



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

WEEK 07

12th – 18th February 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

In Epid. Week 7, 2012, Sarawak Health Department received reports of 18 HFMD clusters, one chicken pox cluster, one food poisoning outbreak and one malaria 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	HFMD	Kuching	No.54 Kg.Jambu, Padawan	2	11.2.2012
2			Advance Synergy Square,Matang	2	7.2.2012**
3			Quarters 6-6A4 PGA Bt. Kawa	2	10.2.2012**
4			Tabika Kemas Kem PGA Bt. Kawa	6	11.2.2012
5			Tadika Perpaduan, Kg.Bumbok	2	9.2.2012**
6			No.55, Lorong Sg.Maong Ulu 3A	3	11.2.2012
7			No.96, Rock View, Jln Rock	2	11.2.2012
8			Sk. Song Kheng Hai	3	13.2.2012
9			G4,Kuarters MINDEAF Bt.6	3	14.2.2012
10			Lot 851, Kg.Rampangi	4	13.2.2012
11		Lundu	SJK Chung Hua Lundu	2	16.2.2012
12			Kg. Pasir Ulu	2	18.2.2012
13		Bintulu	Tadika Bestari	4	7.2.2012**
14			Misy Day Care, Taman Li Hua	3	7.2.2012**
15			Setinggalan Hock Peng	2	12.2.2012
16		Sarikei	Lorong 1, Jalan Seluang	2	9.2.2012**
17		Betong	Kg. Dabok	3	15.2.2012
18		Miri	Vista Perdana, Permai Jaya	2	15.2.2012
19	Chicken Pox	Bintulu	No.31,Kuarters Kerajaan Negeri	2	12.2.2012
20	Food Poisoning	Mukah	Kg. Kuala Lama	3	18.2.2012
21	Malaria	Belaga	Penempatan sementara Lg.Luar	3	11.2.2012

Remarks: ** - Late Notification to CPRC, JKN Sarawak.

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 7, 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											4									1							
Bau						1					1									3							
Kuching						6					91		2		8					20			3				
Samarahan											16				4												
Asajaya											2									1							
Simunjan						2					1																
Serian						1					7																
Sri Aman						2					4				6												
L/ Antu						2					0		2														
Betong						1	1				13																
Saratok											4		1														
Sarikei						1	1				0				2												
Meradong						2					0									4							
Pakan/Julau						2					3		1														
Daro											0		1														
Matu											0																
Dalat											0																
Mukah									3		1																
Sibu							1				5			1	1												
Kanowit											0		3														
Selangau											0		2														
Song						2					1									1							
Kapit						1					1		5		2					1							
Belaga											2		1														
Tatau											1		1														
Bintulu						1					29				52							1					
Miri						7					14			1	48					3			1				
Marudi											0		11														
Limbang											4		1		4												
Lawas											0		4								1						
TOTAL (Week 7)	0/0	0	0	0	0	31	3	0	3	0	204	0	35	2	127	0	0	0	0	0	35	1	0	4	0	0	0
Total (2012)	8/3	0	0	0	0	131	9	0	158	32	813	0	172	4	243	0	0	0	9	0	139	4	0	25	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.

4.1. Summary of total number of food-water borne diseases in Sarawak from Epid. Week 1 till Epid. Week 7, 2012

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

Note: S = Suspected; C = Confirmed

4.2. Food Poisoning

Mukah Division Health Office reported a food poisoning outbreak involving three members of a family from Jalan Muhibbah, Kg. Kuala Lama, Mukah on 17.02.12. The suspected food was Chicken Curry.

4.3. Cholera

No case reported in Epid. Week 7, 2012.

4.4. Dysenteries (All forms)

Three suspected dysentery cases were reported in Epid. Week 7, 2012. One each from Betong, Sarikei and Sibu district. Stool samples were taken from Sarikei and Betong cases were negative for *shigella*. No specimen was taken from the Sibu case.

4.5. Typhoid and paratyphoid fever

Kuching District reported one confirmed and two suspected cases of typhoid fever. The blood specimen from the confirmed case was positive to *Salmonella typhi*. As at 18/02/2012, three confirmed typhoid and one confirmed paratyphoid have been reported in Sarawak.

4.6. Hepatitis A

There is one confirmed case of Hepatitis A reported in Epid. Week 7, 2012 from Pusat Jantung, Sarawak General Hospital. This case is still under investigation by Samarahan Division Health Office, Sarawak State Health Department and Marudi District Health Office

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 7, 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	8	0	0	0	6	0	0	0	0	0	2	0
SAMARAHAN	0	0	4	0	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	0	6	0	0	0	4	1	0	0	0	0	0	1
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	1	0
KAPIT	0	0	2	0	0	0	1	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	52	16	2	8	6	0	0	0	0	0	0	0
MIRI	0	0	48	13	0	0	10	0	0	0	0	0	1	0
LIMBANG	0	0	4	0	0	0	1	0	0	0	0	0	0	0
SARAWAK	0	0	127	30	2	8	29	1	0	0	0	0	4	1

Note: S = suspected; C = confirmed

5.2. Measles (data derived from SM2)

Eleven suspected cases of measles were reported in Epid week 7, 2012. Of these, one was from the suspected measles outbreak area at Ladang Bayu Simalajau, Jalan Simalajau, Bintulu, while the other 10 were sporadic. The cumulative number of suspected measles cases reported in Sarawak as of Epid Week 7, 2012 is 127.

5.2.1 Measles Elimination Programme (MEP) by Division from Epid. Week 1 till Epid. Week 7, 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	8	7 (87.50%)	7 (87.50%)	8 (100%)
Samarahan	4	4 (100.00%)	3 (75.00%)	4 (100%)
Sri Aman	6	5 (83.33%)	4 (66.67%)	5 (83.33%)
Betong	0	0	0	0
Sarikei	2	2 (100.00%)	2 (100.00%)	2 (100.00%)
Sibu	1	1 (100.00%)	1 (100.00%)	1 (100.00%)
Kapit	2	2 (100.00%)	2 (100.00%)	2 (100.00%)
Mukah	0	0	0	0
Bintulu	52	51 (98.08%)	50 (96.15%)	50 (96.15%)
Miri	48	43 (89.58%)	48 (100.00%)	48 (100.00%)
Limbang	4	4 (100.00%)	3 (75.00%)	4 (100.00%)
Sarawak	127	119 (93.7%)	94.49	112 (96.55%)

5.3. Whooping Cough

Two suspected cases were reported in Epid. Week 7, 2012. One case is from Senadin (Miri) and one from Sibu Jaya.

5.4. Polio

No suspected cases were reported in Epid. Week 7, 2012.

5.5. Rubella

No case of laboratory confirmed IgM Rubella was reported in Epid. Week 7, 2012. The cumulative confirmed cases reported in 2012 is remains as one.

5.6. Tetanus (All forms)

No suspected case was reported in Epid. Week 7, 2012.

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 7, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 7, 2012.

District / Division	2012			
	EW 7		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	2	0	2	0
Marudi	0	0	0	0
MIRI	2	0	2	0
Limbang	1	0	1	0
Lawas	0	0	0	1
LIMBANG	1	0	1	1
Sarawak	3	0	8	3

EW = Epid. Week; Cum. = Cumulative figure

6.2 HIV/AIDS Patient Classification Notified in Epid. Week 7 and Cumulative from Epid. Week 1 until Epid. Week 7, 2012

District / Division	2012					
	Children		Women		Foreigner	
	EW 7	Cum.	EW 7	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

Three HIV cases were reported in Epid. Week 7, 2012, two from Miri and one from Limbang district.

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 7	Cum.	EW 7	Cum.
Lundu	0	0	1	1
Bau	0	0	0	0
Kuching	2	15	0	1
KUCHING	2	15	1	2
Samarahan	0	3	0	2
Asajaya	0	2	0	1
Simunjan	0	1	0	0
Serian	1	2	0	0
SAMARAHAN	1	8	0	3
Sri Aman	0	0	1	2
Lubok Antu	0	1	0	1
SRI AMAN	0	1	1	3
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	2	6	1	3
Kanowit	0	0	0	0
Selangau	0	0	0	0
SIBU	2	6	1	3
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	1	7	1	1
Marudi	0	0	0	0
MIRI	1	7	1	1
Limbang	0	0	0	0
Lawas	0	0	0	0
LIMBANG	0	0	0	0
Sarawak	6	38	4	15

EW = Epid. Week; Cum. = Cumulative figure

Gonorrhoea

Six cases were reported in Epid. Week 7, 2012. As at Epid. Week 6, 2012, the cumulative number of cases is 32.

Syphilis (All forms)

Four cases were reported in Epid. Week 7, 2012. The cumulative number of cases in 2012 is 13.

