



# SARAWAK

## WEEKLY EPID NEWS

Sarawak Health Department

EPID.WEEK 33

11<sup>th</sup> August- 17<sup>th</sup> August, 2013

### INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

#### Local Update:

#### Global Update:

##### H7N9

Status as on 11<sup>th</sup> August, 2013.

There are a total of 135 laboratory confirmed human cases with avian influenza A(H7N9) virus including 43 fatalities in China.

##### MERS-CoV

Status as on 11<sup>th</sup> August 2013.

Globally, from September 2012 to date, WHO has been informed of a total of 94 laboratory-confirmed cases of infection with MERS-CoV, including 47 deaths.

\*MERS-CoV- Middle East Respiratory Syndrome Coronavirus

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**SARAWAK**  
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

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## 2. NEW OUTBREAKS/CLUSTERS

No	Diseases	Locality	Total cases
1			
2			

## 3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 33, 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					1		1							
Bau											2									1							
Kuching	2/2					4				4	4										4						
Samarahan																											
Asajaya																											
Simunjan																											
Serian						1				1				1						1							
Sri Aman																											
L/ Antu																											
Betong						2							3														
Saratok													1														
Sarikei						4					1				1												
Meradong																					2						
Pakan						1																					
Julau																											
Daro						1																					
Matu																											
Dalat																											
Mukah											2										2						
Sibu	1/1					2				1	3		1								5						
Kanowit						1				1			1														
Selangau											2																
Song													6														
Kapit						1							5														
Belaga									1				1														
Tatau																											
Bintulu						1					2										1						
Miri						2			3	2	28				1												2
Marudi													1														
Limbang						2					8		1														
Lawas	1/0										1								1								
TOTAL (Week33)	4/3					22				9	53		21	1	2				2	1	16						2
Total (2013)	112/63					912	4		724	332	7050	24	655	21	300				142	2	1335			82			263
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

#### 4. SURVEILLANCE REPORT ON FOOD-WATER BORNE DISEASES

##### 4.1. Cumulative cases from Epid Week 1 until Epid Week 33, 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	0	22	0	0
Asajaya	0	0	0	0	27	0	2	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	13	3	0
Sarikei	1	0	0	0	66	0	17	2	0
Maradong	3	2	0	0	0	0	4	0	0
Julau	0	0	0	0	19	0	2	0	0
Pakan	2	0	0	0	4	0	8	3	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	1	1	0
Matu	0	0	0	0	0	0	0	0	0
Sibu	3	2	0	0	24	0	6	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	1	0	0
Song	0	0	0	0	35	0	2	0	0
Bintulu	2	0	1	0	4	0	11	0	0
Tatau	0	0	0	0	0	0	1	0	0
Miri	0	0	0	0	62	0	1	0	0
Marudi	0	0	0	0	9	0	0	0	1
Limbang	1	0	0	0	123	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>685(1)</b>	<b>0</b>	<b>115</b>	<b>9</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 1-33

Diseases	Number of cases		Outbreak	
	EW 32	2013	EW 32	2013
KRM	4*	724	2	50
Tifoid	0	8	0	1
Paratyphoid A,B,C	0	1	0	0
Kolera	0	0	0	0
Dysentry	0	5	0	0
Salmonellosis*	0	4	0	0
Hep. A	0	1	0	0
AGE dan lain-lain				1**
<b>JUMLAH</b>	<b>4</b>	<b>743</b>	<b>3</b>	<b>61</b>

\*Luak Bay, Soon Link Garden ( 2 cases )

\*Kpg Pulau Melayu

\*\*Long Lusong,Belaga

## 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 33, 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	62	0	0	0	24	6	0	9	1	1	13	2
Samarahan	29	0	0	0	19	5	0	5	2	0	6	0
Sri Aman	3	0	0	0	1	0	0	0	0	1	5	2
Betong	29	0	0	0	20	9	0	0	0	2	4	0
Sarikei	34	1	0	0	26	5	1	0	0	1	2	0
Sibu	4	0	0	0	5	0	0	2	0	0	3	0
Kapit	35	0	0	0	31	27	0	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	1	0	1	1	0
Bintulu	13	0	0	0	4	1	1	0	0	2	1	0
Miri	71	1	0	0	50	19	0	1	0	3	14	0
Limbang	20	0	0	0	11	2	0	0	0	1	28	0
Sarawak	300	2	0	0	191	74	2	18	3	12	77	4

Note: S = suspected; C = confirmed

### 5.2. Measles Elimination Programme (MEP) Achievement by Division from Epid. Week 1 until Epid Week 33, 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	62	59	95.16	62	100.00	59	95.16
Samarahan	29	28	96.55	29	100.00	29	100.00
Sri Aman	3	3	100.00	3	100.00	2	66.67
Betong	29	29	100.00	29	100.00	26	89.66
Sarikei	34	30	88.24	34	100.00	32	94.12
Sibu	4	4	100.00	4	100.00	4	100.00
Kapit	35	32	91.43	35	100.00	32	91.43
Mukah	0	0	0	0	0	0	0
Bintulu	13	11	84.62	13	100.00	13	100.00
Miri	71	64	90.14	71	100.00	70	98.59
Limbang	20	20	100.00	20	100.00	20	100.00
Sarawak	300	280	93.33	285	100.00	285	100.00

## 5.4 Acute Flaccid Paralysis (AFP)

### Reported AFP cases in Sarawak, in Epid Week 1-33, 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	1
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	3
Bintulu	75,800	1	1	1	2	0	2
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>7</b>	<b>0</b>	<b>7</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 33, 2013 and cumulative cases from Epid. Week 1, 2013 until Epid Week 32, 2013.

#### HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		2		3	
Kuching	2	38	2	29	
<b>KUCHING</b>	<b>2</b>	<b>40</b>	<b>2</b>	<b>32</b>	
Samarahan		6		5	
Asajaya		1		3	
Simunjan		0		3	
Serian		4	2	4	
<b>SAMARAHAN</b>	<b>0</b>	<b>11</b>	<b>2</b>	<b>15</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		1		2	
Meradong		1		0	
Pakan		2		0	
Julau		1		0	
<b>SARIKEI</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>2</b>	
Daro		1		0	
Matu		2		0	
Dalat		0		0	
Mukah		0		2	
<b>MUKAH</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>2</b>	
Sibu	1	12		10	
Kanowit		3		1	
Selangau		0		0	
<b>SIBU</b>	<b>1</b>	<b>15</b>	<b>0</b>	<b>11</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		14		4	
<b>BINTULU</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>5</b>	
Miri		12		16	
Marudi		0		1	
<b>MIRI</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>17</b>	
Limbang		1		7	
Lawas	1	6		1	
<b>LIMBANG</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>8</b>	
<b>Sarawak</b>	<b>4</b>	<b>112</b>	<b>4</b>	<b>94</b>	

