



# SARAWAK

## WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 34

19<sup>th</sup> - 25<sup>th</sup> August 2012

### INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

HFMD Outbreak  
Cholera Outbreak  
Food Poisoning  
Dengue Outbreak

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**SARAWAK**  
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

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## 2. NEW OUTBREAKS/CLUSTERS

No	Disease	District	Locality	Case (No)	Outbreak declared
1	Food Poisoning	Sarikei	Chinese Settlement, Sg. Bayong, Sarikei	4	20 <sup>th</sup> August 2012
2	Dengue	Bau	Tmn. Dayu, Sebuku	2	20 <sup>th</sup> August 2012
3		Bintulu	Kemena Commercial Centre	2	21 <sup>th</sup> August 2012
4		Bintulu	Tmn. Lucky Tower	2	24 <sup>th</sup> August 2012
5		Julau	Rh. Eddy Jemat, Ng. Kelangas	2	22 <sup>th</sup> August 2012

### Summary:

#### 2.1 Food Poisoning

The food poisoning outbreak in Sarikei district involving family members was related to 'Sup Sayur Lobak '. The suspected agent is *pesticides*(*Organo chlorine*).

## 2.1 HFMD CLUSTERS SUMMARY

Division	Category of Cluster				Total
	Family	School	Kindergarten	Child Care Centre	
Kuching	0	0	0	0	0
Samarahan	0	0	0	0	0
Sri Aman	0	0	0	0	0
Betong	1	0	0	0	1
Sarikei	2	0	0	0	2
Mukah	0	0	0	0	0
Sibu	4	0	0	0	4
Kapit	1	0	0	0	1
Bintulu	0	0	0	0	0
Miri	1	0	0	0	1
Limbang	0	0	0	0	0
<b>Total</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>

### 3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 34, 2012

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							
Bau						3					2																
Kuching						1			4		58		1														1
Samarahan											2																
Asajaya																											
Simunjan						1					1																
Serian										1	10																1
Sri Aman						2					3																
L/ Antu						3																					
Betong						3					5																
Saratok						1					1																
Sarikei						2					6		1														1
Meradong											3																
Pakan						2					2										3						
Julau						3							2								1						
Daro											1		1								3						
Matu											6																
Dalat																											
Mukah				1						3																	
Sibu										1	33		2								7						
Kanowit						2							2								2						
Selangau													1								2						
Song													3														
Kapit	0/1					2					7		2						1		2						
Belaga											7		2								6						
Tatau													3														
Bintulu				110		6					5		1														
Miri											14																
Marudi						1							9														
Limbang											2										1						
Lawas						1							1														
TOTAL (Week 34)	0/1	0	0	111	0	33	0	0	4	5	169	0	31	0	0	0	0	0	1	0	28	0	0	0	0	0	3
Total (2012)	97/60	0	0	111	0	672	10	0	1092	280	10991	33	784	3	155	0	0	0	158	1	1313	9	0	85	2	0	173
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	0

\* 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. New case reported

One food poisoning (4 cases) occurred at Chinese Settlement, Sg. Bayong, Sarikei. The possibility of implicated food is 'Sup Sayur Lobak' .

Two suspected dysentery case reported from Kuching district.

##### 4.2. Cumulative cases from Epid Week 1-34, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	9	14	1	12	3	0	0	2
Samarahan	7	9	0	1	0	0	0	0
Sri Aman	2	1	0	0	3	0	0	0
Betong	4	4	1	1	0	0	0	0
Sarikei	6	23	5	3	2	0	0	0
Sibu	4	5	1	2	0	0	0	1
Kapit	1	7	0	2	0	0	0	0
Mukah	4	1	2	2	1	1	0	0
Bintulu	2	11	0	0	0	110	0	0
Miri	7	4	0	0	0	0	0	0
Limbang	1	1	0	0	0	0	0	0
<b>Sarawak</b>	<b>50</b>	<b>80</b>	<b>10</b>	<b>23</b>	<b>9</b>	<b>111</b>	<b>0</b>	<b>3</b>

Note: S = Suspected; C = Confirmed

##### Note:

- Out of 50 food poisoning outbreak, five were related to Susu 1 Malaysia and seven were related to mushroom poisoning.
- The etiological agent for ten confirmed dysentery cases are *Enteropathogenic e coli* (Mukah and Sarikei), *Shewanella putrefaciens* (Saratok), *Shigella sp* (Dalat), *Pleiomonas shigelloidis* (Kuching), *Shigella Sonnei* (Sibu), *Salmonella* (Meradong-4).
- Out of seven confirmed typhoid cases, four are *Salmonella paratyphii* and three are *Salmonella typhii*.
- Out of 1133 suspected cholera outbreak in Bintulu, 110 were confirmed cholera.
- 1 case of Cholera reported from Mukah district.

## 5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

### 5.1. New case reported

No suspected measles cases reported.

### 5.2. Total number of Vaccine Preventable Diseases Reported by division from Epid Week 1-34, 2012

Division	TYPES OF DISEASES								
	Measles					Rubella	Tetanus	Whooping Cough	
	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirmed	C	S	C
		Lab. Confirmed	Clinically Confirmed	Epid. Link					
Kuching	96	24	3	10	21	2	0	15	3
Samarahan	17	2	0	1	10	0	0	0	0
Sri Aman	22	3	1	0	12	2	0	0	0
Betong	9	3	0	0	1	0	0	0	0
Sarikei	53	3	0	0	28	0	0	1	0
Sibu	3	2	0	0	1	0	1	6	0
Kapit	6	0	0	0	3	0	1	2	0
Mukah	1	0	0	0		0	0	0	0
Bintulu	138	33	1	13	36	7	0	0	0
Miri	169	47	0	0	89	1	0	8	0
Limbang	21	7	0	0	5	0	0	0	0
<b>Sarawak</b>	<b>535</b>	<b>124</b>	<b>5</b>	<b>24</b>	<b>206</b>	<b>12</b>	<b>2</b>	<b>32</b>	<b>3</b>

Note: S = suspected; C = confirmed

Case Definition of measles:

**Any person with**

**Fever and maculopapular rash and; conjunctivitis or cough or coryza**

**Or**

**Any person in whom a clinician suspects a measles infection.**

Source: Measles Prevention and Control in Malaysia. Handbook for Healthcare Personnel,  
MOH, December 2006

### 5.2.1. Measles Elimination Programme (MEP) Achievement by Division in Epid. Week 34, 2012

Division	No. Of cases	Indicator High Quality Surveillance (>80%)		
		% of Suspected cases Notified within 24 hours	% of suspected cases with adequate Investigation within 48 hours of notification	% of suspected cases with adequate blood specimens
Kuching	0	-	-	-
Samarahan	0	-	-	-
Sri Aman	0	-	-	-
Betong	0	-	-	-
Sarikei	0	-	-	-
Sibu	0	-	-	-
Kapit	0	-	-	-
Mukah	0	-	-	-
Bintulu	0	-	-	-
Miri	0	-	-	-
Limbang	0	-	-	-
<b>Sarawak</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Strategies of MEP:

- Measles Incidence Rate < 1/1 million population
- Effective Enhanced Surveillance Programme
- Measles Vaccination coverage > 95%

### 5.4. Acute Flaccid Paralysis (AFP)

Cumulative cases of AFP reported in 2012 is four from Kuching (1), Serian(1), Bintulu(1) and Miri(1) district. Expected number for AFP in Sarawak is seven. Three cases are discard as category 1.

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

### 6.1 Notified HIV/AIDS cases for Epid. Week 34, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 34, 2012.

District / Division	2012			
	EW 34		Cumulative	
	HIV	AIDS	HIV	AIDS
Lundu	0	0	0	0
Bau	0	0	1	0
Kuching	0	0	24	13
KUCHING	0	0	25	13
Samarahan	0	0	3	2
Asajaya	0	0	2	1
Simunjan	0	0	3	1
Serian	0	0	2	2
SAMARAHAN	0	0	8	5
Sri Aman	0	0	2	2
LubokAntu	0	0	0	0
SRI AMAN	0	0	1	1
Betong	0	0	0	0
Saratok	0	0	0	0
BETONG	0	0	0	0
Sarikei	0	0	1	1
Meradong	0	0	1	1
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	0	0	2	2
Daro	0	0	0	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	1	0
MUKAH	0	0	1	0
Sibu	0	0	9	9
Kanowit	0	0	1	0
Selangau	0	0	0	0
SIBU	0	0	10	9
Song	0	0	0	0
Kapit	0	1	0	2
Belaga	0	0	0	0
KAPIT	0	1	0	2
Tatau	0	0	0	0
Bintulu	0	0	2	2
BINTULU	0	0	2	2
Miri	0	0	12	4
Marudi	0	0	0	0
MIRI	0	0	12	4
Limbang	0	0	2	3
Lawas	0	0	2	1
LIMBANG	0	0	4	4
Sarawak	0	1	97	60

No HIV cases reported. One AIDS cases reported from Kapit(1) district in Epid Week 34,2012.