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

7.1 Notified Tuberculosis cases for Epid. Week 7, 2012 compared to Epid. Week 7, 2011 and cumulative cases until Epid. Week 7, 2012.

District / Division	2012		2011		Total
	EW 7	Cum.	EW 7	Cum.	
Lundu	1	0	0	0	23
Bau	3	1	0	2	42
Kuching	20	28	0	10	340
KUCHING	24	29	0	12	405
Samarahan	0	2	0	0	29
Asajaya	1	1	0	0	15
Simunjan	0	6	0	0	34
Serian	0	6	0	0	52
SAMARAHAN	1	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	4	4	0	5	27
Pakan	0	0	0	0	20
Julau	0	2	0	0	20
SARIKEI	4	7	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	0	13	0	0	169
Kanowit	0	3	0	0	27
Selangau	0	0	0	0	38
SIBU	0	16	0	0	234
Song	1	3	0	0	23
Kapit	1	3	0	2	56
Belaga	0	0	0	0	29
KAPIT	2	6	0	2	108
Tatau	0	0	0	0	42
Bintulu	0	0	0	5	183
BINTULU	0	0	0	5	225
Miri	3	23	0	0	290
Marudi	0	4	1	5	41
MIRI	3	27	1	5	331
Limbang	0	8	0	0	38
Lawas	1	3	0	0	23
LIMBANG	1	11	0	0	61
Sarawak	35	139	2	37	1838

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 7, 2012 compared to Epid. Week 7, 2011 and cumulative cases until Epid. Week 7, 2012.

District / Division	2012		2011		Total
	EW 7	Cum.	EW 7	Cum.	
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 18th February 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 7	Cum.	EW 7	Cum.	EW 7	Cum.
Lundu	0	0	1	1	0	0
Bau	2	3	1	1	0	0
Kuching	13	31	3	9	4	7
KUCHING	15	34	5	11	4	7
Samarahan	0	1	0	0	0	1
Asajaya	0	0	0	1	0	0
Simunjan	0	5	0	0	0	0
Serian	0	5	0	0	0	0
SAMARAHAN	0	11	0	1	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	4	4	0	0	0	0
Pakan	0	0	0	0	0	0
Julau	0	2	0	0	0	0
SARIKEI	4	6	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	0	12	0	0	0	1
Kanowit	0	3	0	0	0	0
Selangau	0	0	0	0	0	0
SIBU	0	15	0	0	0	1
Song	0	1	1	1	0	1
Kapit	0	0	0	1	1	2
Belaga	0	0	0	0	0	0
KAPIT	0	1	1	2	1	3
Tatau	0	0	0	0	0	0
Bintulu	0	0	0	0	0	0
BINTULU	0	0	0	0	0	0
Miri	2	20	1	4	0	0
Marudi	0	2	0	1	0	0
MIRI	2	20	1	5	0	0
Limbang	0	8	0	0	0	0
Lawas	0	1	1	1	0	1
LIMBANG	0	9	1	1	0	1
Sarawak	21	101	9	24	5	14

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

A total of 35 cases of tuberculosis (all forms) were reported in Epid. Week 7, 2012. As at 18th February 2012, the cumulative total of reported cases is 139.

Leprosy

No case was reported in Epid. Week 7, 2012. The cumulative number of reported cases in 2012 remained at zero.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 18th February 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 7	Cum.	*Exposed		*Not exposed		EW 7	Cum.	EW 7	Cum.	EW 7	Cum.
			EW 7	Cum.	EW 7	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	0	2	0	0	0	0	0	1	0	2	0	0

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

* Possibility of exposed or not exposed to TB patient

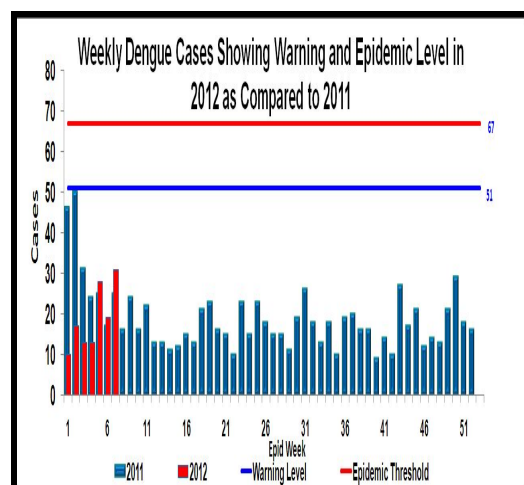
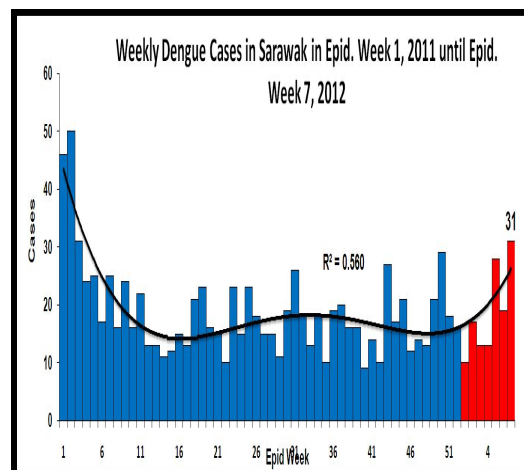
Figure for TB notified cases are based on registered TB cases in e-Notifikasi system.

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 7, 2012 compared to Epid. Week 7, 2011 and cumulative cases until Epid. Week 7, 2012.

District	2012		2011		Total
	EW 07	Cum.	EW 07	Cum.	
Lundu	0	2	0	2	10
Bau	1	4	1	11	36
Kuching	6	21	5	21	106
Samarahan	0	4	0	3	21
Asajaya	0	1	0	0	4
Serian	2	2	0	3	18
Simunjan	1	3	0	5	19
Sri Aman	2	6	3	10	56
Lubok Antu	2	3	0	4	23
Betong	1	6	0	4	13
Saratok	0	3	0	0	11
Sarikei	1	5	0	7	28
Meradong	2	3	0	4	14
Pakan	1	3	0	5	23
Julau	1	1	1	1	17
Daro	0	0	1	5	6
Matu	0	0	0	1	1
Dalat	0	4	0	1	3
Mukah	0	2	0	1	5
Sibu	0	7	2	36	75
Kanowit	0	1	0	6	31
Selangau	0	1	1	4	10
Song	2	4	0	3	10
Kapit	1	6	1	10	32
Belaga	0	2	0	4	27
Tatau	0	4	0	7	47
Bintulu	1	4	4	25	100
Miri	7	26	1	19	134
Marudi	0	3	2	11	59
Limbang	0	0	3	3	20
Lawas	0	0	0	2	15
Sarawak	31	131	25	218	974

EW = Epid. Week; Cum. = Cumulative figure

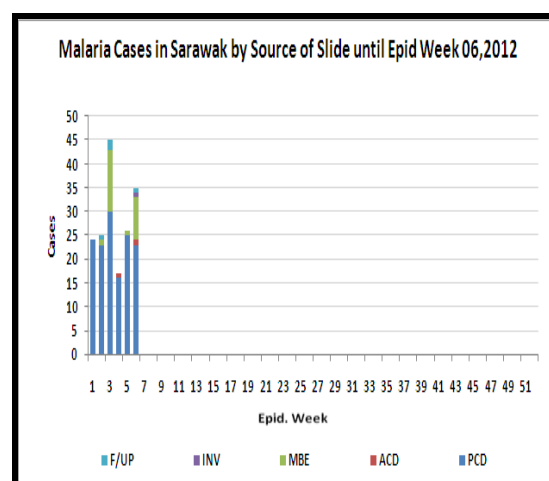
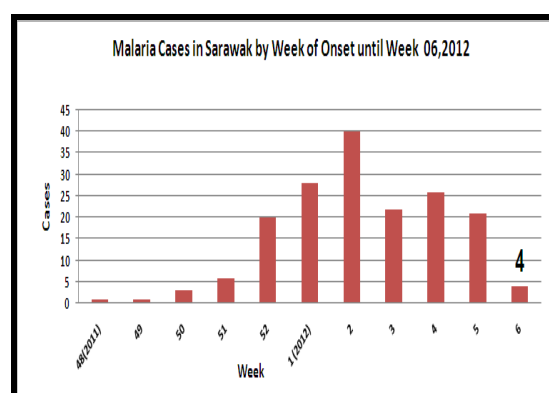
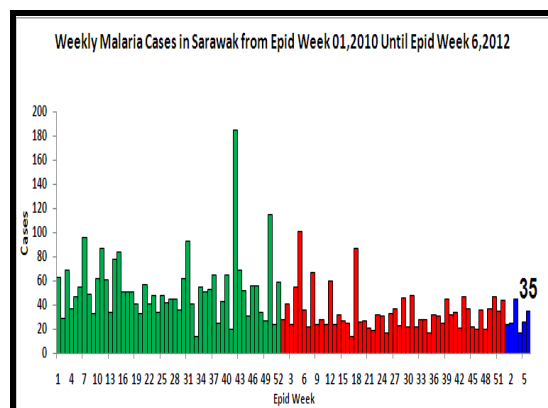


In 2012, a total of 31 dengue cases were reported for Week 7 as compared to 25 cases during the same period in 2011.

