



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 40

30th September – 6th October 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

HFMD Outbreak
Food Poisoning
Dengue Outbreak

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SARAWAK
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

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2. NEW OUTBREAKS/CLUSTERS

No	Disease	District	Locality	Case (No)	Outbreak declared
1	Food Poisoning	Bau	SK. Suba Buan	5	28 th September 2012
2	Dengue	Lubok Antu	Rh. Saong, Serubah Ulu	2	2 nd October 2012
3		Bau	Kg. Suba Bandar	2	2 nd October 2012
4		Julau	Rh. Langgie, Ulu Balut	2	4 nd October 2012
5		Julau	SK. Ng. Lasi	2	5 nd October 2012

2.1 HFMD CLUSTERS SUMMARY

Division	Category of Cluster				Total
	Family	School	Kindergarten	Child Care Centre	
Kuching	1	0	0	0	1
Samarahan	1	0	0	0	1
Sri Aman	0	0	0	0	0
Betong	0	0	0	0	0
Sarikei	2	0	1	0	3
Mukah	1	0	0	0	1
Sibu	0	0	0	0	0
Kapit	0	0	0	0	0
Bintulu	0	0	0	0	0
Miri	2	0	0	0	2
Limbang	0	0	0	0	0
Total	7	0	1	0	8

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 40, 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						2														3							
Bau						6					8																1
Kuching	1/1					7			5	2	58				1						5						1
Samarahan						1				3	4			1						1							
Asajaya										1	1							1		1							
Simunjan						2					2																
Serian						1				1	9									1							1
Sri Aman						7					4		1					1									1
L/ Antu						3																					
Betong						3					3		3														
Saratok											2			2						4							
Sarikei						1				1	8																
Meradong						4				1	8																
Pakan						4							1							5							
Julau						6							3														
Daro						1					6		1														
Matu											1																
Dalat																											
Mukah																					1						
Sibu						1					9							1		5							
Kanowit													4														
Selangau											1		3							3							
Song						1					1		2														
Kapit	1/0					5					3		4							2							
Belaga						4							8														
Tatau													1														
Bintulu	3/2					2				1	9		4		3			1		46							
Miri						1					13		2		4												
Marudi	1/0					1					2		6														
Limbang											1																
Lawas											1		2														
TOTAL (Week 40)	6/3	0	0	0	0	63	0	0	5	10	154	0	45	0	11	0	0	0	4	0	76	1	0	0	0	0	4
Total (2012)	116/73	0	0	111	0	917	13	0	1256	345	12235	35	1084	8	157	0	0	0	188	1	1556	18	0	85	1	0	223
Total (2011)	164/82	0	0	252	0	974	9	0	1323	445	3170	25	1761	37	335	0	0	0	194	1	1707	6	0	137	25	0	186
Total (2010)	141/113	0	0	0	0	4240	62	0	1299	437	4987	22	2802	10	132	0	0	0	230	1	1639	27	0	35	2	0	49
Total (2009)	143/89	0	1	0	0	4564	82	0	1223	438	9655	15	2158	4	56	0	0	0	339	0	1689	24	1	169	10	0	73

* Dengue and malaria: notification from Vector Section (VEKPRO).

** TB & leprosy: notification from TB/Leprosy Control Section. **Figures are on monthly basis.**

*** HIV/AIDS, gonorrhoea, syphilis, and Hepatitis B: notification from STD/AIDS Section
HFMD notification is based on masterlist.

Leptospirosis was gazetted as a notifiable disease on 9th December 2010

4. SURVEILLANCE REPORT ON FOOD-WATER BORNE DISEASES

4.1. Cumulative cases from Epid Week 1-40, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	11	15	2	14	3	0	0	2
Samarahan	9	9	0	1	0	0	0	0
Sri Aman	2	1	0	0	3	0	0	0
Betong	4	4	3	1	1	0	0	0
Sarikei	6	23	5	5	8	0	0	0
Sibu	5	5	1	2	0	0	0	1
Kapit	4	7	0	2	0	0	0	0
Mukah	4	1	2	2	3	0	0	0
Bintulu	3	11	0	0	0	111	0	0
Miri	11	4	0	0	0	0	0	0
Limbang	2	1	0	0	0	0	0	0
Sarawak	61	81	13	27	18	111	0	3

Note: S = Suspected; C = Confirmed

Note:

- Food poisoning outbreak:
 - o Five (5) were related to Susu 1 Malaysia
 - o Seven were related to mushroom poisoning.
- Dysentery cases; aetiological agents:
 - o *Enteropathogenic e coli* (Kuching, Mukah and Sarikei),
 - o *Shewanella putrefaciens* (Saratok),
 - o *Shigella sp* (Dalat),
 - o *Pleiomonas shigelloidis* (Kuching),
 - o *Shigella Sonnei* (Sibu),
 - o *Salmonella* (Meradong-4),
 - o *Balantidium coli* (Saratok),
 - o *Entamoeba Histolytica* (Saratok).
- Typhoid cases;
 - o Nine (9) are *Salmonella paratyphii*
 - o Nine (9) are *Salmonella typhii*.
- Out of 1133 suspected cholera outbreak in Bintulu, 111 were confirmed cholera and one (1) case reported from Mukah, was originally from Bintulu as evidence by finger printing result.

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. Total number of Vaccine Preventable Diseases (VPD) by division from Epid Week 1-40, 2012

Division	TYPES OF DISEASES								
	Measles					Rubella	Tetanus	Whooping Cough	
	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirmed	C	S	C
		Lab. Confirmed	Clinically Confirmed	Epid. Link					
Kuching	100	24	3	10	32	4	0	17	6
Samarahan	21	2	0	1	13	0	0	0	0
Sri Aman	23	3	1	0	12	2	0	0	0
Betong	12	3	0	0	5	0	0	0	0
Sarikei	61	4	0	0	44	0	0	1	0
Sibu	3	2	0	0	1	0	0	7	0
Kapit	6	0	0	0	4	0	0	2	0
Mukah	1	0	0	0	1	0	0	1	0
Bintulu	165	35	1	13	42	24	1	0	0
Miri	181	48	0	0	99	3	0	12	2
Limbang	19	7	0	0	6	0	0	0	0
Sarawak	592	128	5	24	259	33	1	40	8

Note: S = suspected; C = confirmed

Case Definition of measles:

Any person with

Fever and maculopapular rash and; conjunctivitis or cough or coryza

Or

Any person in whom a clinician suspects a measles infection.

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

5.2. Measles Elimination Programme (MEP) Achievement by Division in Epid. Week 40, 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	1	1(100%)	1(100%)	1(100%)
Samarahan	1	1(100%)	1(100%)	1(100%)
Sri Aman	0	-	-	-
Betong	0	-	-	-
Sarikei	2	2(100%)	2(100%)	2(100%)
Sibu	0	-	-	-
Kapit	0	-	-	-
Mukah	0	-	-	-
Bintulu	3	3(100%)	3(100%)	3(100%)
Miri	4	4(100%)	4(100%)	4(100%)
Limbang	0	-	-	-
Sarawak	11	11(100%)	11(100%)	11(100%)

Strategies of MEP:

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

5.3. Acute Flaccid Paralysis (AFP)

Reported AFP cases in Sarawak, EPID week 1-40, 2012.

Division	Population age < 15	Reported AFP 2011	¹ Expected AFP 2012	Reported AFP 2012	Indicators		
					² Adequate stool	Adequate follow up	Discard category
Kuching	238,400	2	2	1	1	1	Discard 1-GBS
Samarahan	79,300	2	1	1	0	1	Non AFP
Sri aman	33,300	0	1	0	0	0	0
Betong	43,600	0	1	0	0	0	0
Sibu	97,900	0	1	0	0	0	0
Kapit	37,400	0	1	0	0	0	0
Mukah	30,100	0	1	0	0	0	0
Sarikei	65,000	0	1	0	0	0	0
Miri	123,500	2	1	2	2	2	Discard 1- 2(GBS & Transverse Myelitis)
Bintulu	75,800	0	1	1	0	1	Non AFP
Limbang	30,400	0	1	0	0	0	0
TOTAL	854.7	6	12	5		7	5

¹Target Non AFP = 1 case per 100 000 population <15 years old.

