



# SARAWAK

## WEEKLY EPID NEWS

Sarawak Health Department

EPID.WEEK 36

8<sup>th</sup>Sept. - 14<sup>th</sup> Sept. 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 8<sup>th</sup> September 2013.

Globally, from September 2012 to date, WHO has been informed of a total of 114 laboratory-confirmed cases of infection with MERS-CoV, including 54 deaths.

\*MERS-CoV- Middle East Respiratory Syndrome Coronavirus

#### INSIDE

Topic	Page
Infectious disease/crisis highlights in Sarawak	1
New outbreaks/clusters	2
Summary mandatory notifiable diseases	3
Food-Water Borne Diseases	4
Vaccine Preventable Diseases	5
HIV/AIDS and STI	9
Tuberculosis and Leprosy	11
Vector Borne Diseases	14
Other Infectious Diseases	18
Emerging/Re-emerging Infectious and Zoonotic Diseases	19
Laboratory based surveillance	28



CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

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## 2. NEW OUTBREAKS/CLUSTERS

No	Diseases	Number of outbreak	Total cases affected
1	food Poisoning	3	26
2	HFMD	6	14

## 3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 36, 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	3								1								
Bau																											
Kuching	5					2				2	15								1		6						1
Samarahan						1					2								2								
Asajaya																											
Simunjan																											
Serian						2				2	1																
Sri Aman																			1								
L/ Antu						1							1														4
Betong						1																					
Saratok																											
Sarikei											1																
Meradong						1															1						
Pakan											3		1														
Julau													3								1						
Daro						1				1																	
Matu																											
Dalat																											
Mukah											6																
Sibu						1				2	10		1								3						
Kanowit						1					1		3						1								
Selangau						1					1								1								
Song						1							3								2						
Kapit						1							4						1								
Belaga						1					1																
Tatau																											
Bintulu						1																					1
Miri											21										2						4
Marudi													2								1						
Limbang											3										1						
Lawas													7														1
TOTAL (Week36)	5/0					16				8	68	0	25						8		17						11
Total (2013)	120/66					962	4		851	355	7214	24	623	21	310				159	2	1712			82			290
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 36, 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	23	0	0
Asajaya	0	0	0	0	27	0	4	0	0
Samarahan	0	0	0	0	0	0	10	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	4	0	0
Saratok	0	0	0	0	4	0	15	4	0
Sarikei	1	0	0	0	66	0	14	1	0
Maradong	3	2	0	0	0	0	6	0	0
Julau	0	0	0	0	19	0	2	0	0
Pakan	2	0	0	0	4	0	9	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	1	1	0
Matu	0	0	0	0	0	0	0	0	0
Sibu	3	2	0	0	24	0	6	1	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	12	1	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>121</b>	<b>10</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 1-36

Diseases	Number of cases		Outbreak	
	EW 36	2013	EW 36	2013
KRM	26	832	3	54
Tifoid	0	8	0	1
Paratyphoid A,B,C	0	1	0	0
Kolera	0	0	0	0
Dysentery	0	5	0	0
Salmonellosis*	0	4	0	0
Hep. A	0	1	0	0
AGE dan lain-lain				0
<b>JUMLAH</b>	<b>26</b>	<b>877</b>	<b>3</b>	<b>68</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 36, 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	64	0	0	0	24	6	0	13	1	1	13	2
Samarahan	29	0	0	0	19	5	1	6	4	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	3	0
Sibu	4	0	0	0	5	0	0	0	0	0	3	0
Kapit	36	0	0	0	31	27	0	0	0	0	0	0
Mukah	2	0	0	0	0	0	0	1	0	1	1	0
Bintulu	14	0	0	0	4	1	1	0	0	3	1	0
Miri	78	1	0	0	50	19	0	1	0	3	14	0
Limbang	24	0	0	0	11	2	0	0	0	1	31	0
Sarawak	317	2	0	0	191	74	3	21	5	13	81	4

Note: S = suspected; C = confirmed

### 5.2. Measles Elimination Programme (MEP) Achievement by Division from Epid. Week 1 until Epid Week 36, 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	64	59	92.19	59	92.19	64	100.00
Samarahan	29	28	96.55	29	100.00	29	100.00
Sri Aman	3	3	100.00	2	66.67	3	100.00
Betong	29	29	100.00	26	89.66	29	100.00
Sarikei	34	30	88.24	32	94.12	34	100.00
Sibu	4	4	100.00	4	100.00	4	100.00
Kapit	36	32	88.89	32	88.89	36	100.00
Mukah	1	0	0.00	0	0.00	1	100.00
Bintulu	13	11	84.62	13	100.00	13	100.00
Miri	76	64	84.21	70	92.11	76	100.00
Limbang	21	20	95.24	20	95.24	21	100.00
Sarawak	310	280	90.32	287	92.58	310	100.00

## 5.4 Acute Flaccid Paralysis (AFP)

### Reported AFP cases in Sarawak, in Epid Week 1-36, 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 Polio 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 36, 2013 and cumulative cases from Epid. Week 1, 2013 until Epid Week 36, 2013.

#### HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Dau		2		3	
Kuching	5	43	4	34	
<b>KUCHING</b>	<b>5</b>	<b>45</b>	<b>4</b>	<b>37</b>	
Samarahan		6		6	
Asajaya		1		3	
Simunjan		0		3	
Serian		4		4	
<b>SAMARAHAN</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>16</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	1	1	
Saratok		0		0	
<b>BETONG</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	
Sarikel		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		12		10	
Kanowit		3		1	
Selangau		0		0	
<b>SIBU</b>	<b>0</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		14		16	
Marudi		0		1	
<b>MIRI</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>17</b>	
Limbang		2		8	
Lawas		6		1	
<b>LIMBANG</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>9</b>	
<b>Sarawak</b>	<b>5</b>	<b>120</b>	<b>5</b>	<b>102</b>	

#### AIDS

District / Division	2012		2013		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		1	
Dau		1		1	
Kuching		21	1	28	
<b>KUCHING</b>	<b>0</b>	<b>22</b>	<b>4</b>	<b>30</b>	
Samarahan		3		1	
Asajaya		1		2	
Simunjan		1		0	
Serian		4		1	
<b>SAMARAHAN</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>4</b>	
Sri Aman		2		0	
Lubok Antu		0		0	
<b>SRI AMAN</b>	<b>0</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>	
Sarikel		2		0	
Meradong		4		1	
Pakan		1		2	
Julau		1		1	
<b>SARIKEI</b>	<b>0</b>	<b>8</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		11		6	
Kanowit		0		1	
Selangau		0		0	
<b>SIBU</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>7</b>	
Song		1		0	
Kapit		2		0	
Belaga		0		2	
<b>KAPIT</b>	<b>0</b>	<b>3</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		7	
Marudi		1		0	
<b>MIRI</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>7</b>	
Limbang		3		1	
Lawas		1	2	2	
<b>LIMBANG</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>3</b>	
<b>Sarawak</b>	<b>0</b>	<b>68</b>	<b>6</b>	<b>66</b>	