#### AIDS

District / Division	2012		2013		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		1	
Bau		1		1	
Kuching		18	2	24	
<b>KUCHING</b>	<b>0</b>	<b>19</b>	<b>2</b>	<b>26</b>	
Samarahan		3		1	
Asajaya		1		2	
Simunjan		1		0	
Serian	1	4		1	
<b>SAMARAHAN</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>4</b>	
Sri Aman	1	2		0	
Lubok Antu		0		0	
<b>SRI AMAN</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	
Betong		0		1	
Saratok		0		0	
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
Sarikei		2		0	
Meradong		3		1	
Pakan		1		2	
Julau		1		1	
<b>SARIKEI</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>4</b>	
Daro		0		0	
Matu		0		1	
Dalat		0		0	
Mukah		1		0	
<b>MUKAH</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	
Sibu	2	11	1	6	
Kanowit		0		1	
Selangau		0		0	
<b>SIBU</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>7</b>	
Song		1		0	
Kapit		1		0	
Belaga		0		2	
<b>KAPIT</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>	
Tatau		0		1	
Bintulu		2		6	
<b>BINTULU</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>7</b>	
Miri		5		4	
Marudi		1		0	
<b>MIRI</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>4</b>	
Limbang		3		0	
Lawas		1		0	
<b>LIMBANG</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	
<b>Sarawak</b>	<b>4</b>	<b>63</b>	<b>3</b>	<b>56</b>	

EW = Epid. Week; Cum. = Cumulative figure

## 6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 33, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 33, 2013.

### Gonorrhoea

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		3		3	
Bau		2	2	10	
Kuching	4	128		94	
<b>KUCHING</b>	<b>4</b>	<b>133</b>	<b>2</b>	<b>107</b>	
Samarahan		31		13	
Asajaya		12		10	
Simunjan		4	2	9	
Serian	1	9	1	7	
<b>SAMARAHAN</b>	<b>1</b>	<b>56</b>	<b>3</b>	<b>39</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		6		0	
Saratok		3	1	1	
<b>BETONG</b>	<b>0</b>	<b>9</b>	<b>1</b>	<b>1</b>	
Sarikei		10		2	
Meradong		3		2	
Pakan		1		0	
Julau		1		0	
<b>SARIKEI</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>4</b>	
Daro		1		4	
Matu		2		8	
Dalat		0		0	
Mukah		7		3	
<b>MUKAH</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>15</b>	
Sibu	1	50		33	
Kanowit	1	4		0	
Selangau		3		3	
<b>SIBU</b>	<b>2</b>	<b>57</b>	<b>0</b>	<b>36</b>	
Song		0		0	
Kapit		4	2	3	
Belaga		0		0	
<b>KAPIT</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>3</b>	
Tatau		10		0	
Bintulu		20		6	
<b>BINTULU</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>6</b>	
Miri	2	10	4	19	
Marudi		4		3	
<b>MIRI</b>	<b>2</b>	<b>14</b>	<b>4</b>	<b>22</b>	
Limbang		2		3	
Lawas		0		2	
<b>LIMBANG</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>5</b>	
<b>Sarawak</b>	<b>9</b>	<b>332</b>	<b>12</b>	<b>242</b>	

### Syphilis

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu	1	1		3	
Bau		7	2	5	
Kuching		22		54	
<b>KUCHING</b>	<b>1</b>	<b>30</b>	<b>2</b>	<b>61</b>	
Samarahan		10		10	
Asajaya		2		8	
Simunjan		4	2	6	
Serian		3	1	2	
<b>SAMARAHAN</b>	<b>0</b>	<b>19</b>	<b>3</b>	<b>25</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		1		0	
Saratok		1	1	1	
<b>BETONG</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	
Sarikei		3		0	
Meradong		4		2	
Pakan		0		1	
Julau		1		0	
<b>SARIKEI</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>3</b>	
Daro		0		1	
Matu		0		0	
Dalat		2		0	
Mukah		1		2	
<b>MUKAH</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>	
Sibu		30		30	
Kanowit		3		0	
Selangau		2		2	
<b>SIBU</b>	<b>0</b>	<b>35</b>	<b>0</b>	<b>32</b>	
Song		0		0	
Kapit		0	2	5	
Belaga		2		0	
<b>KAPIT</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>4</b>	
Tatau		0		0	
Bintulu		11		7	
<b>BINTULU</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>7</b>	
Miri		6	4	7	
Marudi		8		2	
<b>MIRI</b>	<b>0</b>	<b>14</b>	<b>4</b>	<b>14</b>	
Limbang		1		3	
Lawas	1	9		0	
<b>LIMBANG</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>3</b>	
<b>Sarawak</b>	<b>2</b>	<b>141</b>	<b>12</b>	<b>165</b>	



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

### 7.1 Notified Tuberculosis cases for Epid. Week 33, 2013 compared to Epid. Week 33, 2012 and cumulative cases until Epid.Week 33, 2013.

District / Division	2013		2012		
	EW (33)	Cum.	EW (33)	Cum.	Total
Lundu	1	18	1	19	38
Bau	1	33	0	26	38
Kuching	4	303	4	279	501
<b>KUCHING</b>	<b>6</b>	<b>354</b>	<b>5</b>	<b>324</b>	<b>577</b>
Samarahan	0	43	0	31	44
Asajaya	0	19	0	13	22
Simunjan	0	28	1	30	47
Serian	0	26	1	23	40
<b>SAMARAHAN</b>	<b>0</b>	<b>116</b>	<b>2</b>	<b>97</b>	<b>153</b>
Sri Aman	0	34	0	32	63
Lubok Antu	0	18	1	25	44
<b>SRI AMAN</b>	<b>0</b>	<b>52</b>	<b>1</b>	<b>57</b>	<b>107</b>
Betong	0	38	0	26	52
Saratok	0	27	2	33	59
<b>BETONG</b>	<b>0</b>	<b>65</b>	<b>2</b>	<b>59</b>	<b>111</b>
Sarikei	0	21	3	39	73
Meradong	2	14	1	22	38
Pakan	0	17	2	13	32
Julau	0	9	2	13	20
<b>SARIKEI</b>	<b>2</b>	<b>62</b>	<b>8</b>	<b>87</b>	<b>163</b>
Daro	0	10	1	11	27
Matu	0	4	0	7	10
Dalat	0	2	0	9	13
Mukah	2	25	1	31	64
<b>MUKAH</b>	<b>2</b>	<b>41</b>	<b>2</b>	<b>58</b>	<b>114</b>
Sibu	5	132	7	144	226
Kanowit	0	22	1	23	41
Selangau	0	18	2	34	51
<b>SIBU</b>	<b>5</b>	<b>172</b>	<b>10</b>	<b>201</b>	<b>318</b>
Song	0	10	0	7	10
Kapit	0	34	2	35	60
Belaga	0	17	3	23	47
<b>KAPIT</b>	<b>0</b>	<b>61</b>	<b>5</b>	<b>65</b>	<b>117</b>
Tatau	0	22	0	33	53
Bintulu	1	127	8	134	252
<b>BINTULU</b>	<b>1</b>	<b>149</b>	<b>8</b>	<b>167</b>	<b>305</b>
Miri	0	180	7	191	310
Marudi	0	31	2	48	81
<b>MIRI</b>	<b>0</b>	<b>211</b>	<b>9</b>	<b>239</b>	<b>391</b>
Limbang	0	29	0	32	52
Lawas	0	23	1	16	22
<b>LIMBANG</b>	<b>0</b>	<b>52</b>	<b>1</b>	<b>48</b>	<b>74</b>
<b>Sarawak</b>	<b>16</b>	<b>1335</b>	<b>53</b>	<b>1402</b>	<b>2430</b>

### 7.2 Notified Leprosy cases for Epid. Week 33, 2013 compared to Epid. Week 33, 2012 and cumulative cases until Epid.Week 33, 2013.