There is an increases of 12 cases from the previous week (week 06, 2012).

8.2. Notified Malaria 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	5	11	33
Bau	0	0	0	0	5
Kuching	2	4	0	0	23
Samarahan	0	0	0	1	3
Asajaya	0	0	0	0	1
Serian	0	1	0	1	21
Simunjan	0	1	0	0	2
Sri Aman	0	2	0	3	17
Lubok Antu	3	5	0	4	25
Betong	0	1	1	4	47
Saratok	0	1	0	0	3
Sarikei	0	2	1	3	16
Meradong	0	0	1	2	9
Pakan	0	8	1	2	29
Julau	1	12	2	6	69
Daro	1	2	0	0	2
Matu	0	0	0	0	2
Dalat	0	1	0	1	10
Mukah	0	1	0	1	2
Sibu	0	12	0	4	52
Kanowit	3	7	0	10	89
Selangau	2	4	0	0	16
Song	0	7	0	9	78
Kapit	5	27	2	27	230
Belaga	1	7	4	14	139
Tatau	1	4	0	1	34
Bintulu	0	1	2	4	39
Miri	0	4	1	11	40
Marudi	11	43	13	161	670
Limbang	1	6	0	1	21
Lawas	4	9	3	4	34
Sarawak	35	172	36	285	1761



A total of 35 cases were reported on week 6, 2012. The number of cases till week 6 was 172 cases. Of there, 43 cases (25%) were from Marudi District, 27 cases (16%) from Kapit District, and 12 cases (7%) , from Sibu and Julau 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 6	Cum.
Passive Case Detection (PCD)	23	141
Active Case Detection (ACD)	1	2
Investigation slides (INV)	1	1
Mass Blood Survey (MBS)	9	24
Follow-up	1	4
Total	35	172

8.2.2. Malaria cases by species

Species	2012	
	EW 6	Cum.
<i>P. vivax</i>	15	67
<i>P. falciparum</i>	3	15
<i>P. malariae</i>	3	8
<i>P. knowlesi</i>	14	82
<i>P. ovale</i>	0	0
Mixed	0	0
Total	35	172

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 6	Cum.
Indigenous	30	140
*Imported A	5	32
Relapsed	0	0
Congenital	0	0
Total	35	172

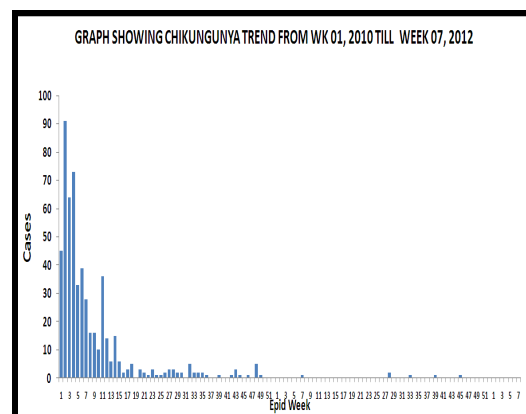
8.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Address in Sarawak	Species
1	Tatau	Fantalia Company, Papua New Guinea	Malaysian	51	Male	Sg. Kelawit Rumah Micheal, Ugong, Tatau	<i>P. vivax</i>
2	Kapit	KKB Debini, Rimbunan Hijau, Asia Congo, Africa	Malaysian	47	Male	Tatai Ruai, Kapit	<i>P. falciparum</i>
3	Selangau	KKB Vanimu Jaya, Papua New Guinea	Malaysian	36	Male	Ulu Maga Kiba, Rh. Utol, Salangau	<i>P. vivax</i>
4	Kanowit	KK Rimbunan Hijau, South Africa	Malaysian	45	Male	Kg. Hilir, Kanowit	<i>P. knowlesi</i>
5	Daro	Vanino Jaya Sdn. Bhd, Papua New Guinea	Malaysian	40	Male	Rh. Semalau, Daro	<i>P. falciparum</i>

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 7, 2012 compared to Epid. Week 7, 2011 and cumulative cases until Epid. Week 7 in 2012.

DISTRICT	2012		2011		
	EW7	Cum.	EW7	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
ASA JAYA	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	1	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	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	1	1	6



No case of Chikungunya was reported in Epid. Week 7, 2012. The cumulative case of Chikungunya for 2012 is remains as zero.

EW = Epid. Week; Cum. = Cumulative figure

8.4. Filariasis

Two Filariasis cases were reported in Epid. Week 7, 2012. The cumulative number of cases of filariasis reported in 2012 is six.

8.5 Japanese Encephalitis (JE)

No case of Japanese Encephalitis (JE) was reported in Epid. Week 7, 2012. The cumulative number of cases of Japanese Encephalitis (JE) reported in 2012 remains as one.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No Viral Encephalitis case was reported in Epid. Week 7, 2012. The cumulative number of cases of Viral Encephalitis reported in 2012 remains as one.

9.2. Viral Hepatitis (all forms)

A total of four cases of Hepatitis C were reported in Epid. Week 7, 2012. Out of these, two were chronic Hepatitis C and two acute cases. Three cases were reported from Kuching district and one case was reported in Miri district.

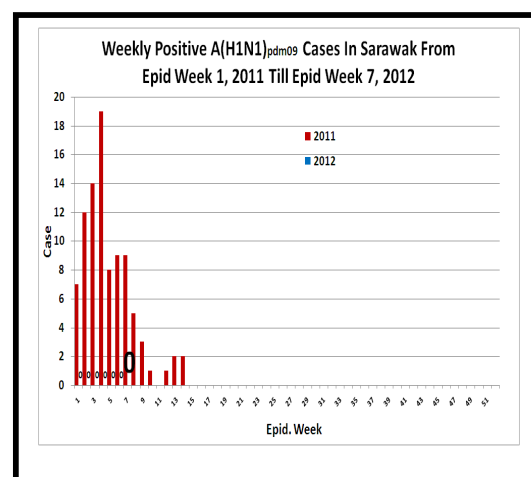
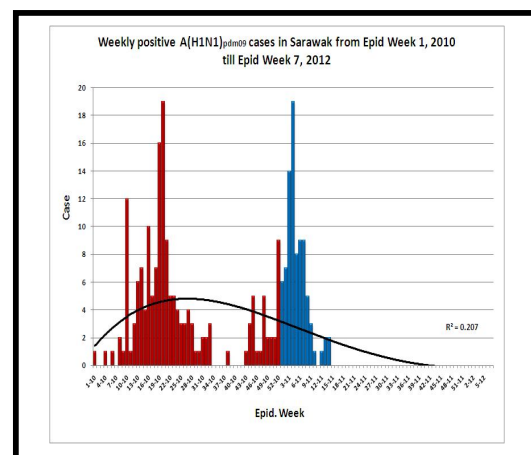
As at 18th February 2012, the total cases reported is 25 with two acute Hepatitis B cases, 16 cases of chronic Hepatitis B, five cases of Acute Hepatitis C and five cases of chronic Hepatitis C.

10. EMERGING/RE-EMERGING INFECTIOUS AND ZOOONOTIC DISEASES

10.1. A/H1N1pdm09

10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} cases for Epid. Week 7, 2012 compared to Epid. Week 7, 2011 and cumulative cases until Epid. Week 7 in 2012.

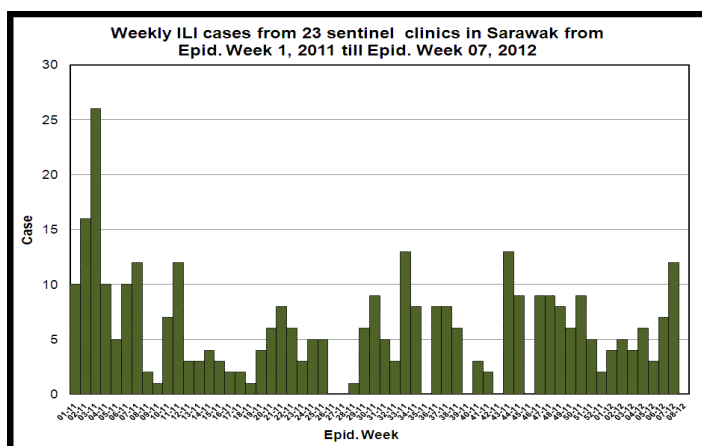
District	2012		2011		Total
	EW 7	Cum.	EW 7	Cum.	
Lundu	0	0	0	0	1
Bau	0	0	0	0	0
Kuching	0	0	4	35	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	0	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	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/H1N1pdm09 positive case was reported in Epid. Week 7, 2012 compared to 7 cases reported for the same Epid. Week 2011.