EW = Epid. Week; Cum. = Cumulative figure

**6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 36, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 36, 2013.**

**Gonorrhoea**

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu	1	4		3	
Bau		3		10	
Kuching	2	133		95	
<b>KUCHING</b>	<b>3</b>	<b>140</b>	<b>0</b>	<b>108</b>	
Samarahan		33		13	
Asajaya		12		10	
Simunjan		7		9	
Serian	2	11		7	
<b>SAMARAHAN</b>	<b>2</b>	<b>63</b>	<b>0</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	
<b>BETONG</b>	<b>0</b>	<b>9</b>	<b>0</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	2		5	
Matu		2		8	
Dalat		0		0	
Mukah		7		3	
<b>MUKAH</b>	<b>1</b>	<b>11</b>	<b>0</b>	<b>16</b>	
Sibu	2	54		34	
Kanowit		4		0	
Selangau		3		3	
<b>SIBU</b>	<b>2</b>	<b>61</b>	<b>0</b>	<b>37</b>	
Song		0		0	
Kapit		4		3	
Belaga		0		0	
<b>KAPIT</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>3</b>	
Tatau		10		0	
Bintulu		22		6	
<b>BINTULU</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>6</b>	
Miri		12		23	
Marudi		4		3	
<b>MIRI</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>26</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>8</b>	<b>355</b>	<b>0</b>	<b>249</b>	

**Syphilis**

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu	1	2		3	
Bau		7		5	
Kuching	1	27		55	
<b>KUCHING</b>	<b>2</b>	<b>36</b>	<b>0</b>	<b>62</b>	
Samarahan	2	14		10	
Asajaya		2		8	
Simunjan		4		6	
Serian		3		2	
<b>SAMARAHAN</b>	<b>2</b>	<b>23</b>	<b>0</b>	<b>25</b>	
Sri Aman	1	6		10	
Lubok Antu		2		4	
<b>SRI AMAN</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>13</b>	
Betong		1		0	
Saratok		1		1	
<b>BETONG</b>	<b>0</b>	<b>2</b>	<b>0</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		2	
Matu		0		0	
Dalat		2		0	
Mukah		1		2	
<b>MUKAH</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>4</b>	
Sibu		31		31	
Kanowit	1	5		0	
Selangau	1	3		2	
<b>SIBU</b>	<b>2</b>	<b>39</b>	<b>0</b>	<b>33</b>	
Song		0		0	
Kapit	1	1		5	
Belaga		2		0	
<b>KAPIT</b>	<b>1</b>	<b>3</b>	<b>0</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		11	
Marudi		9		2	
<b>MIRI</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>18</b>	
Limbang		2		3	
Lawas		9		0	
<b>LIMBANG</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>3</b>	
<b>Sarawak</b>	<b>8</b>	<b>159</b>	<b>0</b>	<b>172</b>	



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

### 7.1 Notified Tuberculosis cases for Epid. Week 36, 2013 compared to Epid. Week 36, 2012 and cumulative cases until Epid. Week 36, 2013.

District / Division	2013		2012		
	EW (36)	Cum.	EW (36)	Cum.	Total
Lundu	0	13	0	21	38
Bau	0	37	1	27	38
Kuching	6	351	2	301	501
<b>KUCHING</b>	<b>6</b>	<b>401</b>	<b>3</b>	<b>349</b>	<b>577</b>
Samarahan	0	48	4	37	44
Asajaya	0	20	1	14	22
Simunjan	0	35	0	31	47
Serian	0	45	1	26	40
<b>SAMARAHAN</b>	<b>0</b>	<b>148</b>	<b>6</b>	<b>108</b>	<b>153</b>
Sri Aman	0	58	3	37	63
Lubok Antu	0	38	3	29	44
<b>SRI AMAN</b>	<b>0</b>	<b>96</b>	<b>6</b>	<b>66</b>	<b>107</b>
Betong	0	38	3	31	52
Saratok	0	36	5	41	59
<b>BETONG</b>	<b>0</b>	<b>74</b>	<b>8</b>	<b>72</b>	<b>111</b>
Sarikei	0	38	0	42	73
Meradong	1	20	2	26	38
Pakan	0	24	1	14	32
Julau	1	13	0	15	20
<b>SARIKEI</b>	<b>2</b>	<b>95</b>	<b>3</b>	<b>97</b>	<b>163</b>
Daro	0	21	0	11	27
Matu	0	12	0	7	10
Dalat	0	4	0	9	13
Mukah	0	33	2	37	64
<b>MUKAH</b>	<b>0</b>	<b>70</b>	<b>2</b>	<b>64</b>	<b>114</b>
Sibu	3	154	4	153	226
Kanowit	0	30	0	25	41
Selangau	0	31	0	36	51
<b>SIBU</b>	<b>3</b>	<b>215</b>	<b>4</b>	<b>214</b>	<b>318</b>
Song	2	11	0	7	10
Kapit	0	48	0	38	60
Belaga	0	33	1	24	47
<b>KAPIT</b>	<b>2</b>	<b>92</b>	<b>1</b>	<b>69</b>	<b>117</b>
Tatau	0	23	0	34	53
Bintulu	0	137	1	144	252
<b>BINTULU</b>	<b>0</b>	<b>160</b>	<b>1</b>	<b>178</b>	<b>305</b>
Miri	2	250	7	207	310
Marudi	1	47	1	51	81
<b>MIRI</b>	<b>3</b>	<b>297</b>	<b>8</b>	<b>258</b>	<b>391</b>
Limbang	1	37	2	36	52
Lawas	0	27	0	16	22
<b>LIMBANG</b>	<b>1</b>	<b>64</b>	<b>2</b>	<b>52</b>	<b>74</b>
<b>Sarawak</b>	<b>17</b>	<b>1712</b>	<b>44</b>	<b>1527</b>	<b>2430</b>

EW = Epid. Week; Cum. = Cumulative figure

### 7.2 Notified Leprosy cases for Epid. Week 36, 2013 compared to Epid. Week 36, 2012 and cumulative cases until Epid. Week 36, 2013.