Note :

-Notification period of 14 days from the date of onset : Target >80%

-Investigation within 48 hours of notification : Target >80%

-²Collection of two stool specimens within 14 days from the onset of symptoms : Target >80%

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 40, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 40, 2012.

District / Division	2012			
	EW 40		Cumulative	
	HIV	AIDS	HIV	AIDS
Lundu	0	0	0	0
Bau	0	0	2	1
Kuching	1	1	38	23
KUCHING	1	1	40	24
Samarahan	0	0	6	3
Asajaya	0	0	3	1
Simunjan	0	0	3	1
Serian	0	0	6	4
SAMARAHAN	0	0	18	9
Sri Aman	0	0	5	2
LubokAntu	0	0	1	0
SRI AMAN	0	0	6	2
Betong	0	0	0	0
Saratok	0	0	0	0
BETONG	0	0	0	0
Sarikei	0	0	1	1
Meradong	0	0	1	3
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	0	0	2	4
Daro	0	0	2	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	0	1
MUKAH	0	0	2	1
Sibu	0	0	14	11
Kanowit	0	0	1	2
Selangau	0	0	0	0
SIBU	0	0	15	13
Song	0	0	0	1
Kapit	1	0	1	2
Belaga	0	0	0	0
KAPIT	1	0	1	3
Tatau	0	0	0	0
Bintulu	3	2	7	5
BINTULU	3	2	7	5
Miri	0	0	16	5
Marudi	1	0	2	1
MIRI	1	0	18	6
Limbang	0	0	4	4
Lawas	0	0	3	2
LIMBANG	0	0	7	6
Sarawak	6	3	116	73

EW = Epid. Week; Cum. = Cumulative figure

HIV/AIDS

Six HIV cases reported from Kuching(1), Kapit(1), Bintulu(3) and Marudi(1) district. Three AIDS cases reported from Kuching(1) and Bintulu(2) district.

3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 40, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid.Week 40, 2012.

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 40	Cum.	EW 40	Cum.
Lundu	0	4	0	3
Bau	0	7	0	2
Kuching	2	155	0	62
KUCHING	2	166	0	67
Samarahan	3	31	0	12
Asajaya	1	16	1	7
Simunjan	0	8	0	4
Serian	1	8	0	1
SAMARAHAN	5	63	1	24
Sri Aman	0	5	1	16
LubokAntu	0	1	0	4
SRI AMAN	0	6	1	20
Betong	0	2	0	0
Saratok	0	0	0	0
BETONG	0	2	0	0
Sarikei	1	5	0	5
Meradong	1	4	0	1
Pakan	0	1	0	2
Julau	0	1	0	1
SARIKEI	2	11	0	9
Daro	0	4	0	2
Matu	0	8	0	0
Dalat	0	0	0	0
Mukah	0	8	0	4
MUKAH	0	20	0	6
Sibu	0	36	1	31
Kanowit	0	1	0	1
Selangau	0	3	0	1
SIBU	0	40	1	33
Song	0	0	0	0
Kapit	0	2	0	4
Belaga	0	0	0	0
KAPIT	0	2	0	4
Tatau	0	0	0	0
Bintulu	1	8	1	8
BINTULU	1	8	1	8
Miri	0	18	0	6
Marudi	0	3	0	3
MIRI	0	21	0	9
Limbang	0	4	0	4
Lawas	0	2	0	4
LIMBANG	0	6	0	8
Sarawak	10	345	4	188

Gonorrhoea

Ten cases reported in Epid Week 40, 2012 from Kuching(2), Samarahan(3), Asajaya(1), Serian(1), Sarikei(1), Meradong(1) and Bintulu(1) district.

Syphilis

Four cases reported from Asajaya(1), Sri Aman(1), Sibu(1) and Bintulu(1) district

EW = Epid. Week; Cum. = Cumulative figure

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

7.1 Notified Tuberculosis cases for Epid. Week 40, 2012 compared to Epid. Week 40, 2011 and cumulative cases until Epid. Week 40, 2012.

District / Division	2012		2011		Total
	EW 40	Cum.	EW 40	Cum.	
Lundu	3	27	1	16	22
Bau	0	31	0	33	42
Kuching	5	312	8	266	365
KUCHING	8	370	9	315	429
Samarahan	1	17	1	35	46
Asajaya	1	11	0	19	29
Simunjan	0	26	1	27	37
Serian	1	28	2	46	61
SAMARAHAN	3	82	4	127	173
Sri Aman	0	43	2	42	58
LubokAntu	0	26	1	40	49
SRI AMAN	0	69	3	82	107
Betong	0	38	2	36	43
Saratok	4	47	1	43	55
BETONG	4	85	3	79	98
Sarikei	0	39	3	41	51
Meradong	0	26	2	23	29
Pakan	5	19	0	17	22
Julau	0	16	1	19	22
SARIKEI	5	100	6	100	124
Daro	0	13	0	22	27
Matu	0	1	1	4	4
Dalat	0	5	1	11	14
Mukah	0	37	1	34	44
MUKAH	0	56	3	71	89
Sibu	5	168	2	128	175
Kanowit	0	31	1	28	42
Selangau	3	30	0	25	32
SIBU	8	229	3	181	249
Song	0	10	0	21	23
Kapit	2	47	0	39	60
Belaga	0	26	0	37	40
KAPIT	2	83	0	97	123
Tatau	0	22	0	33	43
Bintulu	46	145	1	144	187
BINTULU	46	167	1	177	230
Miri	0	217	6	249	306
Marudi	0	44	0	51	61
MIRI	0	261	6	300	367
Limbang	0	32	1	35	42
Lawas	0	22	0	19	24
LIMBANG	0	54	1	54	66
Sarawak	76	1556	39	1583	2055

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 40, 2012 compared to Epid. Week 40, 2011 and cumulative cases until Epid. Week 40, 2012.

District / Division	2012		2011		Total
	EW 40	Cum.	EW 40	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	1	0	1	3
KUCHING	0	1	0	1	3
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	1	0	0	0
Serian	0	0	0	0	0
SAMARAHAN	0	1	0	0	0
Sri Aman	0	0	0	0	0
LubokAntu	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	3	0	0	0
Julau	0	0	0	0	0
SARIKEI	0	3	0	0	0
Daro	0	1	0	0	0
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	3	0	0	1
MUKAH	0	4	0	0	1
Sibu	0	5	0	1	1
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
SIBU	0	4	0	1	1
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	3	6
KAPIT	0	1	0	3	6
Tatau	0	0	0	0	0
Bintulu	0	2	0	1	1
BINTULU	0	2	0	1	1
Miri	0	11	0	0	4
Marudi	0	6	0	0	5
MIRI	0	16	0	0	9
Limbang	0	1	0	3	4
Lawas	0	0	0	0	0
LIMBANG	0	1	0	4	4
Sarawak	0	35	0	10	25