EW = Epid. Week; Cum. = Cumulative figure



**3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 34, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid.Week 34, 2012.**

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 34	Cum.	EW 34	Cum.
Lundu	0	4	0	3
Bau	0	7	0	2
Kuching	0	124	0	54
<b>KUCHING</b>	<b>0</b>	<b>135</b>	<b>0</b>	<b>59</b>
Samarahan	0	18	0	12
Asajaya	0	13	0	6
Simunjan	0	6	0	4
Serian	1	7	0	1
<b>SAMARAHAN</b>	<b>1</b>	<b>44</b>	<b>0</b>	<b>23</b>
Sri Aman	0	4	0	15
LubokAntu	0	1	0	4
<b>SRI AMAN</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>19</b>
Betong	0	2	0	1
Saratok	0	0	0	0
<b>BETONG</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>
Sarikei	0	2	0	3
Meradong	0	2	0	0
Pakan	0	0	0	0
Julau	0	1	0	1
<b>SARIKEI</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>4</b>
Daro	0	4	0	2
Matu	0	8	0	0
Dalat	0	0	0	0
Mukah	3	8	0	3
<b>MUKAH</b>	<b>3</b>	<b>20</b>	<b>0</b>	<b>5</b>
Sibu	1	34	0	26
Kanowit	0	0	0	0
Selangau	0	2	0	1
<b>SIBU</b>	<b>1</b>	<b>36</b>	<b>0</b>	<b>27</b>
Song	0	0	0	0
Kapit	0	2	1	3
Belaga	0	0	0	0
<b>KAPIT</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>
Tatau	0	0	0	0
Bintulu	0	4	0	4
<b>BINTULU</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>4</b>
Miri	0	18	0	6
Marudi	0	3	0	1
<b>MIRI</b>	<b>0</b>	<b>21</b>	<b>0</b>	<b>7</b>
Limbang	0	4	0	4
Lawas	0	2	0	2
<b>LIMBANG</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>6</b>
<b>Sarawak</b>	<b>5</b>	<b>280</b>	<b>1</b>	<b>158</b>

**Gonorrhoea**

Five cases reported in Epid Week 34, 2012 from Serian(1), Mukah(3) and Sibu(1) district.

**Syphilis**

One case reported in Epid Week 34, 2012 from Kapit district.

EW = Epid. Week; Cum. = Cumulative figure

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

### 7.1 Notified Tuberculosis cases for Epid. Week 34, 2012 compared to Epid. Week 34, 2011 and cumulative cases until Epid. Week 34, 2012.

District / Division	2012		2011		
	EW 34	Cum.	EW 34	Cum.	Total
Lundu	1	19	0	13	22
Bau	0	28	2	30	42
Kuching	0	265	6	231	365
<b>KUCHING</b>	<b>1</b>	<b>312</b>	<b>8</b>	<b>274</b>	<b>429</b>
Samarahan	0	15	0	30	46
Asajaya	0	10	0	15	29
Simunjan	0	26	0	23	37
Serian	0	22	1	38	61
<b>SAMARAHAN</b>	<b>0</b>	<b>73</b>	<b>1</b>	<b>106</b>	<b>173</b>
Sri Aman	0	36	2	34	58
LubokAntu	0	20	0	35	49
<b>SRI AMAN</b>	<b>0</b>	<b>56</b>	<b>2</b>	<b>69</b>	<b>107</b>
Betong	0	32	1	30	43
Saratok	0	30	0	32	55
<b>BETONG</b>	<b>0</b>	<b>62</b>	<b>1</b>	<b>62</b>	<b>98</b>
Sarikei	0	32	0	34	51
Meradong	0	26	1	17	29
Pakan	3	14	0	14	22
Julau	1	15	2	17	22
<b>SARIKEI</b>	<b>4</b>	<b>87</b>	<b>3</b>	<b>82</b>	<b>124</b>
Daro	3	13	1	20	27
Matu	0	1	0	3	4
Dalat	0	5	0	9	14
Mukah	0	37	0	27	44
<b>MUKAH</b>	<b>3</b>	<b>56</b>	<b>1</b>	<b>59</b>	<b>89</b>
Sibu	7	143	7	114	175
Kanowit	2	25	0	20	42
Selangau	2	23	1	24	32
<b>SIBU</b>	<b>11</b>	<b>191</b>	<b>8</b>	<b>158</b>	<b>249</b>
Song	0	10	1	13	23
Kapit	2	35	2	33	60
Belaga	6	25	0	34	40
<b>KAPIT</b>	<b>8</b>	<b>70</b>	<b>3</b>	<b>80</b>	<b>123</b>
Tatau	0	22	0	28	43
Bintulu	0	94	4	128	187
<b>BINTULU</b>	<b>0</b>	<b>116</b>	<b>4</b>	<b>156</b>	<b>230</b>
Miri	0	196	7	208	306
Marudi	0	44	1	44	61
<b>MIRI</b>	<b>0</b>	<b>240</b>	<b>8</b>	<b>252</b>	<b>367</b>
Limbang	1	31	1	30	42
Lawas	0	19	1	18	24
<b>LIMBANG</b>	<b>1</b>	<b>50</b>	<b>2</b>	<b>48</b>	<b>66</b>
<b>Sarawak</b>	<b>28</b>	<b>1313</b>	<b>41</b>	<b>1346</b>	<b>2055</b>

EW = Epid. Week; Cum. = Cumulative figure

### 7.2 Notified Leprosy cases for Epid. Week 34, 2012 compared to Epid. Week 34, 2011 and cumulative cases until Epid. Week 34, 2012.

District / Division	2012		2011		
	EW 34	Cum.	EW 34	Cum.	Total
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	1	3
<b>KUCHING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	1	0	0	0
Serian	0	0	0	0	0
<b>SAMARAHAN</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
Sri Aman	0	0	0	0	0
LubokAntu	0	0	0	0	0
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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	0
Meradong	0	0	0	0	0
Pakan	0	3	0	0	0
Julau	0	0	0	0	0
<b>SARIKEI</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>
Daro	0	0	0	0	0
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	3	0	0	1
<b>MUKAH</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>
Sibu	0	5	0	1	1
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
<b>SIBU</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>1</b>
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	3	6
<b>KAPIT</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>6</b>
Tatau	0	0	0	0	0
Bintulu	0	2	0	1	1
<b>BINTULU</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>
Miri	0	11	0	0	4
Marudi	0	6	0	0	5
<b>MIRI</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>9</b>
Limbang	0	1	0	3	4
Lawas	0	0	0	0	0
<b>LIMBANG</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>4</b>
<b>Sarawak</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>10</b>	<b>25</b>

### 7.3 Notified Tuberculosis (all forms) Case Classification as on 25<sup>th</sup> August 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 34	Cum.	EW 34	Cum.	EW 34	Cum.
Lundu	1	13	0	2	0	4
Bau	0	23	0	5	0	0
Kuching	0	160	0	78	0	27
<b>KUCHING</b>	<b>1</b>	<b>196</b>	<b>0</b>	<b>85</b>	<b>0</b>	<b>31</b>
Samarahan	0	14	0	0	0	1
Asajaya	0	5	0	2	0	3
Simunjan	0	21	0	4	0	1
Serian	0	17	0	2	0	3
<b>SAMARAHAN</b>	<b>0</b>	<b>57</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>
Sri Aman	0	26	0	6	0	4
LubokAntu	0	17	0	2	0	1
<b>SRI AMAN</b>	<b>0</b>	<b>43</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>5</b>
Betong	0	26	0	2	0	4
Saratok	0	26	0	3	0	1
<b>BETONG</b>	<b>0</b>	<b>52</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>
Sarikei	0	18	0	7	0	7
Meradong	0	15	0	11	0	0
Pakan	0	4	2	8	1	2
Julau	0	6	1	9	0	0
<b>SARIKEI</b>	<b>0</b>	<b>43</b>	<b>3</b>	<b>35</b>	<b>1</b>	<b>9</b>
Daro	3	11	0	2	0	0
Matu	0	1	0	0	0	0
Dalat	0	5	0	0	0	0
Mukah	0	28	0	5	0	4
<b>MUKAH</b>	<b>3</b>	<b>45</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>4</b>
Sibu	5	94	1	29	1	20
Kanowit	2	16	0	4	0	5
Selangau	1	14	0	3	1	6
<b>SIBU</b>	<b>8</b>	<b>124</b>	<b>1</b>	<b>36</b>	<b>2</b>	<b>31</b>
Song	0	6	0	3	0	1
Kapit	1	18	0	7	1	10
Belaga	2	14	4	5	0	6
<b>KAPIT</b>	<b>3</b>	<b>38</b>	<b>4</b>	<b>15</b>	<b>1</b>	<b>17</b>
Tatau	0	13	0	8	0	1
Bintulu	0	52	0	38	0	4
<b>BINTULU</b>	<b>0</b>	<b>65</b>	<b>0</b>	<b>46</b>	<b>0</b>	<b>5</b>
Miri	0	144	0	38	0	14
Marudi	0	27	0	11	0	6
<b>MIRI</b>	<b>0</b>	<b>171</b>	<b>0</b>	<b>49</b>	<b>0</b>	<b>20</b>
Limbang	1	28	0	2	0	1
Lawas	0	12	0	1	0	6
<b>LIMBANG</b>	<b>1</b>	<b>40</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>7</b>
<b>Sarawak</b>	<b>16</b>	<b>874</b>	<b>8</b>	<b>297</b>	<b>4</b>	<b>142</b>