District / Division	2013		2012		
	EW (36)	Cum.	EW (36)	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>

### 7.3 Notified Tuberculosis (all forms) Case Classification as on 14<sup>th</sup> September, 2013

District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW (36)	Cum.	EW (36)	Cum.	EW (36)	EW (36)
Lundu	0	3	0	9	0	1
Bau	0	27	0	5	0	5
Kuching	5	208	1	109	0	34
<b>KUCHING</b>	<b>5</b>	<b>238</b>	<b>1</b>	<b>123</b>	<b>0</b>	<b>40</b>
Samarahan	0	27	0	14	0	7
Asajaya	0	16	0	1	0	3
Simunjan	0	24	0	4	0	7
Serian	0	18	0	17	0	10
<b>SAMARAHAN</b>	<b>0</b>	<b>85</b>	<b>0</b>	<b>36</b>	<b>0</b>	<b>27</b>
Sri Aman	0	34	0	18	0	6
Lubok Antu	0	24	0	12	0	2
<b>SRI AMAN</b>	<b>0</b>	<b>58</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>8</b>
Betong	0	29	0	3	0	6
Saratok	0	20	0	13	0	3
<b>BETONG</b>	<b>0</b>	<b>49</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>9</b>
Sarikei	0	18	0	14	0	6
Meradong	1	11	0	7	0	2
Pakan	0	10	0	8	0	6
Julau	1	5	0	4	0	4
<b>SARIKEI</b>	<b>2</b>	<b>44</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>18</b>
Daro	0	14	0	5	0	2
Matu	0	9	0	3	0	0
Dalat	0	4	0	0	0	0
Mukah	0	23	0	10	0	0
<b>MUKAH</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>2</b>
Sibu	1	102	2	31	0	21
Kanowit	0	18	0	5	0	7
Selangau	0	17	0	6	0	8
<b>SIBU</b>	<b>1</b>	<b>137</b>	<b>2</b>	<b>42</b>	<b>0</b>	<b>36</b>
Song	2	8	0	3	0	0
Kapit	0	34	0	11	0	3
Belaga	0	18	0	11	0	4
<b>KAPIT</b>	<b>2</b>	<b>60</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>7</b>
Tatau	0	4	0	18	0	1
Bintulu	0	76	0	45	0	16
<b>BINTULU</b>	<b>0</b>	<b>80</b>	<b>0</b>	<b>63</b>	<b>0</b>	<b>17</b>
Miri	1	180	1	34	0	36
Marudi	1	33	0	8	0	6
<b>MIRI</b>	<b>2</b>	<b>213</b>	<b>1</b>	<b>42</b>	<b>0</b>	<b>42</b>
Limbang	1	31	0	0	0	6
Lawas	0	22	0	1	0	4
<b>LIMBANG</b>	<b>1</b>	<b>53</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>10</b>
<b>Sarawak</b>	<b>13</b>	<b>1067</b>	<b>4</b>	<b>429</b>	<b>0</b>	<b>216</b>

EW = Epid. Week; Cum. = Cumulative figure

### 7.3 Notified Tuberculosis (all forms) Patient Classification as on 14<sup>th</sup> September, 2013

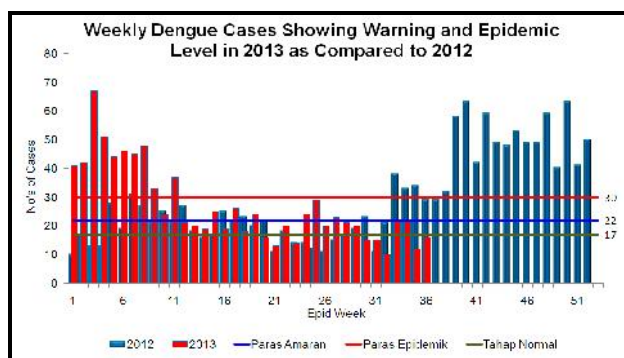
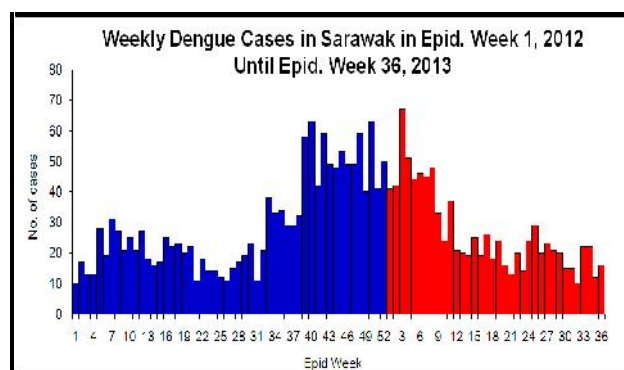
District / Division	Children (<15yrs)		Health care worker				PUSPEN/Prison		Foreigner		TB/HIV		Pusat jagaan	
	EW (36)	Cum.	*Exposed	*Not exposed	*Exposed	*Not exposed	EW (36)	Cum.	EW (36)	Cum.	EW (36)	Cum.	EW (36)	Cum.
			EW (36)	Cum.	EW (36)	Cum.								
Lundu		1		0		0		0		0		0		0
Bau		3		0		0		0		1		0		0
Kuching		4		8		8		0		9		10		0
<b>KUCHING</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>
Samarahan		0		1		1		0		1		0		0
Asajaya		0		0		0		0		2		0		0
Simunjan		1		0		0		0		0		1		0
Serian		5		0		0		0		2		0		0
<b>SAMARAHAN</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
Sri Aman		0		0		0		0		0		0		0
Lubok Antu		0		0		0		0		0		0		0
<b>SRI AMAN</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>	<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		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>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Sibu		5		4		4		0		3		1		0
Kanowit		1		0		0		0		0	<b>1</b>	<b>2</b>		<b>0</b>
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>3</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>
Song		1		0		0		0		0		0		0
Kapit		6		0		0		0		2		0		0
Belaga		6		0		0		0		5		1		0
<b>KAPIT</b>	<b>0</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>7</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
Tatau		6		0		0		0		1		0		0
Bintulu		7		0		0		0		33		4		0
<b>BINTULU</b>	<b>0</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>34</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>
Miri		9		1		1		2		33		2		0
Marudi		4		0		0		0		5		0		0
<b>MIRI</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>38</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>
Limbang		0		0		0		0		6		0		0
Lawas		0		0		0		0		6		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>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Sarawak</b>	<b>0</b>	<b>63</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>117</b>	<b>1</b>	<b>22</b>	<b>0</b>	<b>0</b>



## 8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

### 8.1. Notified Dengue cases for Epid. Week 36, 2013 compared to Epid. Week 36, 2012 and cumulative cases until Epid. Week 36, 2013.

