



SARAWAK WEEKLY EPID NEWS

Sarawak Health Department

WEEK 06

5th – 11th February 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

In Epid. Week 6, 2012, Sarawak Health Department received reports of one food poisoning outbreak and seven HFMD clusters, two suspected Measles clusters and two Dengue outbreaks.

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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	Asajaya	SMK Pesantren, Sadong Jaya	100	10.02.2012
2	HFMD	Kuching	Tadika KEMAS, Kampung Lintang	3	07.02.2012
3			No. 89, Taman Sejoli, Lorong Durantha 2, Jalan Mergasing, Kuching	3	31.01.2012
4		Betong	Tadika Betong	3	10.02.2012
5			SJK (C) Chung Hua Betong	21	10.02.2012
6		Limbang	Tadika Methodist, Jalan Kubong	3	31.01.2012
7		Lundu	Kampung Tebaro	2	11.02.2012
8		Samarahan	Kampung Meranek, Kota Samarahan	3	08.02.2012
9	Measles	Bintulu	Ladang Bayu dan Samudera (Sime Darby), Similajau, Jalan Persisiran Bintulu	13	08.02.2012
10			Bumi Jati Sdn. Bhd, Similajau, Jalan Persisiran Bintulu	2	08.02.2012
11	Dengue	Samarahan	Kampung Baru	2	07.02.2012
12		Betong	Pasar Pusa	2	10.02.2012

There were twelve outbreaks reported in Epid. Week 6, 2012 to Sarawak Health Department.

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 6, 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											3																
Bau											2																
Kuching						3					64		1		1						12			4			1
Samarahan						1			100	1	12				1				1								
Asajaya																			1								
Simunjan						1																					
Serian											2		1														
Sri Aman											3		1														
L/ Antu											2		1														1
Betong						2					33																
Saratok											3		1														
Sarikei						1					1				1												
Meradong																											
Pakan/Julau													5														
Daro											1		1														
Matu																											
Dalat											1																
Mukah																											
Sibu						3					1		3								8						
Kanowit													1														
Selangau																											
Song						1							2								1						
Kapit						1					1		2								1						
Belaga													2														
Tatau						1					2		1														
Bintulu						1					28				22							1					
Miri						4				2	17				8						6						
Marudi													3								1						
Limbang											6										2						
Lawas										1	2		1						1		2						
TOTAL (Week 6)	0/0	0	0	0	0	19	0	0	100	4	184	0	26	0	33	0	0	0	3	0	33	1	0	4	0	0	2
Total (2012)	8/3	0	0	0	0	100	0	0	151	32	569	0	137	2	116	0	0	0	9	0	104	3	0	21	2	0	7
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 9th December 2010.

4. SURVEILLANCE REPORT ON FOOD-WATER BORNE DISEASES

4.1. Summary of total number of food-water borne diseases in Sarawak from Epid. Week 1 till Epid. Week 6, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	1	4	0	6	2	0	0	0
Samarahan	1	2	0	1	0	0	0	0
Sri Aman	0	1	0	0	0	0	0	0
Betong	2	0	0	0	0	0	0	0
Sarikei	2	2	0	0	0	0	0	0
Sibu	0	0	0	0	0	0	0	0
Kapit	0	0	0	0	0	0	0	0
Mukah	0	0	0	0	1	0	0	0
Bintulu	0	3	0	0	0	0	0	0
Miri	1	0	0	0	0	0	0	0
Limbang	0	0	0	0	0	0	0	0
Sarawak	7	12	0	7	3	0	0	0

Note: S = Suspected; C = Confirmed

4.2. Food Poisoning

One episode of food poisoning outbreak reported in Epid. Week 6, 2012 from Sadong Jaya, Kota Samarahan, involving a secondary school with 100 cases out of 474 persons exposed. Based on the food history attack rate and the incubation period, the suspected etiology agent that cause this food poisoning is *Clostridium perfringens*. The suspected food was beef curry and the contributing risk factor is holding time.

4.3. Cholera

No case reported in Epid. Week 6, 2012.

4.4. Dysenteries (All forms)

Two suspected dysentery cases were reported in Epid. Week 6, 2012; one case each from Mukah and Sarikei district. Stool C&S were taken from the case reported from Mukah district and was negative. Result for laboratory tests from Sarikei district are still pending.

4.5. Typhoid and paratyphoid fever

One confirmed and one suspected typhoid cases were reported in Epid. Week 6, 2012 from Bintulu and Kuching districts respectively. Stool and blood C&S specimens from the suspected case are still pending. As at 11th February 2012, two confirmed typhoid and one confirmed paratyphoid was reported.

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. Summary of total number of Vaccine Preventable Diseases by division from Epid. Week 1 till Epid. Week 6, 2012

Division	TYPES OF DISEASES													
	Diphtheria		Measles					Rubella	Polio		Tetanus		Whooping Cough	
	S	C	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirmed	S	C	S	C	S	C
				Lab. Confirmed	Clinically Confirmed	Epid. Link								
KUCHING	0	0	7	0	0	0	5	0	0	0	0	0	2	0
SAMARAHAN	0	0	3	0	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	0	5	0	0	0	4	1	0	0	0	0	0	0
BETONG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARIKEI	0	0	2	0	0	0	1	0	0	0	0	0	0	0
SIBU	0	0	1	1	0	0	0	0	0	0	0	0	0	0
KAPIT	0	0	2	0	0	0	0	0	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BINTULU	0	0	50	12	2	1	13	0	0	0	0	0	0	0
MIRI	0	0	43	13	0	0	8	0	0	0	0	0	0	0
LIMBANG	0	0	3	0	0	0	1	0	0	0	0	0	0	0
SARAWAK	0	0	116	26	2	1	33	1	0	0	0	0	2	0

Note: S = suspected; C = confirmed

5.2. Measles (data derived from SM2)

A total of 33 suspected measles cases were reported in Epid. Week 6, 2012. Two suspected measles outbreak were reported at Ladang Bayu dan Samudera (12) and Bumi Jati Sdn. Bhd, Jalan Similajau (2) in Bintulu district. Another 18 suspected sporadic cases were reported from Miri (8), Bintulu (7), Samarahan (1), Kuching (1) and Sarikei (1) districts.

5.2.1 Measles Elimination Programme (MEP) by Division from Epid. Week 1 till Epid. Week 6, 2012

Measles Elimination Programme Strategies:

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

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	7	6 (85.71%)	6 (85.71%)	7 (100%)
Samarahan	3	3(100%)	2 (66.67%)	3 (100%)
Sri Aman	5	5 (100%)	3 (60.00%)	5 (100%)
Betong	0	0	0	0
Sarikei	2	2 (100%)	2 (100%)	2 (100%)
Sibu	1	1 (100%)	1 (100%)	1 (100%)
Kapit	2	2 (100%)	2 (100%)	2 (100%)
Mukah	0	0	0	0
Bintulu	50	49 (98.00%)	48 (96.00%)	48 (96.00%)
Miri	43	38 (88.37%)	43	43 (100%)
Limbang	3	3 (100%)	2 (66.67%)	1 (33.33%)
Sarawak	116	109 (93.97%)	109 (93.97%)	112 (96.55%)

5.3. Whooping Cough

No suspected case reported in Epid. Week 6, 2012. The two suspected cases reported in Epid. Week 3, 2012 were negative.

5.4. Polio

No suspected case reported in Epid. Week 6, 2012.

5.5. Rubella

No case of laboratory confirmed IgM Rubella was reported in Epid. Week 6, 2012. The cumulative confirmed case reported in 2012 is remained as one.

5.6. Tetanus (All forms)

No suspected case reported in Epid. Week 6, 2012.

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 6, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 6, 2012.

District / Division	2012			
	EW 6		Cumulative	
	HIV	AIDS	HIV	AIDS
Lundu	0	0	0	0
Bau	0	0	0	0
Kuching	0	0	2	0
KUCHING	0	0	2	0
Samarahan	0	0	1	0
Asajaya	0	0	0	0
Simunjan	0	0	2	1
Serian	0	0	0	1
SAMARAHAN	0	0	3	2
Sri Aman	0	0	0	0
Lubok Antu	0	0	0	0
SRI AMAN	0	0	0	0
Betong	0	0	0	0
Saratok	0	0	0	0
BETONG	0	0	0	0
Sarikei	0	0	0	0
Meradong	0	0	0	0
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	0	0	0	0
Daro	0	0	0	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	0	0
MUKAH	0	0	0	0
Sibu	0	0	0	0
Kanowit	0	0	0	0
Selangau	0	0	0	0
SIBU	0	0	0	0
Song	0	0	0	0
Kapit	0	0	0	0
Belaga	0	0	0	0
KAPIT	0	0	0	0
Tatau	0	0	0	0
Bintulu	0	0	0	0
BINTULU	0	0	0	0
Miri	0	0	0	0
Marudi	0	0	0	0
MIRI	0	0	0	0
Limbang	0	0	0	0
Lawas	0	0	0	1
LIMBANG	0	0	0	1
Sarawak	0	0	5	3

EW = Epid. Week; Cum. = Cumulative figure

6.2 HIV/AIDS Patient Classification Notified in Epid. Week 6 and Cumulative from Epid. Week 1 until Epid. Week 6, 2012

District / Division	2012					
	Children		Women		Foreigner	
	EW 6	Cum.	EW 6	Cum.	EW 6	Cum.
Lundu	0	0	0	0	0	0
Bau	0	0	0	0	0	0
Kuching	0	0	0	0	0	0
KUCHING	0	0	0	0	0	0
Samarahan	0	0	0	0	0	0
Asajaya	0	0	0	0	0	0
Simunjan	0	0	0	1	0	1
Serian	0	0	0	0	0	0
SAMARAHAN	0	0	0	0	0	0
Sri Aman	0	0	0	0	0	0
Lubok Antu	0	0	0	0	0	0
SRI AMAN	0	0	0	0	0	0
Betong	0	0	0	0	0	0
Saratok	0	0	0	0	0	0
BETONG	0	0	0	0	0	0
Sarikei	0	0	0	0	0	0
Meradong	0	0	0	0	0	0
Pakan	0	0	0	0	0	0
Julau	0	0	0	0	0	0
SARIKEI	0	0	0	0	0	0
Daro	0	0	0	0	0	0
Matu	0	0	0	0	0	0
Dalat	0	0	0	0	0	0
Mukah	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0
Sibu	0	0	0	0	0	0
Kanowit	0	0	0	0	0	0
Selangau	0	0	0	0	0	0
SIBU	0	0	0	0	0	0
Song	0	0	0	0	0	0
Kapit	0	0	0	0	0	0
Belaga	0	0	0	0	0	0
KAPIT	0	0	0	0	0	0
Tatau	0	0	0	0	0	0
Bintulu	0	0	0	0	0	0
BINTULU	0	0	0	0	0	0
Miri	0	0	0	0	0	0
Marudi	0	0	0	0	0	0
MIRI	0	0	0	0	0	0
Limbang	0	0	0	0	0	0
Lawas	0	0	0	0	0	0
LIMBANG	0	0	0	0	0	0
Sarawak	0	0	0	1	0	1

No HIV or AIDS case reported in Epid. Week 6, 2012.