7.3 Notified Tuberculosis (all forms) Case Classification as on 6th October 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 40	Cum.	EW 40	Cum.	EW 40	Cum.
Lundu	3	20	0	3	0	4
Bau	0	26	0	5	0	0
Kuching	3	187	1	92	1	33
KUCHING	6	233	1	100	1	37
Samarahan	1	16	0	0	0	1
Asajaya	1	6	0	2	0	3
Simunjan	0	21	0	4	0	1
Serian	1	20	0	5	0	3
SAMARAHAN	3	63	0	11	0	8
Sri Aman	0	28	0	10	0	5
LubokAntu	0	23	0	2	0	1
SRI AMAN	0	51	0	12	0	6
Betong	0	31	0	2	0	5
Saratok	3	37	1	7	0	3
BETONG	3	68	1	9	0	8
Sarikei	0	19	0	13	0	7
Meradong	0	15	0	11	0	0
Pakan	1	5	3	11	1	3
Julau	0	7	0	9	0	0
SARIKEI	1	46	3	44	1	10
Daro	0	11	0	2	0	0
Matu	0	1	0	0	0	0
Dalat	0	5	0	0	0	0
Mukah	0	28	0	5	0	4
MUKAH	0	45	0	7	0	4
Sibu	5	113	0	32	0	23
Kanowit	0	20	0	6	0	5
Selangau	0	16	2	6	1	8
SIBU	5	149	2	44	1	36
Song	0	6	0	3	0	1
Kapit	1	22	0	13	1	12
Belaga	0	15	0	5	0	6
KAPIT	1	43	0	21	1	19
Tatau	0	13	0	8	0	1
Bintulu	14	68	27	67	5	10
BINTULU	14	81	27	75	5	11
Miri	0	158	0	43	0	16
Marudi	0	27	0	11	0	6
MIRI	0	185	0	54	0	22
Limbang	0	29	0	2	0	1
Lawas	0	14	0	1	0	7
LIMBANG	0	43	0	3	0	8
Sarawak	33	1007	34	380	9	169

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

76 cases were reported in Epid Week 40,2012. As on 6th October 2012, the cumulative is 1556.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 6th October 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 40	Cum.	*Exposed		*Not exposed		EW 40	Cum.	EW 40	Cum.	EW 40	Cum.
			EW 40	Cum.	EW 40	Cum.						
Lundu	0	0	0	1	0	0	0	0	2	7	0	0
Bau	0	0	0	1	0	0	0	0	0	0	0	0
Kuching	0	3	0	4	0	0	0	1	0	6	0	0
KUCHING	0	3	0	6	0	0	0	1	2	13	0	0
Samarahan	0	0	0	0	0	0	0	0	0	2	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	3	0	0
Serian	0	2	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	0	2	0	0	0	0	0	0	0	4	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	2	0	0
LubokAntu	0	1	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	1	0	0	0	0	0	0	0	2	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	1	0	3	0	0	0	0	0	3	0	0
Meradong	0	2	0	0	0	0	0	0	0	1	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	3	0	3	0	0	0	0	0	3	0	0
Daro	0	0	0	0	0	0	0	0	0	2	0	0
Matu	0	0	0	0	0	0	0	0	0	0	0	0
Dalat	0	0	0	1	0	0	0	0	0	0	0	0
Mukah	0	1	0	0	0	0	0	0	0	2	0	0
MUKAH	0	1	0	1	0	0	0	0	0	4	0	0
Sibu	0	7	0	3	0	0	0	1	0	4	0	0
Kanowit	0	0	0	0	0	0	0	0	0	1	0	0
Selangau	0	3	0	0	0	0	0	0	0	3	0	0
SIBU	0	10	0	3	0	0	0	1	0	8	0	0
Song	0	0	0	0	0	0	0	0	0	0	0	0
Kapit	0	7	0	0	0	0	0	0	0	4	0	0
Belaga	0	1	0	1	0	0	0	0	0	1	0	0
KAPIT	0	8	0	1	0	0	0	0	0	5	0	0
Tatau	0	0	0	0	0	0	0	0	0	16	0	0
Bintulu	12	22	0	1	0	0	0	0	6	27	0	0
BINTULU	12	22	0	1	0	0	0	0	6	43	0	0
Miri	0	2	0	2	0	0	0	1	0	24	0	0
Marudi	0	5	0	0	0	0	0	0	0	2	0	0
MIRI	0	7	0	2	0	0	0	1	0	26	0	0
Limbang	0	1	0	0	0	0	0	0	0	0	0	0
Lawas	0	0	0	0	0	0	0	0	0	0	0	0
LIMBANG	0	1	0	0	0	0	0	0	0	0	0	0
Sarawak	12	58	0	17	0	0	0	3	8	107	0	0

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

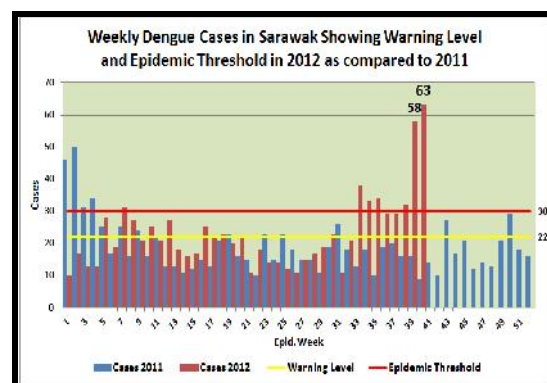
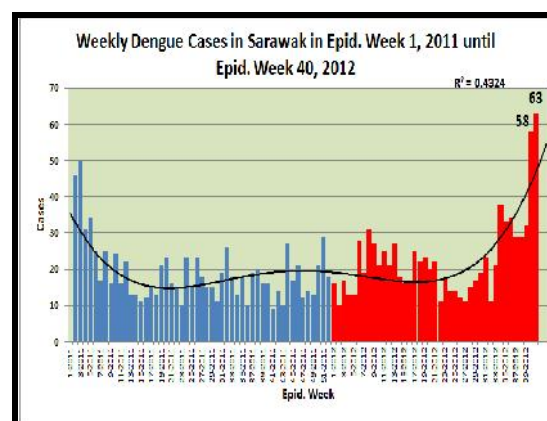
* Possibility of exposed or not exposed to TB patient

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 40, 2012 compared to Epid. Week 40, 2011 and cumulative cases until Epid. Week 40, 2012.

District	2012		2011		Total
	EW 40	Cum.	EW 40	Cum.	
Lundu	2	11	0	9	10
Bau	6	32	0	23	36
Kuching	7	119	5	87	106
Samarahan	1	29	0	19	21
Asajaya	0	5	0	4	4
Serian	2	17	0	13	18
Simunjan	1	12	0	11	19
Sri Aman	7	45	1	41	56
Lubok Antu	3	28	0	20	23
Betong	3	50	0	11	13
Saratok	0	20	0	6	11
Sarikei	1	29	0	20	28
Meradong	4	31	0	11	14
Pakan	4	34	0	15	23
Julau	6	32	0	14	17
Daro	1	5	0	6	6
Matu	0	0	0	1	1
Dalat	0	9	0	2	3
Mukah	0	6	0	4	5
Sibu	1	36	1	61	75
Kanowit	0	13	0	25	31
Selangau	0	4	0	9	10
Song	1	13	0	10	10
Kapit	5	51	0	27	32
Belaga	4	22	0	22	27
Tatau	0	24	0	32	47
Bintulu	2	80	1	90	100
Miri	1	102	1	97	134
Marudi	1	32	0	48	59
Limbang	0	13	0	18	20
Lawas	0	13	0	6	15
Sarawak	63	917	9	762	974

