



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 31

29th JULY – 4th August 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

HFMD Outbreak
Cholera outbreak
Food poisoning

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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	Sibu	Rh. David, Batu 16, Jln Oya, Sibu	3	30 th July 2012
2		Kuching	MRSB, Kuching	117	1 st August 2012
3		Marudi	Ba' Pakan, Baram, Marudi	2	24 th July 2012
4		Sri Aman	Bukit Engkranji, Batu Lintang, Sri Aman	3	26 th July 2012
5			Rh. Briku, Pakit, Sri Aman	2	26 th July 2012
4	Measles	Bintulu	UPM, Bintulu	18	30 th July 2012

Summary:

The food poisoning outbreak in Sibu, Marudi and Sri Aman related to mushroom. The outbreak in MRSB Kuching related to chicken soup.

The suspected outbreak of measles in UPM Bintulu occurred among the students. The number of cases were 18, age group 17-27 years old, male 15 and Female 3. The clinical features include fever (100%), rash (100%), cough (66.7%), coryza (38.9%) and conjunctivitis (55.6%). All suspected cases were isolated in UPM. Sample taken for measles serology. Measles monovalent vaccine were given to close contact. The lab result was positive for rubella.

2.1 HFMD CLUSTERS SUMMARY

Division	Category of Cluster				Total
	Family	School	Kindergarten	Child Care Centre	
Kuching	3	0	0	0	3
Samarahan	0	0	0	0	0
Sri Aman	1	0	0	0	1
Betong	0	0	0	0	0
Sarikei	6	0	0	0	6
Mukah	0	0	0	0	0
Sibu	4	0	0	0	4
Kapit	3	0	0	0	3
Bintulu	0	0	0	0	0
Miri	5	0	0	0	5
Limbang	0	0	0	0	0
Total	22	0	0	0	22

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 31, 2012

District	***HIV/AIDS	Acute Poliomyelitis	Chancroid	Cholera	Diphtheria	*Dengue/DHF	Dysentery	Ebola	Food Poisoning	***Gonorrhoea	Hand, Foot & Mouth	**Leprosy	*Malaria	Whooping Cough	Measles	Plague	Rabies	Relapsing Fever	***Syphilis	Tetanus	**Tuberculosis (All forms)	Typhoid & Paratyphoid Fever	Typhus, Scrub	Viral Hepatitis	Viral Encephalitis	Yellow Fever	Leptospirosis
Lundu						1					1										1						
Bau											6																
Kuching	0/1					2			117	11	63				5						17						1
Samarahan											10				1												
Asajaya											1																
Simunjan											1								2								
Serian											8																
Sri Aman									5		12										5						
L/ Antu											1		1														
Betong											2		2		1												
Saratok										1	2																4
Sarikei											21		1		1						6						1
Meradong											14										0						
Pakan						1					1										1						
Julau										1	0																
Daro											2																
Matu																											
Dalat						1					1										2						
Mukah											9																
Sibu							1		3		39	1	1								2						
Kanowit						2					1		2														
Selangau													3								2						
Song													1														
Kapit										1	17		5														
Belaga						1					5		8														
Tatau											1																
Bintulu				110		1					6		4		20												
Miri						2					31		1		6						9						
Marudi									2				4								7						
Limbang										1	10		2						1								
Lawas																					5						
TOTAL (Week 29)	0/1	0	0	110	0	11	1	0	127	15	265	1	35	0	34	0	0	0	3	0	57	0	0	0	0	0	6
Total (2012)	89/49	0	0	110	0	580	6	0	1022	257	10407	33	784	3	153	0	0	0	140	1	1192	7	0	76	2	0	166
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. New case reported

Five food poisoning related to mushroom in Kuching(1), Sibu(1), Marudi(1) and Sri Aman(2) district and the other one reported from Kuching related to chicken soup. 65 cases of cholera reported in Bintulu district. Four confirmed dysentery from Sibu(1) and Sarikei(3) district and two suspected dysentery case from Sarikei district. One suspected typhoid and paratyphoid reported from Sarikei district in Epid Week 31, 2012.