3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 6, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid. Week 6, 2012.

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 5	Cum.	EW 5	Cum.
Lundu	0	0	0	0
Bau	0	0	0	0
Kuching	0	13	0	1
KUCHING	0	13	0	1
Samarahan	1	3	1	2
Asajaya	0	2	1	1
Simunjan	0	1	0	0
Serian	0	1	0	0
SAMARAHAN	1	7	2	3
Sri Aman	0	0	0	1
Lubok Antu	0	1	0	1
SRI AMAN	0	1	0	1
Betong	0	0	0	0
Saratok	0	0	0	0
BETONG	0	0	0	0
Sarikei	0	0	0	0
Meradong	0	0	0	0
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	0	0	0	0
Daro	0	0	0	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	0	0
MUKAH	0	0	0	0
Sibu	0	4	0	2
Kanowit	0	0	0	0
Selangau	0	0	0	0
SIBU	0	4	0	2
Song	0	0	0	0
Kapit	0	0	0	0
Belaga	0	0	0	0
KAPIT	0	0	0	0
Tatau	0	0	0	0
Bintulu	0	0	0	0
BINTULU	0	0	0	0
Miri	2	6	0	0
Marudi	0	0	0	0
MIRI	2	6	0	0
Limbang	0	0	1	0
Lawas	1	0	0	0
LIMBANG	1	0	1	0
Sarawak	4	32	3	9

EW = Epid. Week; Cum. = Cumulative figure

Gonorrhoea

Four cases reported in Epid. Week 6, 2012 from Miri (2), Samarahan (1) and Limbang (1) districts.

As at Epid. Week 6, 2012, the cumulative case is 32.

Syphilis (All forms)

Three cases reported in Epid. Week 6, 2012. The cumulative case in 2012 is nine.

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

7.1 Notified Tuberculosis cases for Epid. Week 6, 2012 compared to Epid. Week 6, 2011 and cumulative cases until Epid. Week 6, 2012.

District / Division	2012		2011		
	EW 6	Cum.	EW 6	Cum.	Total
Lundu	0	0	0	0	23
Bau	0	1	0	2	42
Kuching	12	28	0	10	340
KUCHING	12	29	0	12	405
Samarahan	0	2	0	0	29
Asajaya	0	1	0	0	15
Simunjan	0	6	0	0	34
Serian	0	6	0	0	52
SAMARAHAN	0	15	0	0	130
Sri Aman	0	0	0	1	58
Lubok Antu	0	1	0	1	40
SRI AMAN	0	1	0	2	98
Betong	0	0	0	4	33
Saratok	0	3	1	2	51
BETONG	0	3	1	6	84
Sarikei	0	1	0	0	49
Meradong	0	0	0	5	27
Pakan	0	0	0	0	20
Julau	0	2	0	0	20
SARIKEI	0	3	0	5	116
Daro	0	0	0	0	6
Matu	0	0	0	0	7
Dalat	0	0	0	0	8
Mukah	0	0	0	0	25
MUKAH	0		0	0	46
Sibu	8	13	0	0	169
Kanowit	0	3	0	0	27
Selangau	0	0	0	0	38
SIBU	8	16	0	0	234
Song	1	2	0	0	23
Kapit	1	2	0	2	56
Belaga	0	0	0	0	29
KAPIT	2	4	0	2	108
Tatau	0	0	0	0	42
Bintulu	0	0	0	5	183
BINTULU	0	0	0	5	225
Miri	6	20	0	0	290
Marudi	1	4	1	5	41
MIRI	7	24	1	5	331
Limbang	2	8	0	0	38
Lawas	2	2	0	0	23
LIMBANG	4	10	0	0	61
Sarawak	33	104	0	37	1838

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 6, 2012 compared to Epid. Week 6, 2011 and cumulative cases until Epid. Week 6, 2012.

District / Division	2012		2011		
	EW 6	Cum.	EW 6	Cum.	Total
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	0	3
KUCHING	0	0	0	0	3
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
SAMARAHAN	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
SRI AMAN	0	0	0	0	0
Betong	0	0	0	0	0
Saratok	0	0	0	0	0
BETONG	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
SARIKEI	0	0	0	0	0
Daro	0	0	0	0	0
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	1
MUKAH	0	0	0	0	1
Sibu	0	0	0	0	1
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
SIBU	0	0	0	0	1
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	0	0	0	6
KAPIT	0	0	0	0	6
Tatau	0	0	0	0	0
Bintulu	0	0	0	0	1
BINTULU	0	0	0	0	1
Miri	0	0	0	0	4
Marudi	0	0	0	0	5
MIRI	0	0	0	0	9
Limbang	0	0	0	0	4
Lawas	0	0	0	0	0
LIMBANG	0	0	0	0	4
Sarawak	0	0	0	0	25

7.3 Notified Tuberculosis (all forms) Case Classification as on 11th February 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 6	Cum.	EW 6	Cum.	EW 6	Cum.
Lundu	0	0	0	0	0	0
Bau	0	1	0	0	0	0
Kuching	9	19	0	6	3	3
KUCHING	9	20	0	6	3	3
Samarahan	0	1	0	0	0	1
Asajaya	0	0	0	1	0	0
Simunjan	0	5	0	1	0	0
Serian	0	5	0	1	0	0
SAMARAHAN	0	11	0	3	0	1
Sri Aman	0	0	0	0	0	0
Lubok Antu	0	1	0	0	0	0
SRI AMAN	0	1	0	0	0	0
Betong	0	0	0	0	0	0
Saratok	0	2	0	1	0	0
BETONG	0	2	0	1	0	0
Sarikei	0	0	0	1	0	0
Meradong	0	0	0	0	0	0
Pakan	0	0	0	0	0	0
Julau	0	2	0	0	0	0
SARIKEI	0	2	0	1	0	0
Daro	0	0	0	0	0	0
Matu	0	0	0	0	0	0
Dalat	0	0	0	0	0	0
Mukah	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0
Sibu	7	12	0	0	1	1
Kanowit	0	3	0	0	0	0
Selangau	0	0	0	0	0	0
SIBU	7	15	0	0	1	1
Song	1	1	0	0	0	1
Kapit	0	0	0	1	1	1
Belaga	0	0	0	0	0	0
KAPIT	1	1	0	1	1	2
Tatau	0	0	0	0	0	0
Bintulu	0	0	0	0	0	0
BINTULU	0	0	0	0	0	0
Miri	6	17	0	3	0	0
Marudi	0	2	1	1	0	0
MIRI	6	19	1	4	0	0
Limbang	2	8	0	0	0	0
Lawas	1	1	0	0	1	1
LIMBANG	3	9	0	0	1	1
Sarawak	26	80	1	16	6	8

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

A total of 33 cases of tuberculosis (all forms) reported in Epid. Week 6, 2012.

As at 11th February 2012, the cumulative total of reported cases is 104. Out of these, one was foreigner and one case of TB/HIV reported.

Leprosy

No case reported in Epid. Week 6, 2012. The cumulative reported case in 2012 is remained as zero.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 11th February 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 6	Cum.	*Exposed		*Not exposed		EW 6	Cum.	EW 6	Cum.	EW 6	Cum.
			EW 6	Cum.	EW 6	Cum.						
Lundu	0	0	0	0	0	0	0	0	0	0	0	0
Bau	0	0	0	0	0	0	0	0	0	0	0	0
Kuching	0	0	0	0	0	0	0	1	1	1	0	0
KUCHING	0	0	0	0	0	0	0	1	1	1	0	0
Samarahan	0	0	0	0	0	0	0	0	0	0	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	1	0	0
Serian	1	1	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	1	1	0	0	0	0	0	0	0	1	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	0	0	0
Lubok Antu	0	0	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	0	0	0	0	0	0	0	0	0	0	0
Betong	0	0	0	0	0	0	0	0	0	0	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	0	0	0
Sarikei	0	0	0	0	0	0	0	0	0	0	0	0
Meradong	0	0	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	0	0	0	0	0	0	0	0	0	0	0
Daro	0	0	0	0	0	0	0	0	0	0	0	0
Matu	0	0	0	0	0	0	0	0	0	0	0	0
Dalat	0	0	0	0	0	0	0	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0	0	0	0	0	0	0
Sibu	0	0	0	0	0	0	0	0	0	0	0	0
Kanowit	0	0	0	0	0	0	0	0	0	0	0	0
Selangau	0	0	0	0	0	0	0	0	0	0	0	0
SIBU	0	0	0	0	0	0	0	0	0	0	0	0
Song	0	0	0	0	0	0	0	0	0	0	0	0
Kapit	0	1	0	0	0	0	0	0	0	0	0	0
Belaga	0	0	0	0	0	0	0	0	0	0	0	0
KAPIT	0	1	0	0	0	0	0	0	0	0	0	0
Tatau	0	0	0	0	0	0	0	0	0	0	0	0
Bintulu	0	0	0	0	0	0	0	0	0	0	0	0
BINTULU	0	0	0	0	0	0	0	0	0	0	0	0
Miri	0	0	0	0	0	0	0	0	0	0	0	0
Marudi	0	0	0	0	0	0	0	0	0	0	0	0
MIRI	0	0	0	0	0	0	0	0	0	0	0	0
Limbang	0	0	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	0	0	0	0	0	0	0	0	0	0	0
Sarawak	1	2	0	0	0	0	0	1	1	2	0	0

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

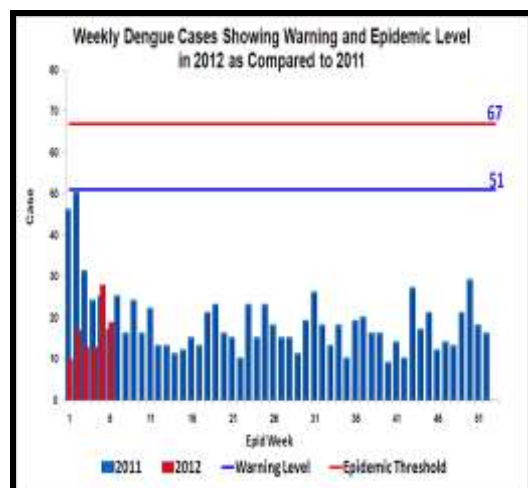
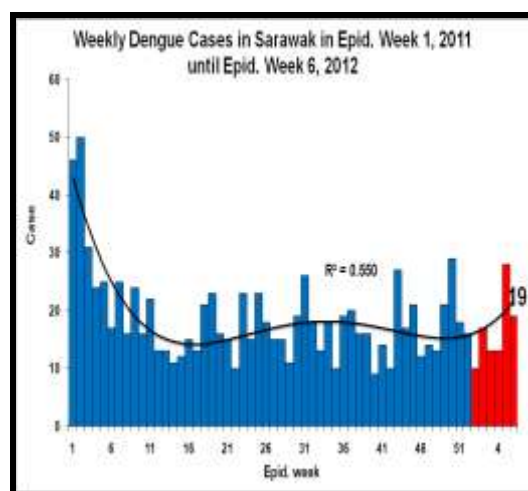
* Possibility of exposed or not exposed to TB patient

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 6, 2012 compared to Epid. Week 6, 2011 and cumulative cases until Epid. Week 6, 2012.