District / Division	2013		2012		
	EW (33)	Cum.	EW (33)	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	6	0	3	2
<b>BINTULU</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>2</b>
Miri	0	1	0	2	9
Marudi	0	11	0	2	11
<b>MIRI</b>	<b>0</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>0</b>	<b>24</b>	<b>0</b>	<b>20</b>	<b>44</b>

EW = Epid. Week; Cum. = Cumulative figure

### 7.3 Notified Tuberculosis (all forms) Case Classification as on 10<sup>th</sup> August, 2013

District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW (33)	Cum.	EW (33)	Cum.	EW (33)	Cum.
Lundu	0	3	1	5	0	10
Bau	1	25	0	3	0	5
Kuching	2	172	2	101	0	30
<b>KUCHING</b>	<b>3</b>	<b>200</b>	<b>3</b>	<b>109</b>	<b>0</b>	<b>45</b>
Samarahan	0	25	0	14	0	4
Asajaya	0	16	0	2	0	1
Simunjan	0	23	0	2	0	3
Serian	0	12	0	13	0	1
<b>SAMARAHAN</b>	<b>0</b>	<b>76</b>	<b>0</b>	<b>31</b>	<b>0</b>	<b>9</b>
Sri Aman	0	23	0	8	0	3
Lubok Antu	0	11	0	4	0	3
<b>SRI AMAN</b>	<b>0</b>	<b>34</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>6</b>
Betong	0	30	0	3	0	5
Saratok	0	13	0	11	0	3
<b>BETONG</b>	<b>0</b>	<b>43</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>8</b>
Sarikei	0	6	0	10	0	5
Meradong	1	7	1	6	0	2
Pakan	0	6	0	7	0	4
Julau	0	3	0	4	0	2
<b>SARIKEI</b>	<b>1</b>	<b>22</b>	<b>1</b>	<b>27</b>	<b>0</b>	<b>13</b>
Daro	0	5	0	5	0	0
Matu	0	3	0	1	0	0
Dalat	0	2	0	0	0	0
Mukah	2	19	0	6	0	0
<b>MUKAH</b>	<b>2</b>	<b>29</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>
Sibu	4	87	0	24	1	21
Kanowit	0	14	0	2	0	6
Selangau	0	11	0	3	0	4
<b>SIBU</b>	<b>4</b>	<b>112</b>	<b>0</b>	<b>29</b>	<b>1</b>	<b>31</b>
Song	0	6	0	4	0	0
Kapit	0	25	0	7	0	2
Belaga	0	9	0	5	0	3
<b>KAPIT</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>5</b>
Tatau	0	4	0	17	0	1
Bintulu	1	71	0	41	0	15
<b>BINTULU</b>	<b>1</b>	<b>75</b>	<b>0</b>	<b>58</b>	<b>0</b>	<b>16</b>
Miri	0	128	0	24	0	27
Marudi	0	21	0	6	0	4
<b>MIRI</b>	<b>0</b>	<b>149</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>31</b>
Limbang	0	25	0	0	0	4
Lawas	0	19	0	1	0	3
<b>LIMBANG</b>	<b>0</b>	<b>44</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>7</b>
<b>Sarawak</b>	<b>11</b>	<b>824</b>	<b>4</b>	<b>339</b>	<b>1</b>	<b>171</b>

EW = Epid. Week; Cum. = Cumulative figure

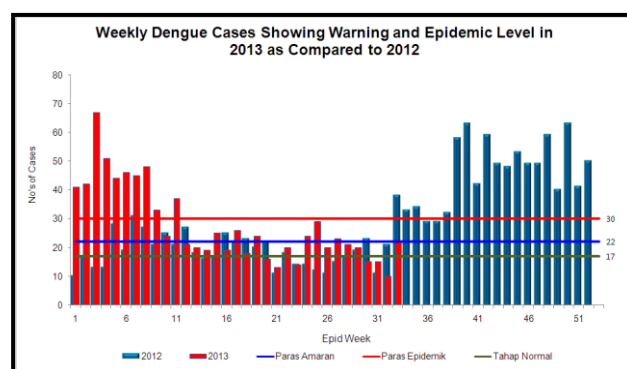
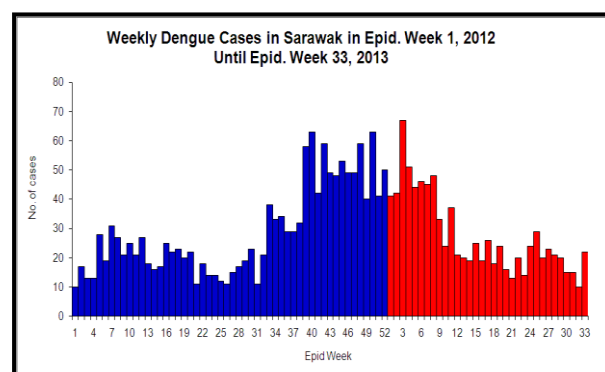
### 7.3 Notified Tuberculosis (all forms) Patient Classification as on 10<sup>th</sup> August, 2013

District / Division	Children (<15yrs)		Health care worker				PUSPEN/Prison		Foreigner		TB/HIV		Pusat jagaan	
	EW (33)	Cum.	*Exposed	*Not exposed	*Exposed	*Not exposed	EW (33)	Cum.	EW (33)	Cum.	EW (33)	Cum.	EW (33)	Cum.
			EW (33)	Cum.	EW (33)	Cum.								
Lundu		0		0		0		0		1		0		0
Bau		3		0		0		0		1		0		0
Kuching		4		7		7		0		7		7		0
<b>KUCHING</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>
Samarahan		0		1		1		0		1		1		0
Asajaya		0		0		0		0		2		0		0
Simunjan		1		0		0		0		0		0		0
Serian		2		0		0		0	0	1		0		0
<b>SAMARAHAN</b>	<b>0</b>	<b>3</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>1</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		1		0		0		0		3		0		0
Saratok		1		0		0		0		0		0		0
<b>BETONG</b>	<b>0</b>	<b>2</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		0		0
Dalat		0		0		0		0		0		0		0
Mukah		0		0		0		0	1	2		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>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Sibu		4		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>7</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
Kapit		3		0		0		0		1		0		0
Belaga		6		0		0		0		5		1		0
<b>KAPIT</b>	<b>0</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		6		0		0		0		1		0		0
Bintulu		8		0		0		0		32		5		0
<b>BINTULU</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>
Miri		9		1		1		2		28		2		0
Marudi		2		0		0		0		3		0		0
<b>MIRI</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</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>0</b>	<b>56</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>103</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>0</b>

## 8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

### 8.1. Notified Dengue cases for Epid. Week 33, 2013 compared to Epid. Week 33, 2012 and cumulative cases until Epid. Week 33, 2013.

