Belaga	1	9	2	5	0	3
<b>KAPIT</b>	<b>2</b>	<b>33</b>	<b>2</b>	<b>16</b>	<b>0</b>	<b>5</b>
Tatau	0	3	1	16	0	1
Bintulu	3	64	1	40	0	15
<b>BINTULU</b>	<b>3</b>	<b>67</b>	<b>2</b>	<b>56</b>	<b>0</b>	<b>16</b>
Miri	6	125	2	24	2	26
Marudi	1	18	1	6	0	3
<b>MIRI</b>	<b>7</b>	<b>143</b>	<b>3</b>	<b>30</b>	<b>2</b>	<b>29</b>
Limbang	1	24	0	0	0	4
Lawas	1	17	0	0	0	3
<b>LIMBANG</b>	<b>2</b>	<b>41</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>
<b>Sarawak</b>	<b>36</b>	<b>737</b>	<b>14</b>	<b>306</b>	<b>7</b>	<b>159</b>

EW = Epid. Week; Cum. = Cumulative figure

### 7.3 Notified Tuberculosis (all forms) Patient Classification as on 13<sup>th</sup> July, 2013

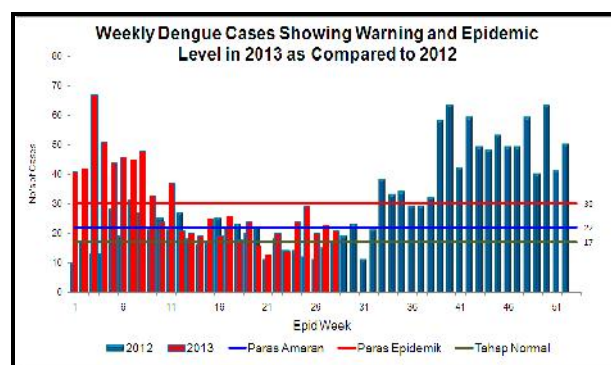
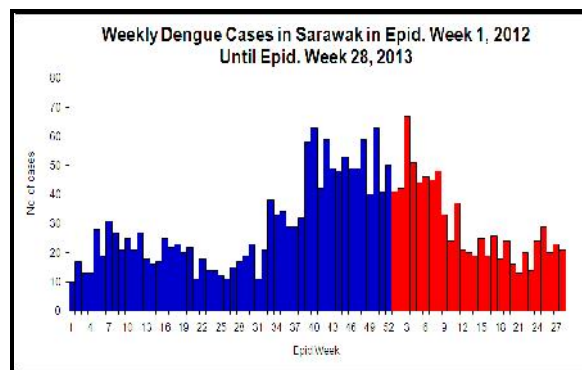
District / Division	Children (<15yrs)		Health care worker				PUSPEN/Prison		Foreigner		TB/HIV		Pusat jagaan	
	EW (28)	Cum.	*Exposed	*Not exposed	*Exposed	*Not exposed	EW (28)	Cum.	EW (28)	Cum.	EW (28)	Cum.	EW (28)	Cum.
			EW (28)	Cum.	EW (28)	Cum.								
Lundu		0		0		0		0		1		0		0
Bau		3		0		0		0		1		0		0
Kuching		3		7		7		0		6		7		0
<b>KUCHING</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>
Samarahan		0		1		1		0		1		0		0
Asajaya		0		0		0		0		2		0		0
Simunjan		0		0		0		0		0		0		0
Serian	1	2		0		0		0		1		0		0
<b>SAMARAHAN</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Sri Aman		1		0		0		0		0		0		0
Lubok Antu		0		0		0		0		0		0		0
<b>SRI AMAN</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Betong		0		0		0		0		3		0		0
Saratok		1		0		0		0		0		0		0
<b>BETONG</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Sarikei		1		0		0		0		0		0		0
Meradong		0		0		0		0		1		0		0
Pakan		0		0		0		0		0		0		0
Julau		0		0		0		0		0		1		0
<b>SARIKEI</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
Daro		0		0		0		0		2		0		0
Matu		0		0		0		0	1	1		0		0
Dalat		0		0		0		0		0		0		0
Mukah		0		0		0		0		1		0		0
<b>MUKAH</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Sibu		3		4		4		0		2		1		0
Kanowit		2		0		0		0		0		1		0
Selangau		1		0		0		0		0		0		0
<b>SIBU</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>
Song		1		0		0		0		0		0		0
<b>Kapit</b>		<b>3</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>1</b>		<b>0</b>		<b>0</b>
Belaga	2	6		0		0		0		5		1		0
<b>KAPIT</b>	<b>2</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
Tatau		5		0		0		0		1		0		0
Bintulu	1	8		0		0		0		31		5		0
<b>BINTULU</b>	<b>1</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>
Miri		9		1		1		2	1	28		2		0
Marudi	1	2		0		0		0		3		0		0
<b>MIRI</b>	<b>1</b>	<b>11</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>31</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>
Limbang		0		0		0		0		5		0		0
Lawas		0		0		0		0		5		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>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Sarawak</b>	<b>5</b>	<b>51</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>100</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>0</b>



## 8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

### 8.1. Notified Dengue cases for Epid. Week 28, 2013 compared to Epid. Week 28, 2012 and cumulative cases until Epid. Week 28, 2013.