District	2013		2012	
	EW 36	Cum.	EW 36	Cum.
Lundu	0	4	0	9
Bau	0	6	2	21
Kuching	2	112	2	96
Samarahan	1	11	0	27
Asajaya	0	4	1	5
Serian	2	19	0	10
Simunjan	0	9	0	11
Sri Aman	0	33	3	32
Lubok Antu	1	24	3	18
Betong	1	47	0	37
Saratok	0	31	0	18
Sarikei	0	55	0	25
Meradong	1	16	1	17
Pakan	0	34	3	26
Julau	0	10	2	21
Daro	1	4	0	4
Matu	0	2	0	0
Dalat	0	1	0	7
Mukah	0	4	0	6
Sibu	1	124	1	33
Kanowit	1	23	1	12
Selangau	1	14	0	4
Song	1	19	0	10
Kapit	1	55	2	42
Belaga	1	27	1	13
Tatau	0	12	0	22
Bintulu	1	75	3	62
Miri	0	82	3	98
Marudi	0	18	0	26
Limbang	0	9	1	11
Lawas	0	78	0	12
Sarawak	16	962	29	735



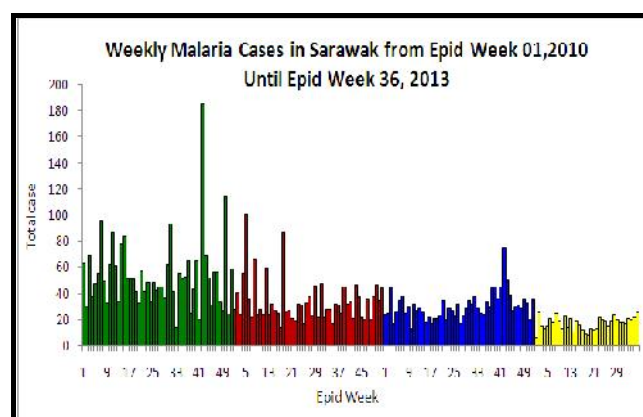
In 2013, a total of 16 dengue cases were reported for Week 36 (07 September, 2013) as compared to 29 cases during the same period in 2012. They were increases of 4 cases from the previous week (Week 35, 2013). There is one new outbreak locality reported from Betong district. The cumulative of active outbreak is one.

EW = Epid. Week; Cum. = Cumulative figure

## 8.2. Notified Malaria cases for Epid. Week 36, 2013 compared to Epid.Week 36, 2012 and cumulative cases until Epid.Week 36 , in 2013.

District	2013		2012	
	EW 36	Cum.	EW 36	Cum.
Lundu	0	5	0	9
Bau	0	0	0	0
Kuching	0	11	0	17
Samarahan	0	2	0	3
Asajaya	0	0	0	0
Serian	0	2	0	4
Simunjan	0	3	0	2
Sri Aman	0	6	2	13
Lubok Antu	1	10	0	21
Betong	1	22	4	40
Saratok	0	21	2	16
Sarikei	0	5	0	17
Meradong	0	2	1	6
Pakan	1	18	2	31
Julau	3	35	0	48
Daro	0	1	0	5
Matu	0	0	0	1
Dalat	0	2	0	3
Mukah	0	2	0	2
Sibu	1	30	1	52
Kanowit	3	37	1	45
Selangau	0	8	2	26
Song	3	58	5	63
Kapit	4	115	2	129
Belaga	0	79	6	90
Tatau	0	8	0	17
Bintulu	0	28	0	20
Miri	0	11	1	21
Marudi	2	58	3	198
Limbang	0	7	1	20
Lawas	7	37	1	46
Sarawak	26	623	34	965

Notes: 1) EW = Epid. Week;Cum. = cumulative figure;



A total of 26 cases were reported on week 36, 2013. Cumulative cases till week 36 were 623 cases. Of the 26 cases, 7 cases (26.9%) from Lawas District, 4 cases (15.4%) from Kapit District, 3 cases (11.5%) from Julau, Kanowit and Song District. 2 cases (7.7%) from Marudi District. 4 other cases (15.4%) from 4 other District.

**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 36	EW 1-36
<i>Plasmodium vivax</i>	1	1	2	170
<i>Plasmodium falciparum</i>	0	0	0	31
<i>Plasmodium malariae</i>	0	0	0	5
<i>Plasmodium knowlesi</i>	24	0	24	410
<i>Plasmodium ovale</i>	0	0	0	6
Mixed infection	0	0	0	1
<b>Total</b>	<b>25</b>	<b>1</b>	<b>26</b>	<b>623</b>

\*Local = Indigenous, Relapsed, Introduce

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

District	Nationality	Place of Infection	Cases	Gender	Age
Lawas	Malaysian	Ai Tape, Vanimo Jaya, Papua New Guinea	<i>P. Vivax</i>	Male	42

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

### 8.4. Chikungunya

There is no new case reported in week 36/2013 and during the same period in 2012. The cumulative number of case in 2013 is 1.

### 8.4. Filariasis

There was two new cases reported in week 36/2013, and no cases was reported during the same period in 2012. The cumulative numbers of cases for 2013 were 34.

### 8.5 Japanese Encephalitis (JE)

There is no new case reported in week 36/2013 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 36. The cumulative number of viral encephalitis remains 4.

### 9.2. Viral Hepatitis (all form)

No	Type of Viral Hepatitis	Epid Week 36	Cum. 2013
1	Hepatitis A	0	1
2	Acute Hepatitis B	0	13
3	Chronic Hepatitis B	3	81
4	Acute Hepatitis C	0	8
5	Chronic Hepatitis C	0	42

### 9.3 Hepatitis B (Vertical Transmission)

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

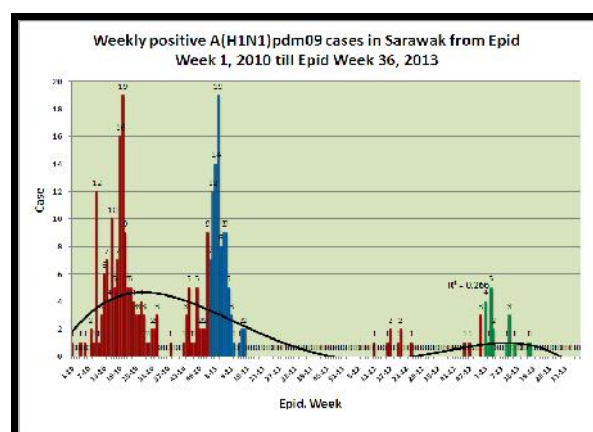
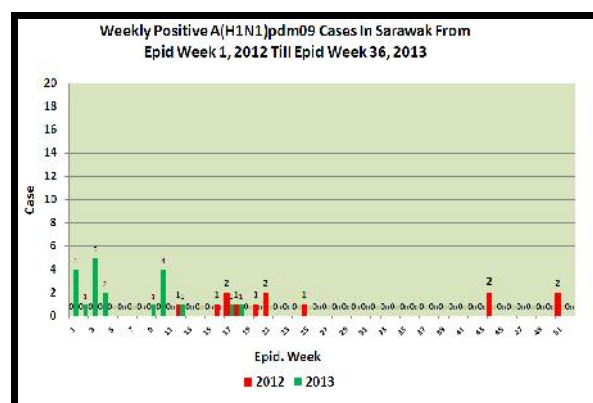
## 10. EMERGING/RE-EMERGING INFECTIOUS AND ZONOTIC DISEASES

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

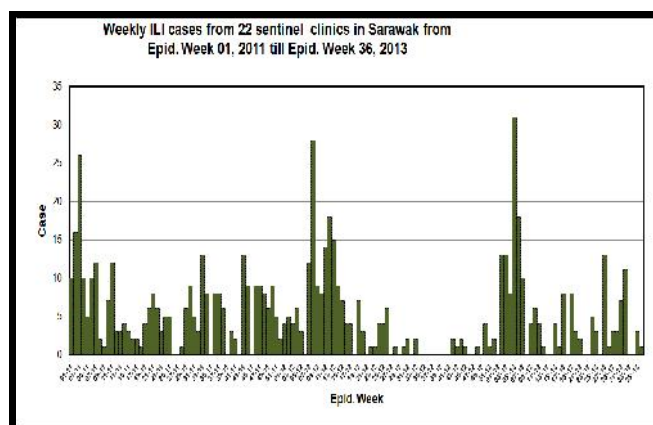
10.1.1 Positive Pandemic Influenza A/H1N1<sub>pdm09</sub> as for Epid. Week 36, 2013 compared to Epid.Week36 ,2012 and cumulative cases in Epid.Week 36, in 2013.