District	2013		2012	
	EW 33	Cum.	EW 33	Cum.
Lundu	0	4	1	9
Bau	0	6	2	15
Kuching	4	104	3	92
Samarahan	0	10	0	27
Asajaya	0	3	0	4
Serian	1	16	0	9
Simunjan	0	8	0	11
Sri Aman	0	33	2	23
Lubok Antu	0	20	2	10
Betong	2	42	0	29
Saratok	0	31	0	17
Sarikei	4	55	1	22
Meradong	0	14	2	15
Pakan	1	34	0	21
Julau	0	9	2	15
Daro	1	3	1	4
Matu	0	2	0	0
Dalat	0	0	0	7
Mukah	0	4	0	5
Sibu	2	118	3	32
Kanowit	1	21	0	8
Selangau	0	13	0	4
Song	0	18	0	8
Kapit	1	52	3	34
Belaga	0	26	1	12
Tatau	0	11	0	21
Bintulu	1	72	9	49
Miri	2	80	4	91
Marudi	0	17	0	24
Limbang	2	9	1	10
Lawas	0	77	1	11
Sarawak	22	912	38	639

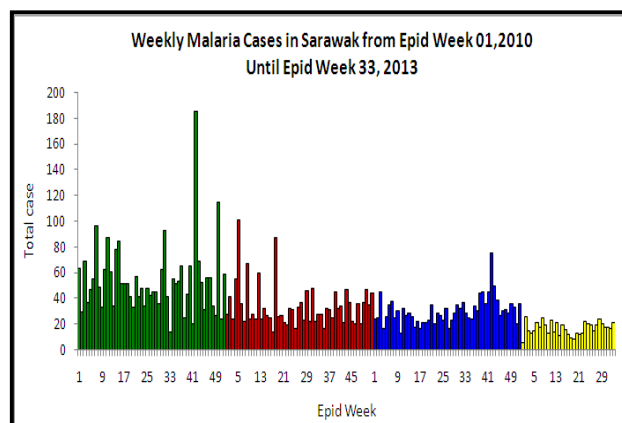


In 2013, a total of 22 dengue cases were reported for Week 33 (17 August, 2013) as compared to 38 cases during the same period in 2012. There was an increase of 12 cases from the previous week (Week 32, 2013). There were 2 new outbreak localities reported, each from Kuching district and Betong district.

EW = Epid. Week; Cum. = Cumulative figure

**8.2. Notified Malaria cases for Epid. Week 33, 2013 compared to Epid.Week 33, 2012 and cumulative cases until Epid.Week 33 , in 2013.**

District	2013		2012	
	EW 33	Cum.	EW 33	Cum.
Lundu	1	5	0	9
Bau	0	0	0	0
Kuching	0	11	0	16
Samarahan	0	2	0	3
Asajaya	0	0	0	0
Serian	0	1	0	4
Simunjan	0	3	0	2
Sri Aman	0	5	0	10
Lubok Antu	0	9	0	21
Betong	3	20	0	32
Saratok	1	21	0	14
Sarikei	0	4	1	15
Meradong	0	2	0	4
Pakan	0	17	0	29
Julau	0	26	2	46
Daro	0	1	1	4
Matu	0	0	0	1
Dalat	0	1	0	3
Mukah	0	2	0	2
Sibu	1	27	2	50
Kanowit	1	28	2	39
Selangau	0	8	1	20
Song	6	54	3	53
Kapit	5	103	2	120
Belaga	1	73	2	80
Tatau	0	6	3	16
Bintulu	0	27	1	20
Miri	0	11	0	20
Marudi	1	52	9	187
Limbang	1	7	0	19
Lawas	0	29	0	44
<b>Sarawak</b>	<b>21</b>	<b>555</b>	<b>29</b>	<b>882</b>



A total of 21 cases were reported on week 33, 2013. Cumulative cases till week 33 were 555 cases. Of the 21 cases, 6 cases (28.6%) from Song District, 5 cases (23.8%) from Kapit District, 3 cases (14.3%) from Betong District. Other cases (33.3%) from 7 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 33	EW 1-33
<i>Plasmodium vivax</i>	1	1	2	155
<i>Plasmodium falciparum</i>	0	0	0	31
<i>Plasmodium malariae</i>	0	0	0	4
<i>Plasmodium knowlesi</i>	19	0	19	337
<i>Plasmodium ovale</i>	0	0	0	6
Mixed infection	0	0	0	1
<b>Total</b>	<b>20</b>	<b>1</b>	<b>21</b>	<b>534</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 Solomon, Bigo Company, Solomon Island	<i>P. Vivax</i>	Male	37

<b>Case Definition Imported A = Source of infection from other country</b>
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### 8.4. Chikungunya

There is no new case reported in week 33/2013 and during the same period in 2012. The cumulative number of case in 2013 is 1.

### 8.4. Filariasis

There were 1 new cases reported in week 33/2013. There is one case was reported during the same period in 2012. The cumulative numbers of cases for 2013 were 23.

### 8.5 Japanese Encephalitis (JE)

There is no new case reported in week 33/2013 and during the same period in 2012. The cumulative numbers of cases in 2013 were 4.

## 9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

### 9.1. Viral Encephalitis

No case reported in week 33. The cumulative number of viral encephalitis remain 3.

### 9.2. Viral Hepatitis (all form)

No	Type of Viral Hepatitis	Epid Week 33	Cum. 2013
1	Hepatitis A	0	1
2	Acute Hepatitis B	0	12
3	Chronic Hepatitis B	0	77
4	Acute Hepatitis C	0	7
5	Chronic Hepatitis C	0	40

### 9.3 Hepatitis B (Vertical Transmission)

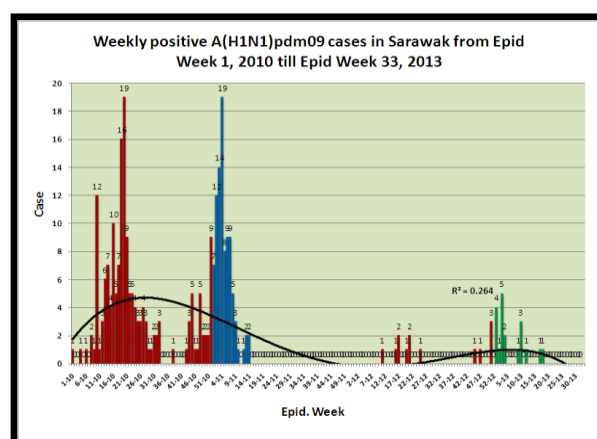
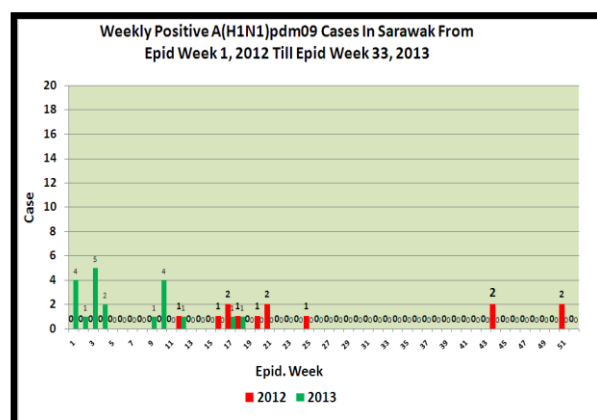
No	District	Number of cases
1	Lundu	1
2	Marudi	1
3	Limbang	2