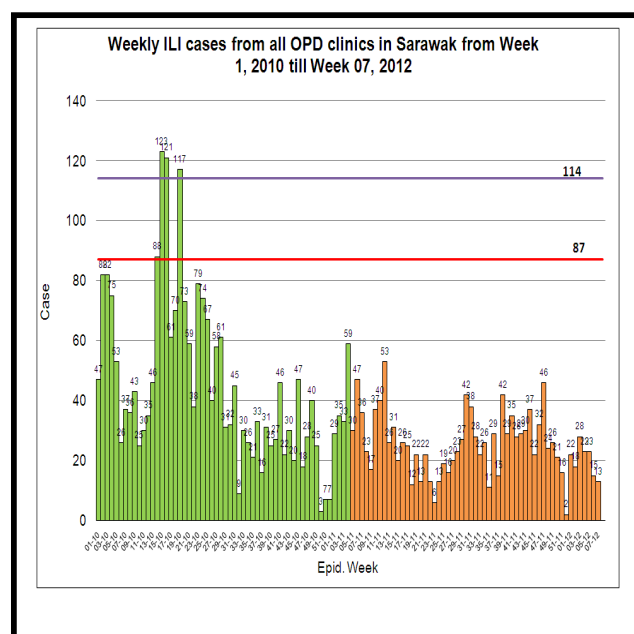
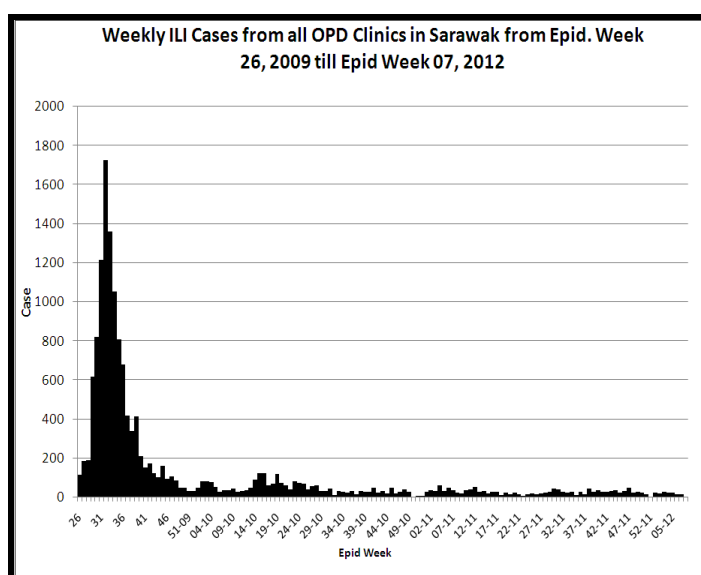
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid. Week 1 in 2010 till Epid. Week 7 in 2012.



In Epid. Week 7, 2012, twelve ILI cases were 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).

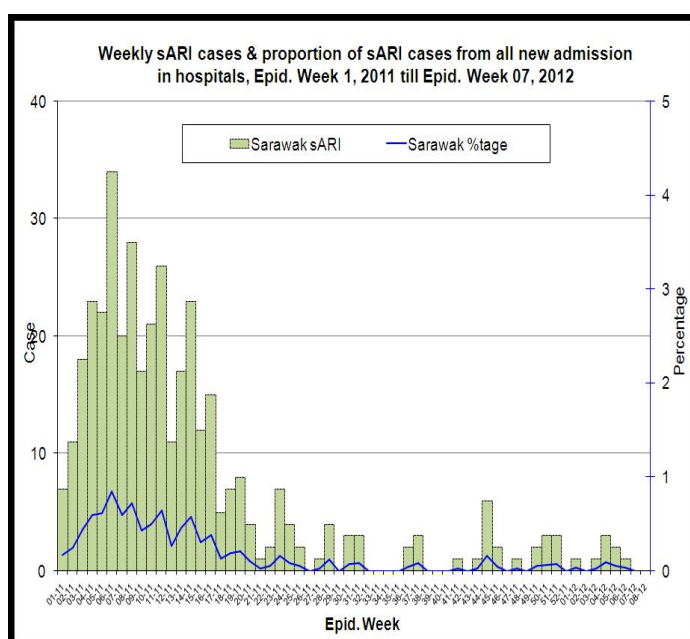


As instructed in a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all Division/District Health Office must send their daily H1N1 report 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 was reported. The last cluster was reported 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)

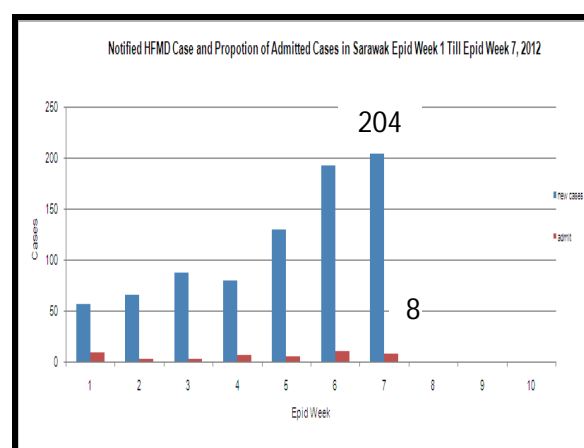
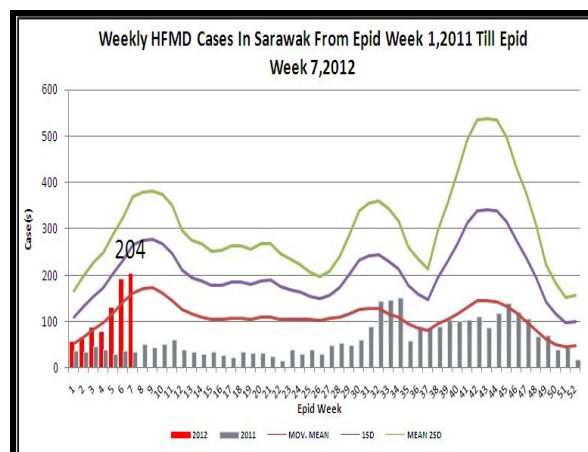
10.1.5. Weekly Summary Report on sARI Admission in Government Hospitals in Sarawak as at 18th February 2012.

Division	Hospital	New EW 7	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	0	8	0	0	0	0	0	1	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		0	14	0	0	0	0	0	1	0

No sARI case was reported in Epid. Week 7, 2012. One laboratory results for Influenza A(H1N1) pdm09 is still pending.

10.2. Notified HFMD (masterlist) cases for Epid. Week 7, 2012 compared to Epid. Week 7, 2011 and cumulative cases in Epid. Week 7, 2011.

District / Division	2012		2011		Total
	EW (7)	Cum.	EW (7)	Cum.	
Lundu	4	7	0	1	31
Bau	1	8	0	5	149
Kuching	91	280	3	24	602
KUCHING	96	295	3	30	782
Samarahan	16	40	0	2	127
Asajaya	2	3	0	0	35
Simunjan	1	6	0	0	19
Serian	7	28	0	0	39
SAMARAHAN	26	77	0	2	220
Sri Aman	4	21	0	2	97
Lubok Antu	0	4	0	0	18
SRI AMAN	4	25	0	2	115
Betong	13	61	2	4	57
Saratok	4	23	0	11	37
BETONG	17	84	2	15	94
Sarikei	0	36	10	31	188
Meradong	0	3	0	1	73
Pakan	0	1	0	1	7
Julau	3	5	0	0	32
SARIKEI	3	45	10	33	300
Daro	0	1	0	0	7
Matu	0	0	0	0	4
Dalat	0	7	1	14	84
Mukah	1	4	0	7	42
MUKAH	1	12	1	21	137
Sibu	5	16	1	19	149
Kanowit	0	1	0	0	6
Selangau	0	0	0	1	22
SIBU	5	17	1	20	177
Song	1	3	0	10	12
Kapit	1	33	5	0	64
Belaga	2	16	0	4	55
KAPIT	4	52	5	14	131
Tatau	1	10	2	69	25
Bintulu	29	102	7	7	25
BINTULU	30	112	9	76	772
Miri	14	65	3	30	324
Marudi	0	0	1	4	49
MIRI	14	65	4	34	373
Limbang	4	18	0	1	65
Lawas	0	11	0	0	4
LIMBANG	4	29	0	1	69
SARAWAK	204	813	35	248	3170