District	2012		2011		Total
	EW 6	Cum.	EW 6	Cum.	
Lundu	0	2	0	2	10
Bau	0	3	0	10	36
Kuching	3	15	1	16	106
Samarahan	1	4	1	3	21
Asajaya	0	1	0	0	4
Serian	0	0	0	3	18
Simunjan	1	2	0	5	19
Sri Aman	0	4	0	7	56
Lubok Antu	0	1	0	4	23
Betong	2	5	2	4	13
Saratok	0	3	0	0	11
Sarikei	1	4	2	7	28
Meradong	0	1	0	4	14
Pakan	0	2	0	5	23
Julau	0	0	0	0	17
Daro	0	0	0	4	6
Matu	0	0	0	1	1
Dalat	0	4	0	1	3
Mukah	0	2	0	1	5
Sibu	3	7	1	34	75
Kanowit	0	1	1	6	31
Selangau	0	1	0	3	10
Song	1	2	0	3	10
Kapit	1	5	1	9	32
Belaga	0	2	2	4	27
Tatau	1	4	1	7	47
Bintulu	1	3	2	21	100
Miri	4	19	1	18	134
Marudi	0	3	2	9	59
Limbang	0	0	0	0	20
Lawas	0	0	0	2	15
Sarawak	19	100	17	193	974



A total of 19 dengue cases reported in Epid. Week 6, 2012 compared to 17 cases during the same period in 2011.

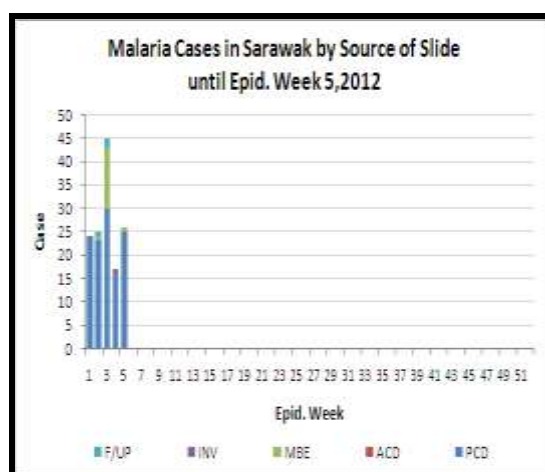
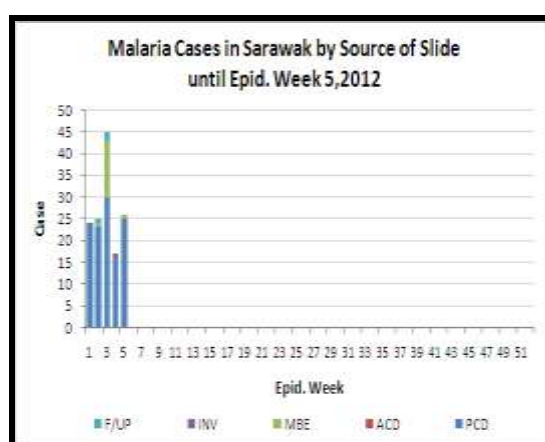
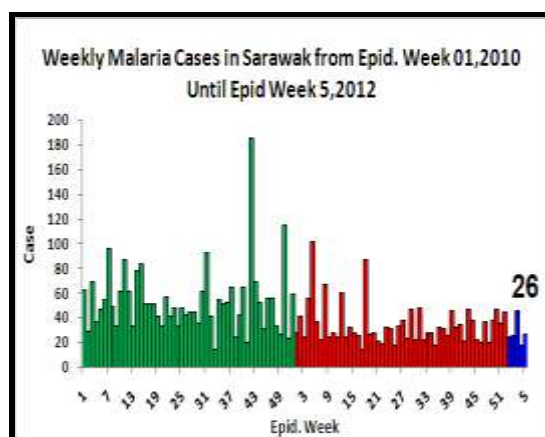
There is decrease of 9 cases from the previous Epid. Week.

Three outbreak locality are still active in Dalat (Kg. Senau Oya), Samarahan (Kg. Baru) and Betong (Pasar Pusa)

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 5, 2012 compared to Epid. Week 5, 2011 and cumulative cases until Epid. Week 5 in 2012.

District	2012		2011		Total
	EW 5	Cum.	EW 5	Cum.	
Lundu	0	0	2	6	33
Bau	0	0	0	0	5
Kuching	1	2	0	0	23
Samarahan	0	0	0	1	3
Asajaya	0	0	0	0	1
Serian	1	1	0	1	21
Simunjan	0	1	0	0	2
Sri Aman	1	2	1	3	17
Lubok Antu	1	2	0	4	25
Betong	0	1	0	3	47
Saratok	1	1	0	0	3
Sarikei	0	2	0	2	16
Meradong	0	0	1	1	9
Pakan	1	8	0	1	29
Julau	4	11	1	4	69
Daro	1	1	0	0	2
Matu	0	0	0	0	2
Dalat	0	1	0	1	10
Mukah	0	1	0	1	2
Sibu	3	12	1	4	52
Kanowit	1	4	1	10	89
Selangau	0	2	0	0	16
Song	2	7	2	9	78
Kapit	2	22	1	25	230
Belaga	2	6	2	10	139
Tatau	1	3	0	1	34
Bintulu	0	1	0	2	39
Miri	0	4	1	10	40
Marudi	3	32	87	148	670
Limbang	0	5	0	1	21
Lawas	1	5	1	1	34
Sarawak	26	137	101	249	1761



A total of 26 cases reported in Epid. Week 05, 2012. Cumulative cases till Epid. Week 05 were 137 cases. Of the 137 cases, 32 cases (23%) from Marudi District, 22 cases (16%) from Kapit District and 12 cases (8%) from Sibu 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 5	Cum.
Passive Case Detection (PCD)	25	118
Active Case Detection (ACD)	0	1
Investigation slides (INV)	0	0
Mass Blood Survey (MBS)	1	15
Follow-up	0	3
Total	26	137

8.2.2. Malaria cases by species

Species	2012	
	EW 5	Cum.
<i>P. vivax</i>	8	
<i>P. falciparum</i>	2	
<i>P. malariae</i>	1	
<i>P. knowlesi</i>	15	
<i>P. ovale</i>	0	
Mixed	0	
Total	26	

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 5	Cum.
Indigenous	22	110
*Imported A	4	27
Relapsed	0	0
Congenital	0	0
Total	26	137

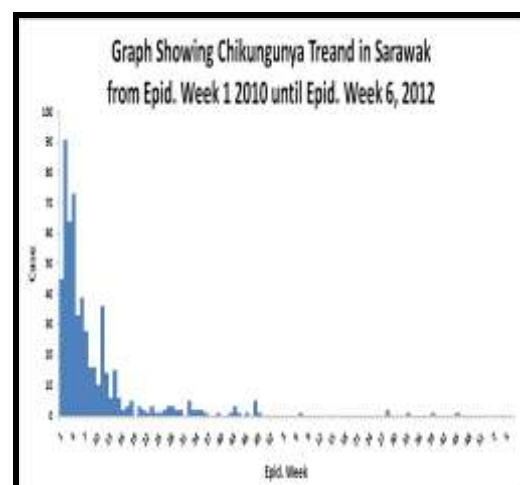
8.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Address in Sarawak	Species
1	Daro	KKB Panimo Jaya, Papua New Guinea	Malaysian	42	Male	Rumah Jugah, Semalau, Daro	<i>P. vivax</i>
2	Sibu	KKB Panimo Jaya, Papua New Guinea	Malaysian	61	Male	3F, Lorong 1, Jalan Mantis, Sibu	<i>P. falciparum</i>
3		KKB Rimbunan Hijau, Papua New Guinea	Malaysian	56	Male	2E, Bukit 5 Timur 2, Lorong 2, Sibu	<i>P. vivax</i>
4	Kanowit	KKB Rimbunan Hijau, Congo, Africa	Malaysian	41	Male	Lot 232, Kanowit Garden, Kanowit	<i>P. knowlesi</i>

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 6, 2012 compared to Epid. Week 6, 2011 and cumulative cases until Epid. Week 6 in 2012.

District	2012		2011		
	EW 6	Cum.	EW 6	Cum.	Total
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	0	1
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	1
Serian	0	0	0	0	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	0	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	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	0	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	0	1
Limbang	0	0	0	0	0
Lawas	0	0	0	0	0
Sarawak	0	0	0	0	6



No case of chikungunya reported in Epid. Week 6, 2012. The cumulative case of Chikungunya for 2012 is remained zero.

EW = Epid. Week; Cum. = Cumulative figure

8.4. Filariasis

No case of Filariasis reported in Epid. Week 6, 2012. The cumulative case of Filariasis reported in 2012 remained as four.

8.5 Japanese Encephalitis (JE)

No case of Japanese Encephalitis (JE) reported in Epid. Week 6, 2012. The cumulative case of Japanese Encephalitis (JE) reported in 2012 remained as one.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No viral encephalitis case reported in Epid. Week 6, 2012. The cumulative case of Viral Encephalitis reported in 2012 remained as one.

9.2. Viral Hepatitis (all form)

A total of four cases of Hepatitis B and C reported in Epid. Week 6, 2013 from Kuching district. Out of these, two were chronic Hepatitis B and two chronic Hepatitis C cases.

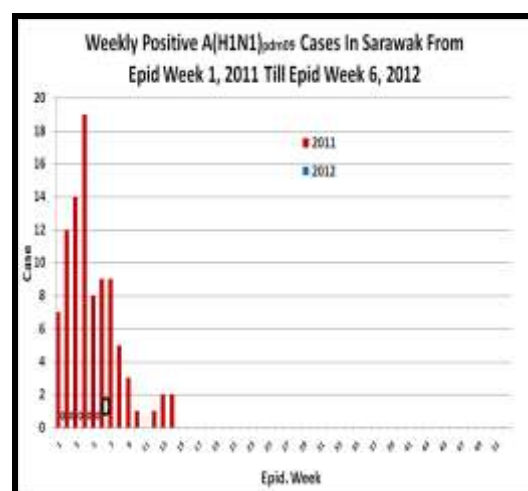
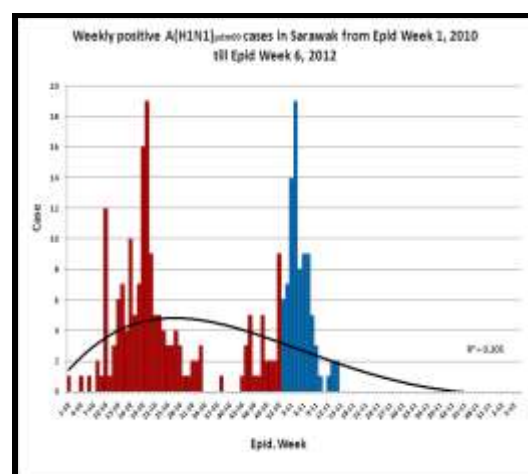
As at 11th February 2012, the total cases reported is 21 cases with two acute Hepatitis B cases, 16 chronic Hepatitis B cases, three Acute Hepatitis C cases and three chronic Hepatitis C cases.