## 10. EMERGING/RE-EMERGING INFECTIOUS AND 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 33, 2013 compared to Epid.Week33 ,2012 and cumulative cases in Epid.Week 33, in 2013.

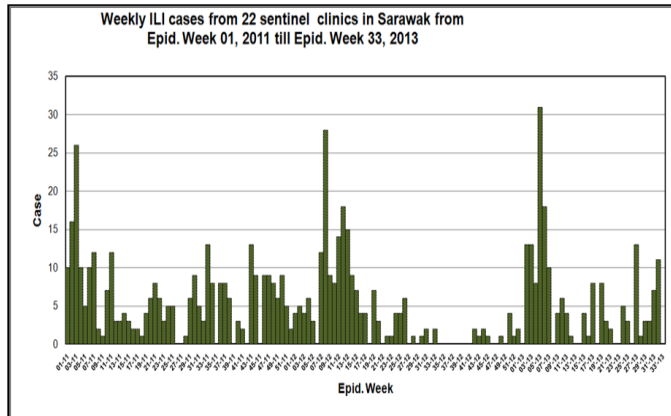
District	2013		2012		Total
	EW 33	Cum.	EW 33	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	14	0	5	5
Samarahan	0	1	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	5	0	0	0
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	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

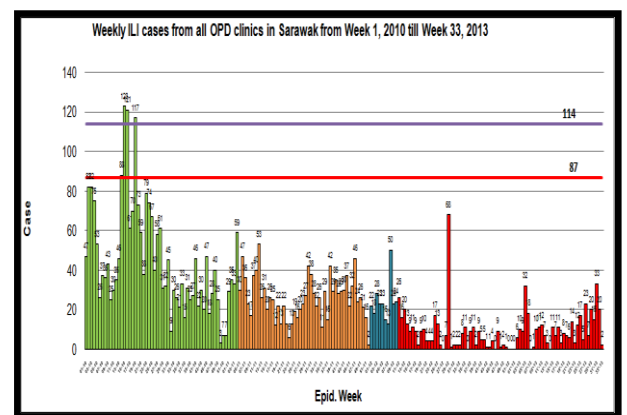
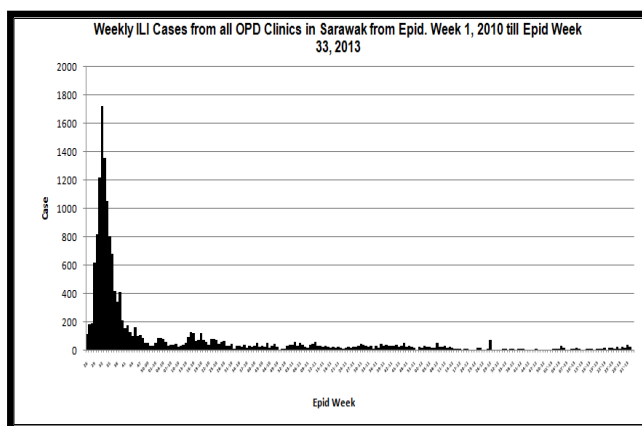


### 10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2011 till Epid.Week 31, in 2013.



2 ILI cases reported in week 33

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).

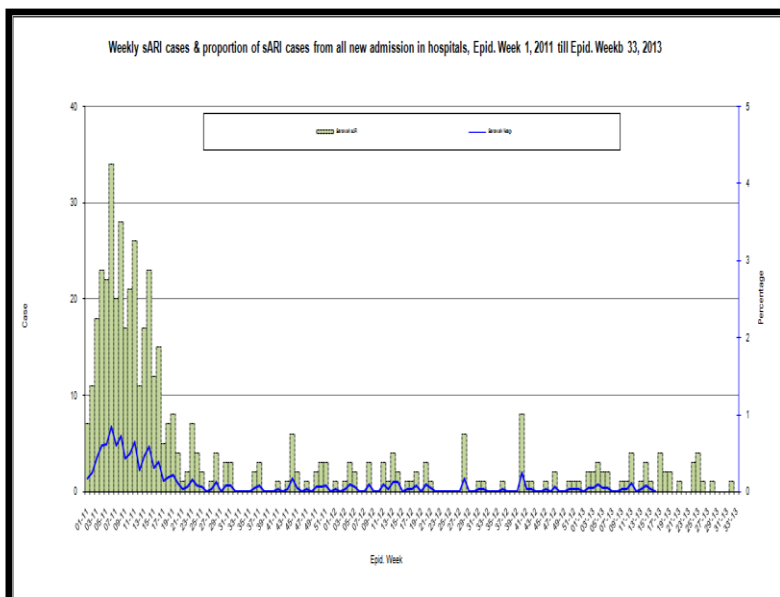


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 17<sup>th</sup>, August, 2013.

No ILI cluster reported in week 33. No sARI case reported in week 33.

### 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)

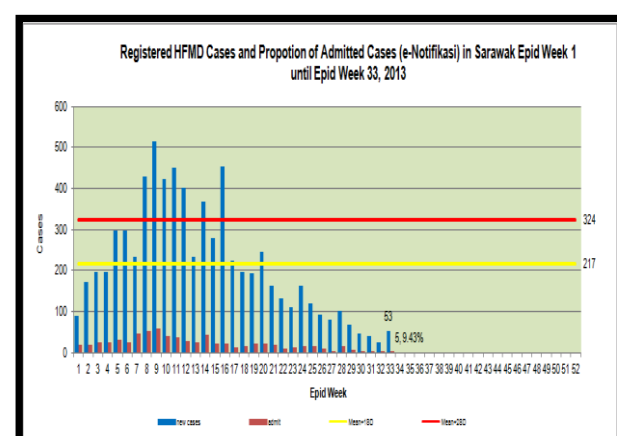
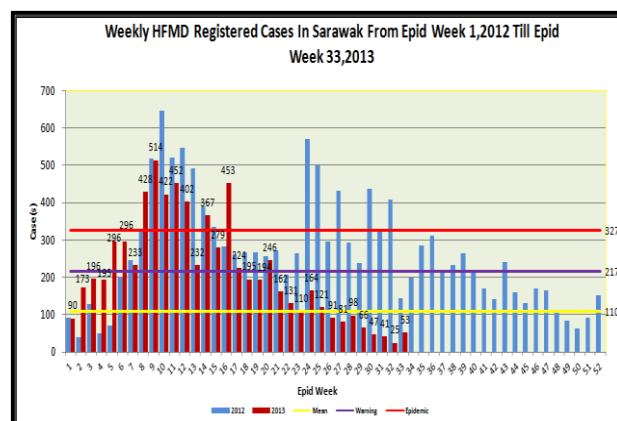
### 10.1.5. Weekly Summary Report on suspected H1N1 in Government Hospitals in Sarawak as on 17<sup>th</sup> August, 2013.