District	2013		2012	
	EW 28	Cum.	EW 28	Cum.
Lundu	0	4	1	6
Bau	0	4	0	13
Kuching	3	89	1	79
Samarahan	0	10	2	27
Asajaya	1	3	0	3
Serian	0	14	0	8
Simunjan	1	7	1	10
Sri Aman	0	33	0	21
Lubok Antu	0	20	0	8
Betong	1	36	1	26
Saratok	1	29	0	15
Sarikei	0	50	1	19
Meradong	0	13	0	11
Pakan	1	32	2	17
Julau	0	8	0	4
Daro	0	1	0	2
Matu	0	2	0	0
Dalat	0	0	0	6
Mukah	0	4	0	4
Sibu	2	112	1	28
Kanowit	0	17	0	5
Selangau	0	11	0	4
Song	0	17	0	7
Kapit	1	48	0	26
Belaga	1	23	1	8
Tatau	1	9	0	20
Bintulu	1	66	1	31
Miri	7	71	5	79
Marudi	0	16	0	22
Limbang	0	7	0	9
Lawas	0	75	0	9
<b>Sarawak</b>	<b>21</b>	<b>830</b>	<b>17</b>	<b>527</b>

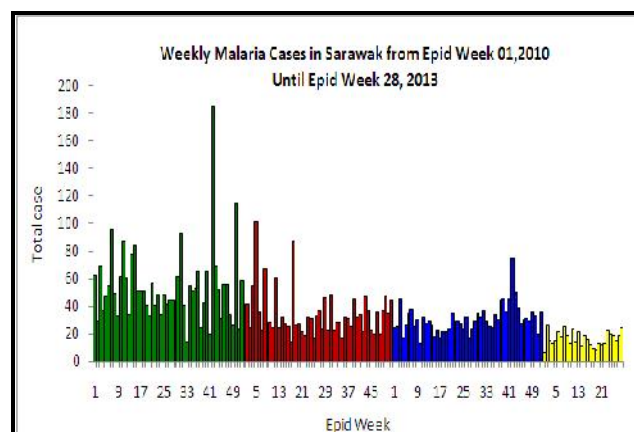


In 2013, a total of 21 dengue cases were reported for Week 28 (13 July, 2013) as compared to 17 cases during the same period in 2012. There was a decrease of 2 cases from the previous week (Week 27, 2013). There is 1 new outbreak localities reported from Miri district. Total active outbreak reported for this week was 3 localities, each from Miri district (2) and Sarikei district (1).

EW = Epid. Week; Cum. = Cumulative figure

**8.2. Notified Malaria cases for Epid. Week 28, 2013 compared to Epid.Week 28, 2012 and cumulative cases until Epid.Week 28 , in 2013.**

District	2013		2012	
	EW 28	Cum.	EW 28	Cum.
Lundu	0	4	0	9
Bau	0	0	0	0
Kuching	0	11	0	14
Samarahan	0	1	0	3
Asajaya	0	0	0	0
Serian	0	1	0	3
Simunjan	0	3	0	2
Sri Aman	0	4	0	8
Lubok Antu	0	9	0	19
Betong	1	15	2	30
Saratok	0	17	0	12
Sarikei	0	4	0	11
Meradong	0	2	0	2
Pakan	0	15	0	28
Julau	0	21	2	37
Daro	0	1	0	3
Matu	0	0	0	1
Dalat	0	1	0	3
Mukah	0	2	0	2
Sibu	2	21	2	41
Kanowit	0	18	2	34
Selangau	0	7	0	14
Song	8	44	0	40
Kapit	7	84	5	103
Belaqa	0	64	0	42
Tatau	0	5	1	12
Bintulu	0	26	0	12
Miri	0	10	0	18
Marudi	3	40	7	164
Limbang	0	5	1	15
Lawas	3	26	1	38
Sarawak	24	461	23	720



A total of 24 cases were reported on week 28, 2013. Cumulative cases till week 28 were 461 cases. Of the 24 cases, 8 cases (33.3%) from Song District, 7 cases (29.2%) from Kapit, 3 cases (12.5%) from Marudi and Lawas District, 2 cases from Sibu District. Other cases (4.2%) 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 species and case classification

Species	Local *	Imported	WK 28	EW 1-28
<i>Plasmodium vivax</i>	1	2	3	143
<i>Plasmodium falciparum</i>	0	2	2	23
<i>Plasmodium malariae</i>	0	0	0	5
<i>Plasmodium knowlesi</i>	19	0	19	285
<i>Plasmodium ovale</i>	0	0	0	4
<i>Mixed infection</i>	0	0	0	1
<b>Total</b>	<b>20</b>	<b>4</b>	<b>24</b>	<b>461</b>

\*Local = Indigenous, Relapsed, Introduce

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

District	Nationality	Place of Infection	Cases	Gender	Age
Sibu	Malaysian	Kkb Simbt Company, Afrika.	<i>P. Falciparum</i>	Male	40
Kapit	Malaysian	Kkb Manderia Forestry, Liberia.	<i>P. Falciparum</i>	Male	48
Marudi	Malaysian	New Jeja, Solomon Island.	<i>P. Vivax</i>	Male	45
Sibu	Malaysian	Sambling Company, Myanmar	<i>P. Vivax</i>	Male	47
Sibu	Malaysian	Kkb Simbt Company, Afrika.	<i>P. Falciparum</i>	Male	40
Kapit	Malaysian	Kkb Manderia Forestry, Liberia.	<i>P. Falciparum</i>	Male	48

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

### 8.4. Chikungunya

There is no new case reported in week 28/2013 and during the same period in 2012. The cumulative number of case in 2013 is 1.