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

10.1. A/H1N1_{pdm09}

10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} cases for Epid. Week 6, 2012 compared to Epid. Week 6, 2011 and cumulative cases until Epid. Week 6 in 2012.

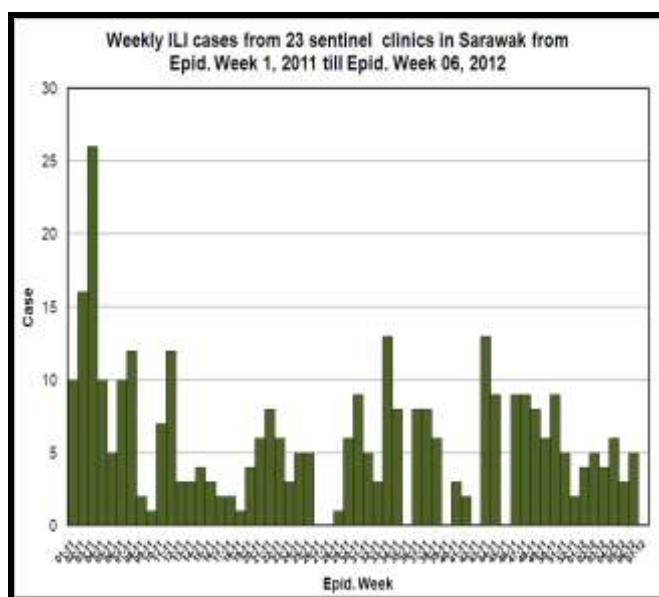
District	2012		2011		Total
	EW 6	Cum.	EW 6	Cum.	
Lundu	0	0	0	0	1
Bau	0	0	0	0	0
Kuching	0	0	4	35	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	0	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	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	1
Belaga	0	0	0	0	1
Tatau	0	0	0	0	0
Bintulu	0	0	5	23	27
Miri	0	0	0	1	6
Marudi	0	0	0	0	0
Limbang	0	0	0	2	2
Lawas	0	0	0	1	1
SARAWAK	0	0	9	63	92



No A/H1N1_{pdm09} positive case reported in Epid. Week 6, 2012 compared to 7 cases reported for the same Epid. Week 2011.

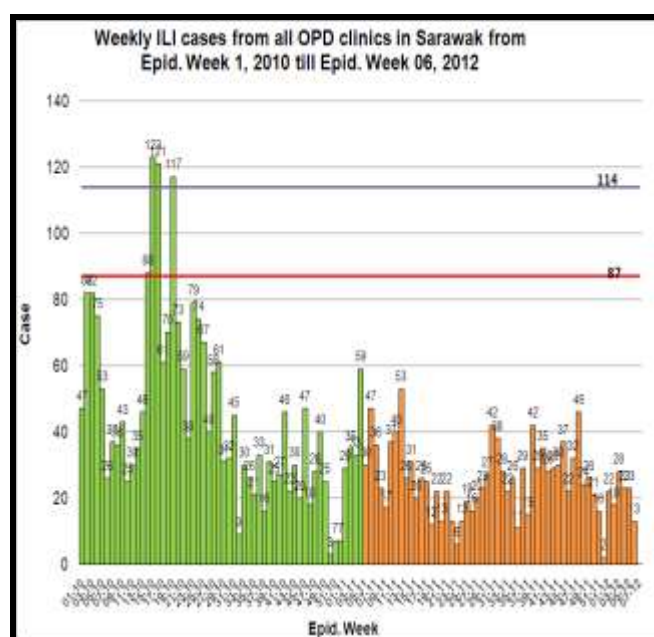
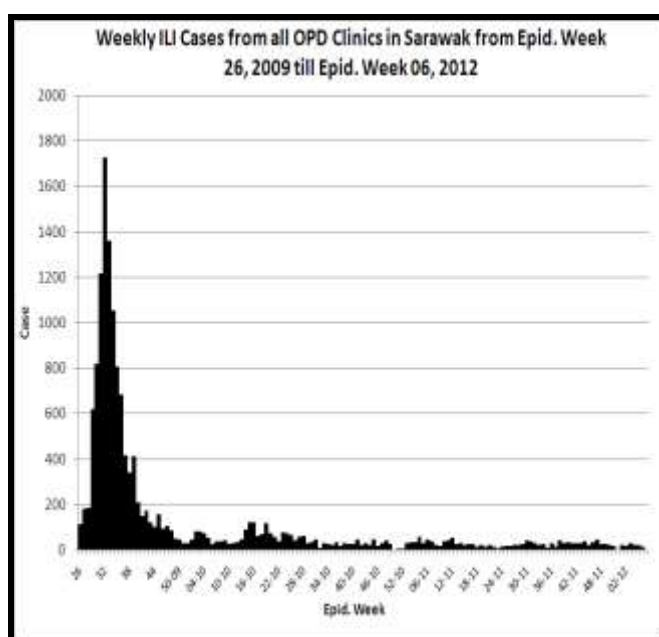
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid. Week 1 in 2010 till Epid. Week 6 in 2012.



In Epid. Week 6, 2012, five ILI cases reported from 23 Sentinel clinics and all 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).

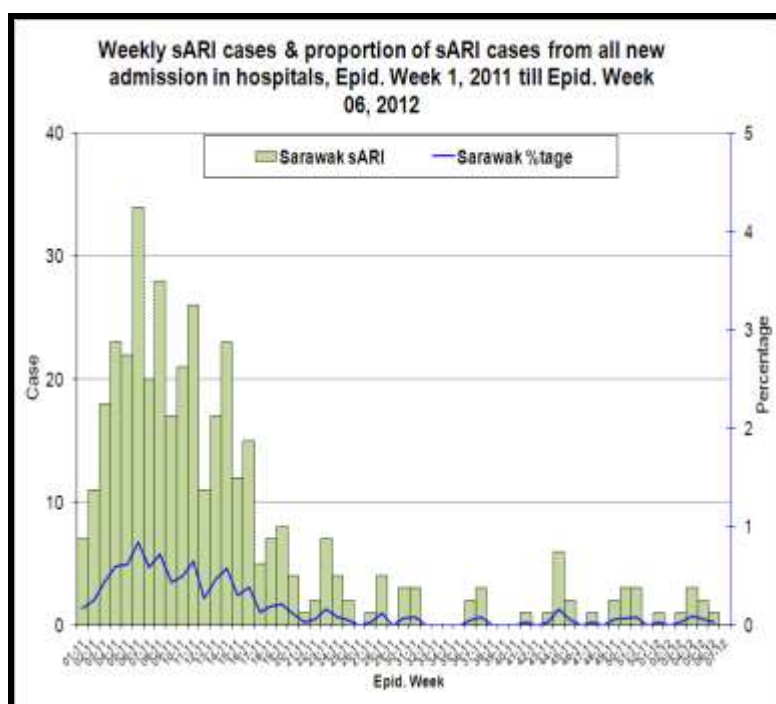


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 11th February 2012.

No ILI cluster reported. The latest cluster was on 3rd 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)

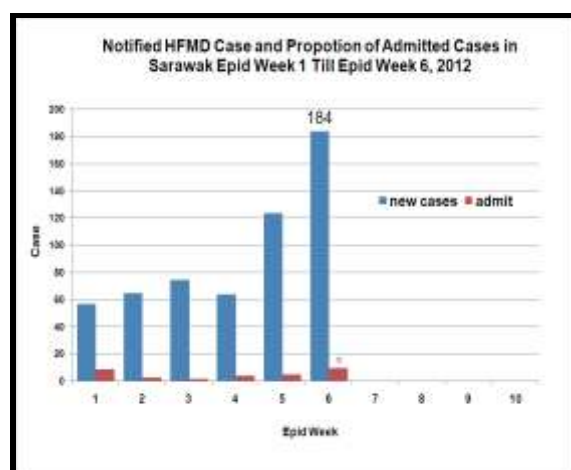
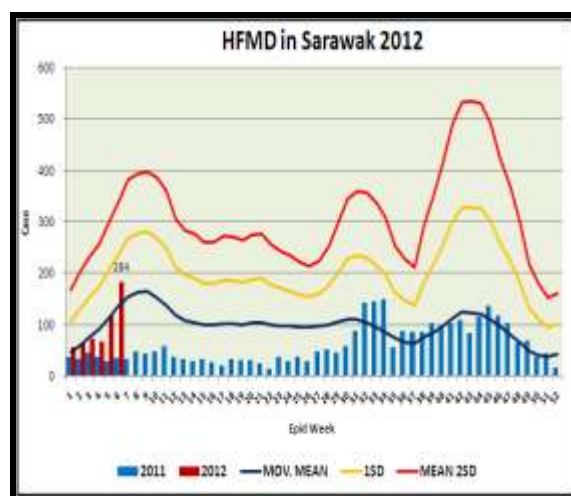
10.1.5. Weekly Summary Report on sARI Admission in Government Hospitals in Sarawak as at 11th February 2012.

Division	Hospital	New EW 6	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	2	8	0	0	2	0	0	2	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	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	0	5	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		2	14	0	0	2	0	0	2	0

Two sARI cases reported in Epid. Week 6, 2012 from SGH Kuching. Both laboratory results for Influenza A(H1N1)_{pdm09} are still pending.

10.2. Notified HFMD (masterlist) cases for Epid. Week 6, 2012 compared to Epid. Week 6, 2011 and cumulative cases in Epid. Week 6, 2011.

District / Division	2012		2011		Total
	EW 6	Cum.	EW 6	Cum.	
Lundu	3	3	2	21	602
Bau	2	8	0	5	149
Kuching	64	189	0	1	31
KUCHING	69	200	2	27	782
Samarahan	12	24	1	2	127
Asajaya	0	1	0	0	35
Simunjan	0	1	0	0	19
Serian	2	21	0	0	39
SAMARAHAN	14	47	1	2	220
Sri Aman	3	15	1	2	97
Lubok Antu	2	4	0	0	18
SRI AMAN	5	19	1	2	115
Betong	33	42	0	2	57
Saratok	3	18	0	11	37
BETONG	36	60	0	13	94
Sarikei	1	9	7	21	188
Meradong	0	3	0	1	73
Pakan	0	1	0	1	7
Julau	0	2	0	0	32
SARIKEI	1	15	7	23	300
Daro	1	1	0	0	7
Matu	0	0	0	0	4
Dalat	1	7	1	13	84
Mukah	0	3	0	7	42
MUKAH	2	11	1	20	137
Sibu	1	11	4	18	149
Kanowit	0	1	0	0	6
Selangau	0	0	1	1	22
SIBU	1	12	5	19	177
Song	0	2	1	5	64
Kapit	1	34	0	0	12
Belaga	0	12	0	4	55
KAPIT	1	48	1	9	131
Tatau	2	9	10	62	747
Bintulu	28	73	0	5	25
BINTULU	30	82	10	67	772
Miri	17	49	1	27	324
Marudi	0	0	1	3	49
MIRI	17	49	2	30	373
Limbang	6	14	0	1	65
Lawas	2	12	0	0	4
LIMBANG	8	26	0	1	69
SARAWAK	184	569	30	213	3170



A total of 184 HFMD cases reported in Epid. Week 6, 2012 compared to 30 cases during the same period in 2011.