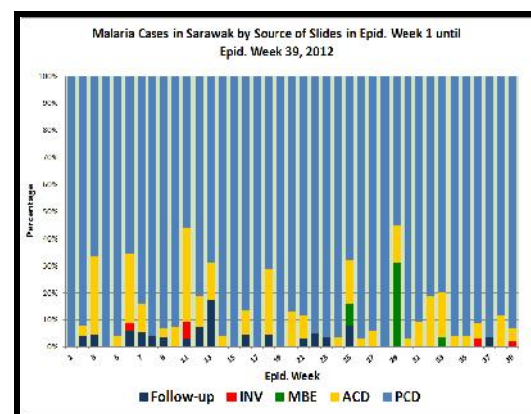
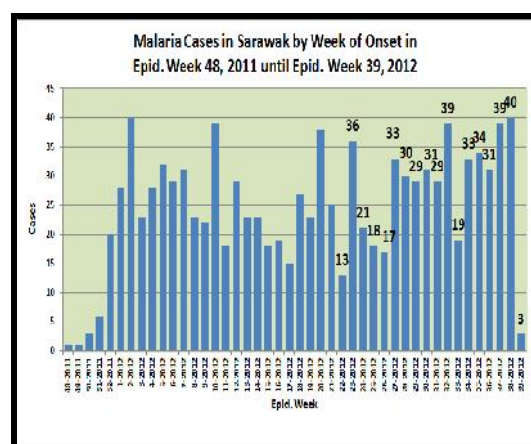
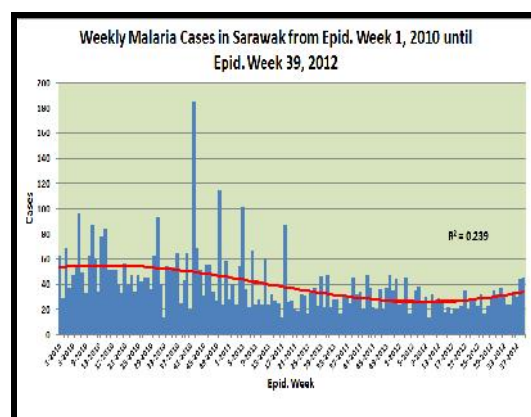


In 2012, a total of 63 dengue cases were reported for Week 40 (6th October, 2012) as compared to 9 cases during the same period in 2011. There is an increases of 5 cases from the previous week (Week 39,2012). Four (4) new outbreak localities reported from Lubok Antu (1), Julau(2) and Bau(1). Seven(7) outbreak localities were still active reported, in Bintulu(2), Meradong (2), Betong(1), Kuching (1) and Lubok Antu(1).

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 39, 2012 compared to Epid. Week 39, 2011 and cumulative cases until Epid. Week 39 in 2012.

District	2012		2011		Total
	EW 39	Cum.	EW 39	Cum.	
Lundu	0	9	0	28	33
Bau	0	0	0	3	5
Kuching	0	17	2	15	23
Samarahan	0	3	0	3	3
Asajaya	0	0	0	0	1
Serian	0	4	1	19	21
Simunjan	0	2	0	2	2
Sri Aman	1	14	1	14	17
Lubok Antu	0	22	0	18	25
Betong	3	45	0	33	47
Saratok	0	17	0	2	3
Sarikei	0	17	0	15	16
Meradong	0	9	0	9	9
Pakan	1	39	0	18	29
Julau	3	57	1	58	69
Daro	1	6	0	1	2
Matu	0	1	0	0	2
Dalat	0	3	0	8	10
Mukah	0	2	0	2	2
Sibu	0	57	0	34	52
Kanowit	4	52	2	60	89
Selangau	3	29	1	12	16
Song	2	69	0	54	78
Kapit	4	145	6	166	230
Belaga	8	110	1	100	139
Tatau	1	20	0	23	34
Bintulu	4	25	2	35	39
Miri	2	24	2	26	40
Marudi	6	214	26	531	670
Limbang	0	21	0	14	21
Lawas	2	51	0	26	34
Sarawak	45	1084	45	1329	1761



A total of 45 cases were reported on week 39, 2012. Cumulative cases till week 39 were 1084 cases. Of the 1084 cases, 214 cases (20%) from Marudi District, 145 cases (13%) from Kapit District and 110 cases (10%) Belaga District.

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

8.2.1. Malaria cases by slide source

Slides source	2012	
	EW 39	Cum.
Passive Case Detection (PCD)	42	945
Active Case Detection (ACD)	2	99
Investigation slides (INV)	1	6
Mass Blood Survey (MBS)	0	10
Follow-up	0	24
Total	45	1084

8.2.2. Malaria cases by species

Species	2012	
	EW 39	Cum.
<i>P. vivax</i>	3	330
<i>P. falciparum</i>	5	65
<i>P. malariae</i>	0	5
<i>P. knowlesi</i>	36	675
<i>P. ovale</i>	0	5
Mixed	1	4
Total	45	1084

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 39	Cum.
Indigenous	39	873
*Imported A	6	172
Relapsed	0	39
Congenital	0	0
Total	45	1084

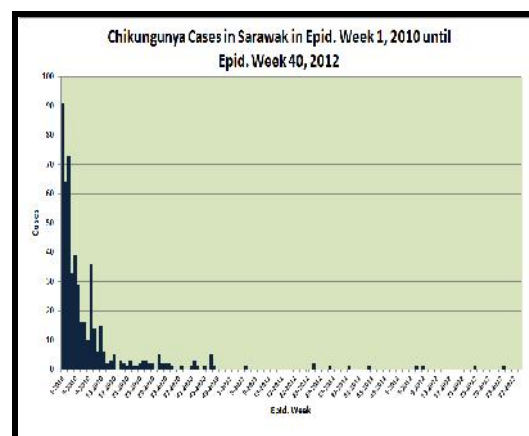
8.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Species
1	Daro	India	India	20	Male	<i>P.falciparum</i>
2	Kapit	KKB G. Congo, Afrika	Malaysian	38	Male	<i>P.falciparum</i>
3	Miri	Indonesia	Indonesian	31	Male	<i>Mixed</i>
4	Kanowit	Papua New Guinea	Malaysian	39	Male	<i>P.vivax</i>
5	Kanowit	KKB WTK, PNG	Malaysian	58	Male	<i>P.falciparum</i>
6	Bintulu	KKB Forest Venture, Liberia, Afrika	Malaysian	36	Male	<i>P.falciparum</i>

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 40, 2012 compared to Epid. Week 40, 2011 and cumulative cases until Epid. Week 40 in 2012.

District	2012		2011		Total
	EW 40	Cum.	EW 40	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	1	1
Samarahan	0	0	0	0	0
Asajaya	0	1	0	1	1
Serian	0	0	0	1	1
Simunjan	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	1	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Pakan	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	1
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	0	0	0
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
Song	0	1	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	0	0
Tatau	0	0	0	0	0
Bintulu	0	0	0	0	0
Miri	0	0	0	0	0
Marudi	0	0	0	1	1
Limbang	0	0	0	0	0
Lawas	0	0	0	0	0
Sarawak	0	4	0	5	6



Chikungunya

No case of Chikungunya was reported in week 40, 2012. During the same period in 2011, one case was reported. The cumulative case of Chikungunya for 2012 is 4.

EW = Epid. Week; Cum. = Cumulative figure

8.4. Filariasis

No case of Filariasis was reported in week 40, 2012. During the same period in 2011, no case was reported. The cumulative case of Filariasis for 2012 is 11 cases.

8.5 Japanese Encephalitis (JE)

No case of Japanese Encephalitis (JE) was reported in week 40, 2012. During the same period in 2011, no case was reported. The cumulative case of Japanese Encephalitis for 2012 is 6.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No case reported. As at 6th October 2012, only one case of Viral Encephalitis reported.