### 8.4. Filariasis

There is no new case reported in week 28/2013 and during the same period in 2012. The cumulative numbers of cases for 2013 were 20.

### 8.5 Japanese Encephalitis (JE)

There is no new case reported in week 28/2013 and during the same period in 2012. The cumulative numbers of cases in 2013 were four (4).

## 9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

### 9.1. Viral Encephalitis

No case reported in week 28. As at EW 28, 3 cases of viral encephalitis were reported in Bau, Lundu and Sri Aman.

### 9.2. Viral Hepatitis (all form)

No	Type of Viral Hepatitis	Epid Week 26	Cum. 2013
1	Hepatitis A	0	1
2	Acute Hepatitis B	0	4
3	Chronic Hepatitis B	0	55
4	Acute Hepatitis C	0	4
5	Chronic Hepatitis C	0	30

### 9.3 Hepatitis B (Vertical Transmission)

No	District	Number of cases
1	Lundu	1
2	Marudi	1
3	Limbang	2

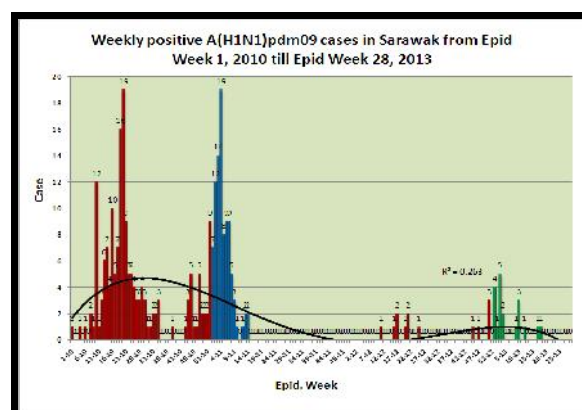
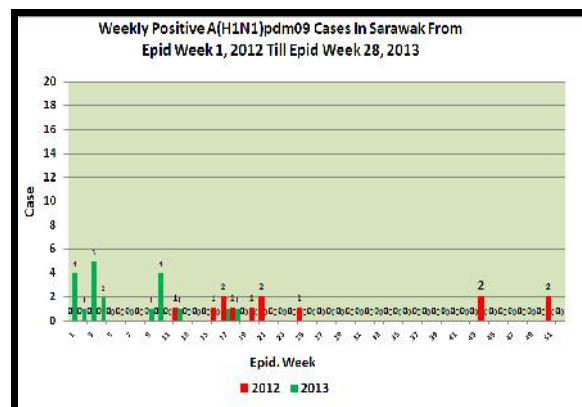
## 10. EMERGING/RE-EMERGING INFECTIOUS AND ZONOTIC DISEASES

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

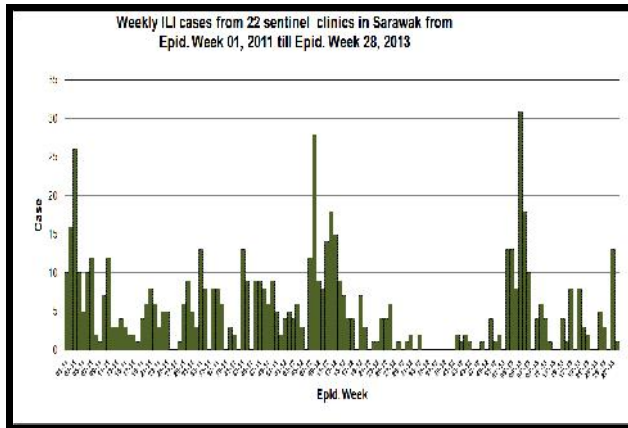
10.1.1 Positive Pandemic Influenza A/H1N1<sub>pdm09</sub> as for Epid. Week 28, 2013 compared to Epid.Week28,2012 and cumulative cases in Epid.Week 28, in 2013.

District	2013		2012		Total
	EW 28	Cum.	EW 28	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	14	0	5	5
Samarahan	0	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	2	2
Tatau	0	0	0	1	1
Bintulu	0	0	0	5	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>20</b>	<b>0</b>	<b>13</b>	<b>13</b>