4.2. Cumulative cases from Epid Week 1-31, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	8	13	1	12	3	0	0	2
Samarahan	6	8	0	1	0	0	0	0
Sri Aman	2	1	0	0	3	0	0	0
Betong	4	4	1	1	0	0	0	0
Sarikei	5	22	5	2	0	0	0	0
Sibu	4	4	1	2	0	0	0	1
Kapit	1	7	0	2	0	0	0	0
Mukah	4	1	2	2	1	0	0	0
Bintulu	2	11	0	0	0	110	0	0
Miri	7	4	0	0	0	0	0	0
Limbang	1	1	0	0	0	0	0	0
Sarawak	47	76	10	22	7	110	0	3

Note: S = Suspected; C = Confirmed

Note:

- Out of 47 food poisoning outbreak, five were related to Susu 1 Malaysia and seven were related to mushroom poisoning.
- The etiological agent for ten confirmed dysentery cases are *Enteropathogenic e coli* (Mukah and Sarikei), *Shewanella putrefaciens* (Saratok), *Shigella sp* (Dalat), *Pleiomonas shigelloidis* (Kuching), *Shigella Sonnei* (Sibu), *Salmonella* (Meradong-4).
- Out of seven confirmed typhoid cases, four are *Salmonella paratyphii* and three are *Salmonella typhii*.
- Out of 684 suspected cholera outbreak in Bintulu, 110 were confirmed cholera.

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. New case reported

There were 34 suspected measles cases reported from Kuching (5), Samarahan (1), Betong (1), Sarikei (1), Bintulu(20) and Miri (6) district.

Two pertussis reported from Sibu (1) and Kapit(1) district.

5.2. Total number of Vaccine Preventable Diseases Reported by division from Epid Week 1-31, 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	94	24	3	10	21	2	0	15	3
Samarahan	17	2	0	1	10	0	0	0	0
Sri Aman	22	3	1	0	12	2	0	0	0
Betong	9	3	0	0	1	0	0	0	0
Sarikei	45	3	0	0	28	0	0	1	0
Sibu	3	2	0	0	1	0	1	6	0
Kapit	5	0	0	0	3	0	1	2	0
Mukah	1	0	0	0		0	0	0	0
Bintulu	138	33	1	13	36	7	0	0	0
Miri	167	47	0	0	89	1	0	8	0
Limbang	19	7	0	0	5	0	0	0	0
Sarawak	520	124	5	24	206	12	2	32	3

Note: S = suspected; C = confirmed

Case Definition of measles:

Any person with

Fever and maculopapular rash and; conjunctivitis or cough or coryza

Or

Any person in whom a clinician suspects a measles infection.

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

5.2.1. Measles Elimination Programme (MEP) Achievement by Division in Epid. Week 31, 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	5	1(20.00%)	1(100.00%)	1(20.00%)
Samarahan	1	1(100.00%)	1(100.00%)	1(100.00%)
Sri Aman	0	-	-	-
Betong	1	1(100.00%)	1(100.00%)	1(100.00%)
Sarikei	1	2(200.00%)	1(50.00%)	2(200.00%)
Sibu	0	-	-	-
Kapit	0	-	-	-
Mukah	0	-	-	-
Bintulu	20	1(5.00%)	1(100.00%)	1(5.00%)
Miri	6	3(50.00%)	3(100.00%)	3(50.00%)
Limbang	0	-	-	-
Sarawak	34	10(29.41%)	9(90.00%)	10(29.41%)

Strategies of MEP:

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

5.4. Acute Flaccid Paralysis (AFP)

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

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 31, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 31, 2012.

District / Division	2012			
	EW 31		Cumulative	
	HIV	AIDS	HIV	AIDS
Lundu	0	0	0	0
Bau	0	0	1	0
Kuching	0	1	20	12
KUCHING	0	1	21	12
Samarahan	0	0	3	2
Asajaya	0	0	2	1
Simunjan	0	0	3	1
Serian	0	0	0	1
SAMARAHAN	0	0	8	5
Sri Aman	0	0	1	1
LubokAntu	0	0	0	0
SRI AMAN	0	0	1	1
Betong	0	0	0	0
Saratok	0	0	0	0
BETONG	0	0	0	0
Sarikei	0	0	1	1
Meradong	0	0	0	0
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	0	0	1	1
Daro	0	0	0	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	1	0
MUKAH	0	0	1	0
Sibu	0	0	9	7
Kanowit	0	0	1	0
Selangau	0	0	0	0
SIBU	0	0	10	7
Song	0	0	0	0
Kapit	0	0	0	1
Belaga	0	0	0	0
KAPIT	0	0	0	1
Tatau	0	0	0	0
Bintulu	0	0	2	2
BINTULU	0	0	2	2
Miri	0	0	12	4
Marudi	0	0	0	0
MIRI	0	0	12	4
Limbang	0	0	2	3
Lawas	0	0	2	1
LIMBANG	0	0	4	4
Sarawak	0	1	83	46

