



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

WEEK 10

4th – 10th MARCH 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

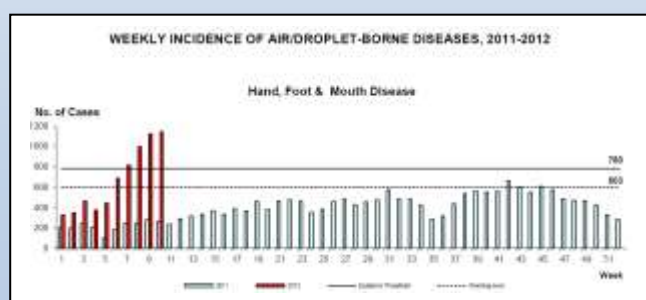
In Epid. Week 10, 2012, Sarawak Health Department received reports of 65 HFMD clusters and two food poisoning outbreaks.

HFMD Cases hits record levels in Vietnam.

Cases of HFMD have surged, infecting nearly 12,400 children and killing 11, in the last 1st two months of this year. This figure is 7.5 times higher than the same period last year.

Source: <http://www.promedmail.org>

Singapore also shows increasing trend in HFMD cases.



Source: <http://www.moh.gov.sg>

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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	Kuching	Sing Heng Huat Farming Sdn. Bhd, Jalan Ang Cheng Ho, Petanak	8	07 March 2012
2		Bintulu	Rh. Untong, Kelawit, KM 4, Bintulu/Sibu Road	8	07 March 2012

2.1 HFMD CLUSTERS SUMMARY

District	Category of Cluster				Total
	Family	School	Kindergarten	Child Care Centre	
Lundu	1	1	0	0	2
Bau	1	1	1	0	3
Kuching	7	5	6	1	19
Samarahan	6	0	0	0	6
Serian	3	0	1	0	4
Betong	2	0	0	0	2
Daro	0	1	0	0	1
Mukah	1	0	0	0	1
Sibu	1	0	2	1	4
Selangau	0	1	0	0	1
Sarikei	2	0	3	1	6
Miri	5	0	0	0	5
Marudi	3	0	0	0	3
Limbang	4	1	3	0	8
Total	36	10	16	3	65

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 10, 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	16		1								2						
Bau						1					29										1						
Kuching						3			8	1	241								3		13						
Samarahan											64		1								1						
Asajaya											10																
Simunjan						2				1	7		1								1						
Serian										1	31										2						
Sri Aman						1					23										2						
L/ Antu											3										1						1
Betong											11		2								1						
Saratok						1					8		1								1						
Sarikei						1					21																
Meradong						1					1										1						
Pakan						1					5		3														
Julau											4		1														
Daro											8																
Matu											2										1						
Dalat											6																
Mukah											15																
Sibu											21										6						
Kanowit						1					2		3														
Selangau											3		1														
Song						1					1																
Kapit						4					34		5								2						
Belaga																					1						
Tatau											14																
Bintulu						2			8		55										3						
Miri						4					44		3								6						
Marudi						1					25		5								1						
Limbang						1				1	44										2						
Lawas											9		3								2						
TOTAL (Week 10)	0/0	0	0	0	0	25	0	0	16	5	757	0	30	0	0	0	0	0	3	0	50	0	0	0	0	0	1
Total (2012)	10/3	0	0	0	0	204	0	0	223	52	2684	0	265	2	173	0	0	0	25	0	271	3	0	34	2	0	15
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 10, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	2	5	0	10	3	0	0	1
Samarahan	1	6	0	1	0	0	0	0
Sri Aman	0	1	0	0	0	0	0	0
Betong	2	1	0	0	0	0	0	0
Sarikei	2	5	0	2	0	0	0	0
Sibu	0	2	0	0	0	0	0	0
Kapit	0	4	0	1	0	0	0	0
Mukah	1	0	0	0	1	0	0	0
Bintulu	1	4	0	0	0	0	0	0
Miri	2	0	0	0	0	0	0	0
Limbang	0	0	0	0	0	0	0	0
Sarawak	11	28	0	14	4	0	0	1

Note: S = Suspected; C = Confirmed

4.2. Food Poisoning

Two food poisoning outbreaks were reported in Epid. Week 10, 2012. The first outbreak was from Sing Heng Huat Farming Sdn. Bhd, Jalan Ang Cheng Ho, Petanak, Kuching district. It was reported on the 7th March 2012 involving 8 cases (male=2, female=6) from 9 persons exposed. The suspected food based on the food attack rate is **Nasi Lemak** and the suspected organism was *Bacillus cereus*.

The second outbreak was reported from Rh. Untong, Kelawit, KM 4, Bintulu/Sibu Road, Bintulu on 7th March 2012 involving 8 cases (male=4, female=4) from 9 persons (3 families). The suspected food was **umbut lalis** or "**Wi Lalis**" (in Iban).

4.3. Cholera

No case reported in Epid. Week 10, 2012.

4.4. Dysenteries (All forms)

Four suspected dysentery cases were reported in Epid. Week 10, 2012, from Kapit (2), Bintulu (1), and Sarikei (1) districts. Three cases (from Kapit and Bintulu districts) were negative for culture and sensitivity tests and the case from Sarikei district is still pending for lab. result. As at 10th March 2012, a total of 28 suspected dysenteries (all forms) cases were reported but none are positive.

4.5. Typhoid and paratyphoid fever.

No suspected typhoid case was reported in Epid. Week 10, 2012. As at 10th March 2012, a total of two confirmed typhoid and two confirmed paratyphoid cases were reported.

4.6. Hepatitis A.

One case of Hepatitis A was reported in Epid. Week 10, 2012 from Kuching district. This case is a female Indonesian who admitted to Sarawak General Hospital, Kuching and was diagnosed on the 7th March 2012. This is the first case reported in 2012.

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. Total number of Vaccine Preventable Diseases Reported by division in Epid. Week 10, 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	2	0	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	0	0	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	0	0
BETONG	0	0	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	0	0
SIBU	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KAPIT	0	0	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	0	0
BINTULU	0	0	5	0	0	8	0	0	0	0	0	0	0	0
MIRI	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LIMBANG	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SARAWAK	0	0	13	0	0	0	0	0	0	0	0	0	0	0

Note: S = suspected; C = confirmed

5.2. Measles (data derived from SM2)

A total of 13 suspected sporadic measles cases were reported in Epid. Week 10, 2012 from Kuching (2), Bintulu (5), Miri (5), and Limbang (1) districts. No suspected measles outbreak reported in Epid. Week 10, 2012.

5.2.1 Measles Elimination Programme (MEP) Achievement by Division in Epid. Week 10, 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	2	2 (100%)	2 (100%)	2 (100%)
Samarahan	0	-	-	-
Sri Aman	0	-	-	-
Betong	0	-	-	-
Sarikei	0	-	-	-
Sibu	0	-	-	-
Kapit	0	-	-	-
Mukah	0	-	-	-
Bintulu	5	5(100%)	5(100%)	5(100%)
Miri	5	5(100%)	5(100%)	5(100%)
Limbang	1	1(100%)	1(100%)	1(100%)
Sarawak	13	13 (100%)	13 (100%)	13 (100%)

Measles Elimination Programme Strategies:

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

5.3. Whooping Cough

No case of suspected whooping cough was reported in Epid. Week 10, 2012.

5.4. Polio

No suspected case was reported in Epid. Week 10, 2012.

5.5. Rubella

No case of laboratory confirmed IgM Rubella was reported in Epid. Week 10, 2012. The cumulative confirmed case reported in 2012 remains as one.

5.6. Tetanus (All forms)

No suspected case was reported in Epid. Week 10, 2012.

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 10, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 10, 2012.

District / Division	2012			
	EW 10		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	1	0
MUKAH	0	0	1	0
Sibu	0	0	0	0
Kanowit	0	0	1	0
Selangau	0	0	0	0
SIBU	0	0	1	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	2	0
Marudi	0	0	0	0
MIRI	0	0	2	0
Limbang	0	0	1	0
Lawas	0	0	0	1
LIMBANG	0	0	1	1
Sarawak	0	0	10	3

EW = Epid. Week; Cum. = Cumulative figure

6.2 HIV/AIDS Patient Classification Notified in Epid. Week 10 and Cumulative from Epid. Week 1 until Epid. Week 10, 2012

District / Division	2012					
	Children		Women		Foreigner	
	EW 10	Cum.	EW 10	Cum.	EW 10	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	1	0	0
Selangau	0	0	0	0	0	0
SIBU	0	0	0	1	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	1	0	0
Marudi	0	0	0	0	0	0
MIRI	0	0	0	1	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	3	0	1

No HIV/AIDS case was reported in Epid. Week 10, 2012.

3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 10, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid. Week 10, 2012.