EW = Epid. Week; Cum. = cumulative figure

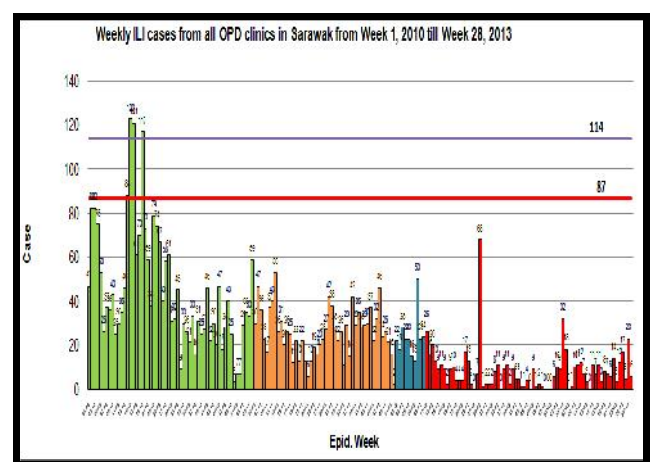
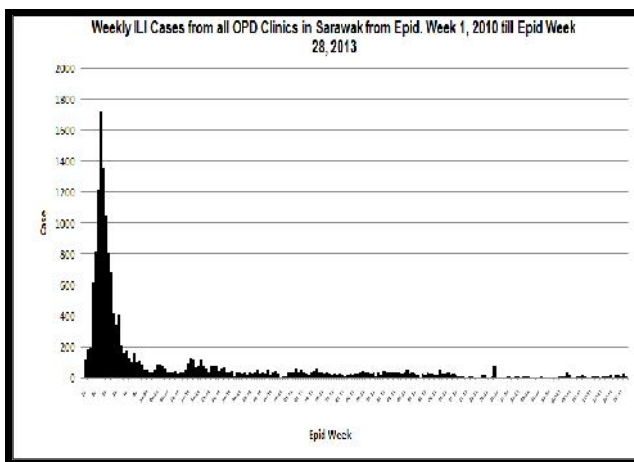


### 10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2011 till Epid.Week 28, in 2013.



A total of 6 cases of ILI reported in week 28

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).

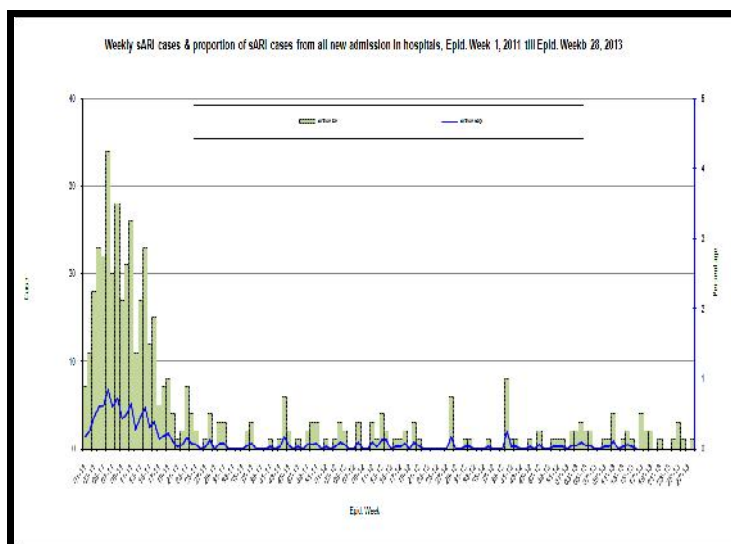


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 13<sup>th</sup>, July, 2013.

No ILI cluster reported in week 28. One sARI case reported in week 28.

### 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 13<sup>th</sup> July, 2013.

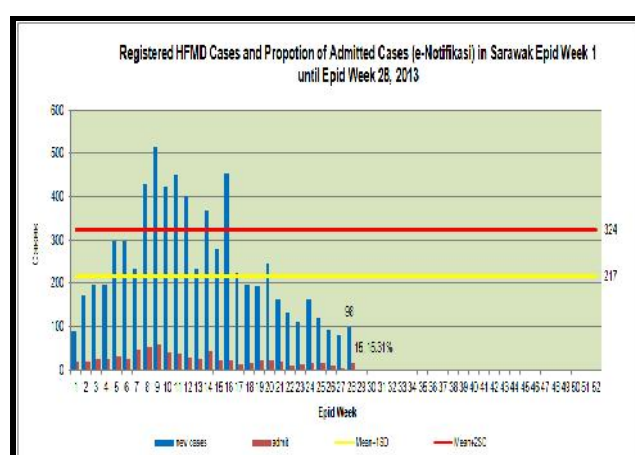
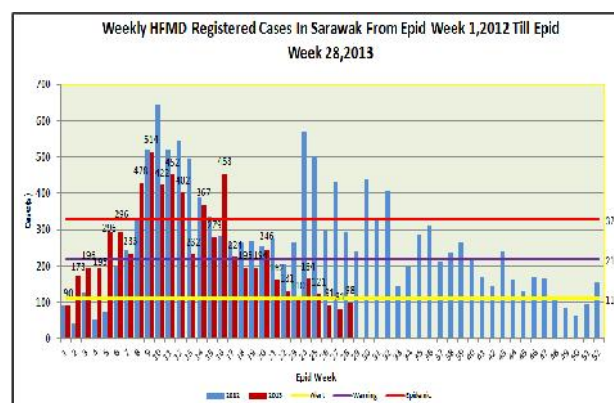
Division	Hospital	New EW 28	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	1	47	0	0	0	0	0	0	1
	Bau	0	0	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
	Sentosa	0	0	0	0	0	0	0	0	0
Samarahan	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	6	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	56	0	0	0	0	0	0	1

EW = Epid. Week; Cum. = Cumulative figure



## 10.2. Registered HFMD cases ( based on e-Notifikasi ) for Epid.Week 28, 2013 compared to Epid.Week28,2012 and cumulative cases until Epid.Week 28,2013.