EW = Epid. Week; Cum. = Cumulative figure

#### Tuberculosis (all forms)

28 cases were reported in Epid Week 34,2012. As on 25<sup>th</sup> August 2012, the cumulative is 1313.

#### 7.4 Notified Tuberculosis (all forms) Patient Classification as on 25<sup>th</sup> August 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 34	Cum.	*Exposed		*Not exposed		EW 34	Cum.	EW 34	Cum.	EW 34	Cum.
			EW 34	Cum.	EW 34	Cum.						
Lundu	0	0	0	0	0	0	0	0	0	1	0	0
Bau	0	0	0	1	0	0	0	0	0	0	0	0
Kuching	0	2	0	3	0	0	0	2	0	11	0	0
KUCHING	0	2	0	4	0	0	0	2	0	12	0	0
Samarahan	0	0	0	0	0	0	0	0	0	1	0	0
Asajaya	0	0	0	0	0	0	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0	0	0	0	2	0	0
Serian	0	2	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	0	2	0	0	0	0	0	0	0	3	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	0	0	0
LubokAntu	0	1	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	1	0	0	0	0	0	0	0	0	0	0
Betong	0	0	0	0	0	0	0	0	0	9	0	0
Saratok	0	0	0	0	0	0	0	0	0	0	0	0
BETONG	0	0	0	0	0	0	0	0	0	9	0	0
Sarikei	0	0	0	2	0	0	0	0	0	2	0	0
Meradong	0	2	0	0	0	0	0	0	0	0	0	0
Pakan	0	0	0	0	0	0	0	0	0	0	0	0
Julau	0	0	0	0	0	0	0	0	0	0	0	0
SARIKEI	0	2	0	2	0	0	0	0	0	2	0	0
Daro	0	0	0	0	0	0	0	0	0	2	0	0
Matu	0	0	0	0	0	0	0	0	0	0	0	0
Dalat	0	0	0	1	0	0	0	0	0	0	0	0
Mukah	0	1	0	0	0	0	0	0	0	2	0	0
MUKAH	0	1	0	1	0	0	0	0	0	4	0	0
Sibu	0	6	0	2	0	0	0	1	0	3	0	0
Kanowit	0	0	0	0	0	0	0	0	0	1	0	0
Selangau	0	3	0	0	0	0	0	0	0	3	0	0
SIBU	0	9	0	2	0	0	0	1	0	7	0	0
Song	0	0	0	0	0	0	0	0	0	0	0	0
Kapit	1	5	0	0	0	0	0	0	0	0	0	0
Belaga	0	1	0	1	0	0	0	0	1	1	0	0
KAPIT	0	6	0	1	0	0	0	0	1	1	0	0
Tatau	0	0	0	0	0	0	0	0	0	16	0	0
Bintulu	0	7	0	1	0	0	0	0	0	16	0	0
BINTULU	0	7	0	1	0	0	0	0	0	32	0	0
Miri	0	2	0	2	0	0	0	1	0	15	0	0
Marudi	0	5	0	0	0	0	0	0	0	2	0	0
MIRI	0	7	0	2	0	0	0	1	0	17	0	0
Limbang	0	1	0	0	0	0	0	0	0	0	0	0
Lawas	0	0	0	0	0	0	0	0	0	0	0	0
LIMBANG	0	1	0	0	0	0	0	0	0	0	0	0
<b>Sarawak</b>	<b>1</b>	<b>38</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>87</b>	<b>0</b>	<b>0</b>

EW = Epid. Week; Cum. = Cumulative figure; KKM=Ministry of Health Malaysia

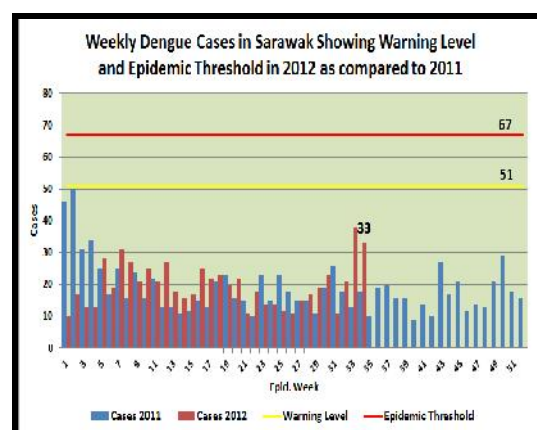
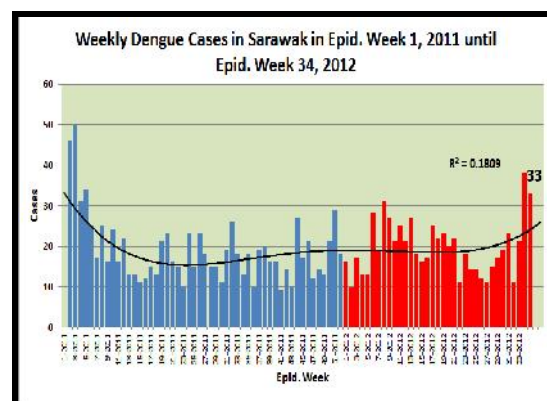
\* Possibility of exposed or not exposed to TB patient

**Figure for TB notified cases are based on registered TB cases in e-Notifikasi system.**

## 8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

### 8.1. Notified Dengue cases for Epid. Week 34, 2012 compared to Epid. Week 34, 2011 and cumulative cases until Epid. Week 34, 2012.

District	2012		2011		Total
	EW 34	Cum.	EW 34	Cum.	
Lundu	0	9	0	9	10
Bau	3	18	0	19	36
Kuching	1	93	2	77	106
Samarahan	0	27	0	15	21
Asajaya	0	4	0	4	4
Serian	1	10	1	12	18
Simunjan	0	11	0	9	19
Sri Aman	2	25	1	35	56
Lubok Antu	3	13	0	16	23
Betong	3	32	0	10	13
Saratok	1	18	1	5	11
Sarikei	2	24	0	16	28
Meradong	0	15	0	10	14
Pakan	2	23	1	13	23
Julau	3	18	1	11	17
Daro	0	4	0	6	6
Matu	0	0	0	1	1
Dalat	0	7	0	2	3
Mukah	0	5	0	4	5
Sibu	0	32	1	53	75
Kanowit	2	10	0	22	31
Selangau	0	4	0	7	10
Song	0	8	0	10	10
Kapit	2	36	0	27	32
Belaga	0	12	1	20	27
Tatau	0	21	0	30	47
Bintulu	6	55	1	85	100
Miri	0	91	6	84	134
Marudi	1	25	1	40	59
Limbang	0	10	0	14	20
Lawas	1	12	1	6	15
<b>Sarawak</b>	<b>33</b>	<b>672</b>	<b>18</b>	<b>672</b>	<b>974</b>