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 10	Cum.	EW 10	Cum.
Lundu	1	2	0	1
Bau	0	0	0	0
Kuching	1	21	3	7
KUCHING	1	23	3	8
Samarahan	1	4	0	2
Asajaya	0	2	0	1
Simunjan	1	2	0	0
Serian	1	3	0	0
SAMARAHAN	2	11	0	3
Sri Aman	0	0	0	4
Lubok Antu	0	1	0	1
SRI AMAN	0	1	0	5
Betong	0	0	0	0
Saratok	0	1	0	0
BETONG	0	1	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	7	0	4
Kanowit	0	0	0	0
Selangau	0	0	0	0
SIBU	0	7	0	4
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	8	0	2
Marudi	0	0	0	0
MIRI	0	8	0	2
Limbang	1	1	0	0
Lawas	0	0	0	0
LIMBANG	1	1	0	0
Sarawak	5	52	3	25

EW = Epid. Week; Cum. = Cumulative figure

Gonorrhoea

Five cases were reported in Epid. Week 10, 2012 each from Lundu, Kuching, Simunjan, Serian and Limbang districts.

As at Epid. Week 10, 2012, the cumulative reported cases were 52.

Syphilis (All forms)

Three cases were reported in Epid. Week 10, 2012 from Kuching district. The cumulative cases in 2012 were 25.

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

7.1 Notified Tuberculosis cases for Epid. Week 10, 2012 compared to Epid. Week 10, 2011 and cumulative cases until Epid. Week 10, 2012.

District / Division	2012		2011		
	EW 10	Cum.	EW 10	Cum.	Total
Lundu	2	4	1	6	23
Bau	1	5	1	5	42
Kuching	13	74	3	88	340
KUCHING	16	83	5	99	405
Samarahan	1	6	0	9	29
Asajaya	0	5	0	2	15
Simunjan	1	9	1	5	34
Serian	2	10	3	11	52
SAMARAHAN	4	30	4	27	130
Sri Aman	2	5	0	6	58
Lubok Antu	1	2	3	12	40
SRI AMAN	3	7	3	18	98
Betong	1	2	1	9	33
Saratok	1	6	0	9	51
BETONG	2	8	1	18	84
Sarikei	0	4	2	8	49
Meradong	1	6	0	3	27
Pakan	0	0	3	7	20
Julau	0	2	0	4	20
SARIKEI	1	12	5	22	116
Daro	0	0	2	7	6
Matu	1	1	0	1	7
Dalat	0	0	0	3	8
Mukah	0	0	1	5	25
MUKAH	1	1	3	16	46
Sibu	6	25	5	33	169
Kanowit	0	5	0	3	27
Selangau	0	0	1	5	38
SIBU	6	30	6	41	234
Song	0	4	0	7	23
Kapit	2	8	2	12	56
Belaga	1	2	1	4	29
KAPIT	3	14	3	23	108
Tatau	0	4	0	7	42
Bintulu	3	14	2	24	183
BINTULU	3	18	2	31	225
Miri	6	47	5	59	290
Marudi	1	4	1	10	41
MIRI	7	51	6	69	331
Limbang	2	12	0	8	38
Lawas	2	5	0	7	23
LIMBANG	4	17	0	15	61
Sarawak	50	271	38	379	1838

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 10, 2012 compared to Epid. Week 10, 2011 and cumulative cases until Epid. Week 10, 2012.

District / Division	2012		2011		
	EW 10	Cum.	EW 10	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 10th March 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 10	Cum.	EW 10	Cum.	EW 10	Cum.
Lundu	0	0	0	1	0	1
Bau	0	3	0	1	0	0
Kuching	10	39	6	15	0	7
KUCHING	10	42	6	17	0	8
Samarahan	0	4	0	0	0	1
Asajaya	0	0	0	2	1	3
Simunjan	1	7	0	1	0	0
Serian	0	7	0	1	0	0
SAMARAHAN	1	18	0	4	1	4
Sri Aman	0	2	0	1	0	0
Lubok Antu	0	1	0	0	0	0
SRI AMAN	0	3	0	1	0	0
Betong	1	1	0	0	0	0
Saratok	2	4	0	1	0	0
BETONG	3	5	0	1	0	0
Sarikei	1	2	0	1	0	1
Meradong	1	5	0	0	0	0
Pakan	0	0	0	0	0	0
Julau	0	2	0	0	0	0
SARIKEI	2	4	0	1	0	1
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	15	0	3	0	1
Kanowit	0	4	0	1	0	0
Selangau	0	0	0	0	0	0
SIBU	0	19	0	4	0	1
Song	0	1	0	1	0	1
Kapit	0	1	0	1	0	4
Belaga	1	1	0	0	0	0
KAPIT	1	3	0	1	0	5
Tatau	4	4	0	0	0	0
Bintulu	6	6	5	5	0	0
BINTULU	10	10	5	5	0	0
Miri	9	30	4	8	3	4
Marudi	0	2	0	1	0	0
MIRI	9	30	4	9	3	4
Limbang	1	9	0	0	0	0
Lawas	0	1	0	1	0	1
LIMBANG	1	10	0	1	0	1
Sarawak	37	131	15	36	4	18

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

A total of 50 cases of tuberculosis (all forms) were reported in Epid. Week 10, 2012. As at 10th March 2012, the cumulative total of reported cases was 271.

Leprosy

No case was reported in Epid. Week 10, 2012. The cumulative reported case in 2012 remained as zero.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 10th March 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 10	Cum.	*Exposed		*Not exposed		EW 10	Cum.	EW 10	Cum.	EW 10	Cum.
			EW 10	Cum.	EW 10	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	2	0	0
KUCHING	0	0	0	0	0	0	0	1	1	2	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	1	0	0
Serian	0	1	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	0	1	0	0	0	0	0	0	0	2	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	1	1	0	0
Saratok	0	0	0	0	0	0	0	0	0	0	0	0
BETONG	0	0	0	0	0	0	0	0	1	1	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	1	1	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	1	1	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	2	2	0	0
Bintulu	1	1	0	0	0	0	0	0	4	4	0	0
BINTULU	1	1	0	0	0	0	0	0	6	6	0	0
Miri	0	0	0	0	0	0	0	0	7	7	0	0
Marudi	0	0	0	0	0	0	0	0	0	0	0	0
MIRI	0	0	0	0	0	0	0	0	7	7	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	2	4	0	0	0	0	0	1	15	18	0	0

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

* Possibility of exposed or not exposed to TB patient

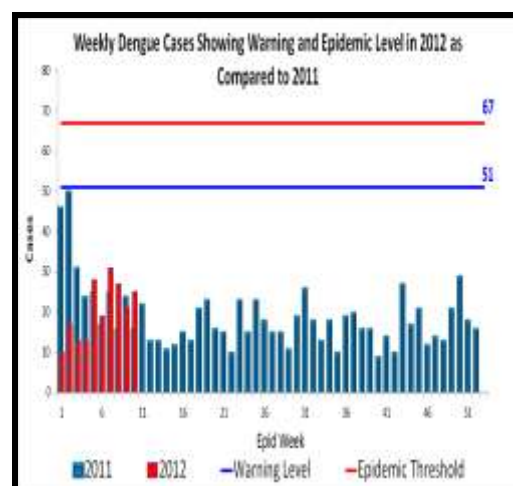
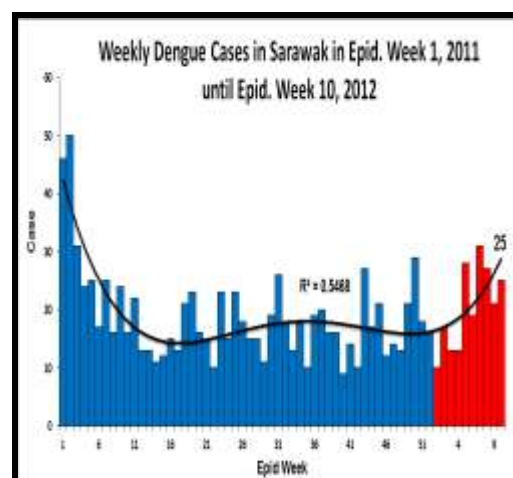
Figure for TB notified cases are based on registered TB cases in e-Notifikasi system.

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 10, 2012 compared to Epid. Week 10, 2011 and cumulative cases until Epid. Week 10, 2012.