A total of 204 HFMD cases were reported in Epid. Week 7, 2012 compared to 35 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. Sarikei

EW = Epid. Week; Cum. = Cumulative figure

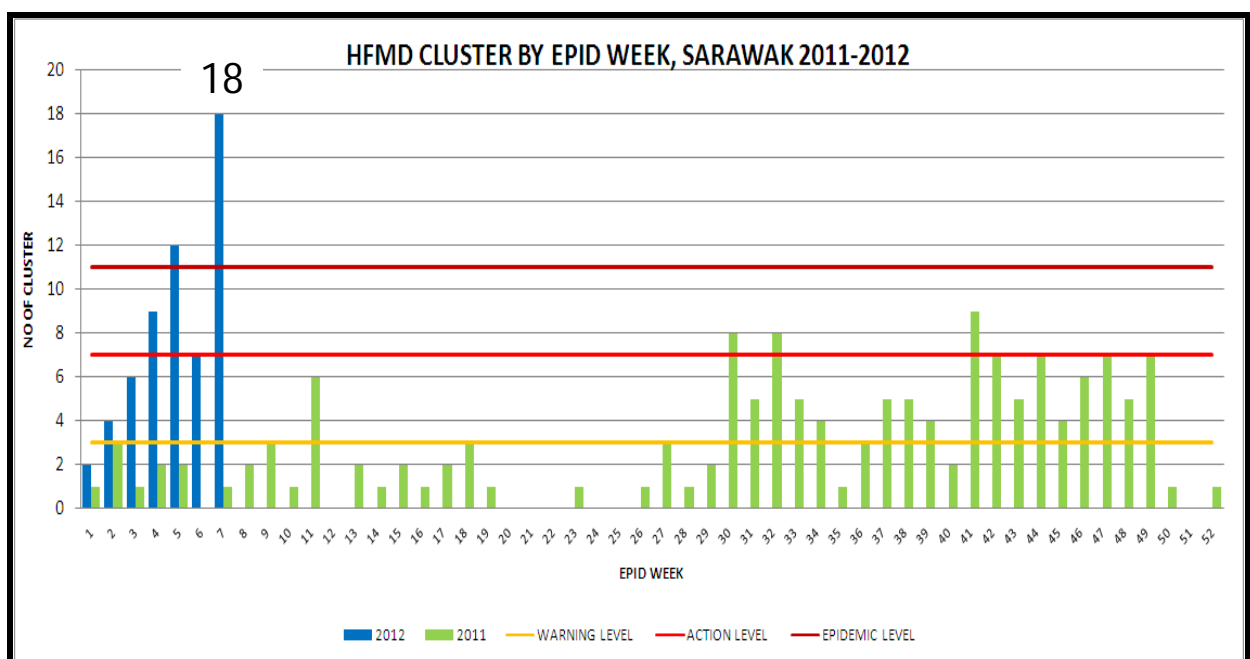
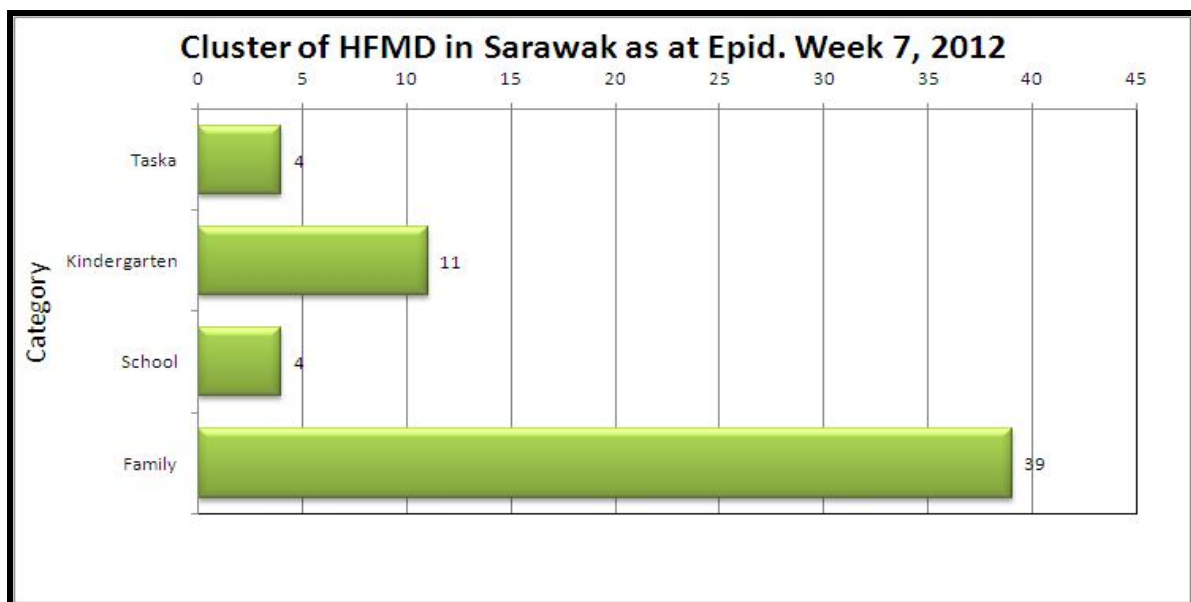
10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 18th February 2012.