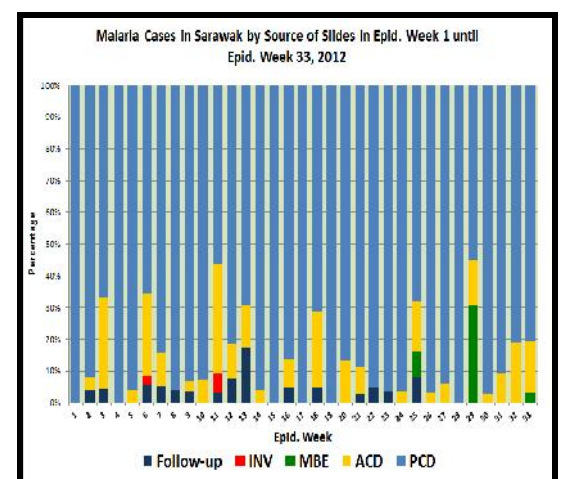
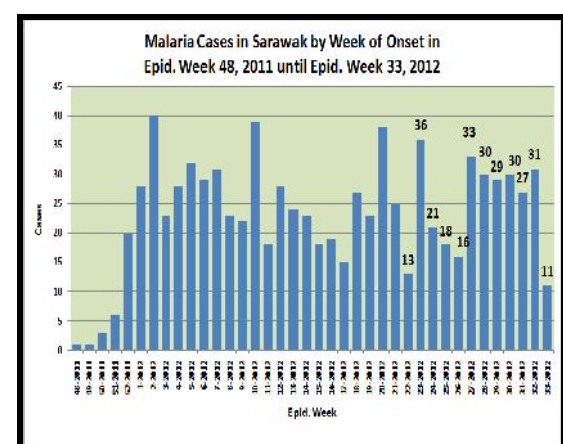
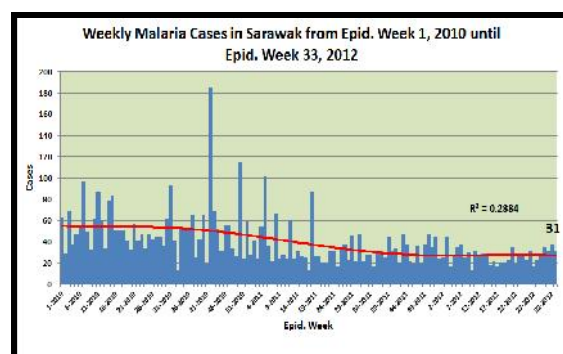
In 2012, a total of 33 dengue cases were reported for Week 34 (26h August, 2012) as compared to 18 cases during the same period in 2011. There is a decreased of 5 cases from the previous week (Week 33,2012). Four (4) new outbreak localities reported from Bintulu (2), Bau(1) and Lawas(1). Four (4) outbreak locality were still active reported, in Betong, Bintulu, Lubok Antu and Lawas.

EW = Epid. Week; Cum. = Cumulative figure



**8.2. Notified Malaria cases for Epid. Week 33, 2012 compared to Epid. Week 33, 2011 and cumulative cases until Epid. Week 33 in 2012.**

District	2012		2011		Total
	EW 33	Cum.	EW 33	Cum.	
Lundu	0	9	0	24	33
Bau	0	0	0	3	5
Kuching	1	17	1	13	23
Samarahan	0	3	0	2	3
Asajaya	0	0	0	0	1
Serian	0	4	0	16	21
Simunjan	0	2	0	2	2
Sri Aman	0	10	1	9	17
Lubok Antu	0	21	0	13	25
Betong	0	32	0	26	47
Saratok	0	14	0	1	3
Sarikei	1	15	0	15	16
Meradong	0	4	0	8	9
Pakan	0	29	0	16	29
Julau	2	45	0	47	69
Daro	1	4	0	1	2
Matu	0	1	0	0	2
Dalat	0	3	0	8	10
Mukah	0	2	0	2	2
Sibu	2	50	0	27	52
Kanowit	2	39	0	56	89
Selangau	1	20	1	10	16
Song	3	53	0	43	78
Kapit	2	120	7	141	230
Belaga	2	80	5	89	139
Tatau	3	16	0	20	34
Bintulu	1	20	0	29	39
Miri	0	20	1	21	40
Marudi	9	187	12	472	670
Limbang	0	19	0	12	21
Lawas	1	45	0	25	34
<b>Sarawak</b>	<b>31</b>	<b>884</b>	<b>28</b>	<b>1151</b>	<b>1761</b>



A total of 31 cases were reported on week 33, 2012. Cumulative cases till week 32 were 884 cases. Of the 884 cases, 187 cases (21%) from Marudi District, 120 cases (14%) from Kapit District and 80 cases (9%) Belaga District.

Notes: 1) EW = Epid. Week; Cum. = cumulative figure; 2) All Malaria cases should be notified within 24 hours (Source: Vector Borne Disease Control Section, Sarawak Health Department)

### 8.2.1. Malaria cases by slide source

Slides source	2012	
	EW 33	Cum.
Passive Case Detection (PCD)	25	758
Active Case Detection (ACD)	5	89
Investigation slides ( INV)	0	3
Mass Blood Survey (MBS)	1	10
Follow-up	0	24
<b>Total</b>	<b>31</b>	<b>884</b>

### 8.2.2. Malaria cases by species

Species	2012	
	EW 33	Cum.
<i>P. vivax</i>	13	300
<i>P. falciparum</i>	2	51
<i>P. malariae</i>	1	6
<i>P. knowlesi</i>	15	520
<i>P. ovale</i>	0	4
Mixed	0	3
<b>Total</b>	<b>31</b>	<b>884</b>

### 8.2.3. Malaria cases by case classification

Classification	2012	
	EW 33	Cum.
Indigenous	24	701
*Imported A	7	146
Relapsed	0	37
Congenital	0	0
<b>Total</b>	<b>31</b>	<b>884</b>

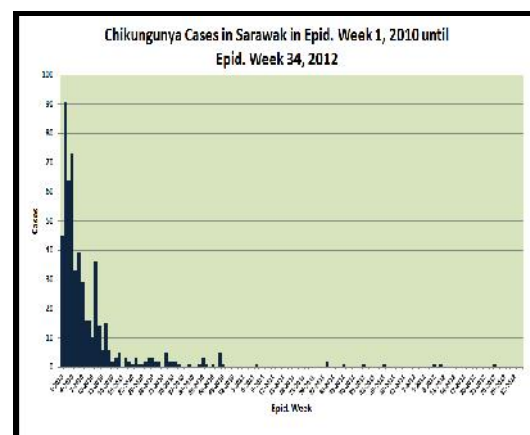
### 8.2.4. The summary of the \*Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Species
1	Daro	Pulau Samba, Indonesia	Indonesian	30	Male	<i>P. vivax</i>
2	Tatau	KKB Forest Venture, Liberia	Malaysian	47	Male	<i>P. malariae</i>
3	Sibu	Haryana, India	Indian	25	Male	<i>P. vivax</i>
4	Julau	KKB Police Venture, Afrika	Malaysian	38	Male	<i>P. falciparum</i>
5	Sibu	Channi, India	Indian	18	Male	<i>P. vivax</i>
6	Belaga	Bontalia Timur Ltd. Papua New Guinea	Malaysian	45	Male	<i>P. falciparum</i>
7	Bintulu	Forest Venture, Riverside, Liberia	Malaysian	51	Male	<i>P. knowlesi</i>

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

**8.3. Notified Chikungunya cases for Epid. Week 34, 2012 compared to Epid. Week 34, 2011 and cumulative cases until Epid. Week 34 in 2012.**

District	2012		2011		Total
	EW 34	Cum.	EW 34	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	1	1
Samarahan	0	0	0	0	0
Asajaya	0	1	0	0	1
Serian	0	0	0	1	1
Simunjan	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Pakan	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	1
Matu	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
Selangau	0	0	0	0	0
Song	0	1	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	0	0
Tatau	0	0	0	0	0
Bintulu	0	0	0	0	0
Miri	0	0	0	0	0
Marudi	0	0	0	1	1
Limbang	0	0	0	0	0
Lawas	0	0	0	0	0
Sarawak	0	3	0	4	6



**Chikungunya**

No case of Chikungunya was reported in week 34, 2012. During the same period in 2011, no case was reported. The cumulative case of Chikungunya for 2012 is remain as 4.

EW = Epid. Week; Cum. = Cumulative figure



#### **8.4. Filariasis**

No case of Filariasis was reported in week 34, 2012. During the same period in 2011, 0 case was reported. The cumulative case of Filariasis for 2012 is 11 cases.

#### **8.5 Japanese Encephalitis (JE)**

No case of Japanese Encephalitis (JE) was reported in week 34, 2012. During the same period in 2011, no case was reported. The cumulative case of Japanese Encephalitis for 2012 is remained 5.

### **9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES**

#### **9.1. Viral Encephalitis**

No case reported. As at 25<sup>th</sup> August 2012, only one case of Viral Encephalitis reported.