District	2012		2011		Total
	EW 10	Cum.	EW 10	Cum.	
Lundu	0	2	0	2	10
Bau	1	6	0	11	36
Kuching	3	30	0	26	106
Samarahan	0	7	0	3	21
Asajaya	0	1	0	0	4
Serian	0	3	0	3	18
Simunjan	2	6	0	5	19
Sri Aman	1	11	0	16	56
Lubok Antu	0	5	1	6	23
Betong	0	7	1	5	13
Saratok	1	4	0	0	11
Sarikei	1	7	0	7	28
Meradong	1	4	1	6	14
Pakan	1	5	0	6	23
Julau	0	1	0	1	17
Daro	0	0	0	5	6
Matu	0	0	0	1	1
Dalat	0	5	0	1	3
Mukah	0	2	1	3	5
Sibu	0	11	3	41	75
Kanowit	1	3	0	8	31
Selangau	0	1	0	5	10
Song	1	5	1	4	10
Kapit	4	12	0	14	32
Belaga	0	3	0	5	27
Tatau	0	5	2	11	47
Bintulu	2	10	1	27	100
Miri	4	37	2	29	134
Marudi	1	7	1	16	59
Limbang	1	4	2	5	20
Lawas	0	0	0	2	15
Sarawak	25	204	16	274	974

EW = Epid. Week; Cum. = Cumulative figure

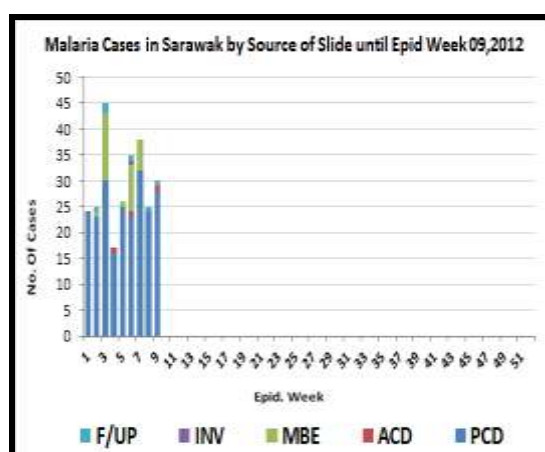
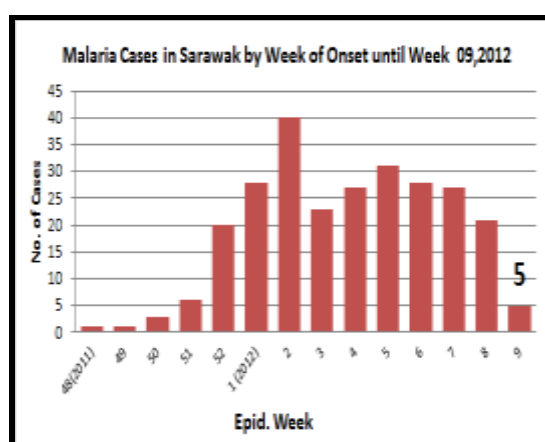
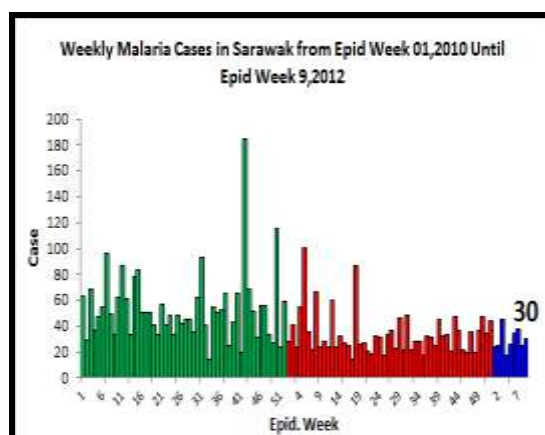


A total of 25 dengue cases were reported in Epid. Week 10, 2012 compared to 16 cases during the same period in 2011. There was an increase of four cases from the previous week.

One outbreak locality was reported but one outbreak locality is still active in Kuching (Singgahsana Lodge, Jalan Padungan)

8.2. Notified Malaria cases for Epid. Week 9, 2012 compared to Epid. Week 9, 2011 and cumulative cases until Epid. Week 9 in 2012.

District	2012		2011		Total
	EW 9	Cum.	EW 9	Cum.	
Lundu	1	1	0	11	33
Bau	0	0	0	0	5
Kuching	0	7	0	1	23
Samarahan	1	1	0	2	3
Asajaya	0	0	0	0	1
Serian	0	2	2	4	21
Simunjan	1	2	0	0	2
Sri Aman	0	3	0	4	17
Lubok Antu	0	8	0	5	25
Betong	2	7	1	6	47
Saratok	1	3	0	0	3
Sarikei	0	3	0	4	16
Meradong	0	1	0	2	9
Pakan	3	13	2	4	29
Julau	1	18	3	10	69
Daro	0	2	0	0	2
Matu	0	1	0	0	2
Dalat	0	1	0	1	10
Mukah	0	1	0	1	2
Sibu	0	16	2	9	52
Kanowit	3	12	1	14	89
Selangau	1	5	0	2	16
Song	0	9	0	11	78
Kapit	5	40	1	34	230
Belaga	0	12	4	23	139
Tatau	0	6	0	2	34
Bintulu	0	4	2	7	39
Miri	3	8	0	11	40
Marudi	5	57	5	221	670
Limbang	0	8	0	1	21
Lawas	3	14	1	8	34
Sarawak	30	265	24	398	1761



A total of 30 cases were reported in Epid. Week 9, 2012. The cumulative cases till Epid. Week 9, 2012 was 265 cases. Of the 265 cases, 57 cases (21.5%) from Marudi District, 40 cases (15%) from Kapit District and 18 cases (6.7%) from 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 9	Cum.
Passive Case Detection (PCD)	28	225
Active Case Detection (ACD)	1	3
Investigation slides (INV)	0	1
Mass Blood Survey (MBS)	0	30
Follow-up	1	6
Total	30	265

8.2.2. Malaria cases by species

Species	2012	
	EW 9	Cum.
<i>P. vivax</i>	6	92
<i>P. falciparum</i>	1	20
<i>P. malariae</i>	2	11
<i>P. knowlesi</i>	20	141
<i>P. ovale</i>	1	1
Mixed	0	0
Total	30	265

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 9	Cum.
Indigenous	28	222
*Imported A	2	42
Relapsed	0	1
Congenital	0	0
Total	30	265

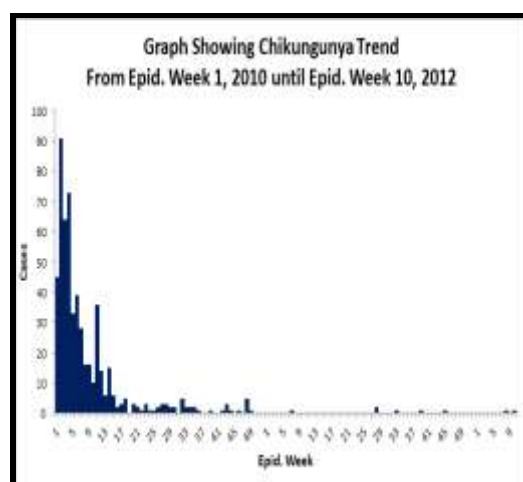
8.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Address in Sarawak	Species
1	Kanowit	KKB Altantic Resort Limited, Liberia, Africa	Malaysian	44	Male	Rh. Setia, Majau, Kanowit	<i>P. falciparum</i>
2	Miri		Malaysian	41		Rh. Ngadan, Kg. Sungai Sebatu Merah, Suai, Miri	<i>P. ovale</i>

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 10, 2012 compared to Epid. Week 10, 2011 and cumulative cases until Epid. Week 10 in 2012.

District	2012		2011		
	EW 10	Cum.	EW10	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	1	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	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	1	1	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	1	2	0	1	6



One case of chikungunya was reported in Epid. Week 10, 2012 from Song district bringing the cumulative cases of Chikungunya to two.

EW = Epid. Week; Cum. = Cumulative figure

8.4. Filariasis

No cases of Filariasis was reported in Epid. Week 10, 2012. The cumulative cases of filariasis reported in 2012 remains as 6.

8.5 Japanese Encephalitis (JE)

No case of Japanese Encephalitis (JE) was reported in Epid. Week 10, 2012. The cumulative case 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 10, 2012. As at 10th March 2012, the cumulative cases of Viral Encephalitis reported remains as one.

9.2. Viral Hepatitis (all form)

One case of Chronic Hepatitis C was reported in Epid. Week 10, 2013 from Kuching district.

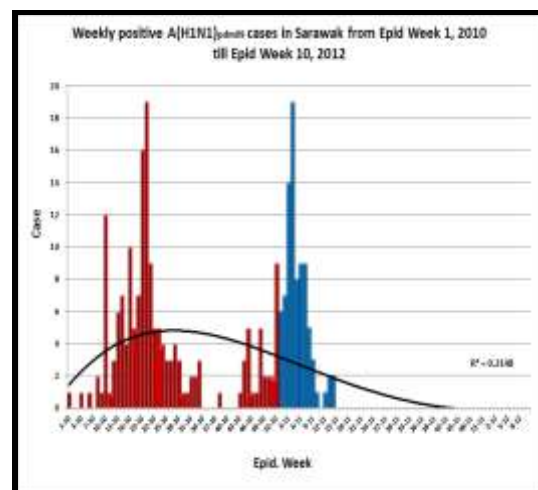
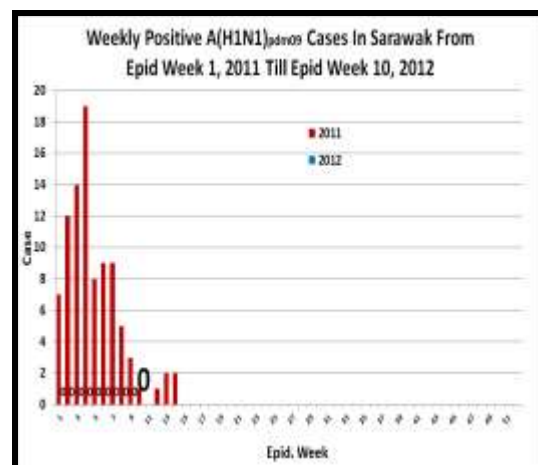
As at 10th March 2012, the total cases reported was 34 cases with three cases of acute Hepatitis B, 19 chronic Hepatitis B, five acute Hepatitis C and eight chronic Hepatitis C.