Division	Hospital	New EW 31	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	0	47	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	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		0	56	0	0	0	0	0	0	0

EW = Epid. Week; Cum. = Cumulative figure

## 10.2. Registered HFMD cases ( based on e-Notifikasi ) for Epid.Week 33, 2013 compared to Epid.Week33,2012 and cumulative cases until Epid.Week 33,2013.

District / Division	2013		2012		Total
	EW 33	Cum.	EW 33	Cum.	
Lundu	0	117	2	216	257
Bau	2	161	5	312	396
Kuching	4	1400	30	3013	3919
<b>KUCHING</b>	<b>6</b>	<b>1678</b>	<b>37</b>	<b>3541</b>	<b>4572</b>
Samarahan	0	188	0	595	670
Asajaya	0	24	0	71	97
Simunjan	0	74	0	178	220
Serian	0	240	6	606	742
<b>SAMARAHAN</b>	<b>0</b>	<b>526</b>	<b>6</b>	<b>1450</b>	<b>1729</b>
Sri Aman	0	190	12	414	485
Lubok Antu	0	30	0	80	77
<b>SRI AMAN</b>	<b>0</b>	<b>220</b>	<b>12</b>	<b>494</b>	<b>562</b>
Betong	0	66	4	291	385
Saratok	0	143	8	198	280
<b>BETONG</b>	<b>0</b>	<b>209</b>	<b>12</b>	<b>489</b>	<b>665</b>
Sarikei	1	239	8	439	480
Meradong	0	104	0	144	194
Pakan	0	58	2	75	91
Julau	0	78	0	120	131
<b>SARIKEI</b>	<b>1</b>	<b>479</b>	<b>10</b>	<b>778</b>	<b>896</b>
Daro	0	89	0	96	129
Matu	0	37	0	76	68
Dalat	0	95	0	104	113
Mukah	2	95	0	142	162
<b>MUKAH</b>	<b>2</b>	<b>316</b>	<b>0</b>	<b>418</b>	<b>472</b>
Sibu	3	829	39	652	936
Kanowit	0	89	0	44	46
Selangau	2	66	0	27	43
<b>SIBU</b>	<b>5</b>	<b>984</b>	<b>39</b>	<b>723</b>	<b>1025</b>
Song	0	46	1	35	62
Kapit	0	161	0	374	419
Belaga	0	95	0	89	124
<b>KAPIT</b>	<b>0</b>	<b>302</b>	<b>1</b>	<b>498</b>	<b>605</b>
Tatau	0	16	0	95	98
Bintulu	2	338	3	745	913
<b>BINTULU</b>	<b>2</b>	<b>354</b>	<b>3</b>	<b>840</b>	<b>1011</b>
Miri	28	1535	11	977	1195
Marudi	0	92	0	91	121
<b>MIRI</b>	<b>28</b>	<b>1627</b>	<b>11</b>	<b>1068</b>	<b>1316</b>
Limbang	8	268	0	431	104
Lawas	1	87	13	92	453
<b>LIMBANG</b>	<b>9</b>	<b>355</b>	<b>13</b>	<b>523</b>	<b>557</b>
<b>SARAWAK</b>	<b>53</b>	<b>7050</b>	<b>144</b>	<b>10822</b>	<b>13410</b>



EW = Epid. Week; Cum. = Cumulative figure

### 10.2.2.HFMD Clusters and closure

#### Cluster and Closure by Division

Divisions	Category of HFMD Clusters As of EW33,2013					
	Family	Child Care	Pre School	School	Total	Cum Closure
Kuching	127	2	10	1	140	3
Samarahan	39	1	1	0	41	1
Sri Aman	27	0	3	0	30	3
Betong	20	0	0	0	20	0
Sarikei	59	0	2	1	62	3
Mukah	13	0	2	0	15	0
Sibu	82	1	10	0	93	0
Kapit	11	0	0	1	12	0
Bintulu	14	0	0	0	14	0
Miri	108	0	1	0	109	0
Limbang	39	0	8	2	49	3
<b>SARAWAK</b>	<b>539</b>	<b>4</b>	<b>37</b>	<b>5</b>	<b>585</b>	<b>13</b>

**10.3. Notified Leptospirosis cases for Epid. Week 33, 2013 compared to Epid.Week33, 2012 and cumulative cases until Epid.Week 33, in 2013.**

District / Division	Case classification				Total	Total					
	Confirmed		Probable			2013	2012	2011			
	EW (33) 2013	EW (33) 2012	EW (33) 2013	EW (33) 2012	EW (33) 2013						
Lundu	0	0	0	0	0	4	(1)	4		6	
Bau	0	0	0	0	0	5	(1)	9	(2)	5	(1)
Kuching	0	0	0	1	0	28	(1)	76	(2)	40	(2)
KUCHING	0	0	0	1	0	37		87	(4)	51	(3)
Samarahan	0	0	0	0	0	9		12		3	
Asajaya	0	0	0	0	0	0		0		3	
Simunjan	0	0	0	0	0	2		4		8	(1)
Serian	0	0	0	0	0	5	(1)	4		10	(2)
SAMARAHAN	0	0	0	0	0	16		20		24	(3)
Sri Aman	0	0	0	0	0	14		14		14	(2)
Lubok Antu	0	0	0	0	0	7		15		11	
SRI AMAN	0	0	0	0	0	21		29		25	(2)
Betong	0	0	0	0	0	4		8		5	(1)
Saratok	0	0	0	0	0	7		4		6	(1)
BETONG	0	0	0	0	0	11		12		11	(2)
Sarikei	0	0	0	0	0	10		6	(1)	1	
Meradong	0	0	0	0	0	13		2		24	
Pakan	0	0	0	0	0	18	(1)	4	(1)	3	
Julau	0	0	0	0	0	4	(1)	1		0	
SARIKEI	0	0	0	0	0	45		13	(2)	28	
Daro	0	0	0	0	0	1		1	(1)	1	(1)
Matu	0	0	0	0	0	1		0		0	
Dalat	0	0	0	0	0	1		0		0	
Mukah	0	0	0	0	0	2	(1)	0		3	
MUKAH	0	0	0	0	0	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	1		2		3	
SIBU	0	0	0	0	0	11		10	(1)	9	
Song	0	0	0	0	0	0		1		1	
Kapit	0	0	0	0	0	5	(1)	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	8		2		1	
Bintulu	0	0	0	0	0	36	(2)	7		10	(2)
BINTULU	0	0	0	0	0	44		9		11	(2)
Miri	0	0	2	0	2	43	(3)	10		16	(1)
Marudi	0	0	0	0	0	2		2		2	
MIRI	0	0	2	0	2	43		12		18	(1)
Limbang	0	0	0	0	0	5		21	(1)	2	(1)
Lawas	0	0	0	0	0	5		0		0	
LIMBANG	0	0	0	0	0	10		21	(1)	2	(1)
SARAWAK	0	0	2	0	2	263	(15)	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 33, 2013