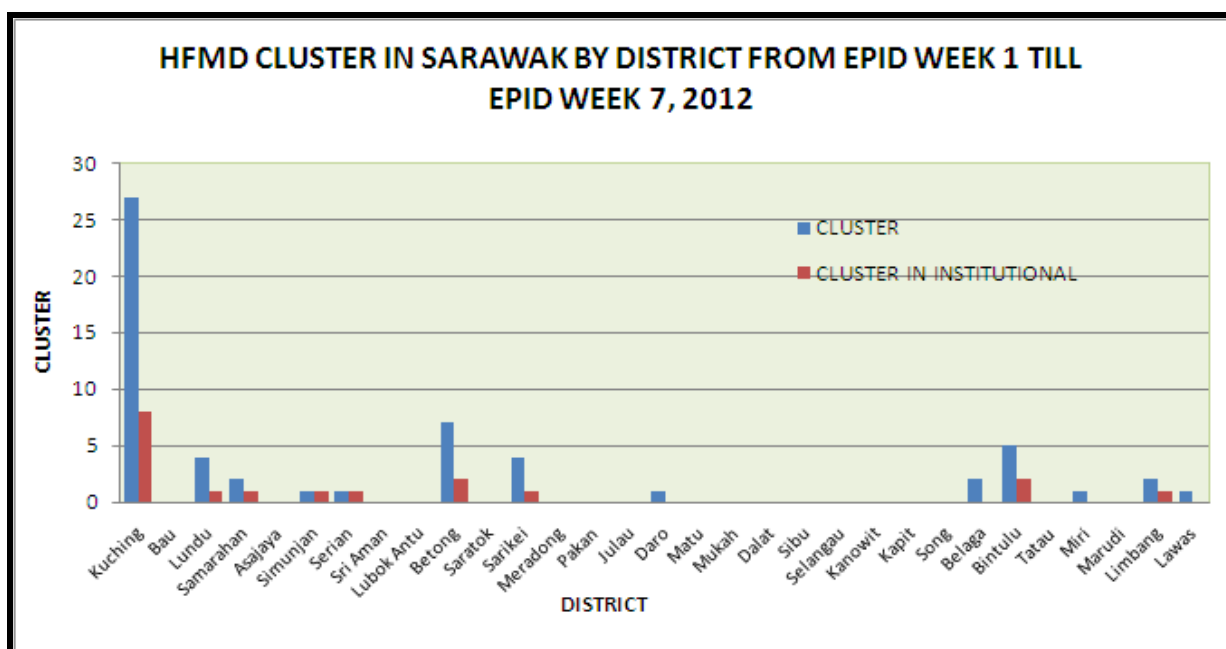
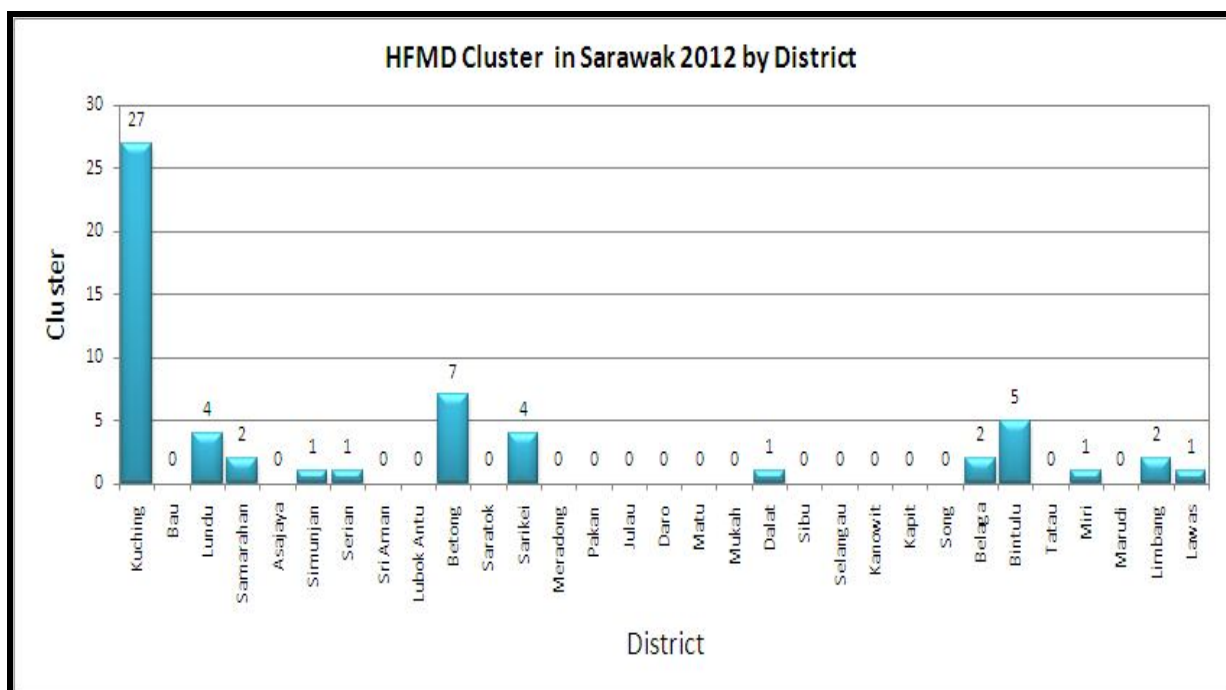
District	Masterlist		Registered Case		Back Log	
	EW 7	Total	EW 7	Total	EW 7	Total
Kuching	91	280	47	191	44	89
Bau	1	8	1	5	0	3
Lundu	4	7	4	7	0	0
KUCHING	96	295	52	203	44	92
Samarahan	16	40	15	26	1	14
Asajaya	2	3	0	0	2	3
Simunjan	1	6	0	1	1	5
Serian	7	28	7	22	0	6
SAMARAHAN	26	77	22	49	4	28
Sri Aman	4	21	4	11	4	10
Lubok Antu	0	4	0	3	0	1
SRI AMAN	4	25	4	14	4	11
Betong	13	61	10	45	3	16
Saratok	4	23	2	12	2	11
BETONG	17	84	12	57	5	27
Sarikei	0	36	0	9	0	27
Meradong	0	3	0	2	0	1
Pakan	0	1	0	0	0	1
Julau	3	5	3	4	0	1
SARIKEI	3	45	3	15	0	30
Daro	0	1	0	1	0	0
Matu	0	0	0	0	0	0
Mukah	1	4	1	1	0	3
Dalat	0	7	0	5	0	2
MUKAH	1	12	1	7	0	5
Sibu	5	16	5	13	0	3
Selangau	0	0	0	0	0	0
Kanowit	0	1	0	1	0	0
SIBU	5	17	5	14	0	3
Kapit	1	34	1	26	0	8
Song	1	3	0	1	1	2
Belaga	2	15	0	11	2	4
KAPIT	4	52	1	38	3	14
Bintulu	29	102	0	33	29	69
Tatau	1	10	0	3	1	7
BINTULU	30	112	0	36	30	76
Miri	14	65	14	51	0	14
Marudi	0	0	0	0	0	0
MIRI	14	65	14	51	0	14
Limbang	4	18	1	6	3	12
Lawas	0	11	0	6	0	5
LIMBANG	4	29	1	12	3	17
SARAWAK	204	813	115	496	93	317

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

Eighteen HFMD clusters were reported in Epid. Week 7, 2012. They comprised two clusters in kindergartens from Kuching and one cluster from Bintulu district; two primary schools from Kuching and Lundu district ; one day care centre from Bintulu district and twelve family clusters from Kuching (7), Lundu (1), Bintulu (1), Sarikei (1), Betong (1) and Miri (1) district.

As at 18th February 2012, a total of 58 clusters have been reported. Of these, 39 were family clusters, four taska, eleven kindergarten and four school primary.





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 (07) 2012	EW (07) 2011	EW (07) 2012	EW (07) 2011			
Lundu	0	0	0	0	0	7	0
Bau	0	0	0	0	0	4 (1)	1
Kuching	0	0	0	0	3	40 (2)	12
KUCHING	0	0	0	0	3	51 (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	0	0	1	11	3 (1)
SRI AMAN	0	0	0	0	1	24 (2)	4 (1)
Betong	0	0	0	0	0	5 (1)	0
Saratok	0	0	0	0	0	5	0
BETONG	0	0	0	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	1	0	0	0	1
SARIKEI	0	0	1	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	1	0	0	12	1
Belaga	0	0	0	0	0	7 (1)	0
KAPIT	0	0	1	0	0	20 (1)	3
Tatau	0	0	1	0	0	1	0
Bintulu	0	0	0	0	0	11 (3)	6
BINTULU	0	0	1	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	0	3	2 (1)	1
SARAWAK	0	0	3	0	7	198 (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

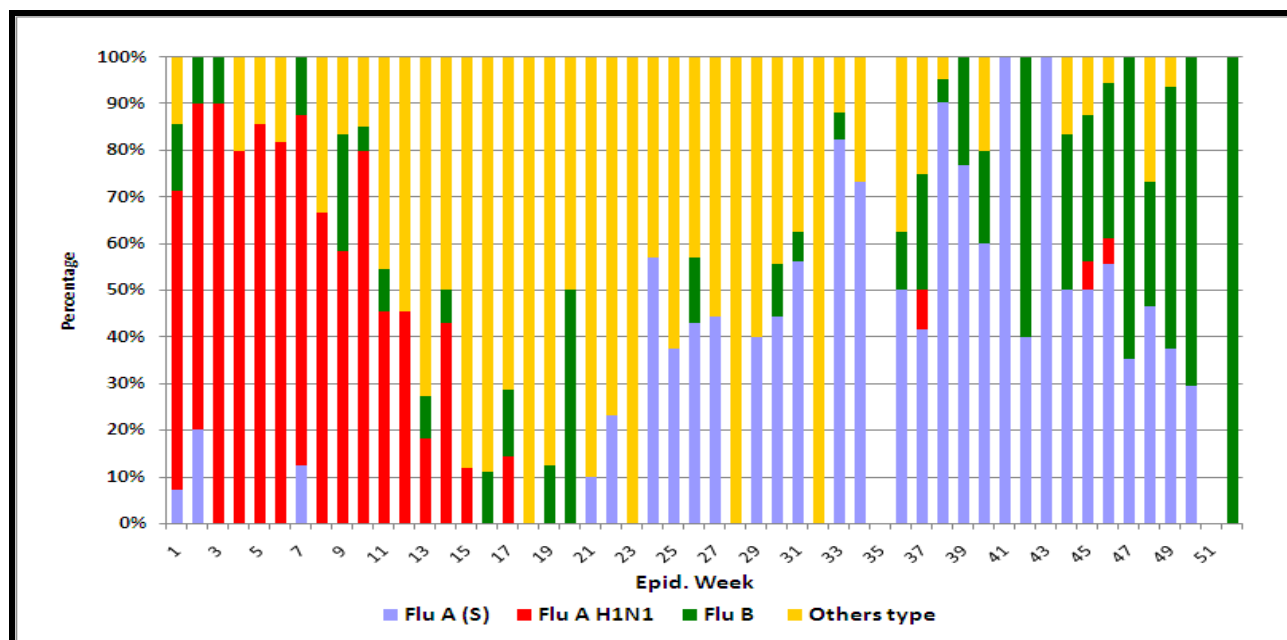
10.4. Notified Melioidosis cases for Epid. Week 7, 2011 compared to Epid. Week 7, 2011 and cumulative cases until Epid. Week 7, 2012.

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (07) 2012	EW (07) 2011	EW (07) 2012	EW (07) 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	0	2	3 (1)
MUKAH	0	0	0	0	0	2	4 (1)
Sibu	1(1)	0	0	0	1 (1)	1	5 (1)
Kanowit	0	0	0	0	0	1	1
Selangau	0	0	0	0	0	4	6 (2)
SIBU	1(1)	0	0	0	1	6	12 (3)
Song	0	0	0	0	0	1	7 (2)
Kapit	0	0	0	0	2	62 (3)	162 (1)
Belaga	0	0	0	0	0	21 (4)	28 (1)
KAPIT	0	0	0	0	2	84 (7)	197 (4)
Tatau	0	0	0	0	0	4 (1)	14 (4)
Bintulu	0	0	0	0	0	6	49 (1)
BINTULU	0	0	0	0	0	10 (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	1(1)	0	0	0	3 (1)	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 Influenza A(H1N1)pdm09 (101), Influenza A (s) [259], Influenza B (116), and other types of virus (143). The other include Adenovirus (95), Paramyxovirus (15), RSV (1), Enterovirus (1) and other viruses (51).