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 10, 2012 compared to Epid. Week 10, 2011 and cumulative cases until Epid. Week 10 in 2012.

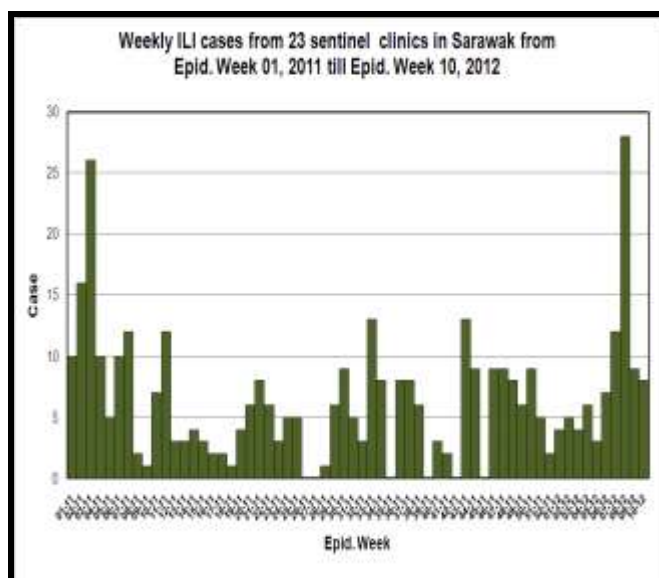
District	2012		2011		Total
	EW 10	Cum.	EW 10	Cum.	
Lundu	0	0	0	0	1
Bau	0	0	0	0	0
Kuching	0	0	0	40	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	0	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	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	1	1	1
Tatau	0	0	0	0	0
Bintulu	0	0	0	25	27
Miri	0	0	0	2	6
Marudi	0	0	0	0	0
Limbang	0	0	0	2	2
Lawas	0	0	0	1	1
SARAWAK	0	0	1	72	92



No A/H1N1_{pdm09} positive case was reported in Epid. Week 10, 2012 compared to three cases reported for the same Epid. Week 2011.

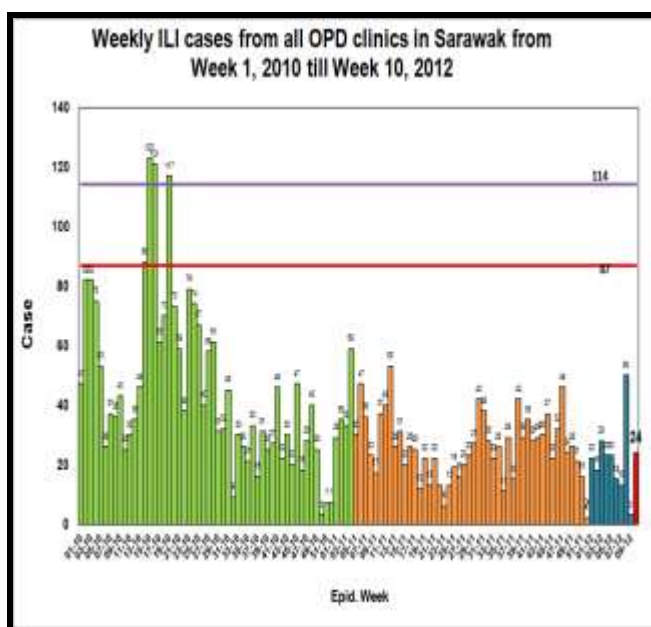
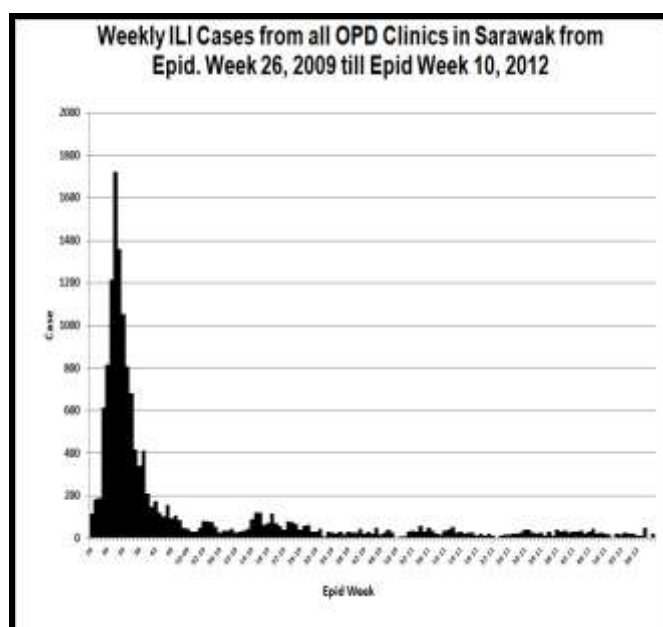
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid. Week 1 in 2010 till Epid. Week 10 in 2012.



In Epid. Week 10, 2012, 8 cases reported from 23 Sentinel clinics, and 24 cases from 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).

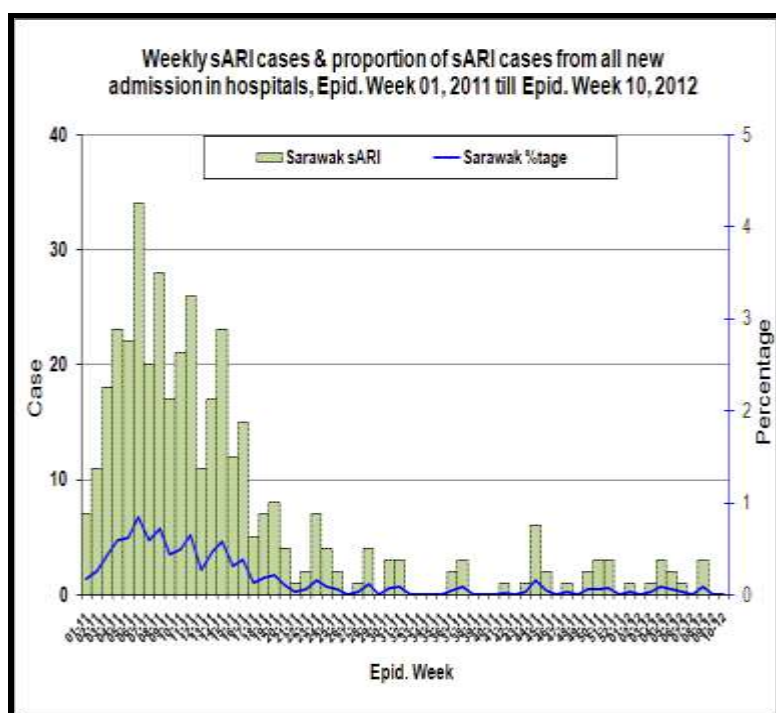


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 10th March 2012.

No ILI cluster was 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 on 10th March 2012.

Division	Hospital	New EW 10	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	0	13	0	0	4	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	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	20	0	0	4	0	0	0	0

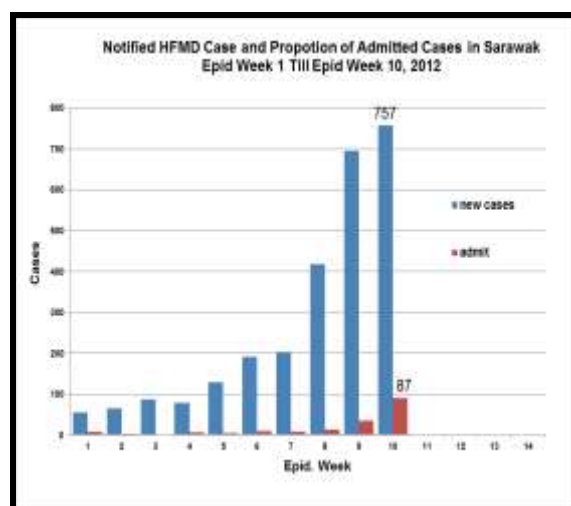
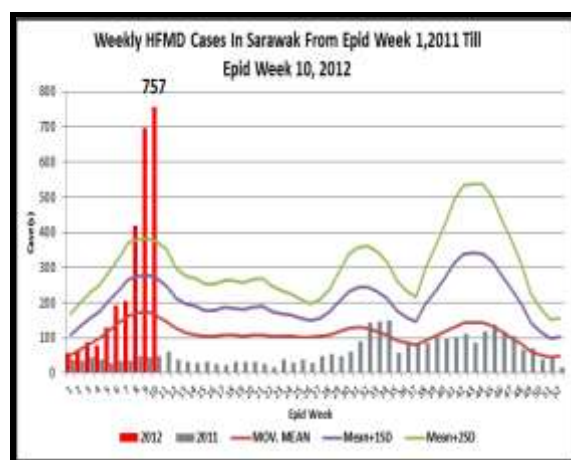
EW = Epid. Week; Cum. = Cumulative figure

No sARI cases were reported in Epid. Week 10, 2012 from SGH Kuching.