District	2013		2012		Total
	EW 36	Cum.	EW 36	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

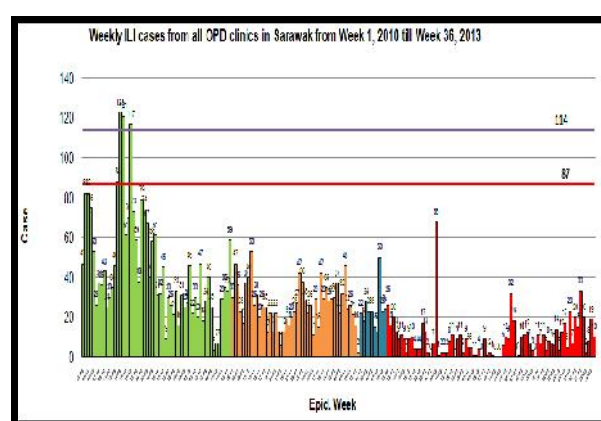
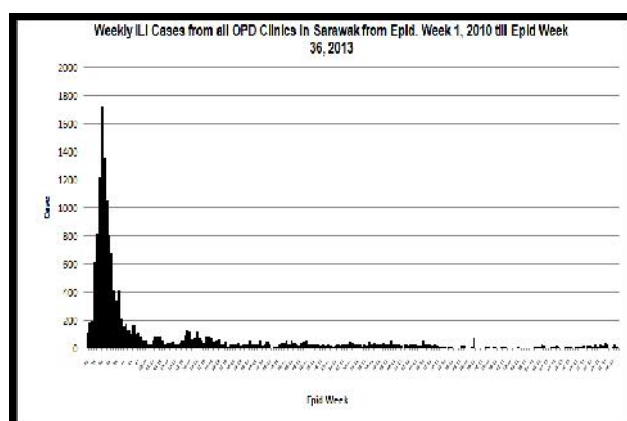


### 10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2011 till Epid.Week 35, in 2013.



There were 11 cases of ILI reported in week 36.

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).

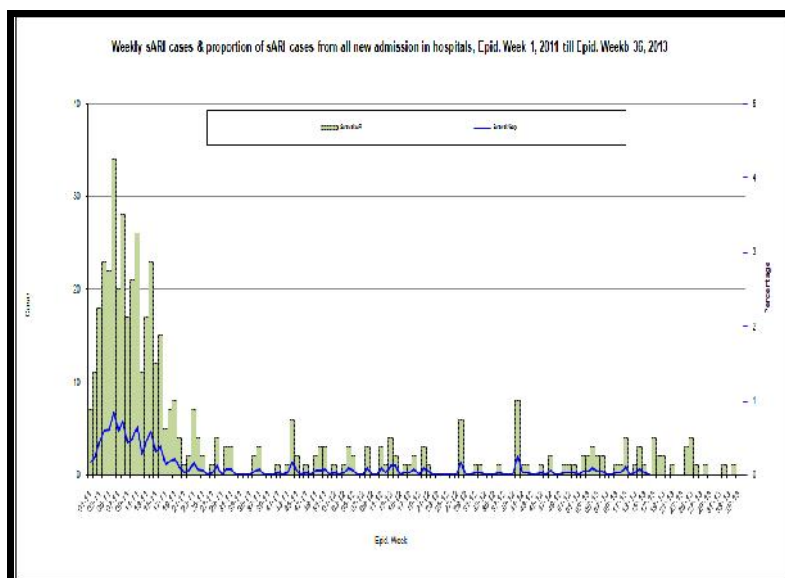


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 7<sup>th</sup>, September, 2013.

No ILI cluster reported in week 36. No sARI case reported in week 36.

### 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 7<sup>th</sup> September, 2013.

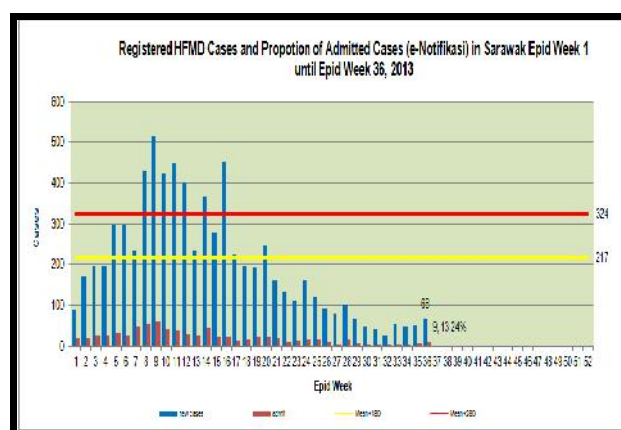
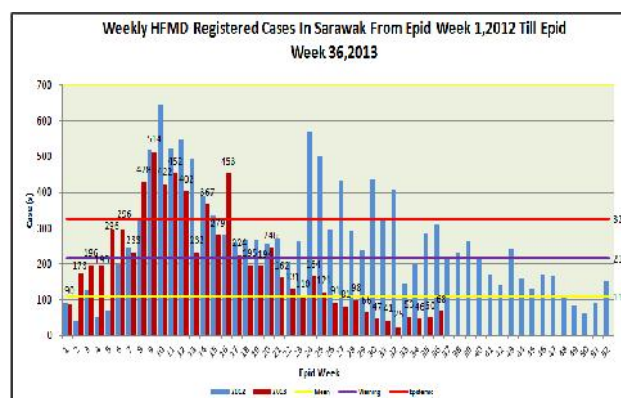
Division	Hospital	New EW 36	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	0	47	0	0	0	0	0	0	0
	Bau	0	0	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
	Sentosa	0	0	0	0	0	0	0	0	0
Samarahan	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
<b>Total</b>		<b>0</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

EW = Epid. Week; Cum. = Cumulative figure



## 10.2. Registered HFMD cases ( based on e-Notifikasi ) for Epid.Week 36, 2013 compared to Epid.Week36,2012 and cumulative cases until Epid.Week 36,2013.