No.	District	Locality	Number of Cases	Outbreak Declared
1	Bintulu	Syarikat Hiap Seng Eng Sdn. Bhd.	2	15 May 13
2	Song	Kpg Mission, Song	2	5 June 13
3	Seratok	Rh Belayong, Ulu Roban, Seratok	3	Expected Over 29/07/2013

### 10.3.2 Summary of Leptospirosis death in Sarawak, as at Epid.week 33, 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	Indonesian	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/Uncontrolled blood loss. The	Support Staff
11	Kuching	SGH	47	Malay	Male	27-06-2013	Sepsis multiorgan failure	Engineer
12	Kapit	Hospital Sibu	16	Iban	Male	16.01.2013	Septic shock, multiorgan failure which include respiratory failure (ARDS), liver impairment, acute kidney injury and DIVC	Student
13	Miri	Hospital Miri	45	Malay	Male	26.07.2013	Severe sepsis with multiorgan failure	Self employed
14	Bintulu	Hospital Bintulu	31	Indonesian	Female	28.06.2013	Septic shock, leptospirosis with pulmonary haemorrhage associated with multiple organ damage/ TRO Melioidosis	Farmer
15	Marudi	Hospital Miri	44	Malay	Male	26.07.2013	Acute respiratory distress syndrome and acute renal failure	Security Guard

**10.4. Notified Melioidosis cases for Epid. Week 33, 2013 compared to Epid. Week 33,2012 and cumulative cases until Epid.Week 33, 2013**

District / Division	Case classification				Total EW (33) 2013	Total					
	Confirmed		Probable			2013	2012	2011			
	EW (33) 2013	EW (33) 2012	EW (33) 2013	EW (33) 2012							
Lundu	0	0	0	0	0	0		0		0	
Bau	0	0	0	0	0	0		1		1	
Kuching	0	1	0	0	0	0		3		4	
KUCHING	0	1	0	0	0	0		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	
Serian	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	2		0		1	
Kanowit	0	0	0	0	0	3		0		1	
Selangau	0	0	0	0	0	2	(1)	1	(1)	4	
SIBU	0	0	0	0	0	7		1		6	
Song	0	0	0	0	0	0		0		1	
Kapit	0	0	0	0	0	4		28		62	(3)
Belaga	0	2(2)	0	0	0	2	(2)	0		21	(4)
KAPIT	0	2(2)	0	0	0	6		28		84	(7)
Tatau	0	1	0	0	0	1		0		4	(1)
Bintulu	0	1	0	0	0	8	(1)	0		6	
BINTULU	0	2	0	0	0	9		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	5(2)	0	0	0	24	(5)	40	(1)	121	(11)

#### 10.4.1 Melioidosis Death case (Positive) up to week 33, 2013

No.	# District	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
1	Bintulu	Bintulu	45	Melanau	Male	01 June 13	Septic shock secondary to urosepsis associated with acute renal failure	Not working
2	Kapit	Bintulu	50	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
4	Belaga	Bintulu	28	Indonesian	Male	12 July 13	Septic shock due to severe melioidosis due to myocarditis and acute kidney failure	Lorry driver (Block stone)
5	Selangau	Sibu	10	Iban	Female	17 January 13	Melioidosis with severe septicaemia shock and pneumonia	Student