EW = Epid. Week; Cum. = Cumulative figure

6.2 HIV/AIDS Patient Classification Notified in Epid. Week 31 and Cumulative from Epid. Week 1 until Epid. Week 31, 2012

District / Division	2012					
	Children		Women		Foreigner	
	EW 31	Cum.	EW 31	Cum.	EW 31	Cum.
Lundu	0	0	0	0	0	0
Bau	0	0	0	0	0	0
Kuching	0	0	0	2	0	0
KUCHING	0	0	0	2	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
LubokAntu	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	5	0	1

No HIV case reported and one AIDS cases reported from Kuching(1) district in Epid Week 31,2012.

3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 31, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid.Week 31, 2012.

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 31	Cum.	EW 31	Cum.
Lundu	0	4	0	3
Bau	0	7	0	2
Kuching	11	110	0	50
KUCHING	11	121	0	55
Samarahan	0	14	0	11
Asajaya	0	11	0	5
Simunjan	0	5	2	4
Serian	0	6	0	1
SAMARAHAN	0	36	2	21
Sri Aman	0	3	0	13
LubokAntu	0	1	0	4
SRI AMAN	0	4	0	17
Betong	0	1	0	1
Saratok	1	1	0	0
BETONG	1	2	0	1
Sarikei	0	2	0	1
Meradong	0	2	0	0
Pakan	0	0	0	0
Julau	1	1	0	1
SARIKEI	1	5	0	2
Daro	0	4	0	1
Matu	0	8	0	0
Dalat	0	0	0	0
Mukah	0	5	0	3
MUKAH	0	17	0	4
Sibu	0	30	0	23
Kanowit	0	0	0	0
Selangau	0	2	0	1
SIBU	0	32	0	24
Song	0	0	0	0
Kapit	1	2	0	1
Belaga	0	0	0	0
KAPIT	1	2	0	1
Tatau	0	0	0	0
Bintulu	0	4	0	4
BINTULU	0	4	0	4
Miri	0	17	0	6
Marudi	0	2	0	1
MIRI	0	19	0	7
Limbang	1	4	1	3
Lawas	0	2	0	1
LIMBANG	1	6	1	4
Sarawak	15	248	3	140

Gonorrhoea

15 cases reported in Epid Week 31, 2012 from Kuching(11), Saratok(1), Julau(1), Kapit(1) and Limbang(1) district.

Syphilis

Three cases reported in Epid Week 31 from Simunjan(2) and Limbang(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 31, 2012 compared to Epid. Week 31, 2011 and cumulative cases until Epid. Week 31, 2012.

District / Division	2012		2011		Total
	EW 31	Cum.	EW 31	Cum.	
Lundu	1	18	0	13	22
Bau	0	27	2	27	42
Kuching	17	251	6	202	365
KUCHING	18	296	8	242	429
Samarahan	0	14	2	25	46
Asajaya	0	5	2	14	29
Simunjan	0	22	0	22	37
Serian	0	20	1	33	61
SAMARAHAN	0	61	5	94	173
Sri Aman	5	36	0	26	58
LubokAntu	0	20	0	31	49
SRI AMAN	5	56	0	57	107
Betong	0	25	1	29	43
Saratok	0	30	0	31	55
BETONG	0	55	1	60	98
Sarikei	6	29	2	32	51
Meradong	0	26	2	16	29
Pakan	1	10	0	14	22
Julau	0	11	0	12	22
SARIKEI	7	76	4	74	124
Daro	0	10	0	17	27
Matu	0	1	0	2	4
Dalat	2	5	0	9	14
Mukah	0	29	0	25	44
MUKAH	2	45	0	53	89
Sibu	2	126	4	98	175
Kanowit	0	23	1	17	42
Selangau	2	21	1	23	32
SIBU	4	170	6	138	249
Song	0	10	0	12	23
Kapit	0	32	1	29	60
Belaga	0	19	1	30	40
KAPIT	0	61	2	71	123
Tatau	0	22	1	28	43
Bintulu	0	84	4	117	187
BINTULU	0	106	5	145	230
Miri	9	180	6	190	306
Marudi	7	39	1	43	61
MIRI	16	219	7	233	367
Limbang	0	28	0	27	42
Lawas	3	19	0	15	24
LIMBANG	3	47	0	42	66
Sarawak	55	1192	38	1209	2055