District / Division	2013		2012		Total
	EW 36	Cum.	EW 36	Cum.	
Iundu	3	124	1	220	257
Bau	0	161	8	330	396
Kuching	15	1424	67	3210	3919
<b>KUCHING</b>	<b>18</b>	<b>1709</b>	<b>76</b>	<b>3760</b>	<b>4572</b>
Samarahan	2	195	5	620	670
Asajaya	0	25	0	74	97
Simunjan	0	75	1	180	220
Serian	1	243	10	640	742
<b>SAMARAHAN</b>	<b>3</b>	<b>538</b>	<b>16</b>	<b>1514</b>	<b>1729</b>
Sri Aman	0	192	18	437	485
Lubok Antu	0	30	0	80	77
<b>SRI AMAN</b>	<b>0</b>	<b>222</b>	<b>18</b>	<b>517</b>	<b>562</b>
Betong	0	67	21	314	385
Saratok	0	148	8	217	280
<b>BETONG</b>	<b>0</b>	<b>215</b>	<b>29</b>	<b>531</b>	<b>665</b>
Sarikel	1	244	30	464	480
Meradong	0	104	28	155	194
Pakan	3	61	0	77	91
Julau	0	78	0	123	131
<b>SARIKEI</b>	<b>4</b>	<b>487</b>	<b>58</b>	<b>819</b>	<b>896</b>
Daro	0	89	12	108	129
Matu	0	37	0	82	68
Dalat	0	95	0	107	113
Mukah	6	117	4	150	162
<b>MUKAH</b>	<b>6</b>	<b>338</b>	<b>16</b>	<b>447</b>	<b>472</b>
Sibu	10	844	21	742	936
Kanowit	1	91	0	46	46
Selangau	1	69	2	29	43
<b>SIBU</b>	<b>12</b>	<b>1004</b>	<b>23</b>	<b>817</b>	<b>1025</b>
Song	0	46	0	35	62
Kapit	0	161	9	387	419
Belaga	1	101	10	114	124
<b>KAPIT</b>	<b>1</b>	<b>308</b>	<b>19</b>	<b>536</b>	<b>605</b>
Tatau	0	16	0	97	98
Bintulu	0	344	17	771	913
<b>BINTULU</b>	<b>0</b>	<b>360</b>	<b>17</b>	<b>868</b>	<b>1011</b>
Miri	21	1575	34	1033	1195
Marudi	0	92	0	91	121
<b>MIRI</b>	<b>21</b>	<b>1667</b>	<b>34</b>	<b>1124</b>	<b>1816</b>
Limbang	3	276	0	438	104
Tawas	0	90	5	92	453
<b>LIMBANG</b>	<b>3</b>	<b>366</b>	<b>5</b>	<b>530</b>	<b>557</b>
<b>SARAWAK</b>	<b>68</b>	<b>7214</b>	<b>311</b>	<b>11463</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 EW36,2013					
	Family	Child Care	Pre School	School	Total	Cum Closure
Kuching	129	2	10	1	142	3
Samarahan	39	1	1	0	41	1
Sri Aman	28	0	3	0	31	3
Betong	21	0	0	0	21	0
Sarikei	61	0	2	1	64	3
Mukah	15	0	2	0	17	0
Sibu	83	2	10	0	95	0
Kapit	11	0	0	1	12	0
Bintulu	14	0	0	0	14	0
Miri	112	0	1	0	113	0
Limbang	40	0	8	2	50	3
<b>SARAWAK</b>	<b>553</b>	<b>5</b>	<b>37</b>	<b>5</b>	<b>600</b>	<b>13</b>

**10.3. Notified Leptospirosis cases for Epid. Week 36, 2013 compared to Epid. Week 36, 2012 and cumulative cases until Epid. Week 36, in 2013.**

District / Division	Case classification				Total	Total					
	Confirmed		Probable			2013	2012	2011			
	EW (36) 2013	EW (36) 2012	EW (36) 2013	EW (36) 2012							
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	1	0	1	30	(1)	76	(2)	40	(2)
KUCHING	0	0	1	0	1	39		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	17		14		14	(2)
Lubok Antu	0	0	4	0	4	11		15		11	
SRI AMAN	0	0	4	0	4	28		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	12		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	44		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	6		6	(1)	4	
Selangau	0	0	0	0	0	1		2		3	
SIBU	0	0	0	0	0	12		10	(1)	9	
Song	0	0	0	0	0	1		1		1	
Kapit	0	0	0	0	0	5	(1)	50		12	
Belaga	0	0	0	0	0	15		4	(1)	7	(1)
KAPIT	0	0	0	0	0	21		55		20	(1)
Tatau	0	0	0	0	0	9		2		1	
Bintulu	0	0	1	0	1	41	(3)	7		10	(2)
BINTULU	0	0	1	0	1	50		9		11	(2)
Miri	3	0	1	0	4	48	(3)	10		16	(1)
Marudi	0	0	0	0	0	5	(1)	2		2	
MIRI	3	0	1	0	4	53		12		18	(1)
Limbang	0	0	0	0	0	5		21	(1)	2	(1)
Lawas	1	0	0	0	1	6		0		0	
LIMBANG	1	0	0	0	1	11		21	(1)	2	(1)
SARAWAK	4	0	7	0	11	290	(16)	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 (Surat Pekeliling Ketua Pengarah Kesihatan Malaysia Bil. 33/201**

### 10.3.1 Locality of Leptospirosis Cluster in Sarawak until Epid. Week 36 2013

No.	District	Locality	Number of Cases
1	Bintulu	Syarikat Hiap Seng Eng Sdn. Bhd.	2
2	Song	Kpg Mission, Song	2
3	Seratok	Rh Belayong, Ulu Roban, Seratok	3
4	Bintulu	Ladang Pekaka, Sime Darby Plantation	2