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

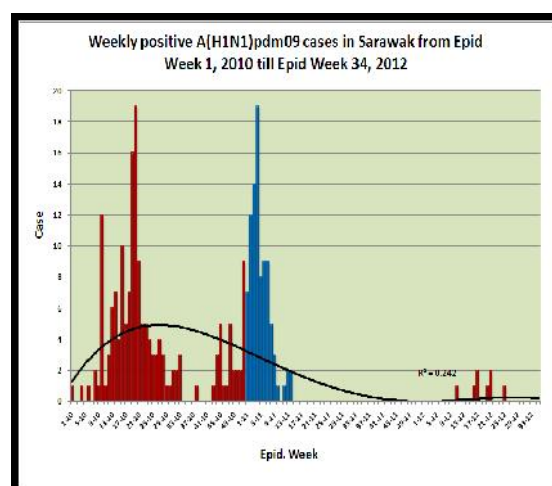
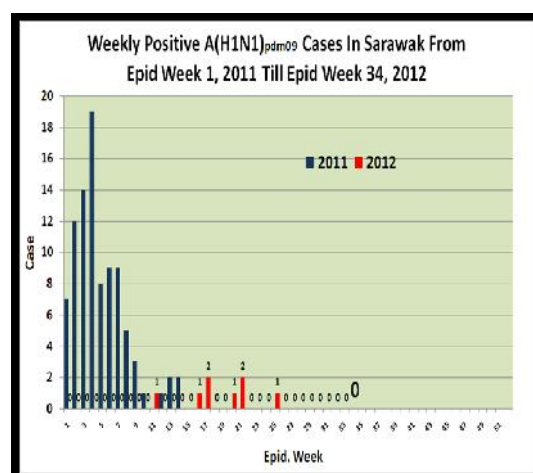
No case reported in Epid Week 34,2012. As at 25<sup>th</sup> August 2012, out of 85 viral hepatitis reported, two are Hepatitis A, 15 Acute Hepatitis B, 38 Chronic Hepatitis B, seven Acute Hepatitis C and 23 Chronic Hepatitis C .

## 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 34, 2012 compared to Epid. Week 34, 2011 and cumulative cases until Epid. Week 34 in 2012.

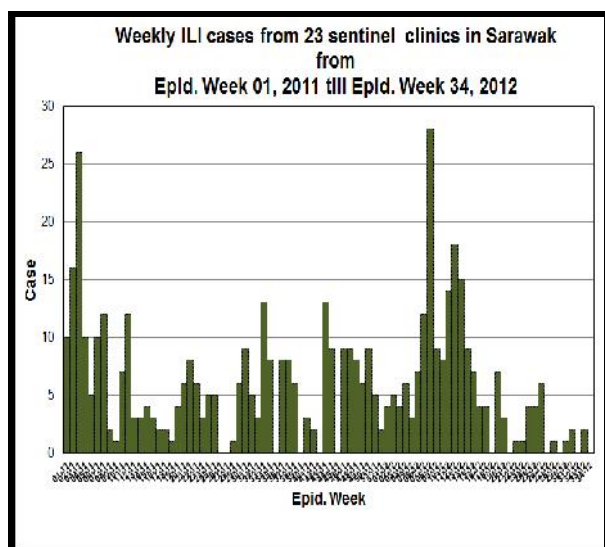
District	2012		2011		Total
	EW 34	Cum.	EW 34	Cum.	
Lundu	0	0	0	2	2
Bau	0	0	0	0	0
Kuching	0	2	0	51	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	0	1	1
Kanowit	0	0	0	0	0
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	2	2
Tatau	0	1	0	0	0
Bintulu	0	4	0	26	26
Miri	0	0	0	6	6
Marudi	0	0	0	0	0
Limbang	0	0	0	2	2
Lawas	0	0	0	1	1
<b>SARAWAK</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>92</b>	<b>92</b>



No positive case reported in Epid. Week 34, 2012. Total positive cases in 2012 remain as eight.

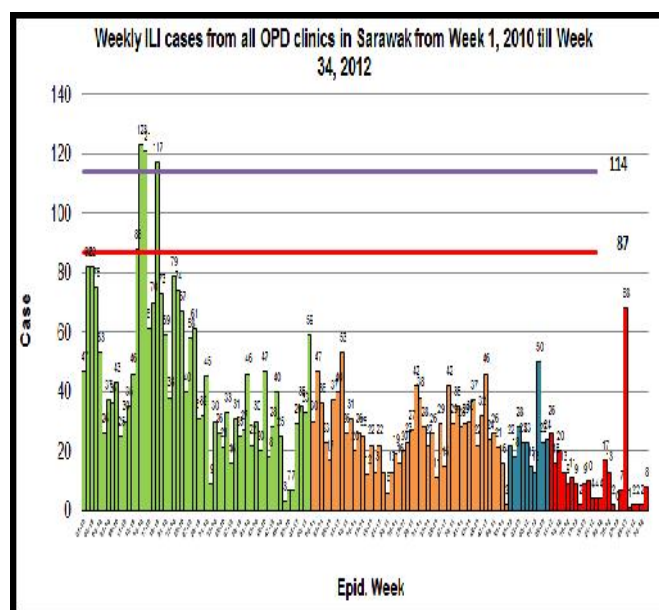
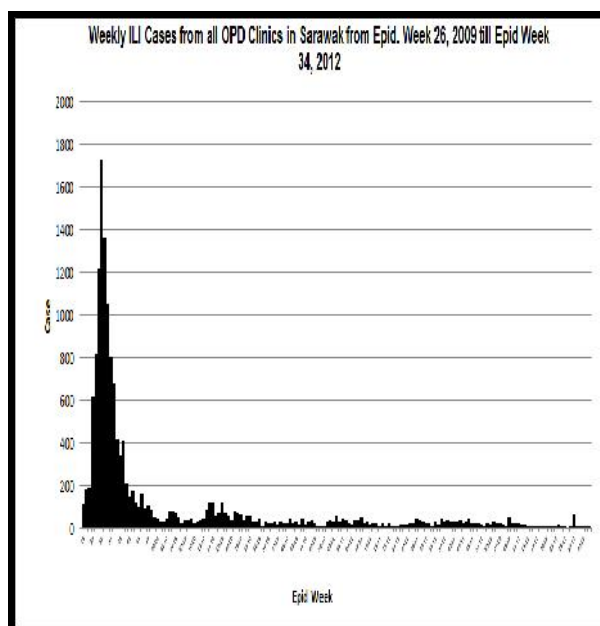
EW = Epid. Week; Cum. = cumulative figure

### 10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2010 till Epid. Week 34 in 2012.



In Epid. Week 34, 2012, two cases of ILI reported from 22 Sentinel clinics and eight cases from OPD clinics.

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

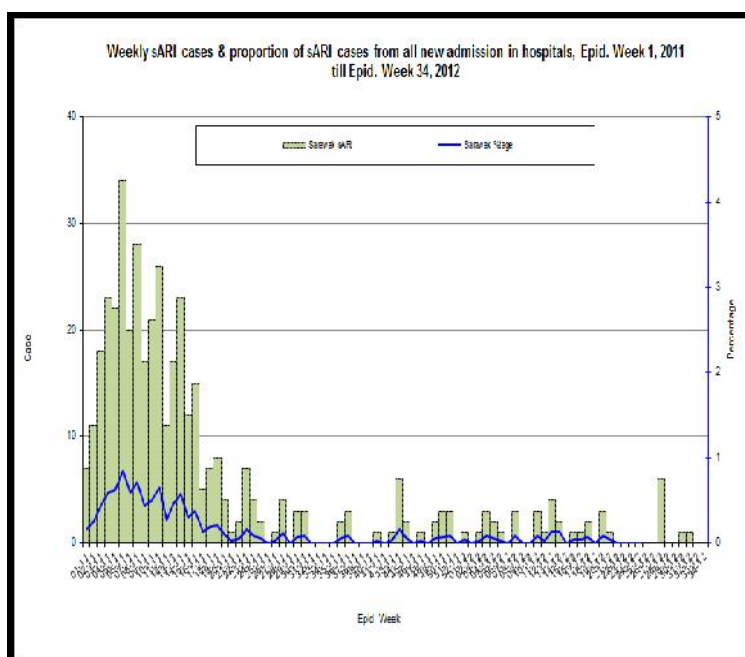


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI surveillance activities to Operations Room, CPRC Unit, CDC Section, Sarawak Health Department **BEFORE 10.00 am every day**.

### 10.1.3. New and Cumulative ILI Clusters as of 25<sup>th</sup> August 2012.

No ILI cluster reported. The last cluster was on 3<sup>rd</sup> November 2011.

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



sARI is suspected when:

1. meets ILI case definition (sudden onset of fever  $> 38^{\circ}\text{C}$  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 sARI Admission in Government Hospitals in Sarawak as on 25<sup>th</sup> August 2012.