District / Division	2013		2012		Total
	EW 28	Cum.	EW 28	Cum.	
Lundu	1	116	1	208	257
Bau	4	155	4	279	396
Kuching	28	1354	100	2655	3919
<b>KUCHING</b>	<b>33</b>	<b>1625</b>	<b>105</b>	<b>3142</b>	<b>4572</b>
Samarahan	2	179	15	513	670
Asajaya	1	24	2	65	97
Simunjan	0	71	9	146	220
Serian	1	238	25	528	742
<b>SAMARAHAN</b>	<b>4</b>	<b>512</b>	<b>51</b>	<b>1252</b>	<b>1729</b>
Sri Aman	1	186	13	352	485
Lubok Antu	1	30	1	52	77
<b>SRI AMAN</b>	<b>2</b>	<b>216</b>	<b>14</b>	<b>404</b>	<b>562</b>
Betong	0	65	0	250	385
Saratok	2	139	4	150	280
<b>BETONG</b>	<b>2</b>	<b>204</b>	<b>4</b>	<b>400</b>	<b>665</b>
Sarikei	0	236	12	289	480
Meradong	0	104	0	60	194
Pakan	0	58	2	69	91
Julau	0	78	1	104	131
<b>SARIKEI</b>	<b>0</b>	<b>476</b>	<b>15</b>	<b>522</b>	<b>896</b>
Daro	0	88	0	79	129
Matu	0	37	0	29	68
Dalat	0	95	5	76	113
Mukah	1	89	1	113	162
<b>MUKAH</b>	<b>1</b>	<b>309</b>	<b>6</b>	<b>297</b>	<b>472</b>
Sibu	9	802	53	480	936
Kanowit	0	86	2	26	46
Selangau	1	61	0	24	43
<b>SIBU</b>	<b>10</b>	<b>949</b>	<b>55</b>	<b>530</b>	<b>1023</b>
Song	0	46	0	33	62
Kapit	1	160	0	98	419
Belaga	0	93	2	35	124
<b>KAPIT</b>	<b>1</b>	<b>299</b>	<b>2</b>	<b>166</b>	<b>605</b>
Tatau	0	16	0	66	98
Bintulu	3	328	1	671	913
<b>BINTULU</b>	<b>3</b>	<b>344</b>	<b>1</b>	<b>787</b>	<b>1011</b>
Miri	20	1481	25	702	1195
Marudi	0	91	0	40	121
<b>MIRI</b>	<b>20</b>	<b>1572</b>	<b>25</b>	<b>742</b>	<b>1316</b>
Limbang	13	232	0	121	104
Lawas	9	80	6	334	453
<b>LIMBANG</b>	<b>22</b>	<b>312</b>	<b>6</b>	<b>455</b>	<b>557</b>
<b>SARAWAK</b>	<b>98</b>	<b>6818</b>	<b>284</b>	<b>8647</b>	<b>13410</b>



EW = Epid. Week; Cum. = Cumulative figure

### 10.2.2.HFMD Clusters and closure

#### Cluster and Closure by Division

District	Category Of HFMD Cluster, Epid Week 28, 2013				Total	New Closure
	Family	Child Care Centre	Pre School	School		
Bau	1	0	0	0	1	0
Kuching	0	0	1	0	1	0
Samarahan	1	0	0	0	1	0
Sibu	1	0	0	0	1	0
Limbang	2	0	0	0	2	0
<b>Sarawak</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>0</b>

**10.3. Notified Leptospirosis cases for Epid. Week 28, 2013 compared to Epid.Week28, 2012 and cumulative cases until Epid.Week 28, in 2013.**

District / Division	Case classification				Total	Total					
	Confirmed		Probable			2013	2012	2011			
	EW (28) 2013	EW (28) 2012	EW (28) 2013	EW (28) 2012							
Lundu	0	0	0	0	0	4	(1)	4		6	
Dau	0	0	0	0	0	3	(1)	9	(2)	5	(1)
Kuching	0	0	4	0	4	23	(1)	76	(2)	40	(2)
KUCHING	0	0	4	0	4	30		87	(4)	51	(3)
Samarahan	0	0	0	0	0	8		12		3	
Asajaya	0	0	0	0	0	0		0		3	
Simunjan	0	0	0	0	0	0		4		8	(1)
Serian	0	0	0	0	0	4	(1)	4		10	(2)
SAMARAHAN	0	0	0	0	0	12		20		24	(3)
Sri Aman	0	0	1	0	1	12		14		14	(2)
Lubok Antu	0	0	2	0	2	6		15		11	
SRI AMAN	0	0	3	0	3	18		29		25	(2)
Betong	0	0	1	0	1	2		8		5	(1)
Saratok	0	0	0	0	0	6		4		6	(1)
BETONG	0	0	1	0	1	8		12		11	(2)
Sarikei	0	0	4	0	4	9		6	(1)	1	
Meradong	0	0	1	0	1	5		2		24	
Pakan	0	0	10	0	10	15	(1)	4	(1)	3	
Julau	0	0	1	0	1	2	(1)	1		0	
SARIKEI	0	0	16	0	16	31		13	(2)	28	
Daru	0	0	0	0	0	1		1	(1)	1	(1)
Matu	1	0	0	0	1	1		0		0	
Dalat	0	0	0	0	0	1		0		0	
Mukah	0	0	0	0	0	2	(1)	0		3	
MUKAH	1	0	0	0	1	5		1		4	(1)
Sibu	0	0	0	0	0	5	(1)	2		2	
Kanowit	0	0	0	0	0	5		6	(1)	4	
Selangau	0	0	0	0	0	0		2		3	
SIBU	0	0	0	0	0	10		10	(1)	9	
Sung	0	0	0	0	0	0		1		1	
Kapit	0	0	0	0	0	5		50		12	
Belaga	0	0	0	0	0	13		4	(1)	7	(1)
KAPIT	0	0	0	0	0	18		55		20	(1)
Tatau	0	0	0	0	0	7		2		1	
Bintulu	0	0	2	0	2	32	(1)	7		10	(2)
BINTULU	0	0	2	0	2	40		9		11	(2)
Miri	0	0	1	0	1	32	(2)	10		16	(1)
Marudi	0	0	0	0	0	1		2		2	
MIRI	0	0	1	0	1	33		12		18	(1)
Limbang	0	0	0	0	0	5		21	(1)	2	(1)
Lawas	0	0	1	0	1	1		0		0	
LIMBANG	0	0	1	0	1	6		21	(1)	2	(1)
SARAWAK	1	0	28	0	29	211	(11)	271	(10)	203	(16)