9.2. Viral Hepatitis (all form)

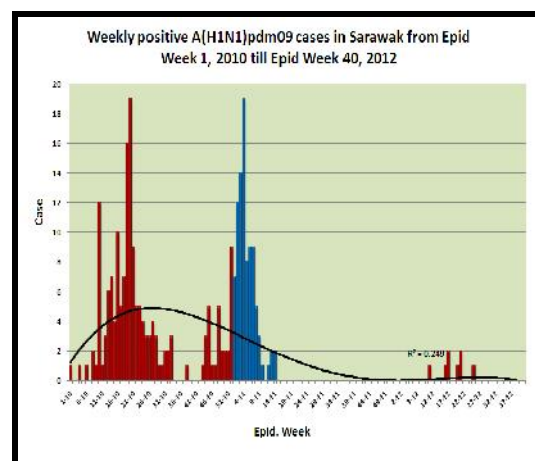
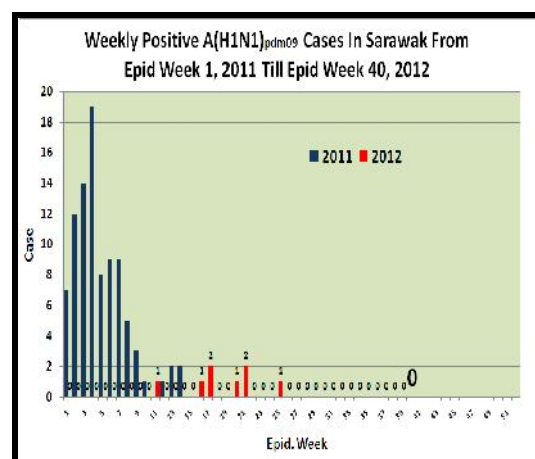
No case reported in Epid Week 40, 2012. As at 6th October 2012, out of 85 viral hepatitis reported, two are Hepatitis A, 15 Acute Hepatitis B, 38 Chronic Hepatitis B, seven Acute Hepatitis C and 23 Chronic Hepatitis C.

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

10.1. A/H1N1_{pdm09}

10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} as for Epid. Week 40, 2012 compared to Epid. Week 40, 2011 and cumulative cases until Epid. Week 40 in 2012.

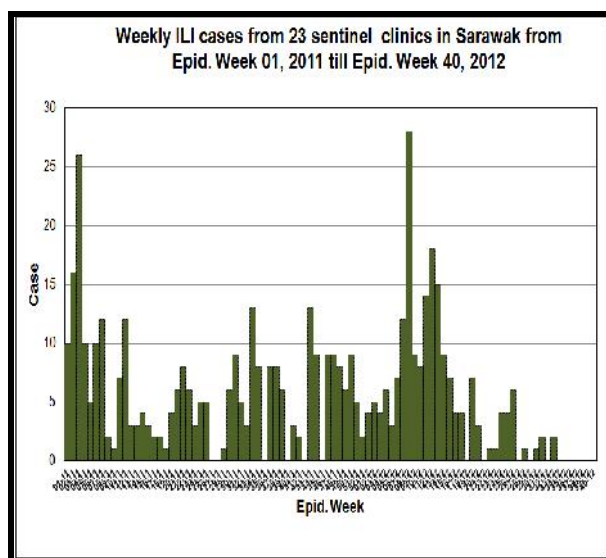
District	2012		2011		Total
	EW 40	Cum.	EW 40	Cum.	
Lundu	0	0	0	2	2
Bau	0	0	0	0	0
Kuching	0	2	0	51	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	0	1	1
Kanowit	0	0	0	0	0
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	2	2
Tatau	0	1	0	0	0
Bintulu	0	4	0	26	26
Miri	0	0	0	6	6
Marudi	0	0	0	0	0
Limbang	0	0	0	2	2
Lawas	0	0	0	1	1
SARAWAK	0	8	0	92	92



No positive case reported in Epid. Week 40, 2012. Total positive cases in 2012 remain as eight.

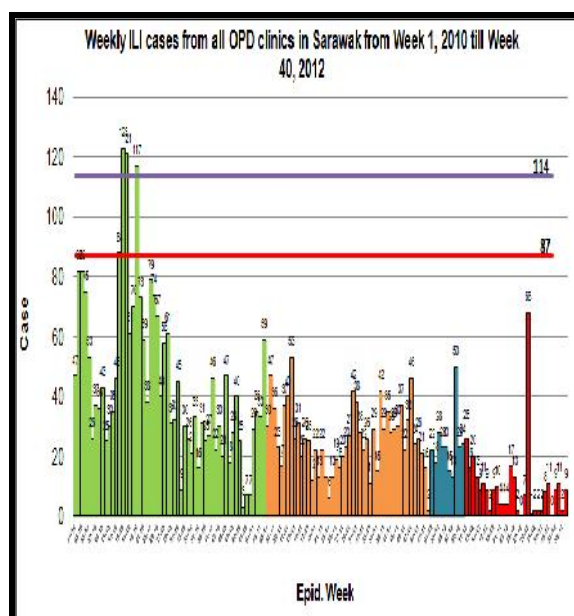
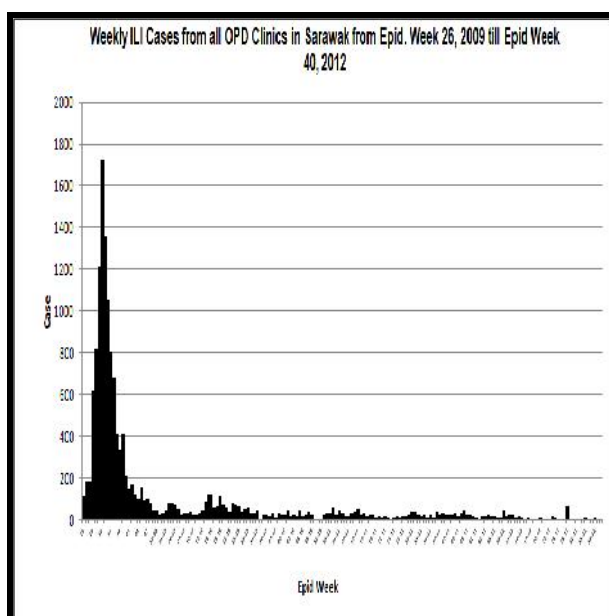
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2010 till Epid. Week 40 in 2012.



In Epid. Week 40, 2012, no case of ILI reported from 22 Sentinel clinics and nine case from OPD clinics.

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

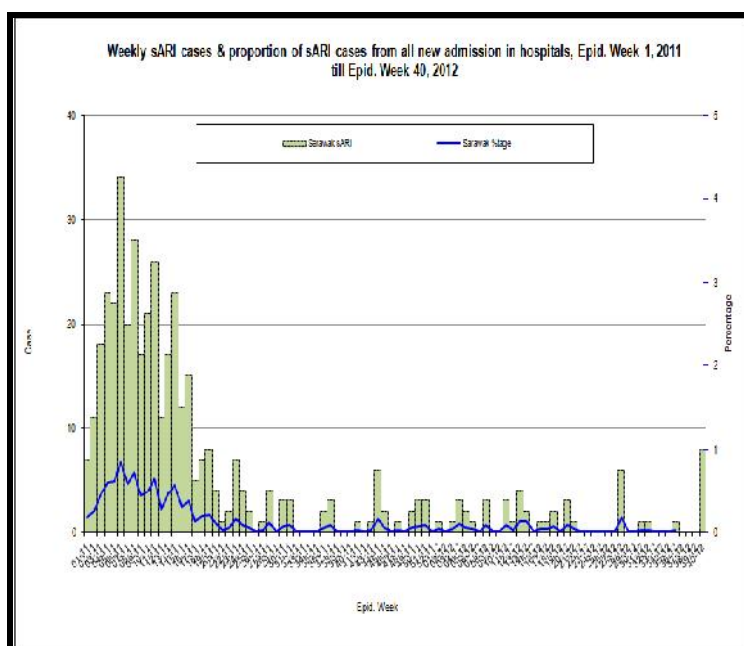


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI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

10.1.3. New and Cumulative ILI Clusters as of 6th October 2012.

No ILI cluster reported. The last 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 6th October 2012.