### 10.3.2 Summary of Leptospirosis death in Sarawak, as at Epid.week 36, 2013.

No	# District	Locality	Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation	Case classification
1	Serian	Kpg Darul Fallah, Tebedu	SGH	37	Bidayuh	Female	01.01.2013	Acute renal failure secondary to thrombotic thrombocytopenia purpura	Housewife/Farmer	Probable
2	Miri	Long Miri, Ulu Baram	Miri	34	Kenyah	Male	09.01.2013	Severe sepsis with multiorgan failure secondary to leptospirosis	Welder	Confirmed
3	Kapit	Rh Iju, Nanga Pulang, Balleh	Sibu	16	Iban	Male	16.01.2013	Septic shock, multiorgan failure which include respiratory failure (ARDS), liver impairment, acute kidney injury and DIC	Student	Confirmed
4	Bintulu	Muzako Tanjong Kindurong	Bintulu	31	Iban	Female	18.01.2013	multiorgan failure secondary to dengue shock syndrome	Labourer	Probable
5	Miri	Kpg Dagang, Bekenu	Miri	55	Kedayan	Female	06.02.2013	Meningoencephalitis, associated multiorgan failure	Housewife	Confirmed
6	Mukah	Ladang Setuan Sdn. Bhd	Sibu	40	Indonesian	Male	16.02.2013	Acute kidney injury	Labourer	Confirmed
7	Pakan	Rh Umar, Lempa Antu	Sarikei	50	Iban	Male	04.03.2013	Severe sepsis with multiorgan failure	Not working	Probable
8	Sibu	Lorong Permai Timur 19	Sibu	12	Malay	Male	29-03-2013	Hepatorenal failure	Student	Confirmed
9	Bau	Kpg Sagah, Jln Sg Tengah Matang	SGH	73	Bidayuh	Male	18.04.2013	Cardiac arrest	Not working	Probable
10	Lundu	Kpg Judin, Sematan	SGH	15	Bidayuh	Female	26.04.2013	Multiorgan failure acute	Student	Probable
11	Julau	Rh Nyambar Ulu Kuta	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 death is not due to leptospirosis.	Support Staff	Probable
12	Kuching	Jln Chong Kiun Kong, Kenyalang Park	SGH	47	Malay	Male	27.06.2013	Sepsis multiorgan failure	Engineer	Probable
13	Bintulu	Timor Enterprises Sdn Bhd	Bintulu	31	Indonesian	Female	28.06.2013	Septic shock, leptospirosis with pulmonary haemorrhage associated with multiple organ damage/TRO Melioidosis	Farmer	Probable
14	Bintulu	Sime Darby Plantation Sdn Bhd	Bintulu	41	Indonesian	Male	09.07.2013	Septic shock due to multiorgan failure	Laborer	Confirmed
15	Marudi	Kpg Narum, Marudi	Miri	44	Malay	Male	26.07.2013	Acute respiratory distress syndrome and acute renal failure	Security Guard	Probable
16	Miri	Jln Tanjung Batu, Pujut Padang Kerbau	Miri	45	Malay	Male	26.07.2013	Severe sepsis with multiorgan failure	Self employed	Probable



**10.4. Notified Melioidosis cases for Epid. Week 36, 2013 compared to Epid. Week 36,2012 and cumulative cases until Epid.Week 36, 2013**

District / Division	Case classification				Total	Total						
	Confirmed		Probable			Total	2013		2012		2011	
	EW (36) 2013	EW (36) 2012	EW (36) 2013	EW (36) 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	0		3		4		
KUCHING	0	0	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	4		0		1		
Selangau	0	0	0	0	0	2	(1)	1	(1)	4		
SIBU	0	0	0	0	0	8		1		6		
Song	0	0	0	0	0	0		0		1		
Kapit	0	0	0	0	0	4	(1)	28		62	(3)	
Belaga	0	0	0	0	0	2	(2)	0		21	(4)	
KAPIT	0	0	0	0	0	6		28		84	(7)	
Tatau	0	0	0	0	0	2		0		4	(1)	
Bintulu	0	0	0	0	0	18	(3)	0		6		
BINTULU	0	0	0	0	0	20		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	36	(7)	40	(1)	121	(11)	

Not

#### 10.4.1 Melioidosis Death case (Positive) up to week 36, 2013

# District	Locality	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation	Case Classification
Selangau	Rh Anthony, Pakoh	Sibu	10	Iban	Female	17.01.2013	Melioidosis with severe septicaemia shock and pneumonia	Student	Confirmed
Bintulu	2634, Kpg Assyakirin	Bintulu	53	Malay	Female	11.02.2013	Septic shock due to severe melioidosis, myocarditis and acute kidney injury	Housewife	Probable
Bintulu	Segarmas Plantation S/B	Bintulu	29	Indonesian	Male	28.05.2013	Septic shock due severe pneumonia complicated with respiratory failure	Labourer	Probable
Bintulu	No 133 A, Kog Jejak	Bintulu	45	Melanau	Male	01.06.2013	Septic shock secondary to urosepsis associated with acute renal failure	Not working	Confirmed
Kapit	Bakun Dam	Bintulu	50	Philippines	Male	06.06.2013	Severe septicaemia with multi organ failure	Worker at Bakun	Confirmed
Belaga	Uma Baluy Laguai, Naha Jaley	Bintulu	18	Kayan	Female	10.06.2013	Melioidosis with septic shock complicated with ARDS, DVC and multi organ failure	Housewife	Confirmed
Belaga	Quarters of Lumut Camp, Sg Asap	Bintulu	28	Indonesian	Male	12.06.2013	Septic shock due to severe melioidosis due to myocarditis and acute kidney failure	Lorry driver (Block stone)	Confirmed

\* SGH = Sarawak General Hospital

Note

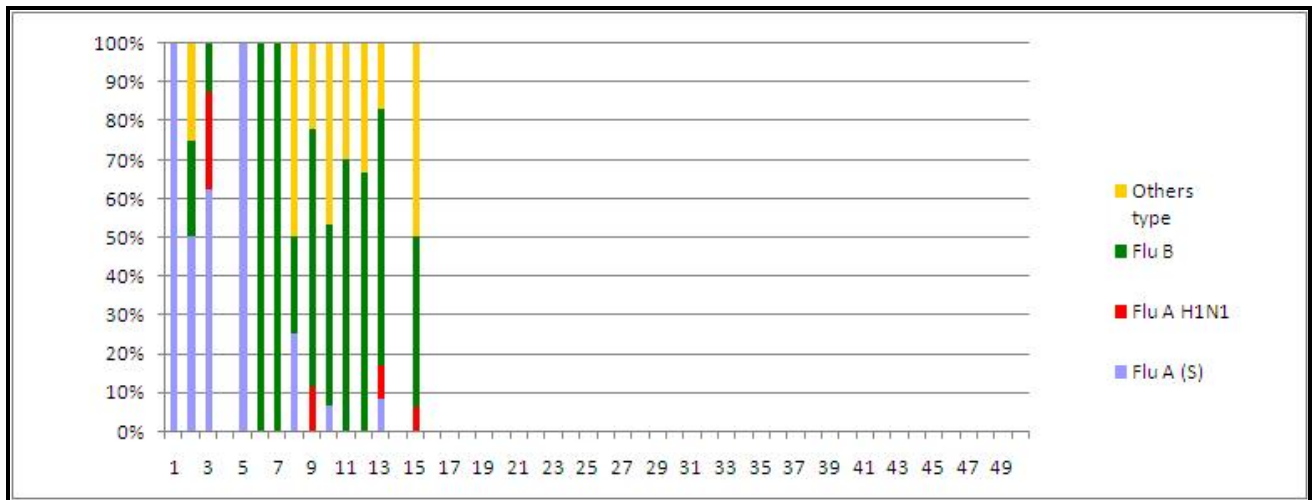
: # District indicate patient's current place of residence or workplace