Division	Hospital	New EW 34	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	0	37	0	0	0	0	0	0	0
	Bau	0	1	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	0	0	0	0	0	0	0	0
	Saratok	0	0	0	0	0	0	0	0	0
Sarikei	Sarikei	0	0	0	0	0	0	0	0	0
Sibu	Sibu	0	1	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	2	44	0	0	2	0	0	2	0
Miri	Miri	0	1	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		2	84	0	0	0	0	0	2	0

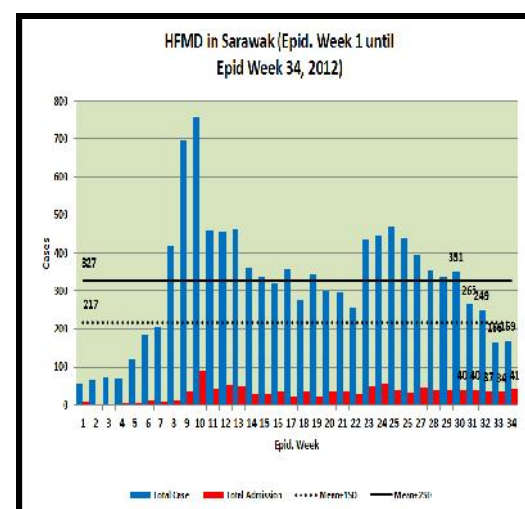
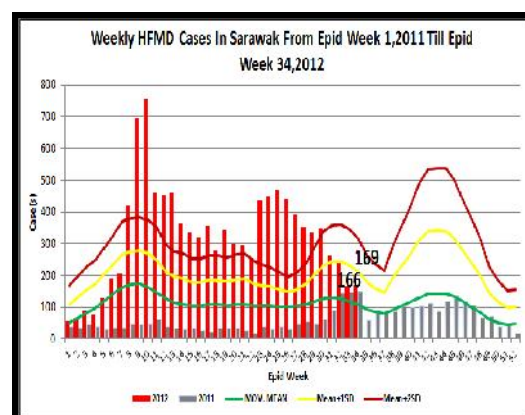
EW = Epid. Week; Cum. = Cumulative figure

Two sARI cases reported in Epid Week 34, 2012 from Bintulu Hospital. All the result for H1N1 are still pending.



**10.2. Notified HFMD (masterlist) cases for Epid. Week 34, 2012 compared to Epid. Week 34, 2011 and cumulative cases in Epid. Week 34, 2011.**

District / Division	2012		2011		Total
	EW 34	Cum.	EW 34	Cum.	
Lundu	1	217	0	19	31
Bau	2	314	12	63	149
Kuching	58	3071	20	238	602
<b>KUCHING</b>	<b>61</b>	<b>3602</b>	<b>32</b>	<b>320</b>	<b>782</b>
Samarahan	2	597	5	55	127
Asajaya	0	71	0	24	35
Simunjan	1	179	1	4	19
Serian	10	616	2	13	39
<b>SAMARAHAN</b>	<b>13</b>	<b>1463</b>	<b>8</b>	<b>96</b>	<b>220</b>
Sri Aman	3	417	5	60	97
Lubok Antu	0	80	2	10	18
<b>SRI AMAN</b>	<b>3</b>	<b>497</b>	<b>7</b>	<b>70</b>	<b>115</b>
Betong	5	296	1	31	57
Saratok	1	199	0	27	37
<b>BETONG</b>	<b>6</b>	<b>495</b>	<b>1</b>	<b>58</b>	<b>94</b>
Sarikei	6	445	4	113	188
Meradong	3	147	7	57	73
Pakan	2	77	0	4	7
Julau	0	120	0	3	32
<b>SARIKEI</b>	<b>11</b>	<b>789</b>	<b>11</b>	<b>177</b>	<b>300</b>
Daro	1	97	0	0	7
Matu	6	82	0	0	4
Dalat	0	104	0	16	84
Mukah	0	142	0	36	42
<b>MUKAH</b>	<b>7</b>	<b>425</b>	<b>0</b>	<b>52</b>	<b>137</b>
Sibu	33	685	10	76	149
Kanowit	0	44	0	19	6
Selangau	0	27	0	5	22
<b>SIBU</b>	<b>33</b>	<b>756</b>	<b>10</b>	<b>100</b>	<b>177</b>
Song	0	35	0	11	12
Kapit	7	381	0	49	64
Belaga	7	96	0	6	55
<b>KAPIT</b>	<b>14</b>	<b>512</b>	<b>0</b>	<b>66</b>	<b>131</b>
Tatau	0	95	2	23	25
Bintulu	5	750	74	443	25
<b>BINTULU</b>	<b>5</b>	<b>845</b>	<b>76</b>	<b>466</b>	<b>772</b>
Miri	14	991	2	137	324
Marudi	0	91	0	40	49
<b>MIRI</b>	<b>14</b>	<b>1082</b>	<b>2</b>	<b>177</b>	<b>373</b>
Limbang	2	433	0	8	65
Lawas	0	92	0	3	4
<b>LIMBANG</b>	<b>2</b>	<b>525</b>	<b>0</b>	<b>11</b>	<b>69</b>
<b>SARAWAK</b>	<b>169</b>	<b>10991</b>	<b>147</b>	<b>1593</b>	<b>3170</b>



A total of 169 HFMD cases reported in Epid. Week 34, 2012 compared to only 147 cases during the same period in 2011.

The top five districts with the highest total number of reported cases in 2012 were:

1. Kuching
2. Samarahan
3. Miri
4. Bintulu
5. Sarikei

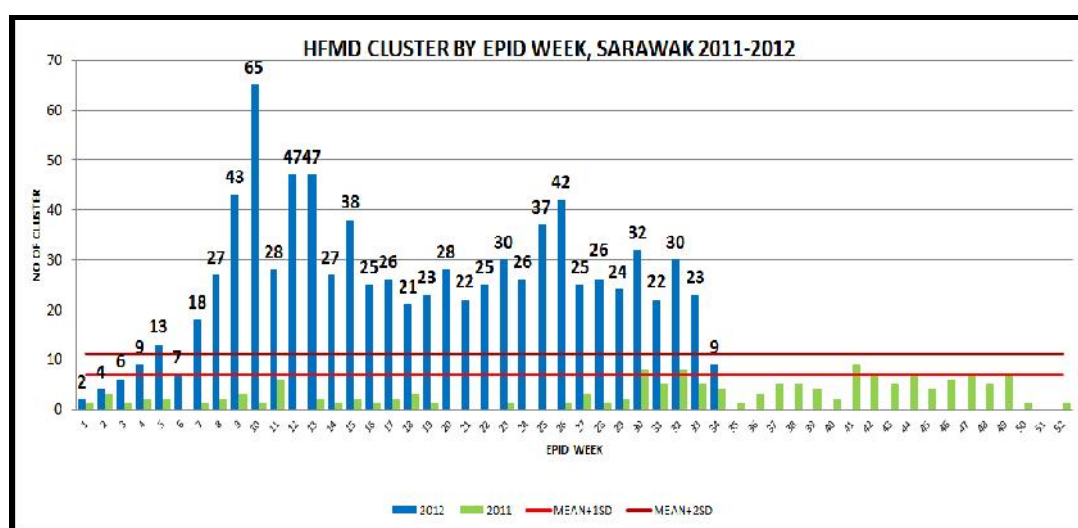
EW = Epid. Week; Cum. = Cumulative figure