10.2. Notified HFMD (masterlist) cases for Epid. Week 10, 2012 compared to Epid. Week 10, 2011 and cumulative cases in Epid. Week 10, 2011.

District / Division	2012		2011		Total
	EW 10	Cum.	EW 10	Cum.	
Lundu	16	45	3	27	31
Bau	29	62	0	5	149
Kuching	241	854	0	1	602
KUCHING	286	961	3	33	782
Samarahan	64	164	1	3	127
Asajaya	10	24	0	0	35
Simunjan	7	35	0	0	19
Serian	31	104	0	0	39
SAMARAHAN	112	327	1	3	220
Sri Aman	23	95	0	2	97
Lubok Antu	3	11	0	0	18
SRI AMAN	26	106	0	2	115
Betong	11	117	2	6	57
Saratok	8	44	0	11	37
BETONG	19	161	2	17	94
Sarikei	21	91	6	37	188
Meradong	1	10	2	3	73
Pakan	5	23	0	1	7
Julau	4	16	0	0	32
SARIKEI	31	140	8	41	300
Daro	8	28	0	0	7
Matu	2	3	0	0	4
Dalat	6	15	1	15	84
Mukah	15	29	2	9	42
MUKAH	31	75	3	24	137
Sibu	21	94	5	24	149
Kanowit	2	7	0	0	6
Selangau	3	3	0	1	22
SIBU	26	104	5	25	177
Song	1	5	9	19	12
Kapit	34	82	0	0	64
Belaga	0	18	0	4	55
KAPIT	35	105	9	23	131
Tatau	14	39	9	78	25
Bintulu	55	289	0	7	25
BINTULU	69	328	9	85	772
Miri	44	182	3	33	324
Marudi	25	25	4	8	49
MIRI	69	207	7	41	373
Limbang	44	146	0	1	65
Lawas	9	24	0	0	4
LIMBANG	53	170	0	1	69
SARAWAK	757	2684	47	295	3170

EW = Epid. Week; Cum. = Cumulative figure



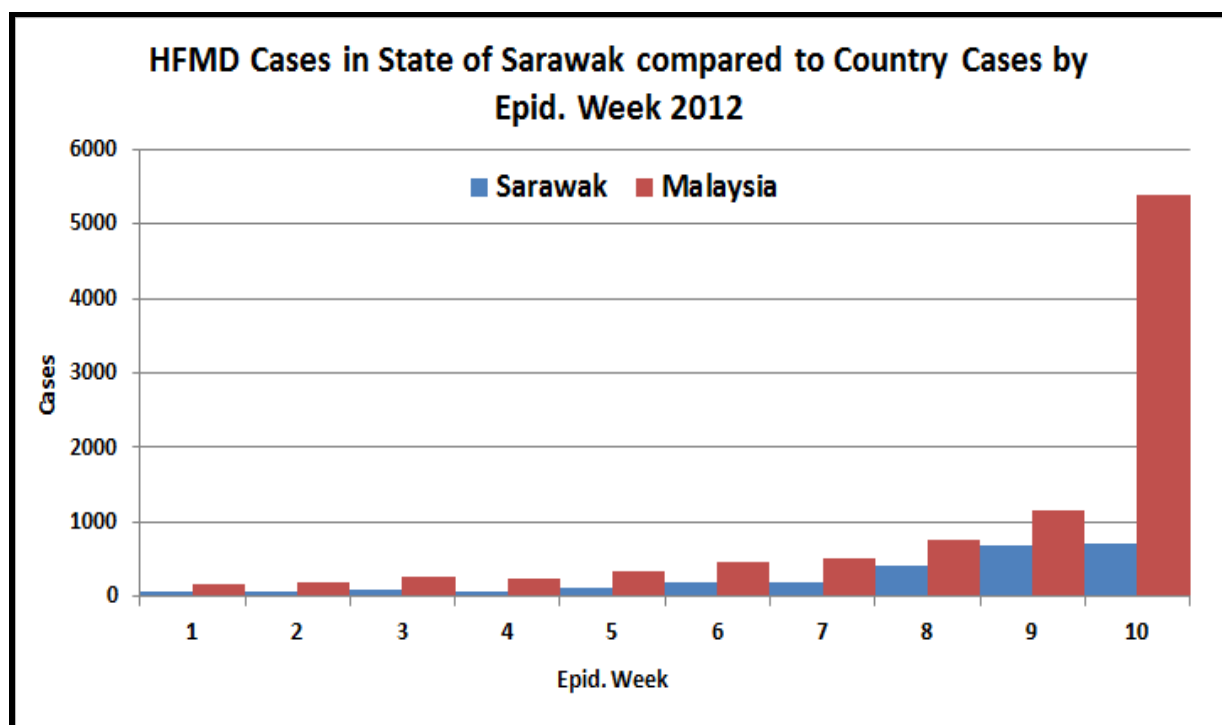
A total of 757 HFMD cases reported in Epid. Week 10, 2012 compared to only 47 cases during the same period in 2011.

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

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

10.2.1 Total HFMD cases in Malaysia from Epid Week 1 until 10, 2012

State/Epid Week	1	2	3	4	5	6	7	8	9	10	Total
SARAWAK	56	65	87	79	129	192	204	419	696	757	2684
SELANGOR	17	23	48	14	82	43	107	87	90	192	703
WP KUALA LUMPUR	10	40	53	71		118	1	23	116	5	437
KELANTAN	3	5	16	9	16	26	35	41	42	77	270
PULAU PINANG	23	13	21	19	10	13	36	31	20	18	204
SABAH	0	3	0	0	4	25	34	51	36	54	207
JOHOR	8	12	14	6	11	5	8	31	35	71	201
PERAK	9	11	5	12	45	1	6	12	24	27	152
MELAKA	4	5	1	7	15	7	27	15	30	14	125
NEGERI SEMBILAN	7	5	8	7	8	5	18	15	33	32	138
KEDAH	6	9	5	12	7	17	8	22	11	29	126
TERENGGANU	9	2	4	0	3	9	18	10	13	22	90
PERLIS	2	4	3	3	5		7	5	5	4	38
PAHANG	1	2	3	1	7	6	3	4	5	11	43
WP LABUAN	0	0	0	0	0	0	0	0	12	5	17
Total	155	199	268	240	343	467	512	766	1168	1268	5435