The top five districts with the highest total number of reported cases in 2012 are.

1. Kuching
2. Bintulu
3. Miri
4. Betong
5. Kapit

EW = Epid. Week; Cum. = Cumulative figure

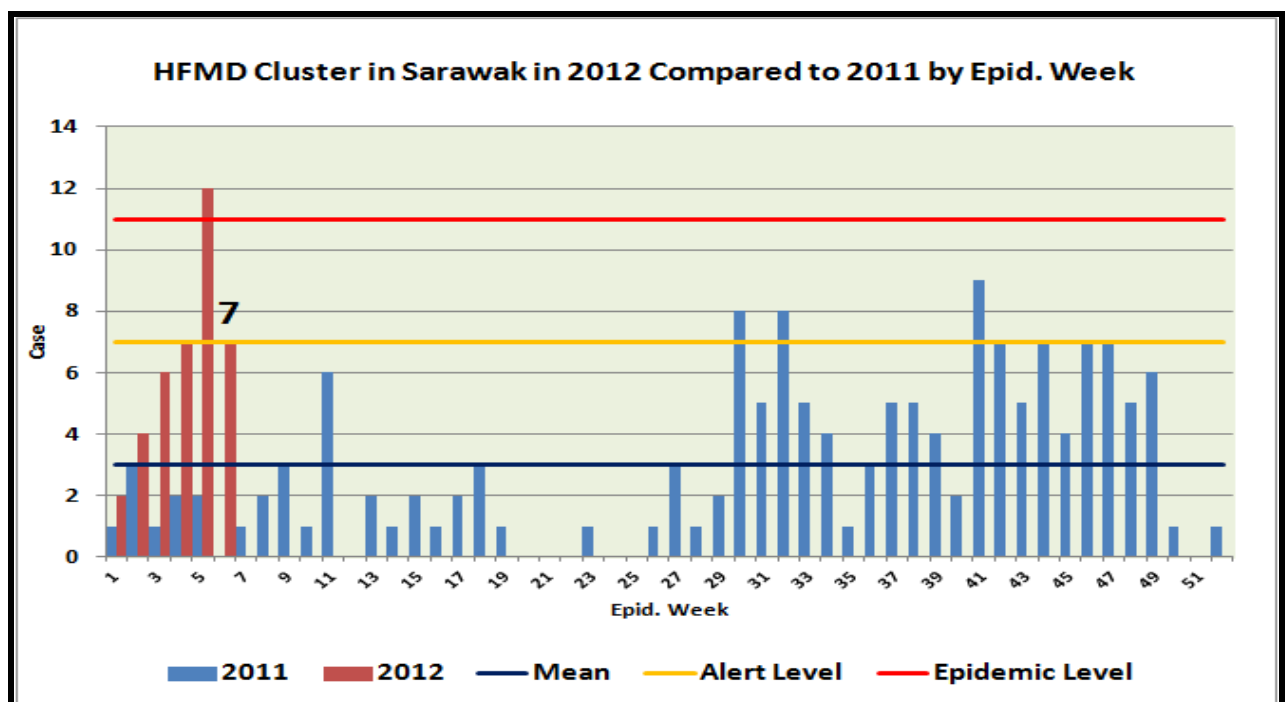
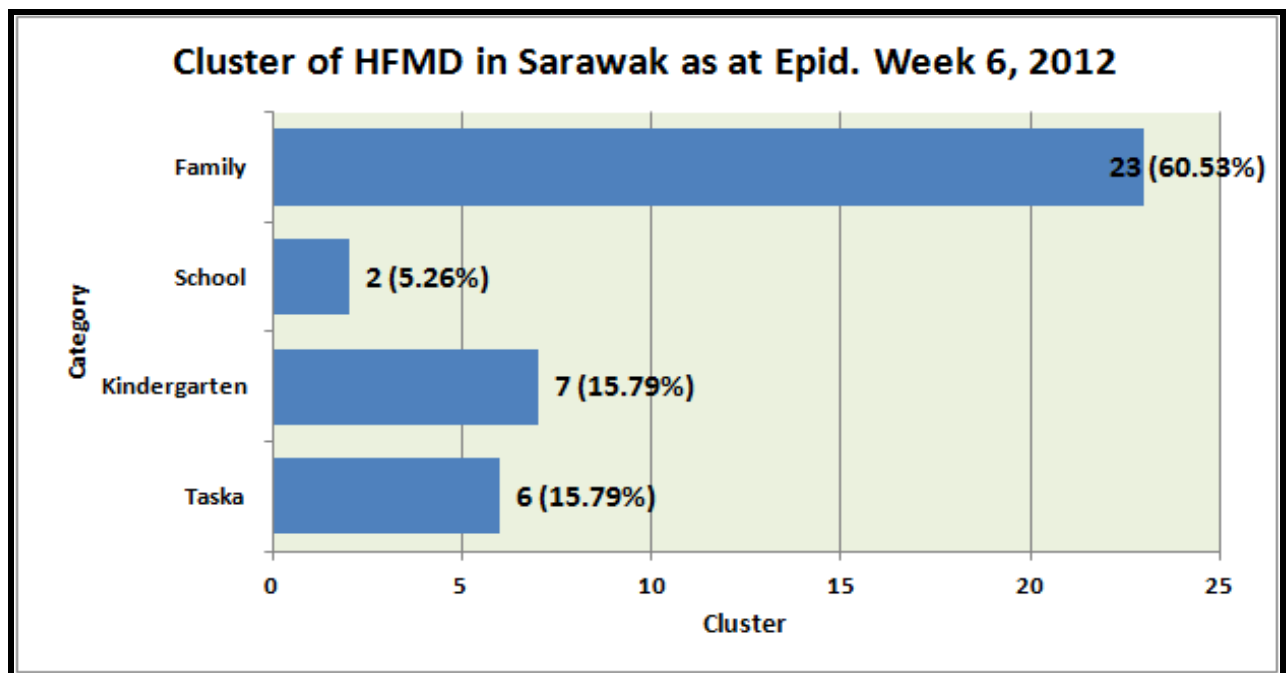
10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 11th February 2012.

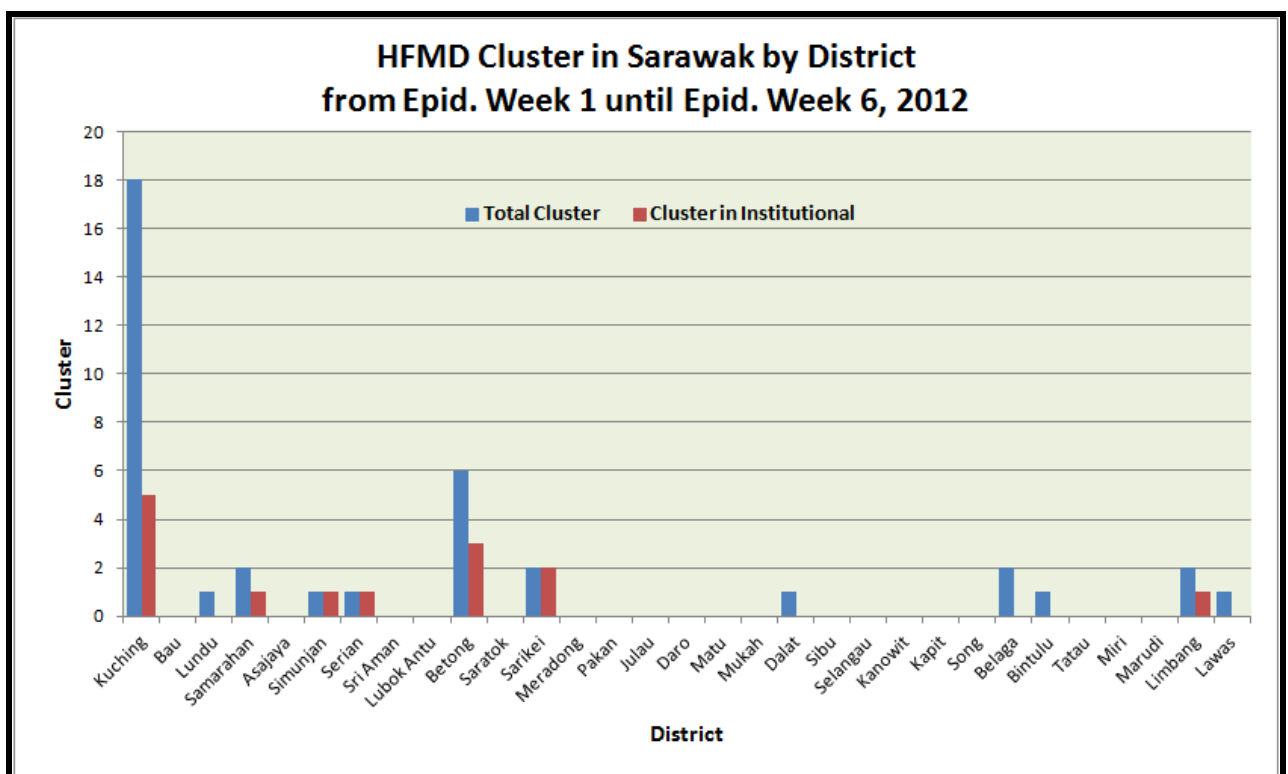
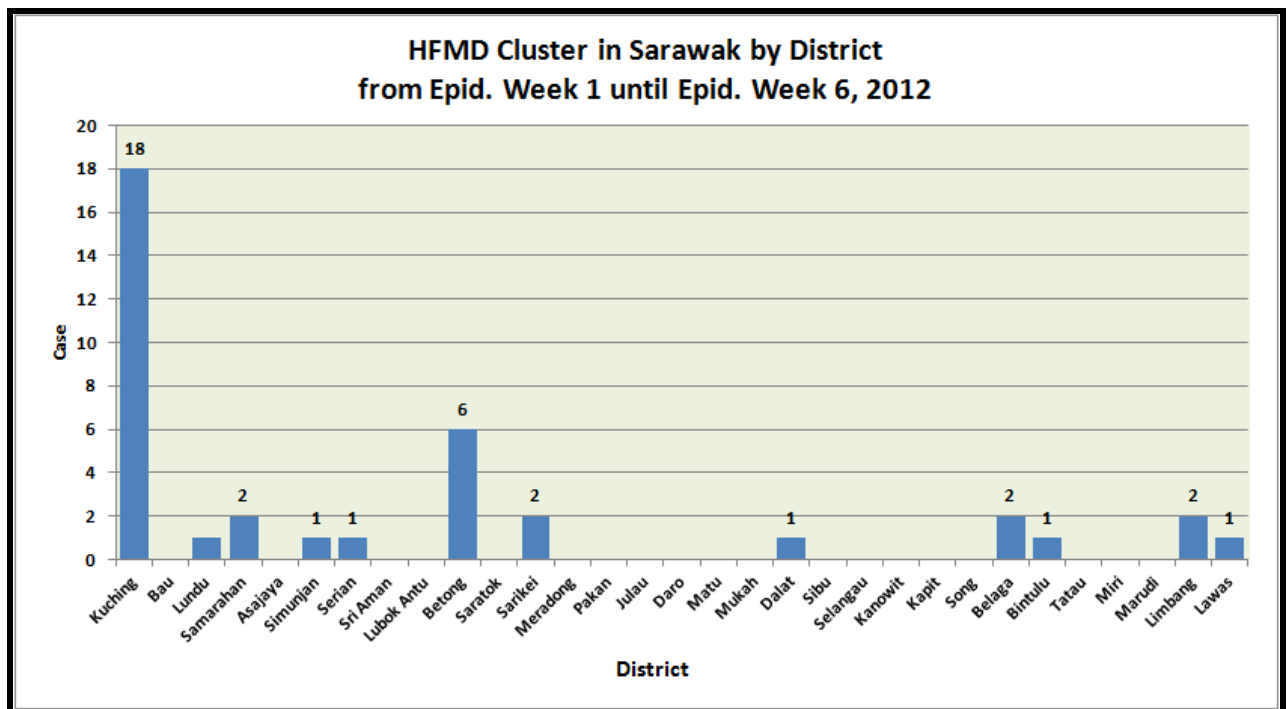
District	Masterlist		Registered Case		Back Log	
	EW 6	Total	EW 6	Total	EW 6	Total
Kuching	64	189	58	138	6	51
Bau	2	7	1	4	1	3
Lundu	3	3	3	3	0	0
KUCHING	69	199	62	145	7	54
Samarahan	12	24	1	3	11	21
Asajaya	0	1	0	0	0	1
Simunjan	0	1	0	1	0	0
Serian	2	21	2	15	0	6
SAMARAHAN	14	47	3	19	11	28
Sri Aman	3	15	0	5	11	10
Lubok Antu	2	4	0	1	3	3
SRI AMAN	5	19	0	6	14	13
Betong	33	42	5	7	28	35
Saratok	3	18	2	8	1	10
BETONG	36	60	7	15	29	45
Sarikei	1	9	1	6	0	3
Meradong	0	3	0	2	0	1
Pakan	0	1	0	0	0	1
Julau	0	2	0	1	0	1
SARIKEI	1	15	1	9	0	6
Daro	1	1	0	0	1	1
Matu	0	0	0	0	0	0
Mukah	0	3	0	0	0	3
Dalat	1	7	1	6	0	1
MUKAH	2	11	1	6	1	5
Sibu	1	11	0	7	1	4
Selangau	0	0	0	0	0	0
Kanowit	0	1	0	1	0	0
SIBU	1	12	0	8	1	4
Kapit	1	35	1	26	0	9
Song	0	2	0	1	0	1
Belaga	0	12	0	11	0	1
KAPIT	1	49	1	38	0	11
Bintulu	28	73	0	28	28	45
Tatau	2	9	0	3	2	6
BINTULU	30	82	0	31	30	51
Miri	17	49	0	20	17	29
Marudi	0	0	0	0	0	0
MIRI	17	49	0	20	17	29
Limbang	6	14	0	1	6	13
Lawas	2	12	2	7	0	5
LIMBANG	8	26	2	8	6	18
SARAWAK	184	569	77	305	116	264