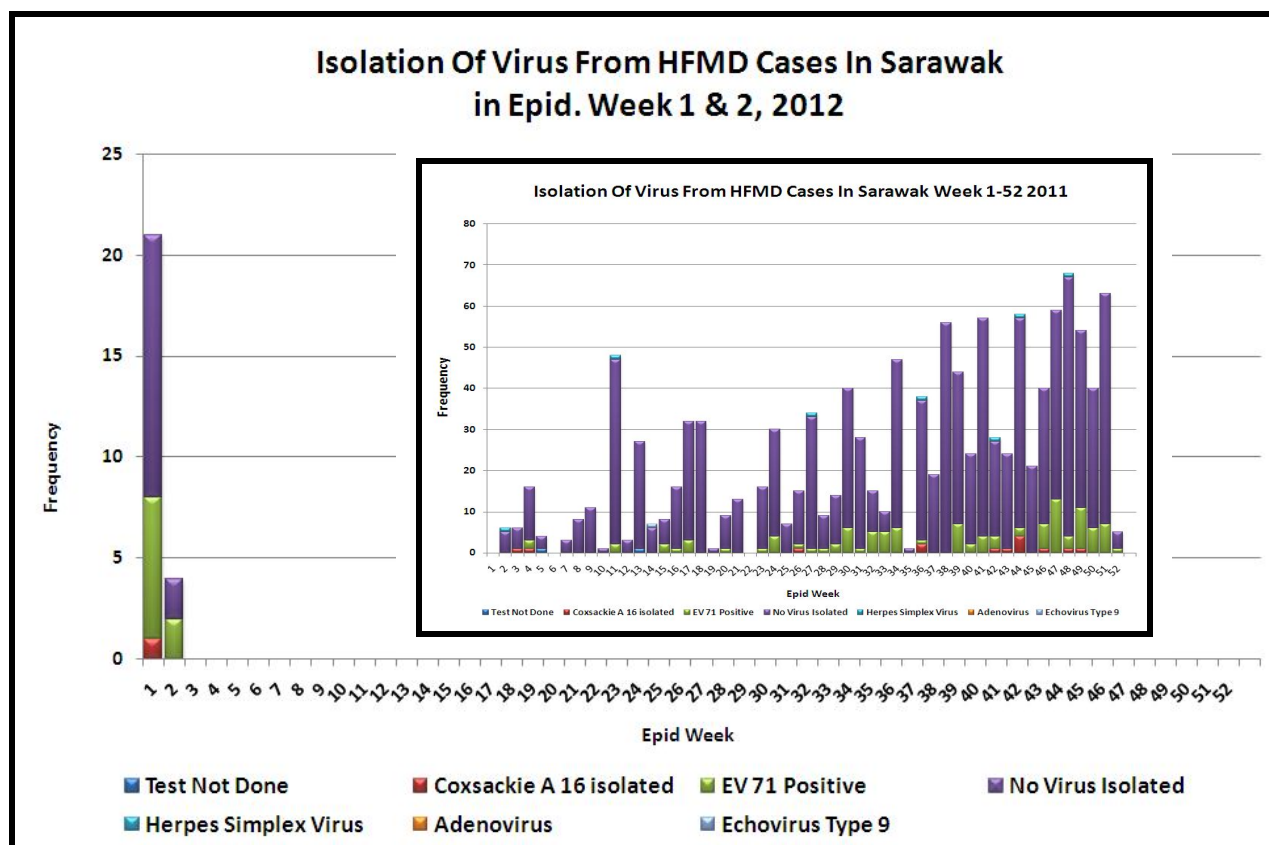
11.2. Laboratory Based Surveillance for Measles in Malaysia

In Malaysia, as at Epid. Week 3, 2012, a total of 353 serum specimens for serology test were sent to National Public Laboratory Sg. Buloh (MKAK) and National Public Laboratory Kota Kinabalu (MKAK) for serology. 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, the 63 specimens sent to National Public Laboratory Sg Buloh, 28 were positive for IgM Measles and two for IgM Rubella. The positive specimens for IgM Measles were received from Miri (20), Bintulu (7) and Sibu (1) district.

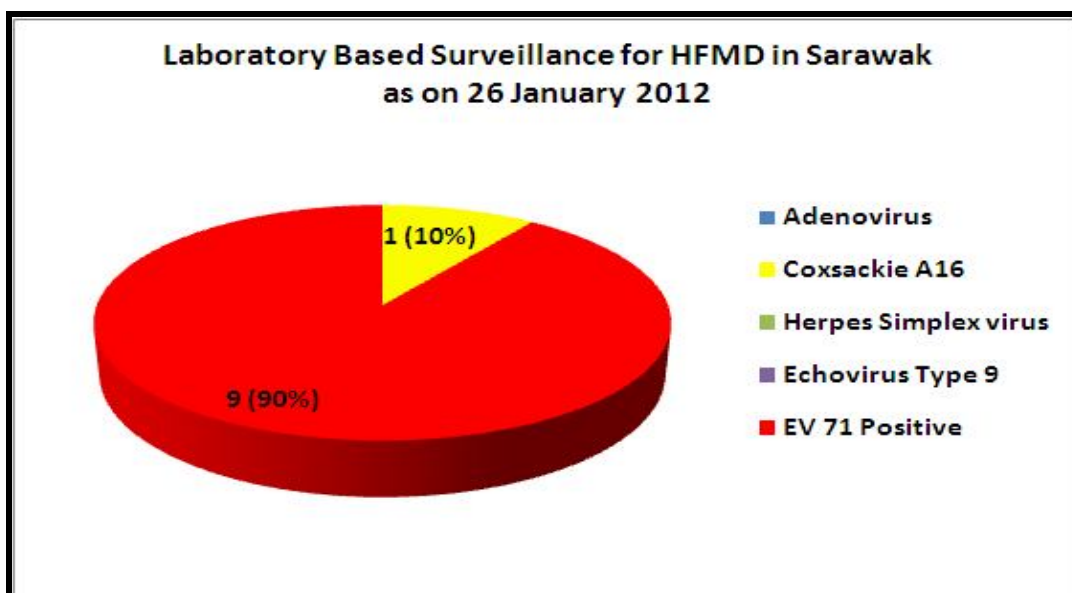
In 2011, Sarawak Health Department sent a total of 360 serum specimens for serology test to National Public Laboratory Sg. Buloh for serology. Of these, 40 were positive for IgM Measles (with 6 equivocal) and 40 positive for Rubella (with 17 equivocal)

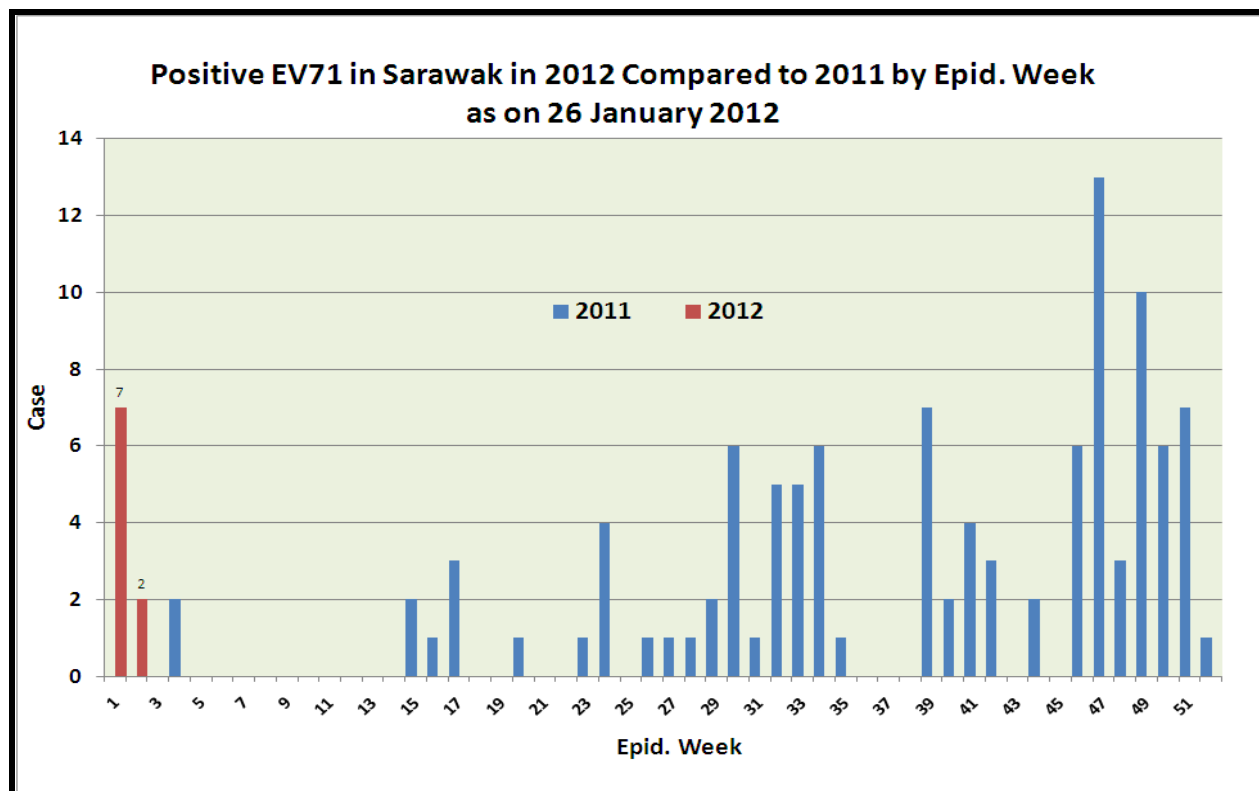
11.3. Laboratory Based Surveillance for HFMD in Sarawak from Epid Week 1 till Epid Week 3, 2012 compared to 2011 (insert).