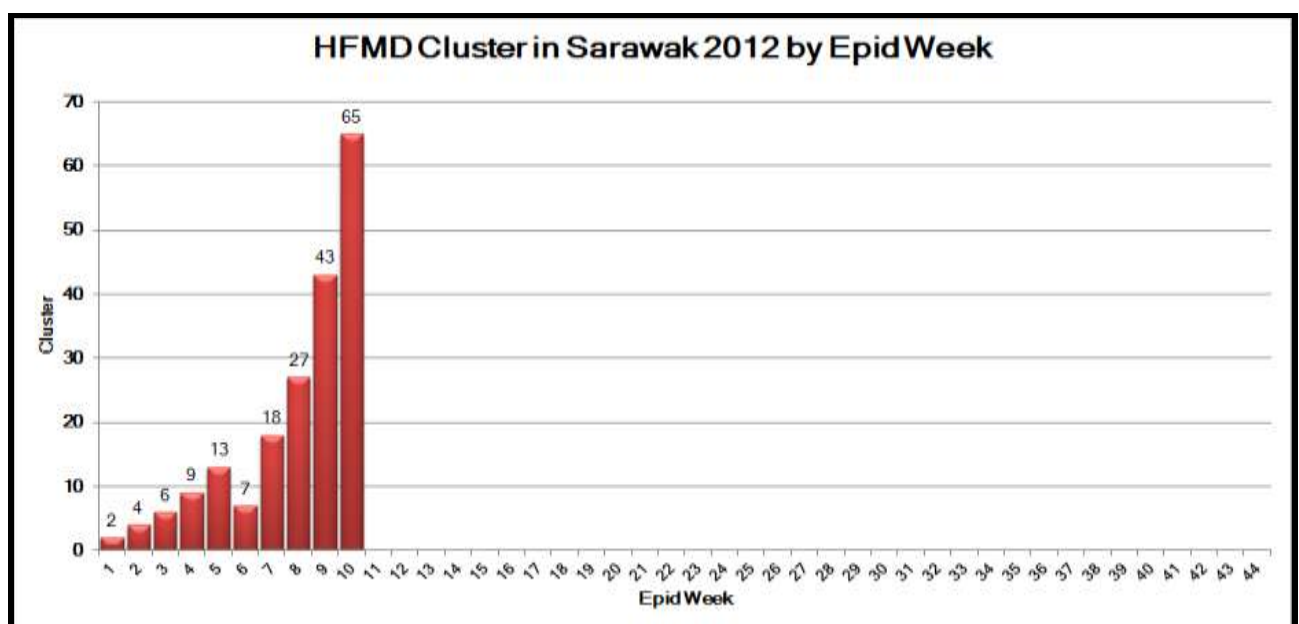
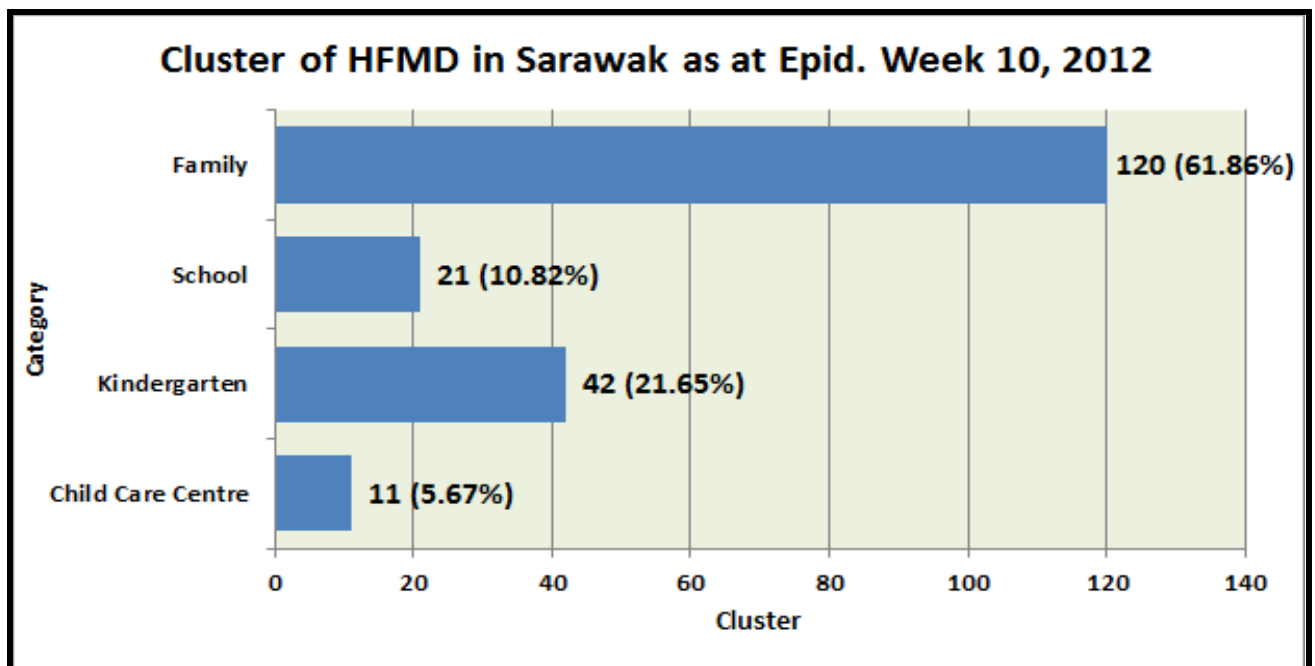


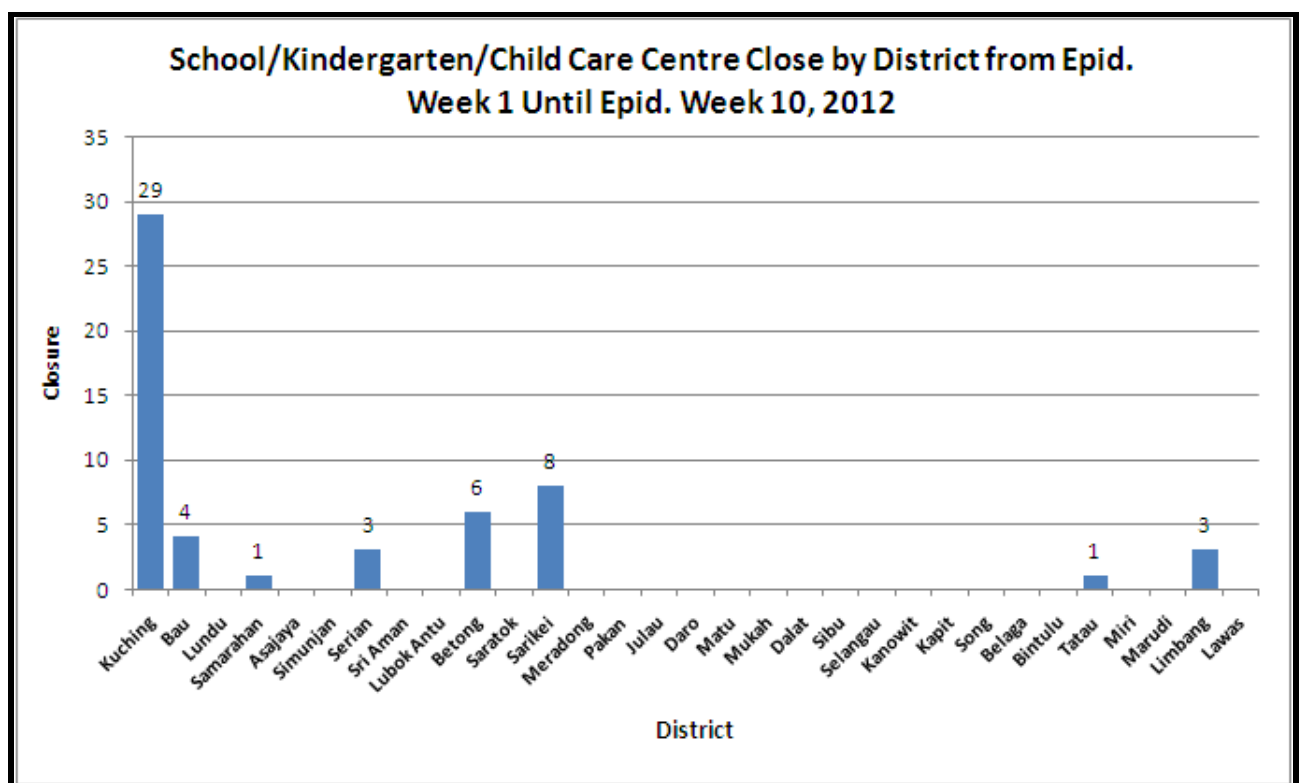
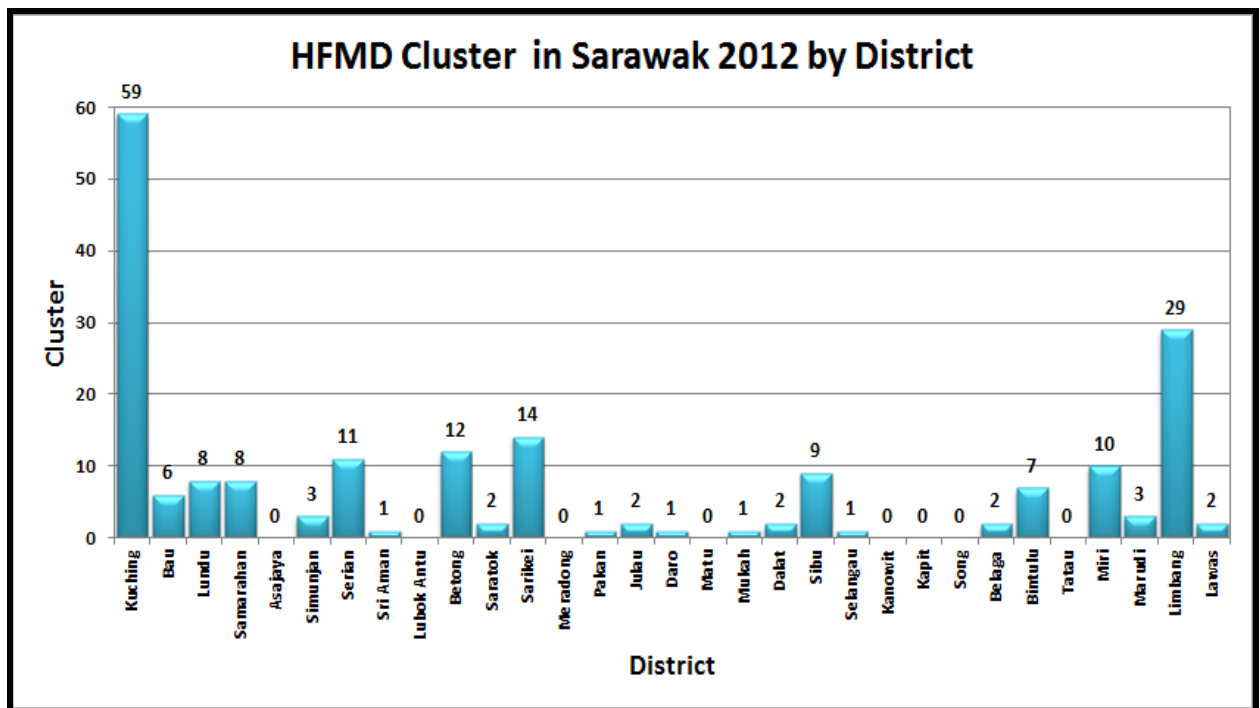
10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in *e-Notifikasi* system by district as at 10th March 2012.