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. 33/201**

### 10.3.1 Locality of Leptospirosis Cluster in Sarawak until Epid. Week 28, 2013

No.	District	Locality	Number of Cases	Outbreak Declared
1	Song	Kpg Mission, Song	2	
2	Bintulu	Syarikat Hiap Seng Eng Sdn. Bhd.	2	
3	Seratok	Rh Belayong, Ulu Roban, Seratok	3	

### 10.3.2 Summary of Leptospirosis death in Sarawak, as at Epid.week 28, 2013.

No.	# District	° Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
1	Serian	SGH	37	Bidayuh	Female	01-01-2013	Acute renal failure secondary to thrombotic thrombocytopenia purpura	Housewife/Farmer
2	Bintulu	Hospital Bintulu	31	Iban	Female	18-01-2013	multiorgan failure secondary to dengue shock syndrome.	Labourer
3	Pakan	Hospital Sarikei	50	Iban	Male	04-03-2013	Severe sepsis with multiorgan failure	Not working
4	Mukah	Hospital Sibu	40	Indon	Male	16-02-2013	Acute kidney injury	Labourer
5	Miri	Hospital Miri	34	Kenyah	Male	09-01-2013	Severe sepsis with multiorgan failure secondary to leptospirosis	Welder
6	Miri	Hospital Miri	55	Kedayan	Female	06-02-2013	Meningoencephalitis, associated multiorgan failure	Housewife
7	Bau	SGH	73	Bidayuh	Male	18-04-2013	Cardiac arrest	Not working
8	Sibu	Hospital Sibu	12	Malay	Male	29-03-2013	Hepatorenal failure	Student
9	Lundu	SGH	15	Bidayuh	Female	26-04-2013	Multiorgan failure acute	Student
10	Julau	Hospital Sarikei	54	Iban	Female	17-06-2013	Staphylococcal septicaemia with false-positive leptospirosis screening test, complicated by hemorrhoidal haemorrhage in a patient on chronic hemodialysis	Support Staff
11	Kuching	SGH	47	Malay	Male	27-06-2013	Sepsis multiorgan failure	Engineer



**10.4. Notified Melioidosis cases for Epid. Week 27, 2013 compared to Epid. Week 27,2012 and cumulative cases until Epid.Week 27, 2013**

District / Division	Case classification				Total EW (28) 2013	Total				
	Confirmed		Probable			2013	2012	2011		
	EW (28) 2013	EW (28) 2012	EW (28) 2013	EW (28) 2012						
Lundu	0	0	0	0	0	0		0		0
Bau	0	0	0	0	0	0		1		1
Kuching	0	0	0	0	0	2		3		4
KUCHING	0	0	0	0	0	2		4		5
Samarahan	0	0	0	0	0	0		1		0
Asajaya	0	0	0	0	0	0		0		0
Simunjan	0	0	0	0	0	0		0		0
Serlan	0	0	0	0	0	0		0		2 (1)
SAMARAHAN	0	0	0	0	0	0		1		2
Sri Aman	0	0	0	0	0	0		0		3
Lubok Antu	0	0	0	0	0	0		1		1
SRI AMAN	0	0	0	0	0	0		1		4
Betong	0	0	0	0	0	0		0		0
Saratok	0	0	0	0	0	0		0		0
BETONG	0	0	0	0	0	0		0		0
Sarikei	0	0	0	0	0	0		0		0
Meradong	0	0	0	0	0	0		0		0
Pakan	0	0	0	0	0	0		1		0
Julau	0	0	0	0	0	0		0		0
SARIKEI	0	0	0	0	0	0		1		0
Daro	0	0	0	0	0	0		0		0
Matu	0	0	0	0	0	0		0		0
Dalat	0	0	0	0	0	0		1		0
Mukah	0	0	0	0	0	0		1		2
MUKAH	0	0	0	0	0	0		2		2
Sibu	0	0	0	0	0	0		0		1
Kanowit	0	0	0	0	0	0		0		1
Selangau	0	0	0	0	0	0		1 (1)		4
SIBU	0	0	0	0	0	0		1		6
Song	0	0	0	0	0	0		0		1
Kapit	0	0	0	0	0	3		28		62 (3)
Belaga	0	0	0	0	0	0		0		21 (4)
KAPIT	0	0	0	0	0	3		28		84 (7)
Tatau	0	0	0	0	0	1		0		4 (1)
Bintulu	0	0	0	0	0	7		0		6
BINTULU	0	0	0	0	0	8		0		10 (1)
Miri	0	0	0	0	0	2		2		7 (2)
Marudi	0	0	0	0	0	0		0		1
MIRI	0	0	0	0	0	2		2		8 (2)
Limbang	0	0	0	0	0	0		0		0
Lawas	0	0	0	0	0	0		0		0
LIMBANG	0	0	0	0	0	0		0		0
SARAWAK	0	0	0	0	0	15		40 (1)	121	(11)