**10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 25<sup>th</sup> August 2012.**

District	Masterlist		Registered Case		Back Log	
	EW 34	Total	EW 34	Total	EW 34	Total
Kuching	58	3071	18	3031	40	40
Bau	2	314	2	314	0	0
Lundu	1	217	1	217	0	0
<b>KUCHING</b>	<b>61</b>	<b>3602</b>	<b>21</b>	<b>3562</b>	<b>40</b>	<b>40</b>
Samarahan	2	597	0	556	2	41
Asajaya	0	71	0	71	0	0
Simunjan	1	179	0	143	1	36
Serian	10	616	7	613	3	3
<b>SAMARAHAN</b>	<b>13</b>	<b>1463</b>	<b>7</b>	<b>1383</b>	<b>6</b>	<b>80</b>
Sri Aman	3	417	0	411	6	6
Lubok Antu	0	80	0	75	3	5
<b>SRI AMAN</b>	<b>3</b>	<b>497</b>	<b>0</b>	<b>486</b>	<b>9</b>	<b>11</b>
Betong	5	296	0	284	5	12
Saratok	1	199	1	199	0	0
<b>BETONG</b>	<b>6</b>	<b>495</b>	<b>1</b>	<b>483</b>	<b>5</b>	<b>12</b>
Sarikei	6	445	0	377	6	68
Meradong	3	147	0	122	3	25
Pakan	2	77	0	75	2	2
Julau	0	120	0	107	0	13
<b>SARIKEI</b>	<b>11</b>	<b>789</b>	<b>0</b>	<b>681</b>	<b>11</b>	<b>108</b>
Daro	1	97	0	93	1	4
Matu	6	82	0	47	6	35
Mukah	0	142	0	142	0	0
Dalat	0	104	0	91	0	13
<b>MUKAH</b>	<b>7</b>	<b>425</b>	<b>0</b>	<b>373</b>	<b>7</b>	<b>52</b>
Sibu	33	685	33	685	0	0
Selangau	0	27	0	27	0	0
Kanowit	0	44	0	44	0	0
<b>SIBU</b>	<b>33</b>	<b>756</b>	<b>33</b>	<b>756</b>	<b>0</b>	<b>0</b>
Kapit	7	381	0	218	7	163
Song	0	35	0	35	0	0
Belaga	7	96	0	80	7	16
<b>KAPIT</b>	<b>14</b>	<b>512</b>	<b>0</b>	<b>333</b>	<b>14</b>	<b>179</b>
Bintulu	5	750	5	750	0	0
Tatau	0	95	0	95	0	0
<b>BINTULU</b>	<b>5</b>	<b>845</b>	<b>5</b>	<b>845</b>	<b>0</b>	<b>0</b>
Miri	14	991	0	923	14	68
Marudi	0	91	0	46	0	45
<b>MIRI</b>	<b>14</b>	<b>1082</b>	<b>0</b>	<b>969</b>	<b>14</b>	<b>113</b>
Limbang	2	433	1	432	1	1
Lawas	0	92	0	78	0	14
<b>LIMBANG</b>	<b>2</b>	<b>525</b>	<b>1</b>	<b>510</b>	<b>1</b>	<b>15</b>
<b>SARAWAK</b>	<b>169</b>	<b>10991</b>	<b>68</b>	<b>10381</b>	<b>107</b>	<b>610</b>

### 10.2.2. HFMD Clusters and closure

Division	Cluster		Closure	
	EW34	Cum	EW34	Cum
Kuching	0	318	0	59
Samarahan	0	91	0	14
Sri Aman	0	15	0	0
Betong	1	42	0	10
Sarikei	2	104	0	27
Mukah	0	36	0	7
Sibu	5	55	0	0
Kapit	1	25	0	0
Bintulu	0	41	0	8
Miri	1	80	0	2
Limbang	0	76	0	6
<b>Sarawak</b>	<b>10</b>	<b>883</b>	<b>0</b>	<b>133</b>





**10.3. Notified Leptospirosis cases for Epid. Week 34, 2012 compared to Epid. Week 34, 2011 and cumulative cases till Epid.Week 34 in 2012.**

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (34) 2012	EW (34) 2011	EW (34) 2012	EW (34) 2011			
Lundu	0	0	0	0	3	7	0
Bau	0	0	0	0	5 (1)	4 (1)	1
Kuching	0	0	1	0	56 (1)	40 (2)	12
<b>KUCHING</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>64 (2)</b>	<b>51 (3)</b>	<b>13</b>
Samarahan	0	0	0	0	5	3	1
Asajaya	0	0	0	0	0	3	0
Simunjan	0	0	0	0	4	8 (1)	1
Serian	0	0	1	0	3	10 (2)	2
<b>SAMARAHAN</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>12</b>	<b>24 (2)</b>	<b>4</b>
Sri Aman	0	0	0	0	8	13 (2)	1
Lubok Antu	0	0	0	0	11	11	3 (1)
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>24 (2)</b>	<b>4 (1)</b>
Betong	0	0	0	0	6	5 (1)	0
Saratok	0	0	0	0	4	5	0
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>10 (1)</b>	<b>0</b>
Sarikei	0	0	1	0	4	1	1
Meradong	0	0	0	0	2	24	1
Pakan	0	0	0	0	2	3	1
Julau	0	0	0	0	1	0	1
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>28</b>	<b>4</b>
Daro	0	0	0	0	0	1 (1)	1
Matu	0	0	0	0	0	0	0
Dalat	0	0	0	0	0	0	0
Mukah	0	0	0	0	0	3	1
<b>MUKAH</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4 (1)</b>	<b>2</b>
Sibu	0	0	0	0	1	2	6
Kanowit	0	0	0	0	1 (1)	4	1
Selangau	0	1	0	0	2	3	0
<b>SIBU</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>9</b>	<b>7</b>
Song	0	0	0	0	1	1	2
Kapit	0	3	0	1	23	12	1
Belaga	0	0	0	0	3	7 (1)	0
<b>KAPIT</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>27</b>	<b>20 (1)</b>	<b>3</b>
Tatau	0	0	0	0	2	1	0
Bintulu	0	0	0	0	6	11 (3)	6
<b>BINTULU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>12 (3)</b>	<b>6</b>
Miri	0	0	0	0	4	12	3
Marudi	0	0	0	0	3	2	2
<b>MIRI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>14</b>	<b>5</b>
Limbang	0	0	0	0	13 (1)	2 (1)	1
Lawas	0	0	0	0	0	0	0
<b>LIMBANG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13 (1)</b>	<b>2 (1)</b>	<b>1</b>
<b>SARAWAK</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>173 (4)</b>	<b>198 (15)</b>	<b>49 (1)</b>

Note: ( ) Death; ELISA = Enzyme-Linked Immunosorbent Assay; MAT = microscopic agglutination test

Total positive = ELISA (probable) + MAT (not included equivocal result)

2011: Number of cases will depend on which Epid. Week results are received

District indicates source of infection.

**Leptospirosis was gazetted as a notifiable disease mandated by under the Prevention and Control of Infectious Disease Act 1988 on 9<sup>th</sup> December 2010 (Surat Pekeliling Ketua Pengarah Kesihatan Malaysia Bil. 33/2010**



### 10.3.1 Locality of Leptospirosis Cluster in Sarawak Epid. Week 1 until Epid. Week 34, 2012

No.	District	Locality	Number of Cases	Outbreak Declared
1	Kuching/Kota Belud	Kem Semenggo/Kem Paradise	13	20/02/2012
2	Limbang	Setuan, Tapak Kajian Pembinaan Empangan Baru	4	22/02/2012
3	Samarahan	Kpg. Entingan, Samarahan	2	08/06/2012
4	Meradong	Ulu Sg. Sebuloh	2	19/06/2012
5	Kuching	Pusat Latihan Polis (PULAPOL), Jalan Puncak Borneo, Kuching	8	12/07/2012

#### 10.4. Notified Melioidosis cases for Epid. Week 34, 2011 compared to Epid. Week 34, 2011 and cumulative cases until Epid. Week 34, 2012

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (34) 2012	EW (34) 2011	EW (34) 2012	EW (34) 2011			
Lundu	0	0	0	0	0	0	0
Bau	0	0	0	0	0	1	0
Kuching	0	0	0	0	1	4	12 (1)
<b>KUCHING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>12 (1)</b>
Samarahan	0	0	0	0	0	0	0
Asajaya	0	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0	0
Serian	0	0	0	0	0	2 (1)	1 (1)
<b>SAMARAHAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1 (1)</b>
Sri Aman	0	0	0	2	0	3	0
Lubok Antu	0	0	0	0	1	1	0
<b>SRI AMAN</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>0</b>
Betong	0	0	0	0	0	0	2
Saratok	0	0	0	0	0	0	1 (1)
<b>BETONG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3 (1)</b>
Sarikei	0	0	0	0	0	0	2
Meradong	0	0	0	0	0	0	2
Pakan	0	0	0	0	0	0	0
Julau	0	0	0	0	0	0	2
<b>SARIKEI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>
Daro	0	0	0	0	0	0	0
Matu	0	0	0	0	0	0	0
Dalat	0	0	0	0	1	0	1
Mukah	0	0	0	2	0	2	3 (1)
<b>MUKAH</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>4 (1)</b>
Sibu	0	0	0	0	0	1	5 (1)
Kanowit	0	0	0	0	0	1	1
Selangau	0	0	0	0	1 (1)	4	6 (2)
<b>SIBU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>12 (3)</b>
Song	0	0	0	0	0	1	1 (2)
Kapit	0	0	0	5	2	62 (3)	162 (1)
Belaga	0	1	0	1	0	21 (4)	28 (1)
<b>KAPIT</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>84 (7)</b>	<b>197 (4)</b>
Tatau	0	0	0	0	0	1 (1)	11 (1)
Bintulu	0	0	0	3	0	6	4 (1)
<b>BINTULU</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>10 (1)</b>	<b>63 (5)</b>
Miri	0	0	0	2	1	7 (2)	35 (1)
Marudi	0	0	0	0	0	1	7
<b>MIRI</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>8 (2)</b>	<b>42 (1)</b>
Limbang	0	0	0	0	0	0	2
Lawas	0	0	0	0	0	0	1 (1)
<b>LIMBANG</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3 (1)</b>
<b>SARAWAK</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>15</b>	<b>7 (1)</b>	<b>121 (11)</b>	<b>343 (18)</b>