District	Masterlist		Registered Case		Back Log	
	EW 10	Total	EW 10	Total	EW 10	Total
Kuching	241	854	139	713	102	141
Bau	29	62	29	62	0	0
Lundu	16	45	16	45	0	0
KUCHING	286	961	184	820	102	141
Samarahan	64	164	56	154	8	10
Asajaya	10	24	10	24	0	0
Simunjan	7	35	0	19	7	16
Serian	31	104	29	102	2	2
SAMARAHAN	112	327	95	299	17	28
Sri Aman	23	95	20	92	17	3
Lubok Antu	3	11	1	9	3	2
SRI AMAN	26	106	21	101	20	5
Betong	11	117	8	114	3	3
Saratok	8	44	5	41	3	3
BETONG	19	161	13	155	6	6
Sarikei	21	91	0	49	21	42
Meradong	1	10	0	8	1	2
Pakan	5	23	5	23	0	0
Julau	4	16	4	16	0	0
SARIKEI	31	140	9	96	22	44
Daro	8	28	7	27	1	1
Matu	2	3	0	1	2	2
Mukah	15	29	13	27	2	2
Dalat	6	15	5	14	1	1
MUKAH	31	75	25	69	6	6
Sibu	21	94	13	86	8	8
Selangau	3	3	0	0	3	3
Kanowit	2	7	0	2	2	5
SIBU	26	104	13	88	13	16
Kapit	34	82	13	62	21	20
Song	2	5	2	5	0	0
Belaga	0	18	0	17	0	1
KAPIT	36	105	15	84	21	21
Bintulu	55	289	0	180	55	109
Tatau	14	39	0	2	14	37
BINTULU	69	328	0	182	69	146
Miri	44	182	27	165	17	17
Marudi	25	25	23	23	2	2
MIRI	69	207	50	188	19	19
Limbang	44	146	0	101	44	45
Lawas	9	24	9	24	0	0
LIMBANG	53	170	9	125	44	45
SARAWAK	757	2684	434	2207	339	477

10.2.2. Cumulative HFMD Clusters as of 10th March 2012.

A total of 65 HFMD clusters were reported in Epid. Week 10, 2012. Kuching District reported the most clusters with 19 clusters, followed by Limbang (8), Samarahan (6), Sarikei (6), Miri (5), Serian (4), Sibu (4), Bau (3), Marudi (3), Betong (2), Lundu (2), Daro (1), Mukah (1) and Selangau (1)s district involving 16 kindergartens, 10 primary schools, 3 child care centres and 36 family clusters. As at 10th March 2012, a total of 194 clusters were reported. Of these, 120 (61.86%) were family clusters, 11 child care centres (5.67%), 42 kindergartens (21.65%) and 21 primary schools (10.82%).





10.3. Notified Leptospirosis cases for Epid. Week 10, 2012 compared to Epid. Week 10, 2011 and cumulative cases till Epid. Week 10 in 2012.

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (10) 2012	EW (10) 2011	EW (10) 2012	EW (10) 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	1	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	2	11	3 (1)
SRI AMAN	0	1	1	0	2	24 (2)	4 (1)
Betong	0	0	0	0	1	5 (1)	0
Saratok	0	0	0	0	0	5	0
BETONG	0	0	0	0	1	10 (1)	0
Sarikel	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	1	0	1
SARIKEI	0	0	0	0	1	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	0	1	12	1
Belaga	0	0	0	0	0	7 (1)	0
KAPIT	0	0	0	0	1	20 (1)	3
Tatau	0	0	0	0	1	1	0
Bintulu	0	0	0	0	2	11 (3)	6
BINTULU	0	0	0	0	3	12 (3)	6
Miri	0	0	0	0	1	12	3
Marudi	0	1	0	0	0	2	2
MIRI	0	1	0	0	1	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	2	1	0	15	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 10, 2011 compared to Epid. Week 10, 2011 and cumulative cases until Epid. Week 10, 2012.

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (10) 2012	EW (10) 2011	EW (10) 2012	EW (10) 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	0	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	0	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	0	0	0	0	3 (1)	119 (10)	343 (18)

No.	# District	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
1	Selangau	Sibu	48	Iban	Female	09/02/2012	DM, HPT & Asthma	Farmer

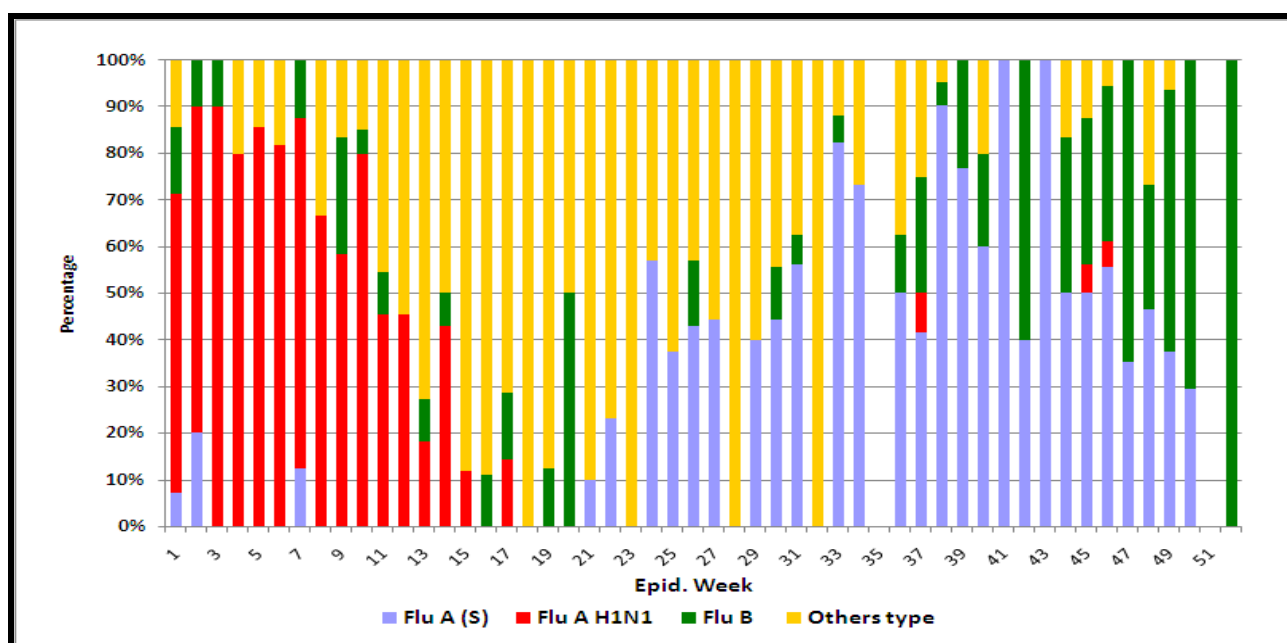
* SGH = Sarawak General Hospital

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 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).