10.2.2. Cumulative HFMD Clusters as of 11th February 2012.

Seven HFMD clusters were reported in Epid. Week 6, 2012. A total of three clusters in kindergartens from Kuching, Limbang and Betong district; one primary school from Betong district and three family clusters from Kuching, Samarahan and Lundu district.

As at 11th February 2012, a total of 38 clusters reported. Of these, 23 (60.53%) were family clusters, six taska (15.79%), seven kindergarten (15.79%) and two school primary (5.26%).





10.3. Notified Leptospirosis cases for Epid. Week 6, 2012 compared to Epid. Week 6, 2011 and cumulative cases till Epid. Week 6 in 2012.

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (06) 2012	EW (06) 2011	EW (06) 2012	EW (06) 2011			
Lundu	0	0	0	0	0	7	0
Bau	0	0	0	0	0	4 (1)	1
Kuching	0	0	1	0	3	38 (2)	12
KUCHING	0	0	1	0	3	49 (3)	13
Samarahan	0	0	0	0	0	3	1
Asajaya	0	0	0	0	0	3	0
Simunjan	0	0	0	0	0	8 (1)	1
Serian	0	0	0	0	0	10 (2)	2
SAMARAHAN	0	0	0	0	0	24 (2)	4
Sri Aman	0	0	0	0	0	13 (2)	1
Lubok Antu	0	0	1	0	1	11	3 (1)
SRI AMAN	0	0	1	0	1	24 (2)	4 (1)
Betong	0	0	1	0	0	5 (1)	0
Saratok	0	0	0	0	0	5	0
BETONG	0	0	1	0	0	10 (1)	0
Sarikei	0	0	0	0	0	1	1
Meradong	0	0	0	0	0	24	1
Pakan	0	0	0	0	0	3	1
Julau	0	0	0	0	0	0	1
SARIKEI	0	0	0	0	0	28	4
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
MUKAH	0	0	0	0	0	4 (1)	2
Sibu	0	0	0	0	0	2	6
Kanowit	0	0	0	0	0	4	1
Selangau	0	0	0	0	0	3	0
SIBU	0	0	0	0	0	9	7
Song	0	0	0	0	0	1	2
Kapit	0	0	0	1	0	12	1
Belaga	0	0	0	0	0	7 (1)	0
KAPIT	0	0	0	0	0	20 (1)	3
Tatau	0	0	0	0	0	1	0
Bintulu	0	0	0	0	0	11 (3)	6
BINTULU	0	0	0	0	0	12 (3)	6
Miri	0	0	0	0	0	12	3
Marudi	0	0	0	0	0	2	2
MIRI	0	0	0	0	0	14	5
Limbang	0	0	0	0	3	2 (1)	1
Lawas	0	0	0	0	0	0	0
LIMBANG	0	0	0	1	3	2 (1)	1
SARAWAK	0	0	3	1	7	196 (15)	49 (1)

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 9th December 2010 (Surat Pekeliling Ketua Pengarah Kesihatan Malaysia Bil. 33/2010

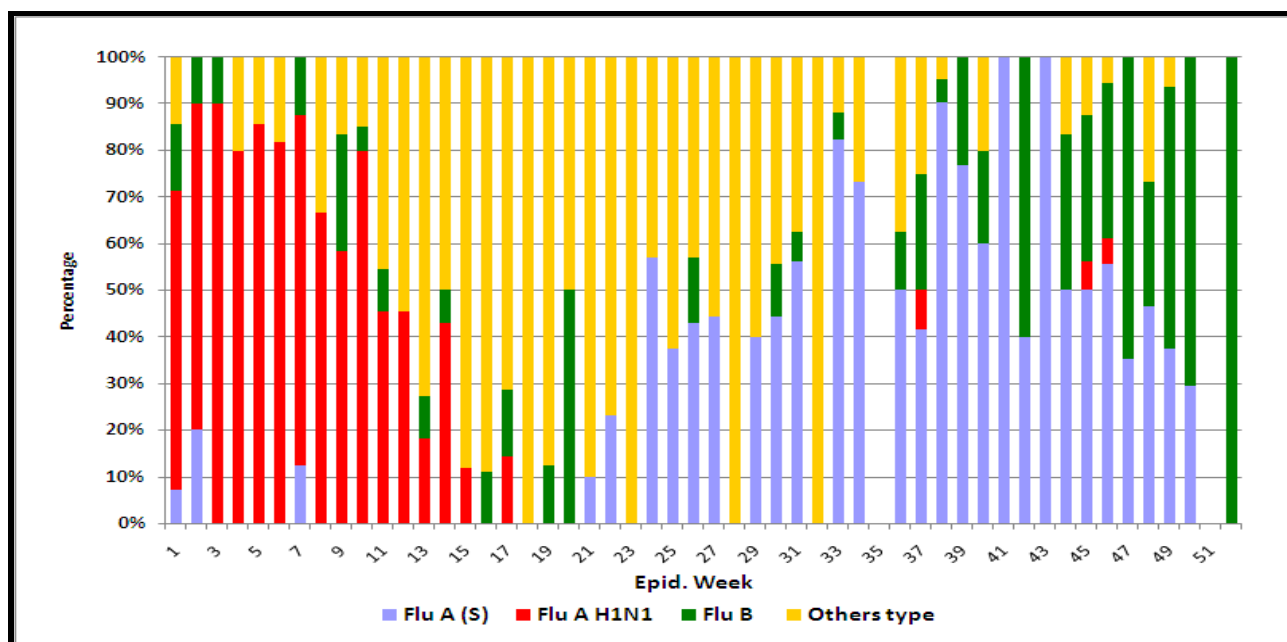
10.4. Notified Melioidosis cases for Epid. Week 6, 2011 compared to Epid. Week 6, 2011 and cumulative cases until Epid. Week 6, 2012.

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (06) 2012	EW (06) 2011	EW (06) 2012	EW (06) 2011			
Lundu	0	0	0	0	0	0	0
Bau	0	0	0	0	0	1	0
Kuching	0	0	0	0	0	4	12 (1)
KUCHING	0	0	0	0	0	5	12 (1)
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	1	1 (1)
SAMARAHAN	0	0	0	0	0	1	1 (1)
Sri Aman	0	0	0	0	0	3	0
Lubok Antu	0	0	0	0	0	1	0
SRI AMAN	0	0	0	0	0	4	0
Betong	0	0	0	0	0	0	2
Saratok	0	0	0	0	0	0	1 (1)
BETONG	0	0	0	0	0	0	3 (1)
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
SARIKEI	0	0	0	0	0	0	6
Daro	0	0	0	0	0	0	0
Matu	0	0	0	0	0	0	0
Dalat	0	0	0	0	0	0	1
Mukah	0	0	0	0		2	3 (1)
MUKAH	0	0	0	0	0	2	4 (1)
Sibu	0	0	0	0	0	2	5 (1)
Kanowit	0	0	0	0	0	1	1
Selangau	0	0	0	0	0	5	6 (2)
SIBU	0	0	0	0	0	8	12 (3)
Song	0	0	0	0	0	1	7 (2)
Kapit	0	0	2	0	2	61 (3)	162 (1)
Belaga	0	1(1)	0	1	0	21 (4)	28 (1)
KAPIT	0	1(1)	2	1	2	83 (7)	197 (4)
Tatau	0	0	0	0	0	4 (1)	14 (4)
Bintulu	0	0	0	0	0	5	49 (1)
BINTULU	0	0	0	0	0	9 (1)	63 (5)
Miri	0	0	0	0	0	6 (2)	35 (1)
Marudi	0	0	0	0	0	1	7
MIRI	0	0	0	0	0	7 (2)	42 (1)
Limbang	0	0	0	0	0	0	2
Lawas	0	0	0	0	0	0	1 (1)
LIMBANG	0	0	0	0	0	0	3 (1)
SARAWAK	0	1(1)	2	1	2	119 (10)	343 (18)

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

11. LABORATORY BASED SURVEILLANCE

11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah*) from Epid Week 1 till Epid Week 52, 2011.