Division	Hospital	New EW 40	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	1	39	0	0	1	0	0	0	1
	Bau	0	1	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCRM	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
	Ualat	0	0	0	0	0	0	0	0	0
	Daro	0	0	0	0	0	0	0	0	0
Kapit	Kapit	0	0	0	0	0	0	0	0	0
Bintulu	Bintulu	2	64	0	0	2	0	0	2	0
Miri	Miri	0	1	0	0	0	0	0	0	0
	Marudi	0	0	0	0	0	0	0	0	0
Limbang	Limbang	0	0	0	0	0	0	0	0	0
	Lawas	0	0	0	0	0	0	0	0	0
Total		3	106	0	0	3	0	0	2	1

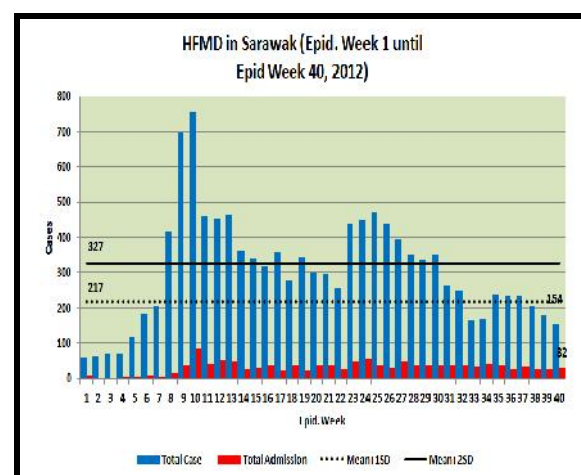
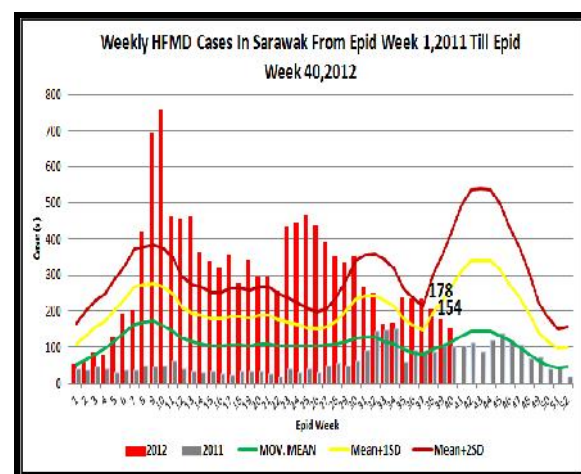
EW = Epid. Week; Cum. = Cumulative figure

Three sARI cases reported in Epid Week 40, 2012 from Sarawak General Hospital, Kuching(1) and Bintulu Hospital(2). Two cases still pending and one negative for H1N1.

10.2. Notified HFMD (masterlist) cases for Epid. Week 40, 2012 compared to Epid. Week 40, 2011 and cumulative cases in Epid. Week 40, 2011.

District / Division	2012		2011		Total
	EW 40	Cum.	EW 40	Cum.	
Lundu	0	226	0	20	31
Bau	8	356	1	69	149
Kuching	58	3469	20	361	602
KUCHING	66	4051	21	450	782
Samarahan	4	666	7	96	127
Asajaya	1	77	0	26	35
Simunjan	2	188	1	15	19
Serian	9	691	1	22	39
SAMARAHAN	16	1622	9	159	220
Sri Aman	4	463	5	85	97
Lubok Antu	0	80	0	12	18
SRI AMAN	4	543	5	97	115
Betong	3	327	2	36	57
Saratok	2	241	1	30	37
BETONG	5	568	3	66	94
Sarikei	8	497	2	140	188
Meradong	8	176	0	64	73
Pakan	0	85	0	4	7
Julau	0	126	0	3	32
SARIKEI	16	884	2	211	300
Daro	6	128	0	0	7
Matu	1	84	0	1	4
Dalat	0	113	0	18	84
Mukah	0	159	0	41	42
MUKAH	7	484	0	60	137
Sibu	9	822	3	100	149
Kanowit	0	46	2	22	6
Selangau	1	35	0	5	22
SIBU	10	903	5	127	177
Song	1	41	0	11	12
Kapit	3	394	0	50	64
Belaga	0	116	6	15	55
KAPIT	4	551	6	76	131
Tatau	0	97	0	25	25
Bintulu	9	790	15	577	25
BINTULU	9	887	15	602	772
Miri	13	1101	5	162	324
Marudi	2	98	0	40	49
MIRI	15	1199	5	202	373
Limbang	1	448	0	8	65
Lawas	1	95	0	3	4
LIMBANG	2	543	0	11	69
SARAWAK	154	12235	71	2061	3170

EW = Epid. Week; Cum. = Cumulative figure



A total of 154 HFMD cases reported in Epid. Week 40, 2012 compared to only 71 cases during the same period in 2011.

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

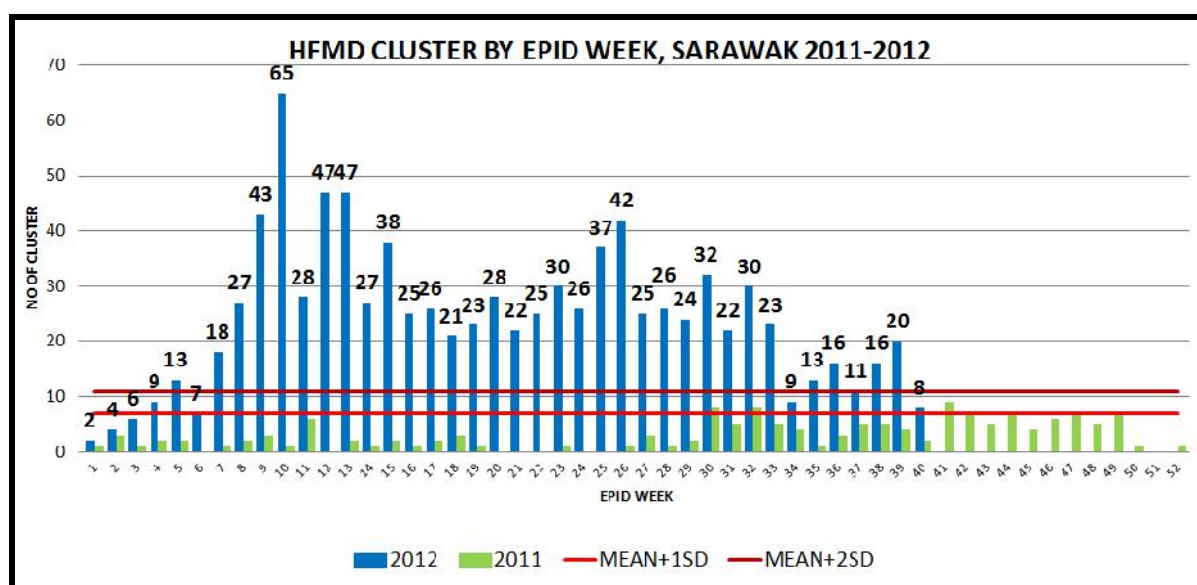
1. Kuching
2. Samarahan
3. Miri
4. Bintulu
5. Sarikei

10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 6th October 2012.