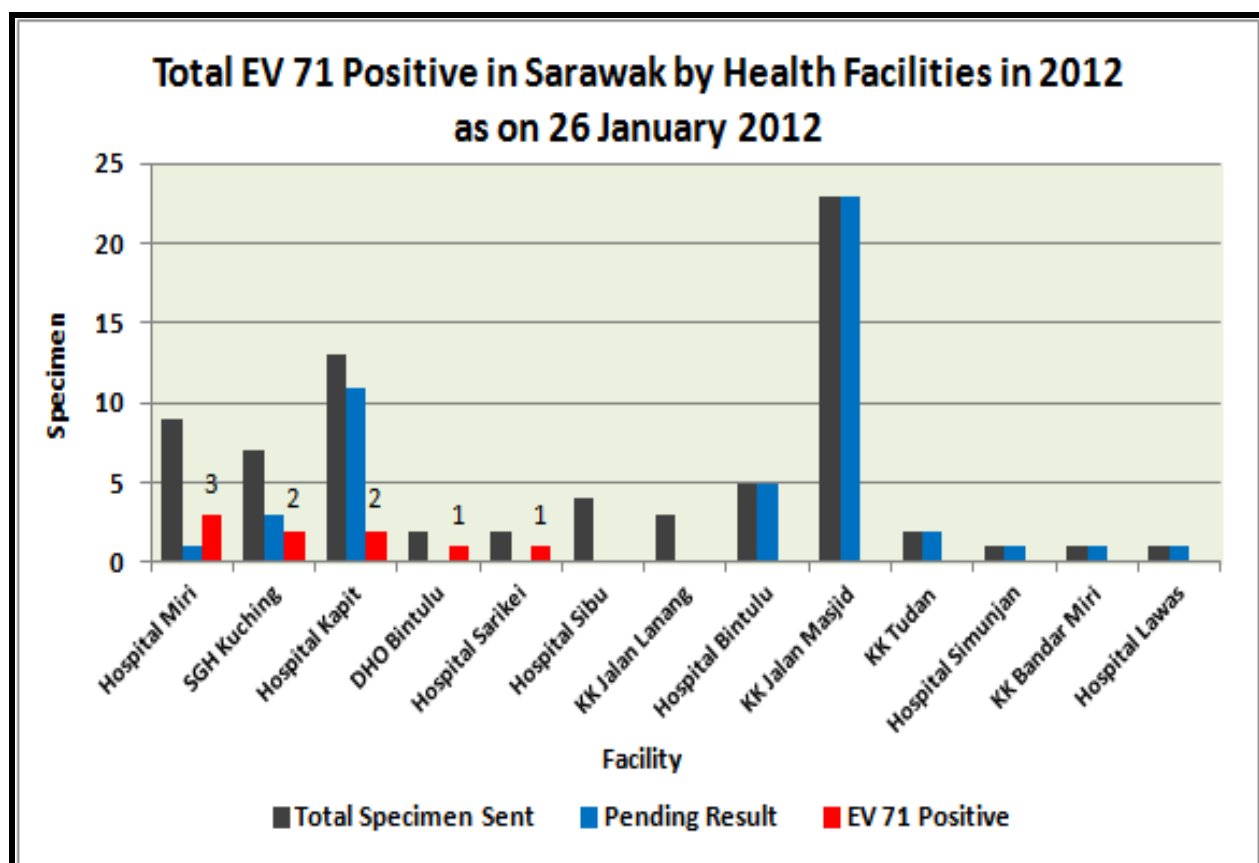
*results from EW 3, 2012 onwards are still pending

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 were isolated in 15 (20.55%) specimens and result for another 48 (65.75%) specimens are still pending.

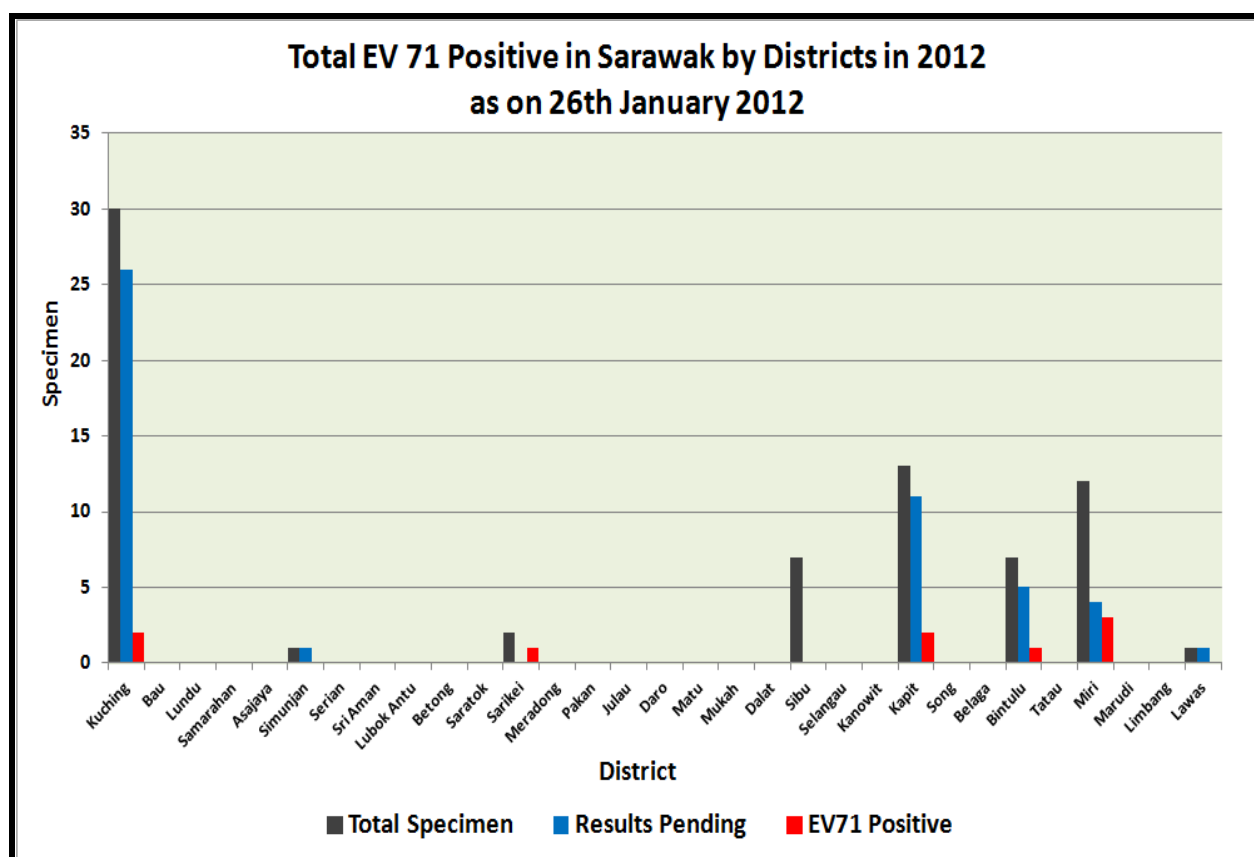




*results from EW 3, 2012 onwards are still pending



*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 14th January 2011):

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