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

In Malaysia, as at Epid Week 52, 2011, a total of 3,990 throat swab specimens were analysed at MKAK Sungai Buloh. Of these, 540 specimens isolated various types of influenza virus i.e. virus Flu A(H1N1)_{pdm09} (101), Flu A (s) [259], Flu B (116), and other types of virus (143). Other viruses which are under category of others-type: Adenovirus (95), Paramyxovirus (15), RSV (1), Enterovirus (1) and other viruses (51).

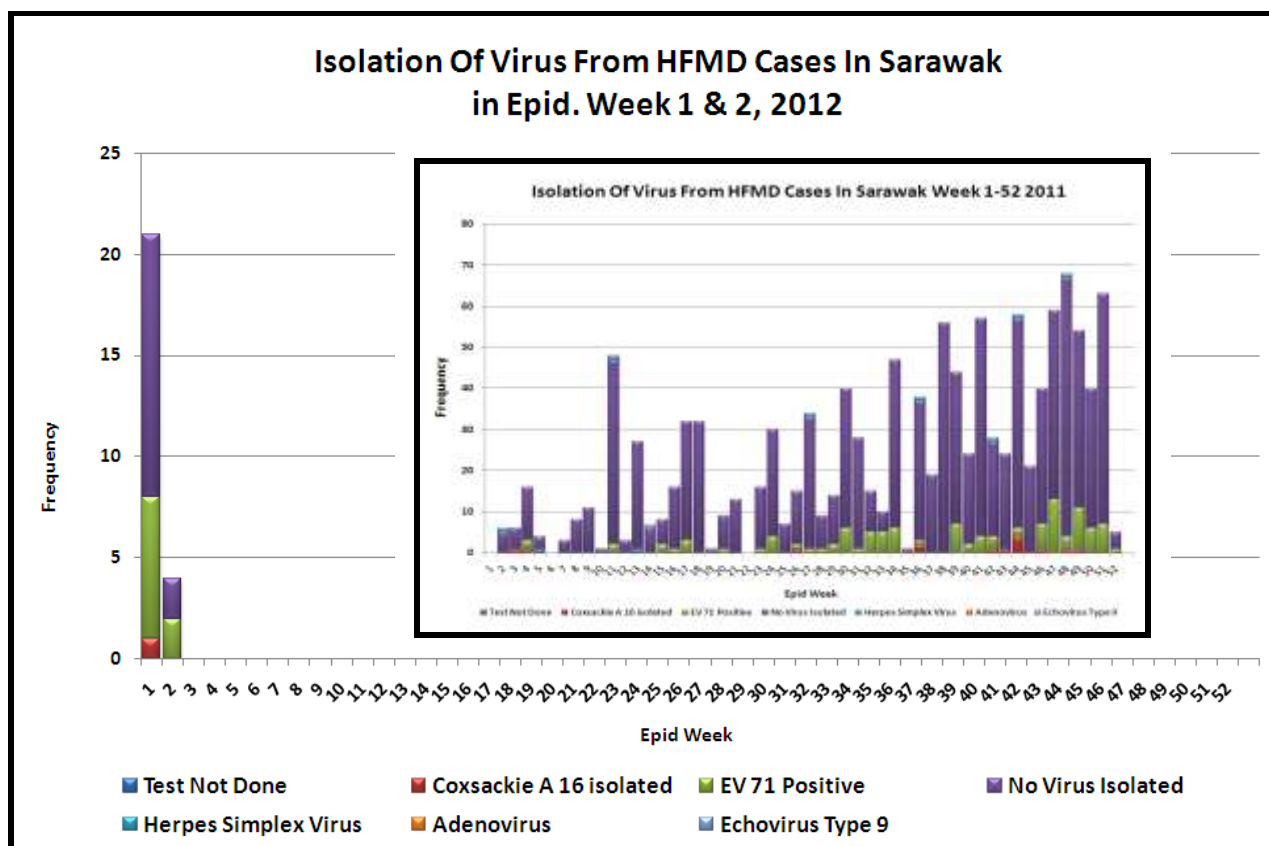
11.2. Laboratory Based Surveillance for Measles in Malaysia

In Malaysia, as at Epid. Week 3, 2012, a total of 353 serum specimens for serology test were sent to MKAK Sg. Buloh and MKAK Kota Kinabalu. Of these, 129 were positive for IgM Measles (with 5 equivocal) and 17 positive for IgM Rubella.

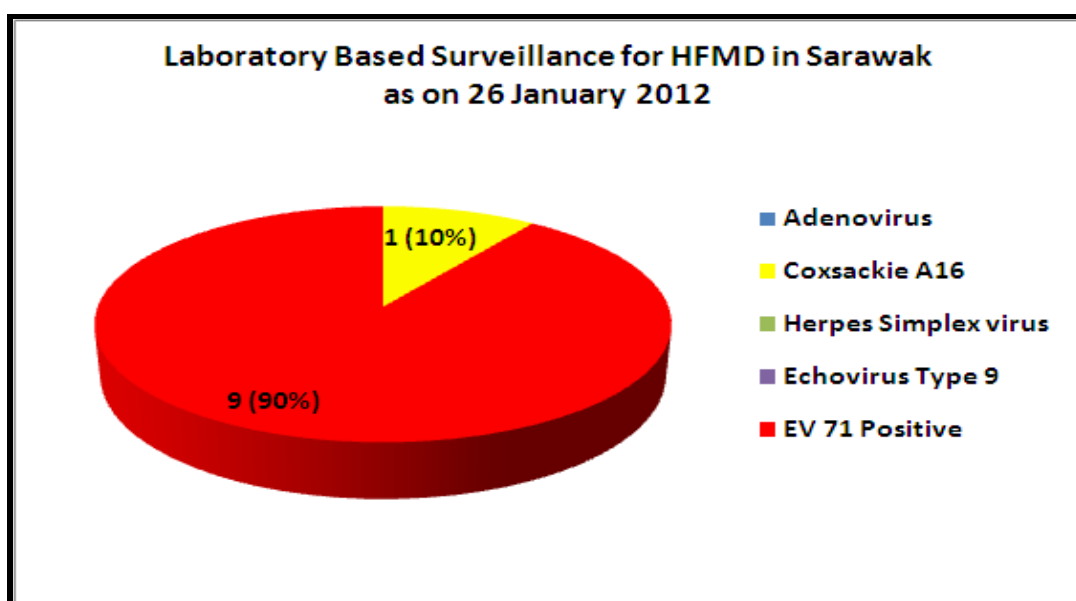
For Sarawak, as at Epid Week 3, 2012, a total of 63 specimens for serology test were sent to MKAK Sg Buloh, 28 were positive for IgM Measles and two was positive for IgM Rubella. The positive specimens for IgM Measles were received from Miri (20), Bintulu (7) and Sibu (1) district.

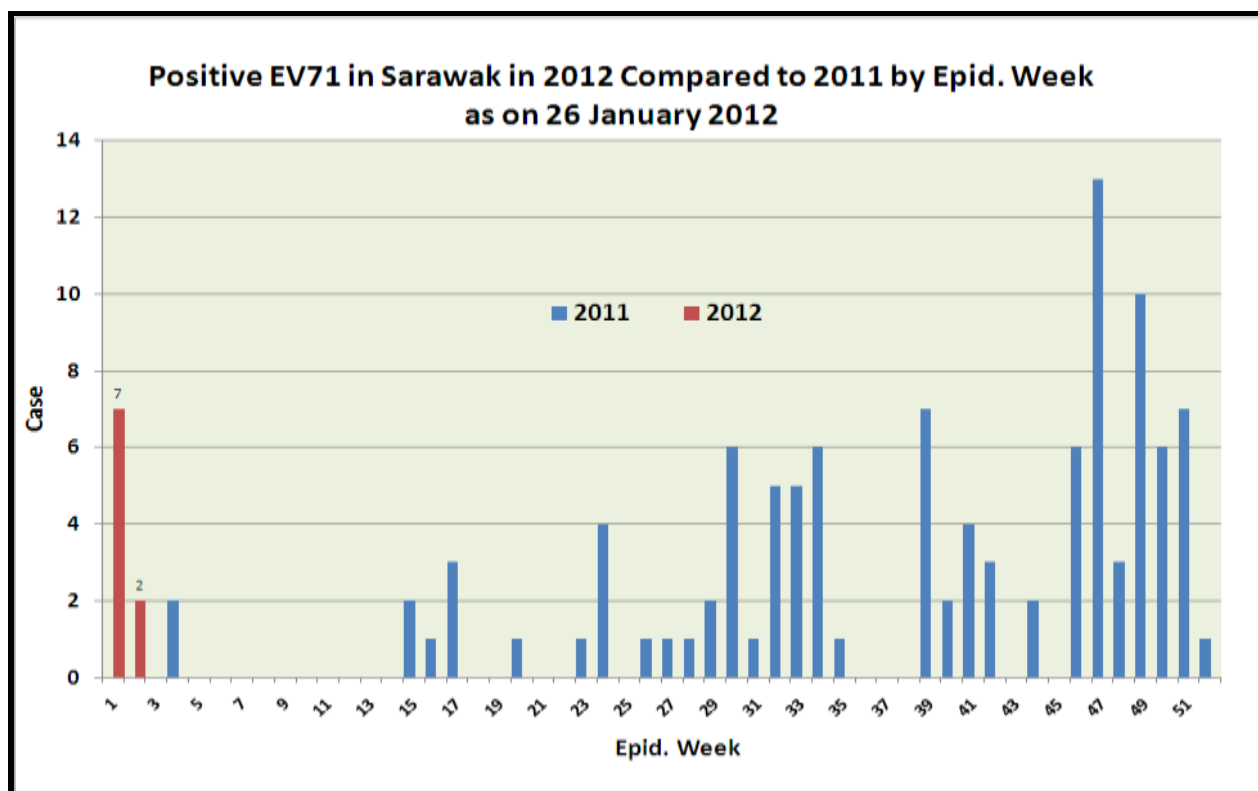
In 2011, Sarawak Health Department sent a total of 360 serum specimens for serology test to MKAK Sg. Buloh. Of these, 40 were positive for IgM Measles (with 6 equivocal) and 40 positive for Rubella (with 17 equivocal)

11.3. Laboratory Based Surveillance for HFMD in Sarawak from Epid Week 1 till Epid Week 3, 2012 compared to 2011 (insert).