Note: ( ) Death; EW = Epid. Week

District indicates source of infection

#### 10.4.1 Melioidosis Death case (Positive) up to week 28, 2013

No.	# District	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
1	Bintulu	Bintulu	45	Melana	Male	01 June 13	Septic shock secondary to urosepsis associated with acute renal failure	Not working
2	Belaga	Bintulu	21	Philippines	Male	06 June 13	Severe septicaemia with multi organ failure	Worker at Bakun
3	Belaga	Bintulu	18	Kayan	Female	10 June 13	Melioidosis with septic shock complicated with ARDS, DVC and multi organ failure	Housewife

\* SGH = Sarawak General Hospital

Note

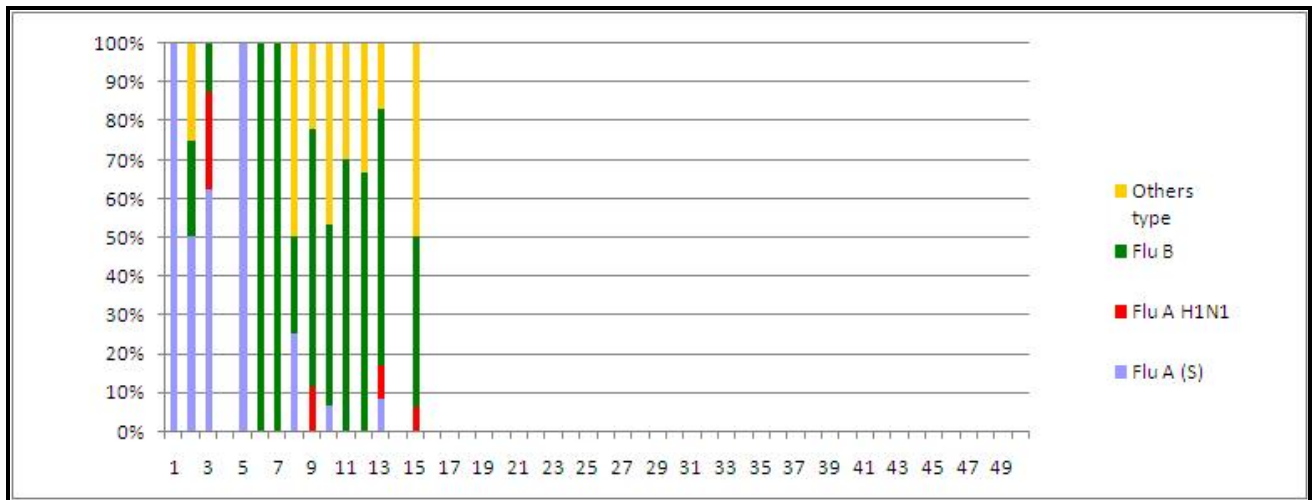
: # District indicate patient's current place of residence or workplace