® Hospital indicate facility where patient admitted



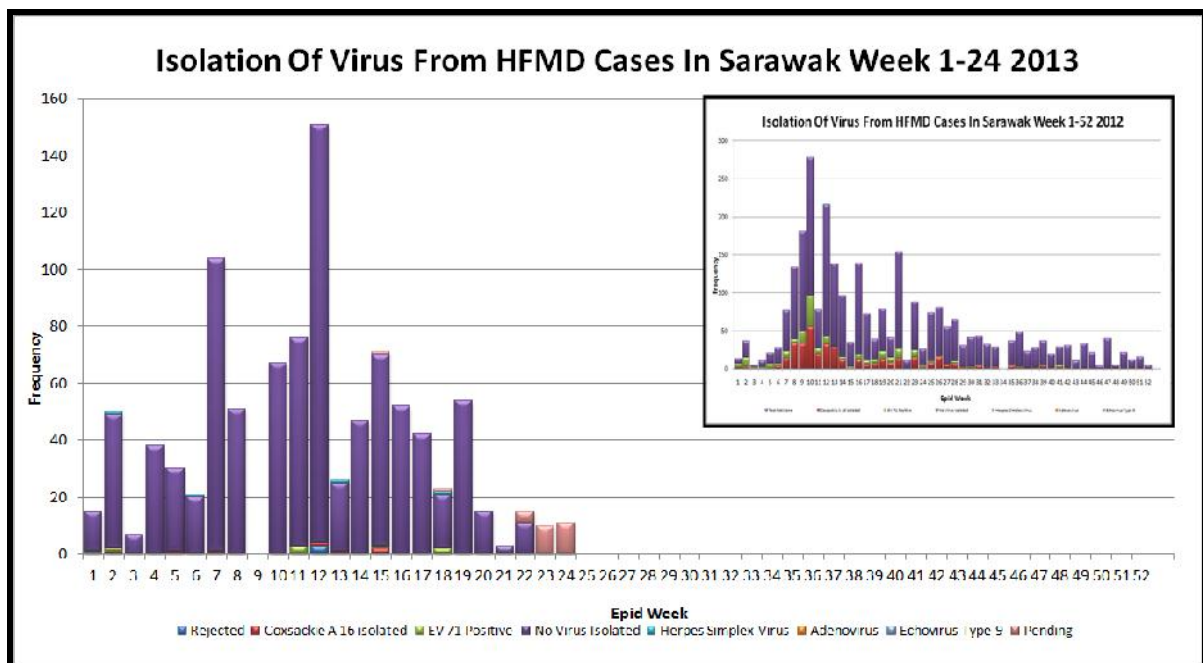
## 11. LABORATORY BASED SURVEILLANCE

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

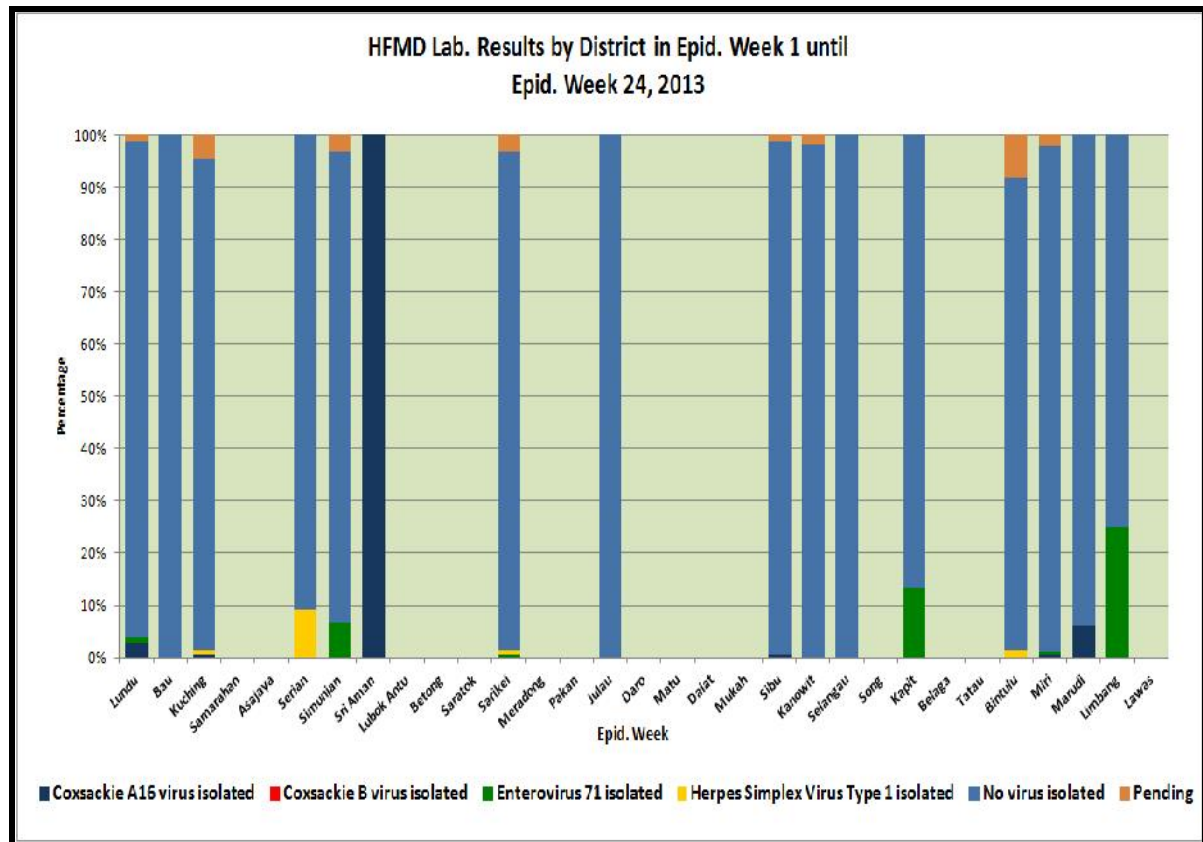


\* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

### 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 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 Sibu Dr. Muhamad Rais Abdullah	Pejabat Kesihatan Bahagian Sibu Tingkat 5, Wisma Persekutuan, Persiaran Brooke, 96000 Sibu	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. Rafele	Pejabat Kesihatan Bahagian Mukah Jalan Haji Muhammad Pauzi 96400 Mukah	dho_mukah@yahoo.com	Tel : 084-873301 Fax : 084-872963 Hp : 013-8014700
12	Pegawai 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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cdcjkns@gmail.com



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

**Note:**

1. The data may be subject to change. Any enquiries please call CDC Section, Sarawak Health Department.
2. Prepared by CPRC (Crisis Preparedness and Response Centre), Communicable Disease Control Section, Sarawak Health Department.
3. Any comments or new ideas on Sarawak Weekly Epid. News are greatly appreciated.