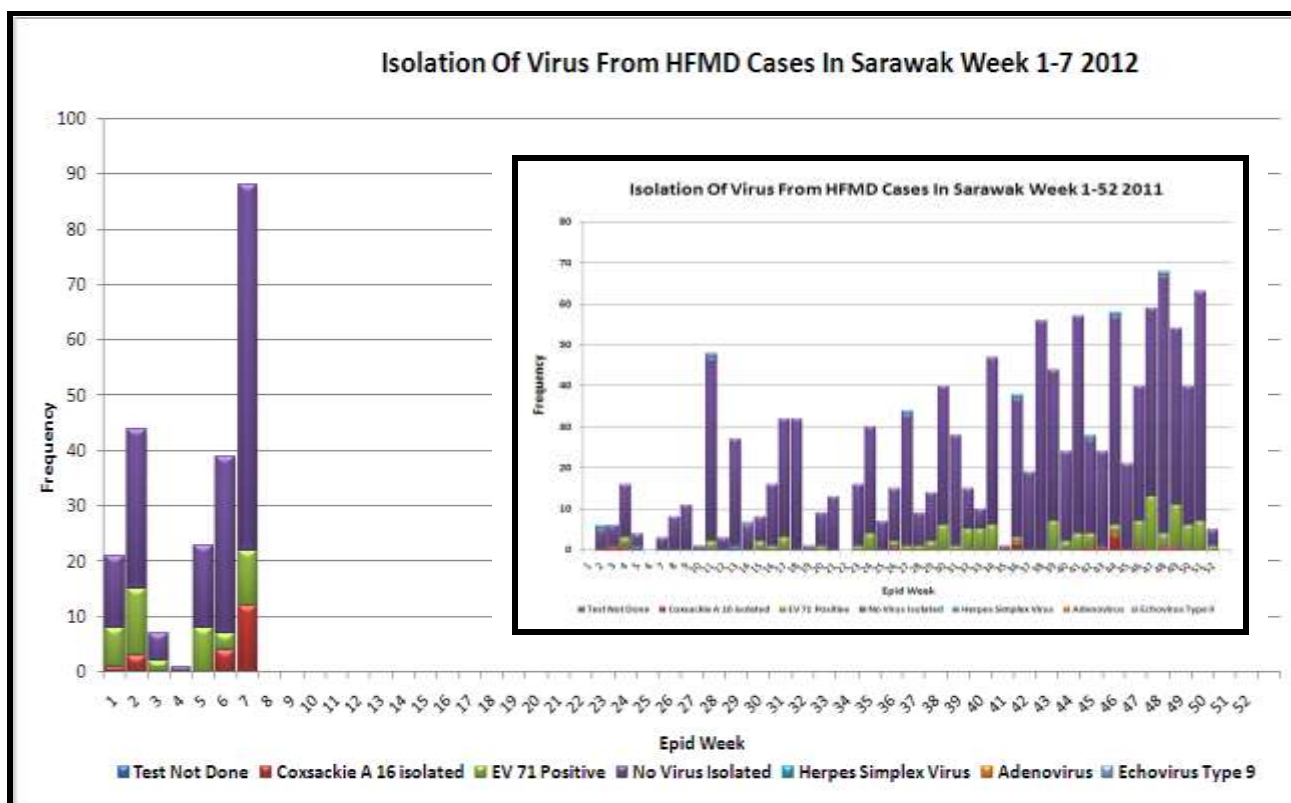
11.2. Laboratory Based Surveillance for Measles in Malaysia

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 2 were positive for IgM Rubella. The positive specimens for IgM Measles were received from Miri (20), Bintulu (7) and Sibul (1) district.

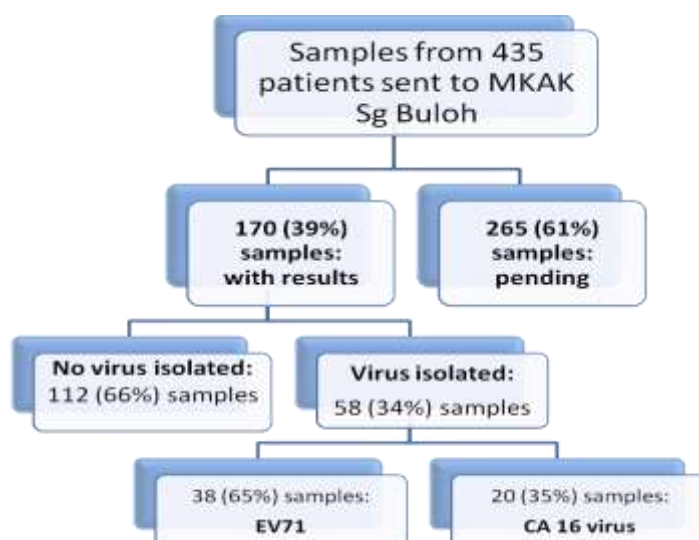
In 2011, Sarawak Health Department sent a total of 360 serum specimens for serology test to MKAK Sg. Buloh. Of these, 40 were positive for IgM Measles (with 6 equivocal) and 40 positive for Rubella (with 17 equivocal).

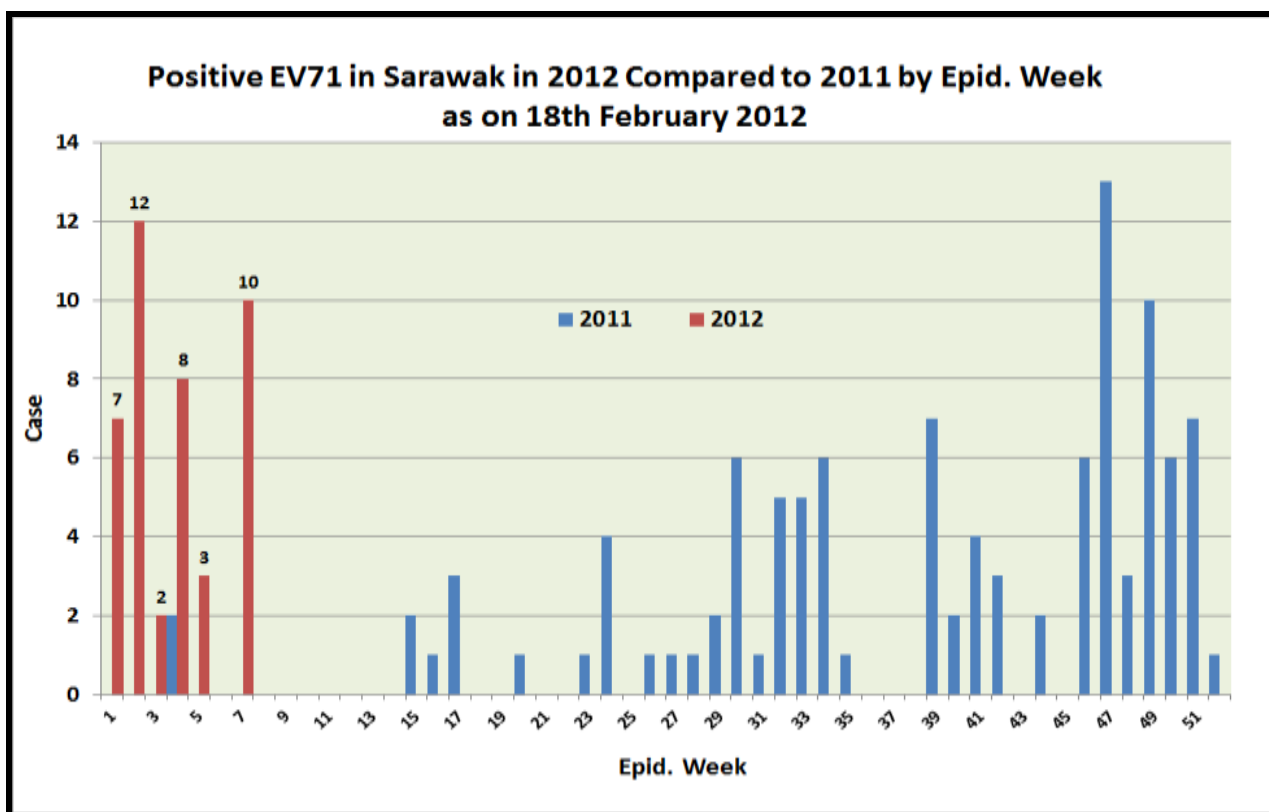
11.3. Laboratory Based Surveillance for HFMD in Sarawak from Epid Week 1 till Epid Week 7, 2012 compared to 2011 (insert).



*results from EW 7, 2012 onwards are still pending

As at 18th February, 2012, specimens from 435 HFMD cases were sent to MKAK Sg. Buloh for viral isolation. Of these, 58 specimens isolated viruses: EV71 (38), Coxsackie A16 (20). No viruses isolated in 112 specimens and another 265 specimens are still pending.





*results from EW 7, 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 10th March 2012):

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 noorzilawati.s@srwk.moh.gov.my	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 Aduce, 93250 KUCHING.	kamarudinl@srwk.moh.gov.my	Tel: 082-238635/257867 Fax: 082-414542/250037 Hp: 013-8014332
4	Pegawai Epidemiologi Bahagian Bahagian Kuching Dr. Ruziana Miss	Pejabat Kesihatan Bahagian, Bahagian Kuching, Jalan Tun Ahmad Zaidi Aduce, 93250 KUCHING.	ruziana.m@srwk.moh.gov.my	Tel: 082-238635/257867 Fax: 082-414542/250037 Hp: 019-8356456
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Pegawai Kesihatan Bahagian Bahagian Bintulu Dr. Mohd Nasir Habib	Pejabat Kesihatan Bahagian, Bahagian Bintulu, Lebuhraya Abang Galau, 97000 BINTULU.	habibmnasir@gmail.com	Tel: 086-331455 Fax: 086-661814 Hp: 013-3440575
13	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
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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.