® Hospital indicate facility where patient admitted



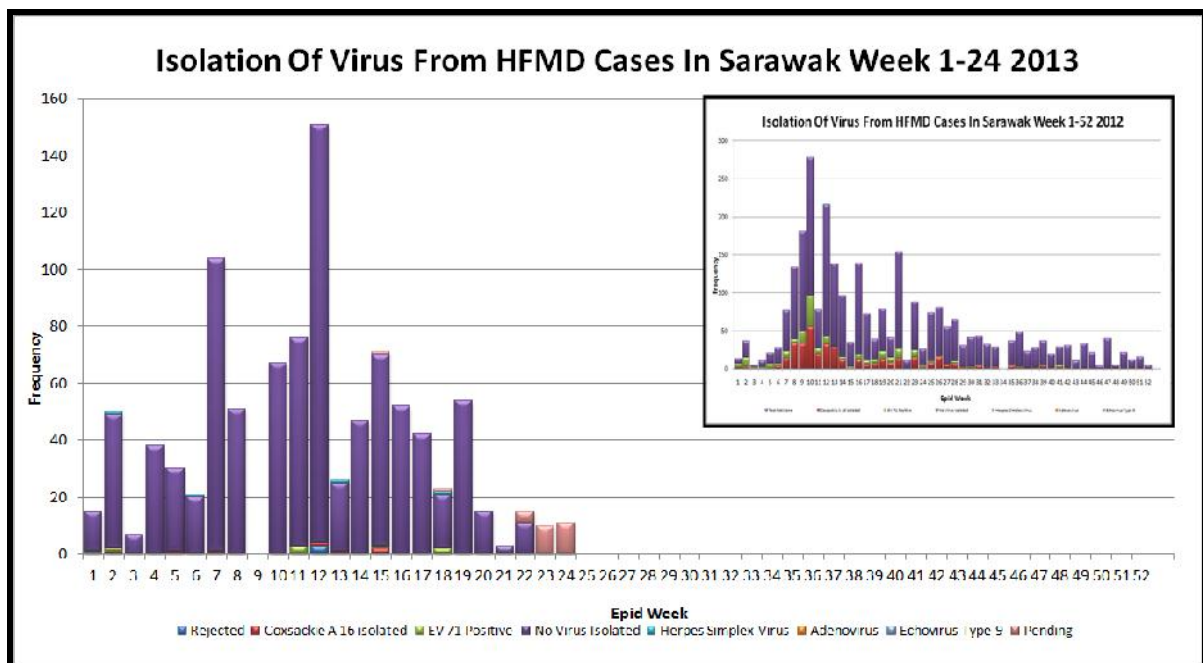
## 11. LABORATORY BASED SURVEILLANCE

### 11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah\*) from Epid Week 1 till Epid Week 15, 2013.

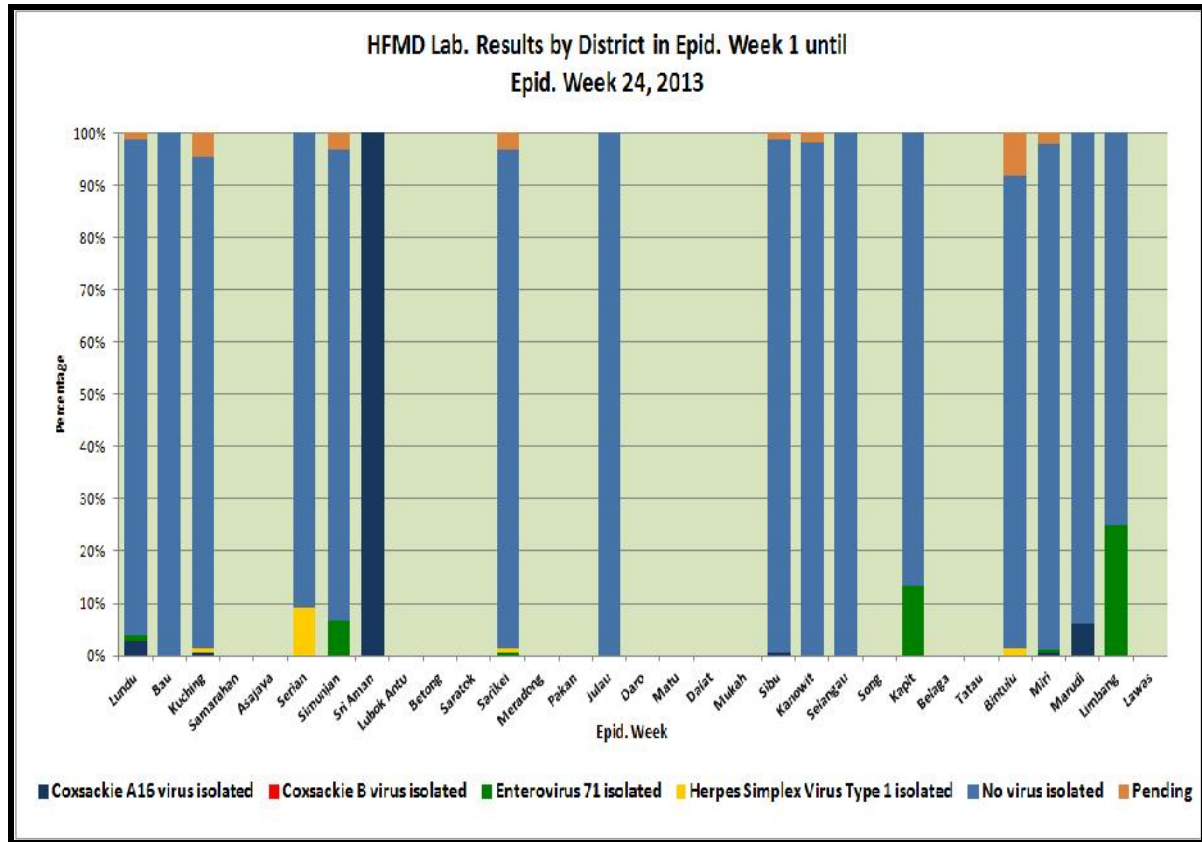


\* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

### 11.3. Laboratory Based Surveillance HFMD, EW 1- EW 24, 2013



As of 26<sup>th</sup> January, 2013, 2816 HFMD 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	druzian@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	<a href="mailto:ivanvun@gmail.com">ivanvun@gmail.com</a>	Tel : 084-796404 Fax : 084-332502 Hp : 013-8155183
11	Pegawai Kesihatan Bahagian Mukah Dr. Hj. Osman Hj. 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



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**SARAWAK**  
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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.