Note: ( ) Death; EW = Epid. Week  
District indicates source of infection

##### 10.4.1 Melioidosis Death case (Positive) 2012

No.	# District	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
1	Selangau	Sibu	48	Iban	Female	09/02/12	DM, HPT & Asthma	Farmer

\* SGH = Sarawak General Hospital

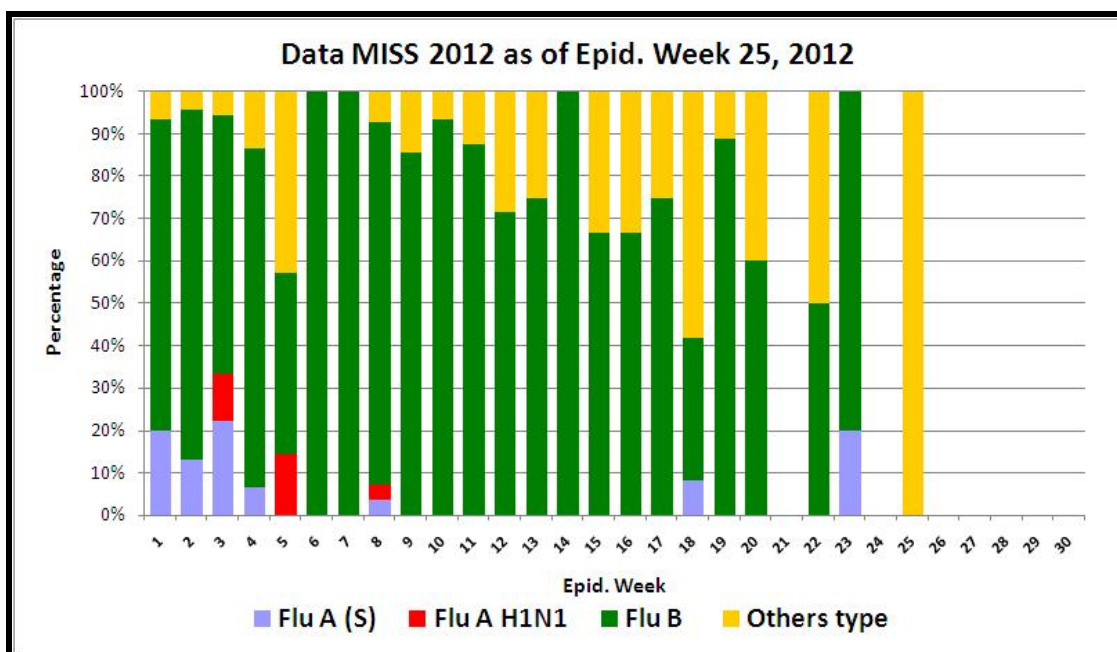
Note

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

® Hospital indicate facility where patient admitted

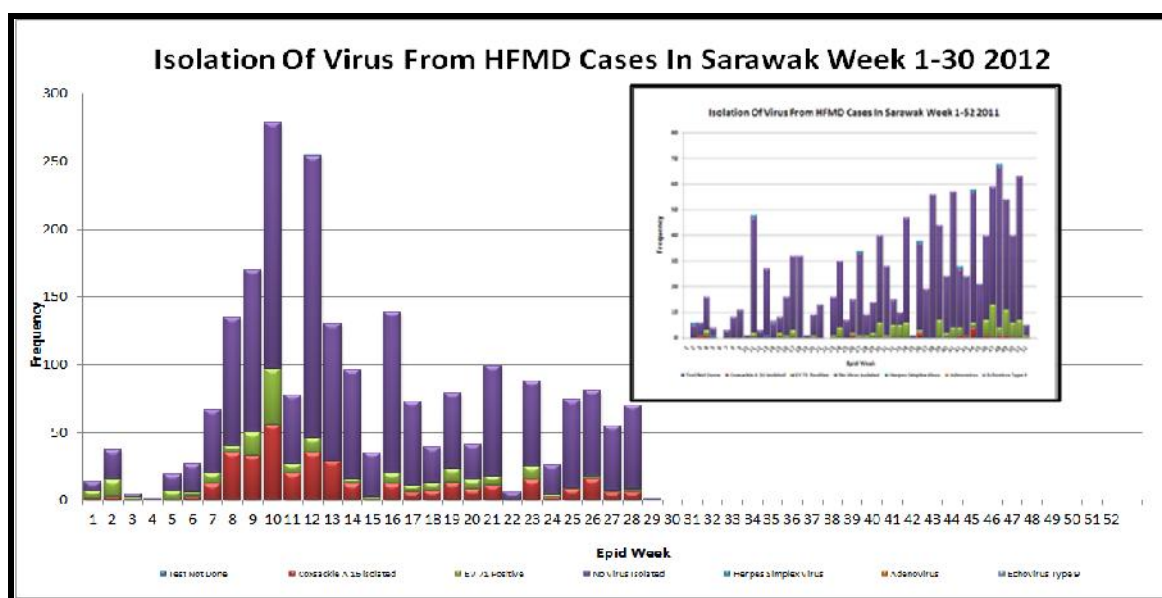
## 11. LABORATORY BASED SURVEILLANCE

### 11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah\*) from Epid Week 1 till Epid Week 25, 2012.

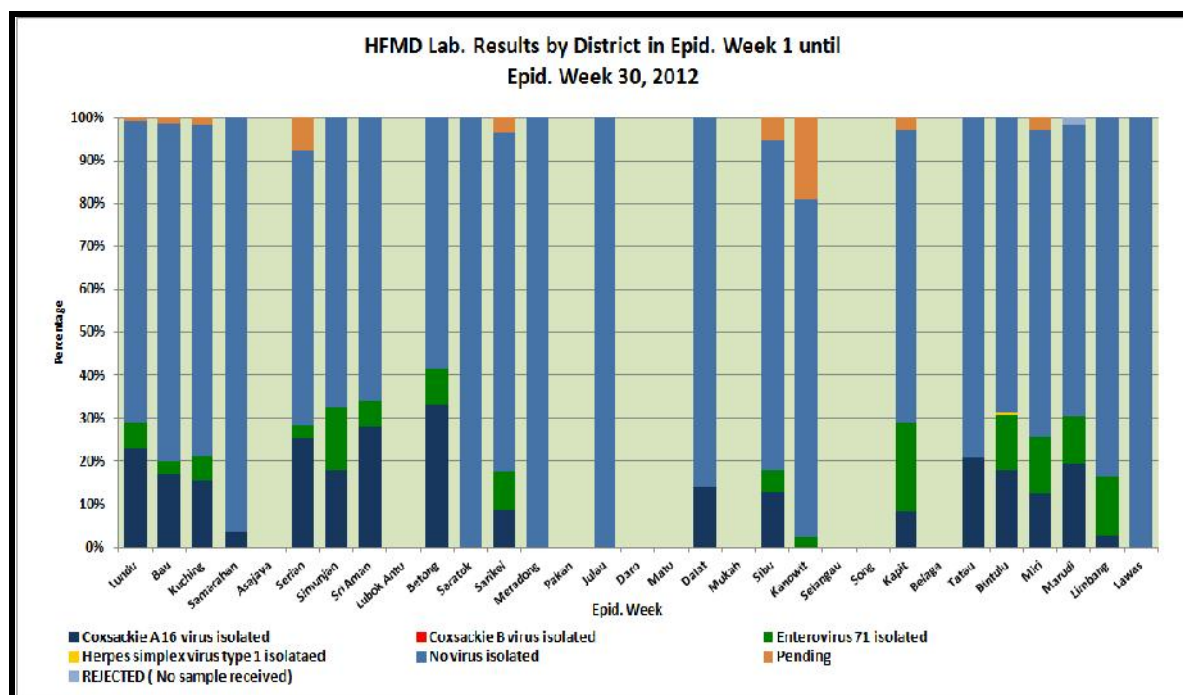


\* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

### 11.3. Laboratory Based Surveillance HFMD, EW 1- EW 30, 2012 compared to 2011 in Sarawak.



As of 25<sup>th</sup> August, 2012, 2257 HFMD samples sent to MKAK Sg Buloh. Out of this, 2214 samples with result, 42 still pending and one sample was rejected. A total of 515 (23.3%) virus isolated of which 337 Coxsackie A16 (65.4%), 176 EV 71 (34.2%), one Coxsackie B (0.2%) and one 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 4<sup>th</sup> August 2012):

No.	Name/Designation	Office address	E-mail address	Tel. / Fax / Handphone number
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**Note:**

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