\* SGH = Sarawak General Hospital

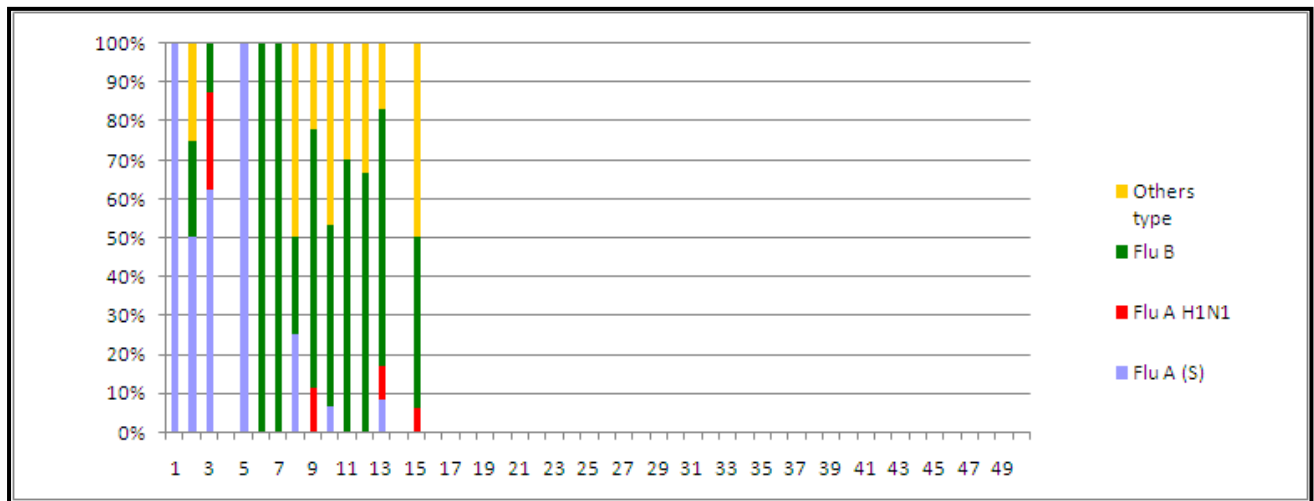
Note

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

® Hospital indicate facility where patient admitted

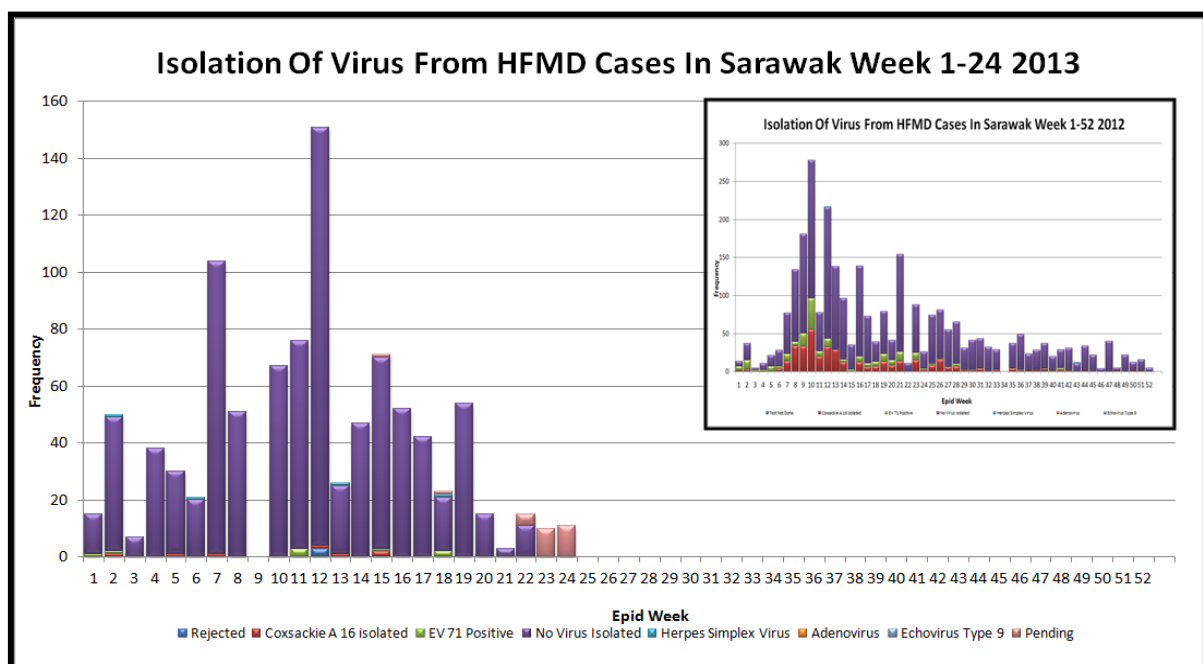
## 11. LABORATORY BASED SURVEILLANCE

### 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.

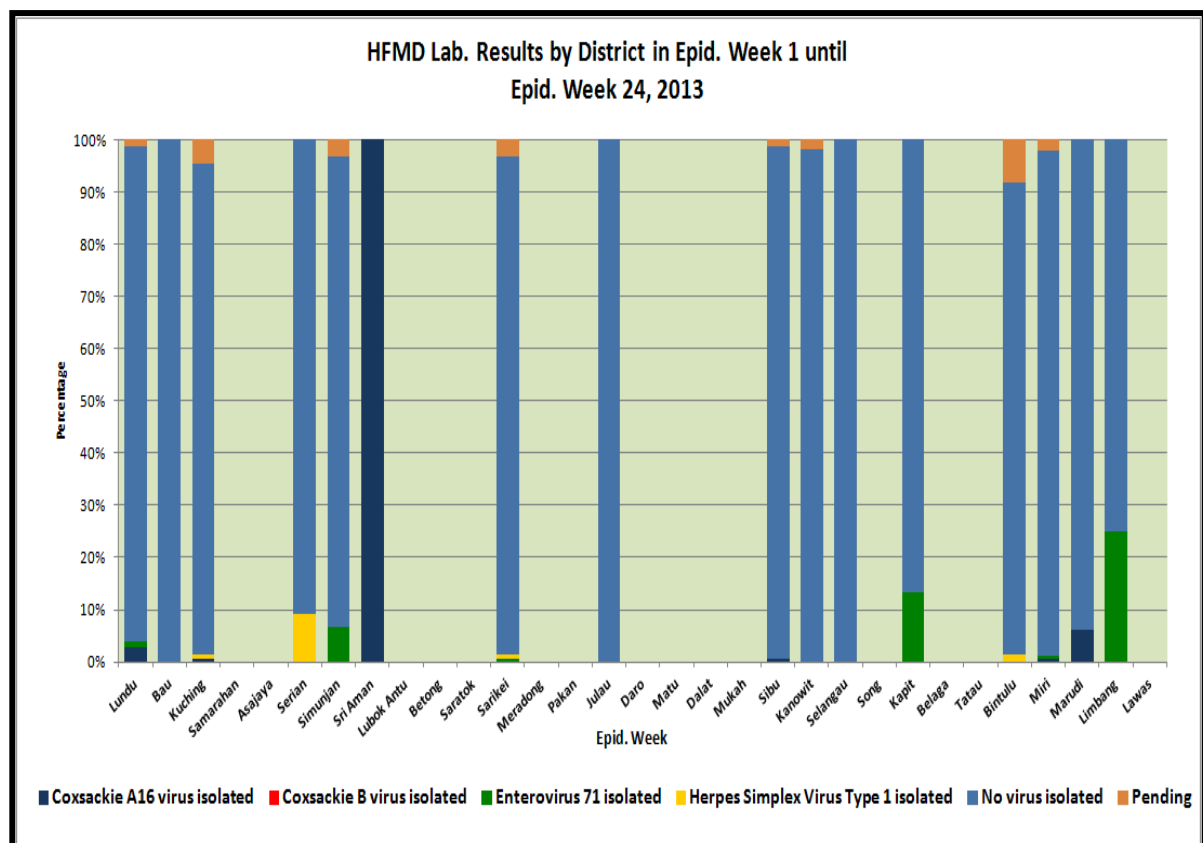
### 11.3. Laboratory Based Surveillance HFMD, EW 1- EW 24, 2013



As of 26<sup>th</sup> January, 2013, 2816 HFMD samples sent to MKAK 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).

*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 31<sup>st</sup> July 2013)

No	Name/Designation	Office Address	E-mail Address	Tel./Fax/Handphone No.
1	Ketua Penolong Pengarah Kanan Dr. Sarina Shuib	Seksyen Kawalan Penyakit Berjangkit Jabatan Kesihatan Negeri Sarawak	drsarinauzir@yahoo.com	Tel : 082-473200/277 Fax : 082-443098 Hp : 012-8081303
2	Ketua Penolong Pengarah Dr Ruziana Miss	Seksyen Kawalan Penyakit Berjangkit Jabatan Kesihatan Negeri Sarawak	druzziyan@yahoo.com.my	Tel : 082-473200/276 Fax : 082-443098 Hp : 019-8356456
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 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
5	Pegawai Epidemiologi bahagian Samarahan Dr Fatimah Oh Abdullah	Pejabat Kesihatan Bahagian Samarahan Jalan Datuk Muhammad Musa, 94300 Kota Samarahan	drfatimah@gmail.com	Tel:082-673626 Fax: 082-673632 Hp: 010-9825437 / 012-8585447
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 Vun Jan Shui	Pejabat Kesihatan Bahagian Kapit Tingkat 3, Wisma Persekutuan, 96800 Kapit	ivanvun@gmail.com	Tel : 084-796404 Fax : 084-332502 Hp : 013-8155183
11	Pegawai Kesihatan Bahagian Mukah Dr. Hj. Osman Hj. 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 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
13	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
14	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
15	Pegawai Kesihatan Bahagian Limbang Dr. Norliza Jusoh	Pejabat Kesihatan Bahagian Limbang Jalan Pandaruan, 98700 Limbang	norlizaj@srwk.moh.gov.my	Tel : 085-211046 Fax : 085-429987 Hp : 019-8163163

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**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.