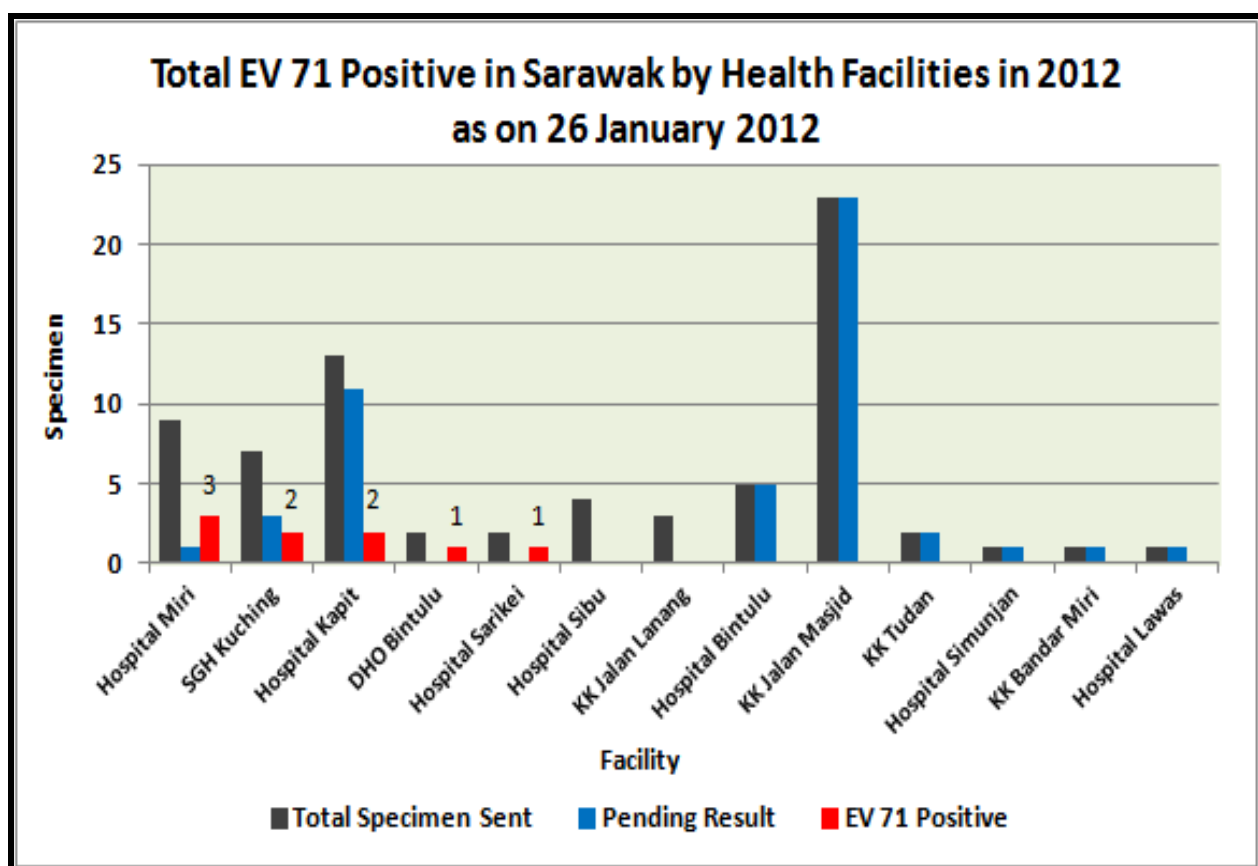


As on 26th January, 2012, a total of 73 specimens were sent to MKAK Sg. Buloh for viral isolation. Of these, 10 (13.70%) specimens isolated viruses: EV71 (9), Coxsackie A16 (1). No viruses isolated in 15 (20.55%) specimens and another 48 (65.75%) specimens are still pending.

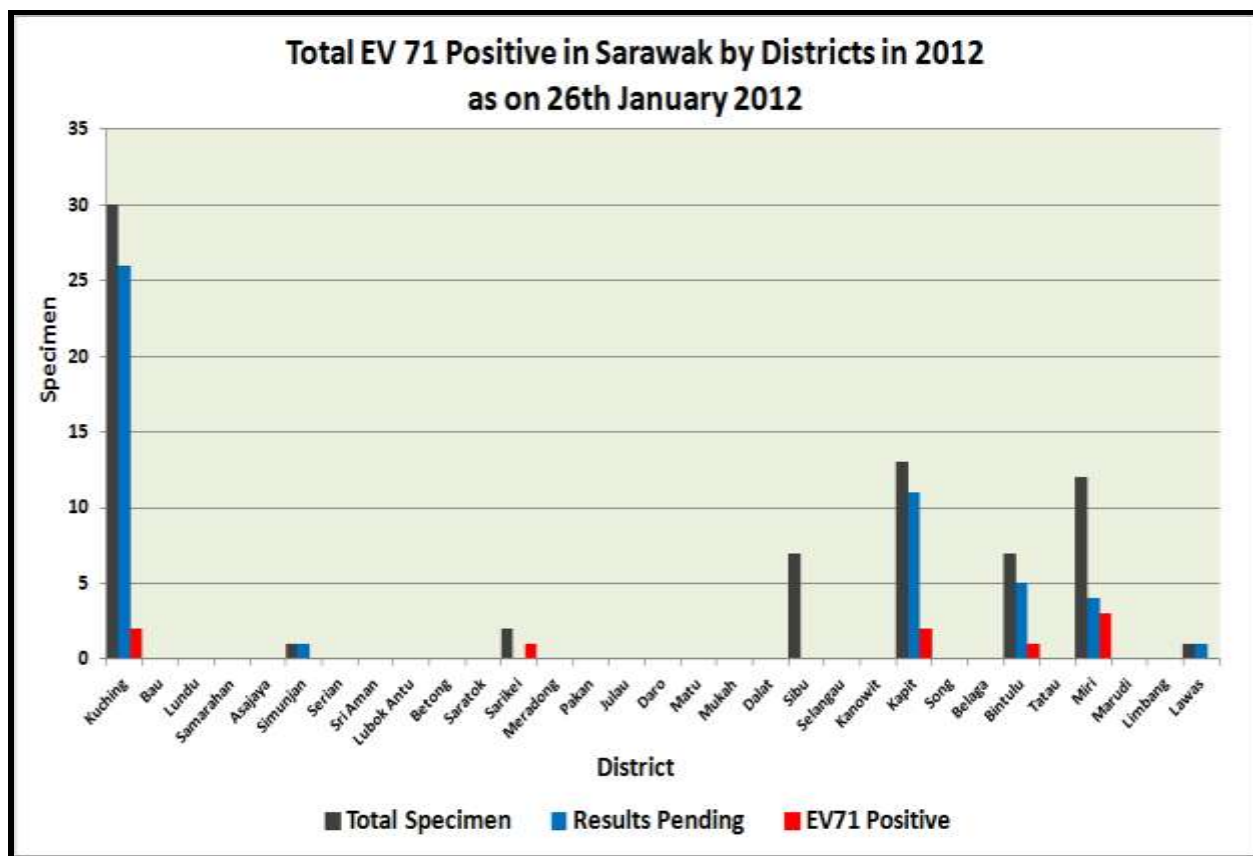




*results from EW 3, 2012 onwards are still pending



*results from EW 3, 2012 onwards are still pending



*results from EW 3, 2012 onwards are still pending

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 9th 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)

The addresses and contact numbers of the Medical Officer of Health/Divisional Health Officers in Sarawak are listed below (as at 11th February 2012):

No.	Name/Designation	Office address	E-mail address	Tel. / Fax / Handphone number
1	Ketua Penolong Pengarah Kanan Dr. Razitasham Safii	Seksyen Kawalan Penyakit Berjangkit, Jabatan Kesihatan Negeri Sarawak,	razitasham@srwk.moh.gov.my	Tel: 082-421442 Fax: 082-234571 Hp: 013-8047635
2	Ketua Penolong Pengarah Dr. Noorzilawati Sahak	Seksyen Kawalan Penyakit Berjangkit, Jabatan Kesihatan Negeri Sarawak.	drnoorzila@gmail.com	Tel: 082-246935 Fax: 082-234571 Hp: 014-6999126
3	Pegawai Kesihatan Bahagian Bahagian Kuching Dr. Kamarudin Lajim	Pejabat Kesihatan Bahagian, Bahagian Kuching, Jalan Tun Ahmad Zaidi Adruce, 93250 KUCHING.	kamarudinl@srwk.moh.gov.my	Tel: 082-238635/257867 Fax: 082-414542/250037 Hp: 013-8014332
4	Pegawai Kesihatan Bahagian Bahagian Samarahan Dr. Julaidah Sharip	Pejabat Kesihatan Bahagian, 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 Kesihatan Bahagian Bahagian Sri Aman Dr. Musalnizan bt Mustalkan	Pejabat Kesihatan Bahagian, Bahagian Sri Aman, Tingkat 3, Wisma Persekutuan, Jalan Hospital 95007 SRI AMAN.	musalnizan@yahoo.com	Tel: 083-332176 Fax: 083-322058 Hp: 013-8187779
6	Pegawai Kesihatan Bahagian Bahagian Betong Dr. Jeffery Stephen	Pejabat Kesihatan Bahagian, Bahagian Betong, KM 2, Jalan Betong, 95700 BETONG.	stjeffery@srwk.moh.gov.my	Tel: 083-472116 Fax: 083-471870 Hp: 019-8584053
7	Pegawai Kesihatan Bahagian Bahagian Sarikei Dr. Hasrina Hassan	Pejabat Kesihatan Bahagian Bahagian Sarikei Tingkat 3, Wisma Persekutuan 96100 SARIKEI	hasrina@srwk.moh.gov.my	Tel: 084-651077 Fax: 084-654088 Hp: 013-3403363
8	Pegawai Kesihatan Bahagian Bahagian Sibu Dr. Muhamad Rais Abdullah	Pejabat Kesihatan Bahagian, Bahagian Sibu, Tingkat 5, Wisma Persekutuan, Persiaran Brooke, 96000 SIBU.	mdrais@srwk.moh.gov.my	Tel: 084-315494 Fax: 084-348284 Hp: 019-8196459
9	Pegawai Kesihatan Bahagian Bahagian Kapit Dr. Ngian Hie Hung	Pejabat Kesihatan Bahagian, Bahagian Kapit, Tingkat 3, Wisma Persekutuan, 96800 KAPIT.	ngiahu@srwk.moh.gov.my	Tel: 084-796404 Fax: 084-332502 Hp: 017-8030839
10	Pegawai Kesihatan Bahagian Bahagian Mukah Dr. Hj. Osman Hji. Rafaie	Pejabat Kesihatan Bahagian, Bahagian Mukah, Jalan Haji Muhammad Pauzi, 96400 MUKAH.	dho_mukah@yahoo.com	Tel: 084-873301 Fax: 084-872963 Hp: 013-8014700
11	Pegawai Kesihatan Bahagian Bahagian Bintulu Dr. Abdul Rahim Abdullah	Pejabat Kesihatan Bahagian, Bahagian Bintulu, Lebuhraya Abang Galau, 97000 BINTULU.	dr.abdrahim@srwk.moh.gov.my	Tel: 086-331455 Fax: 086-661814 Hp: 013-3440575
12	Pegawai Kesihatan Bahagian Bahagian Miri Dr. Faizul Mansoor	Pejabat Kesihatan Bahagian, Bahagian Miri, Jalan Temenggong Oyong Lawai Jau, 98000 MIRI.	bmfaizul@srwk.moh.gov.my	Tel: 086-424722 Fax: 086-429987 Hp: 013-8335504
13	Pegawai Kesihatan Bahagian Bahagian Limbang Dr. Norliza Jusoh	Pejabat Kesihatan Bahagian, Bahagian Limbang, Jalan Pandaruan, 98700 LIMBANG.	norlizaj@srwk.moh.gov.my	Tel: 085-211046 Fax: 085-429987 Hp: 019-8163163

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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.