District	Masterlist		Registered Case		Back Log	
	EW 40	Total	EW 40	Total	EW 40	Total
Kuching	58	3469	33	3444	25	25
Bau	8	356	6	354	2	2
Lundu	0	226	0	225	0	1
KUCHING	66	4051	39	4023	27	28
Samarahan	4	666	0	578	4	88
Asajaya	1	77	0	76	1	1
Simunjan	2	188	0	150	2	38
Serian	9	691	9	693	0	-2
SAMARAHAN	16	1622	9	1497	7	125
Sri Aman	4	463	4	463	0	0
Lubok Antu	0	80	0	75	0	5
SRI AMAN	4	543	4	538	0	5
Betong	3	327	3	328	0	-1
Saratok	2	241	3	242	-1	-1
BETONG	5	568	6	570	-1	-2
Sarikei	8	497	0	443	8	54
Meradong	8	176	8	176	0	0
Pakan	0	85	0	82	0	3
Julau	0	126	0	121	0	5
SARIKEI	16	884	8	822	8	62
Daro	6	128	0	116	6	12
Matu	1	84	0	58	1	26
Mukah	0	159	0	159	0	0
Dalat	0	113	0	99	0	14
MUKAH	7	484	0	432	7	52
Sibu	9	822	7	820	2	2
Selangau	1	35	1	35	0	0
Kanowit	0	46	0	45	0	1
SIBU	10	903	8	900	2	3
Kapit	3	394	0	367	3	27
Song	1	41	1	41	0	0
Belaga	0	116	0	123	0	-7
KAPIT	4	551	1	531	3	20
Bintulu	9	790	0	859	9	-69
Tatau	0	97	0	105	0	-8
BINTULU	9	887	0	964	9	-77
Miri	13	1101	0	1061	13	40
Marudi	2	98	8	104	-6	-6
MIRI	15	1199	8	1165	7	34
Limbang	1	448	1	450	0	-2
Lawas	1	95	0	78	1	17
LIMBANG	2	543	1	528	1	15
SARAWAK	154	12235	84	11970	70	265

10.2.2. HFMD Clusters and closure

Division	Cluster		Closure	
	EW40	Cum	EW40	Cum
Kuching	1	345	0	59
Samarahan	1	104	0	14
Sri Aman	0	16	0	0
Betong	0	46	0	10
Sarikei	3	115	1	28
Mukah	1	40	0	7
Sibu	0	64	0	0
Kapit	0	27	0	0
Bintulu	0	41	0	8
Miri	2	91	0	2
Limbang	0	78	0	6
Sarawak	8	967	1	134



10.3. Notified Leptospirosis cases for Epid. Week 40, 2012 compared to Epid. Week 40, 2011 and cumulative cases till Epid. Week 40 in 2012.

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (40) 2012	EW (40) 2011	EW (40) 2012	EW (40) 2011			
Lundu	0	0	0	0	4	6	0
Bau	0	0	1	1	8 (1)	5 (1)	1
Kuching	0	0	1	0	63 (1)	40 (2)	12
KUCHING	0	0	2	1	75 (2)	51 (3)	13
Samarahan	0	0	0	0	6	3	1
Asajaya	0	0	0	0	0	3	0
Simunjan	0	0	0	0	4	8 (1)	1
Serian	0	0	1	0	4	10 (2)	2
SAMARAHAN	0	0	1	0	14	24 (3)	4
Sri Aman	0	0	1	0	9	14 (2)	1
Lubok Antu	0	0	0	0	11	11	3 (1)
SRI AMAN	0	0	1	0	20	25 (2)	4 (1)
Betong	0	0	0	0	8	5 (1)	0
Saratok	0	0	0	0	4	6 (1)	0
BETONG	0	0	0	0	12	11 (2)	0
Sarikei	0	0	0	0	5	1	1
Meradong	0	0	0	0	2	24	1
Pakan	0	0	0	0	3	3	1
Julau	0	0	0	0	1	0	1
SARIKEI	0	0	0	0	11	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	1	2	6
Kanowit	0	0	0	0	3 (1)	4	1
Selangau	0	0	0	0	2	3	0
SIBU	0	0	0	0	6	9	7
Song	0	0	0	0	1	1	2
Kapil	0	0	0	0	48	12	1
Belaga	0	0	0	0	3	7 (1)	0
KAPIT	0	0	0	0	52	20 (1)	3
Tatau	0	0	0	0	2	1	0
Bintulu	0	0	0	0	6	10 (2)	6
BINTULU	0	0	0	0	8	11 (2)	6
Miri	0	0	0	0	10	16 (1)	3
Marudi	0	0	0	0	2	2	2
MIRI	0	0	0	0	12	18 (1)	5
Limbang	0	0	0	0	13 (1)	2 (1)	1
Lawas	0	0	0	0	0	0	0
LIMBANG	0	0	0	0	13 (1)	2 (1)	1
SARAWAK	0	0	4	1	223 (4)	203 (16)	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

10.3.1 Locality of Leptospirosis Cluster in Sarawak Epid. Week 1 until Epid. Week 40, 2012

No.	District	Locality	Number of Cases	Outbreak Declared
1	Kuching/Kota Belud	Kem Semenggo/Kem Paradise	13	20/02/2012
2	Limbang	Setuan, Tapak Kajian Pembinaan Empangan Baru	4	22/02/2012
3	Samarahan	Kpg. Entingan, Samarahan	2	08/06/2012
4	Meradong	Ulu Sg. Sebuloh	2	19/06/2012
5	Kuching	Pusat Latihan Polis (PULAPOL), Jalan Puncak Borneo, Kuching	22	20/07/2012
6	Bau	Taman Dayu, Jalan Sebuku Cina, Bau	2	14/09/2012

10.4. Notified Melioidosis cases for Epid. Week 40, 2011 compared to Epid. Week 40, 2011 and cumulative cases until Epid. Week 40, 2012

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (40) 2012	EW (40) 2011	EW (40) 2012	EW (40) 2011			
Lundu	0	0	0	0	0	0	0
Bau	0	0	0	0	0	1	0
Kuching	0	0	0	0	3	4	12 (1)
KUCHING	0	0	0	0	3	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
Serlan	0	0	0	0	0	2 (1)	1 (1)
SAMARAHAN	0	0	0	0	0	2	1 (1)
Sri Aman	0	0	0	0	0	3	0
Lubok Antu	0	0	0	0	1	1	0
SRI AMAN	0	0	0	0	1	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	1	0	1
Mukah	0	0	0	0	0	2	3 (1)
MUKAH	0	0	0	0	1	2	4 (1)
Sibu	0	0	0	0	0	1	3 (1)
Kanowit	0	0	0	0	0	1	1
Selangau	0	0	0	0	1 (1)	4	6 (2)
SIBU	0	0	0	0	1	6	12 (3)
Song	0	0	0	0	0	1	1 (2)
Kapit	0	0	0	1	28	62 (3)	162 (1)
Belaga	0	0	0	0	0	21 (4)	28 (1)
KAPIT	0	0	0	1	28	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	2	7 (2)	35 (1)
Marudi	0	0	0	0	0	1	7
MIRI	0	0	0	0	2	8 (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	1	36 (1)	121 (11)	343 (18)

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

10.4.1 Melioidosis Death case (Positive) 2012

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

* SGH = Sarawak General Hospital

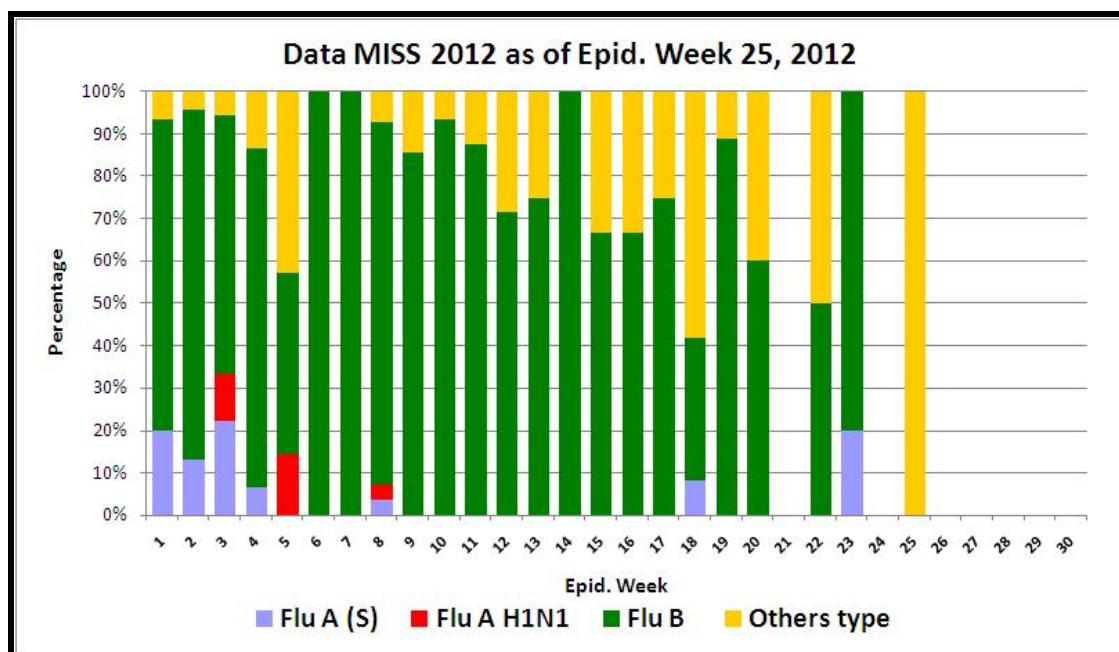
Note

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

® Hospital indicate facility where patient admitted

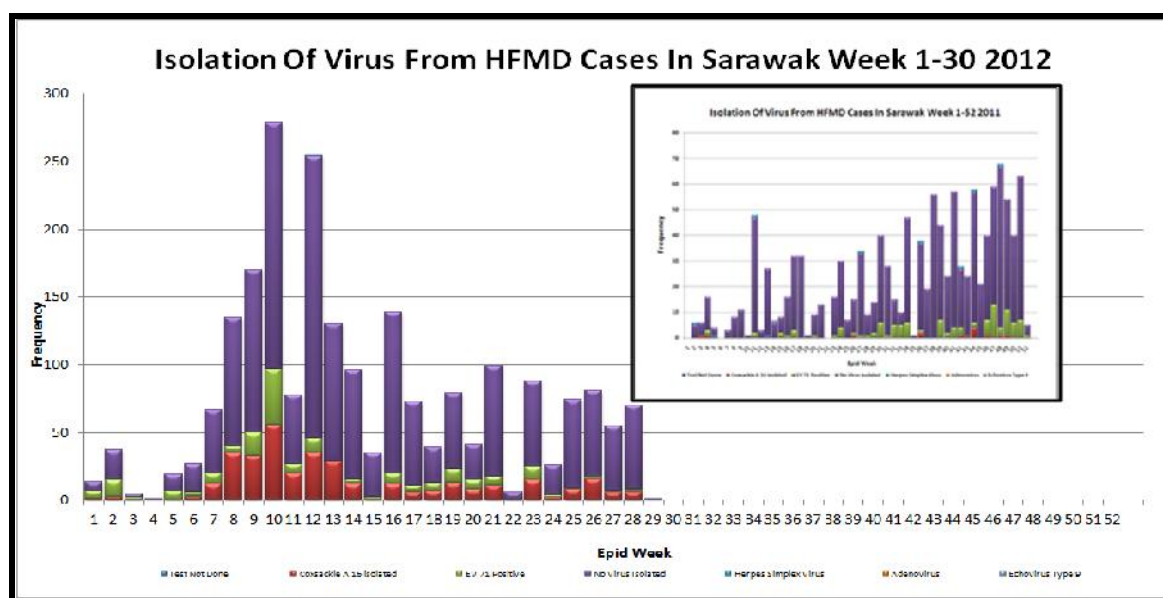
11. LABORATORY BASED SURVEILLANCE

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

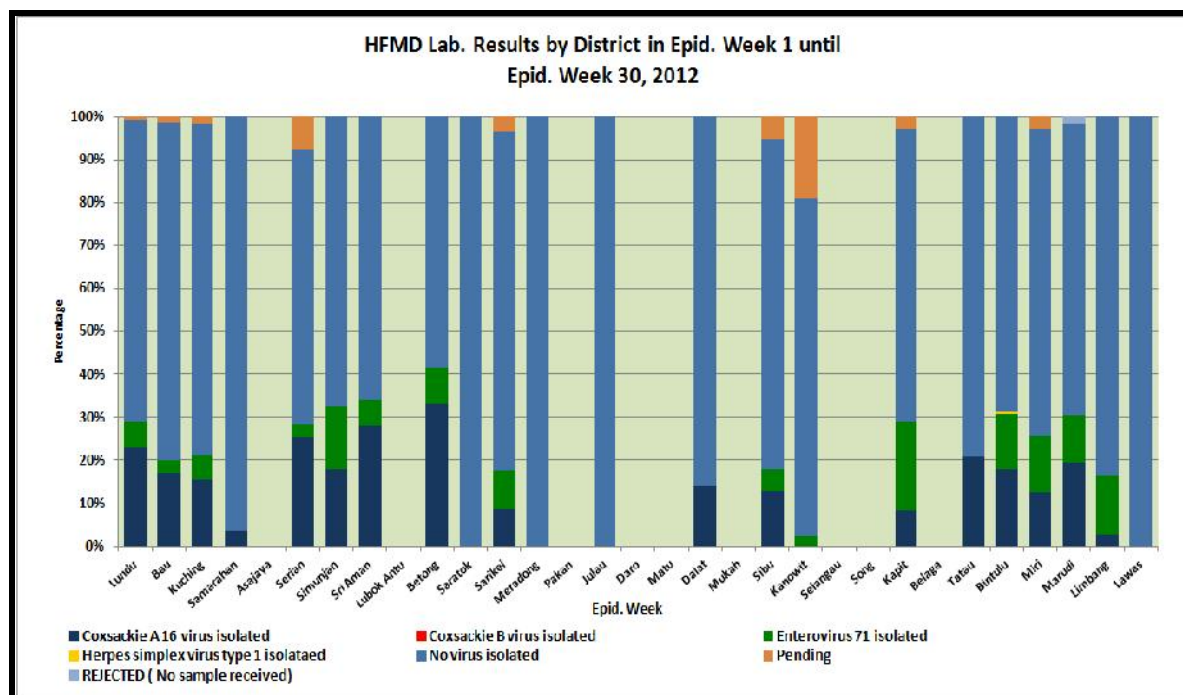


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

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



As of 6th October, 2012, 2257 HFMD samples sent to MKAK Sg Buloh. Out of this, 2214 samples with result, 42 still pending and one sample was rejected. A total of 515 (23.3%) virus isolated of which 337 Coxsackie A16 (65.4%), 176 EV 71 (34.2%), one Coxsackie B (0.2%) and one Herpes Simplex Type 1 (0.2%)



Appendix 1

LIST OF NOTIFIABLE DISEASES				
First Schedule (Section 2), Prevention and Control Of Infectious Diseases Act, 1988 (Act 432)				
No.	Diseases	Notification		
		24 Hours	3 Days	1 Week
1	Chancroid			√
2	Cholera	√		
3	Dengue Fever and Dengue Haemorrhagic Fever	√		
4	Diphtheria	√		
5	Dysentery (All Types)			√
6	Ebola	√		
7	Food Poisoning	√		
8	Gonococcal Infections (All Forms)			√
9	Leprosy			√
10	Malaria		√	
11	Measles	√		
12	Hand, Foot and Mouth Disease	√		
13	Plague	√		
14	Poliomyelitis, Acute	√		
15	Rabies	√		
16	Relapsing Fever			√
17	Syphilis (All Forms)			√
18	Tetanus (All Forms)			√
19	Tuberculosis (All Forms)			√
20	Typhoid & Paratyphoid Fever			√
21	Typhus & Other Rickettsioses			√
22	Viral Encephalitis			√
23	Viral Hepatitis (All Forms)			√
24	Whooping Cough			√
25	Yellow Fever	√		
26	Any Other Life Threatening Microbial Infection			√
27	AIDS / HIV			√
28	Leptospirosis			√

Notes: 1) Leptospirosis was gazetted as a notifiable disease on 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)

Appendix 2

The addresses and contact numbers of the Medical Officer of Health/Divisional Health Officers in Sarawak are listed below (as at 29th September 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 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 Adruce, 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 Adruce, 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
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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.