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 31, 2012 compared to Epid. Week 31, 2011 and cumulative cases until Epid. Week 31, 2012.

District / Division	2012		2011		Total
	EW 31	Cum.	EW 31	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	1	3
KUCHING	0	0	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	0	0	0	0
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	3	0	0	1
MUKAH	0	3	0	0	1
Sibu	1	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	17	0	0	9
Limbang	0	1	0	3	4
Lawas	0	0	0	0	0
LIMBANG	0	1	0	4	4
Sarawak	1	33	0	10	25

7.3 Notified Tuberculosis (all forms) Case Classification as on 4th August 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 31	Cum.	EW 31	Cum.	EW 31	Cum.
Lundu	1	12	0	2	0	4
Bau	0	22	0	5	0	0
Kuching	14	154	2	73	1	24
KUCHING	15	188	2	80	1	28
Samarahan	0	13	0	0	0	1
Asajaya	0	1	0	2	0	2
Simunjan	0	18	0	3	0	1
Serian	0	16	0	2	0	2
SAMARAHAN	0	48	0	7	0	6
Sri Aman	4	26	1	6	0	4
LubokAntu	0	17	0	2	0	1
SRI AMAN	4	43	1	8	0	5
Betong	0	20	0	1	0	4
Saratok	0	26	0	3	0	1
BETONG	0	46	0	4	0	5
Sarikei	2	17	3	5	1	7
Meradong	0	15	0	11	0	0
Pakan	1	4	0	5	0	1
Julau	0	6	0	5	0	0
SARIKEI	3	42	3	26	1	8
Daro	0	8	0	2	0	0
Matu	0	1	0	0	0	0
Dalat	2	5	0	0	0	0
Mukah	0	21	0	5	0	3
MUKAH	2	35	0	7	0	3
Sibu	2	83	0	26	0	17
Kanowit	0	14	0	4	0	5
Selangau	2	13	0	3	0	5
SIBU	4	110	0	33	0	27
Song	0	6	0	3	0	1
Kapit	0	17	0	7	0	8
Belaga	0	12	0	1	0	6
KAPIT	0	35	0	11	0	15
Tatau	0	13	0	8	0	1
Bintulu	0	49	0	31	0	4
BINTULU	0	62	0	39	0	5
Miri	8	132	1	34	0	14
Marudi	3	23	2	10	2	6
MIRI	11	155	3	44	2	20
Limbang	0	25	0	2	0	1
Lawas	2	12	0	1	1	6
LIMBANG	2	37	0	3	1	7
Sarawak	41	801	9	262	5	129

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

55 cases were reported in Epid Week 31,2012. As on 4th August 2012, the cumulative is 1192.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 4th August 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 31	Cum.	*Exposed		*Not exposed		EW 31	Cum.	EW 31	Cum.	EW 31	Cum.
			EW 31	Cum.	EW 31	Cum.						
Lundu	0	0	0	0	0	0	0	0	0	1	0	0
Bau	0	0	0	0	0	0	0	0	0	0	0	0
Kuching	0	2	0	3	0	0	0	2	0	11	0	0
KUCHING	0	2	0	3	0	0	0	2	0	12	0	0
Samarahan	0	0	0	0	0	0	0	0	0	1	0	0
Asajaya	0	0	0	0	0	0	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0	0	0	0	2	0	0
Serian	0	2	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	0	2	0	0	0	0	0	0	0	3	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	0	0	0
LubokAntu	0	1	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	1	0	0	0	0	0	0	0	0	0	0
Betong	0	0	0	0	0	0	0	0	0	9	0	0
Saratok	0	0	0	0	0	0	0	0	0	0	0	0
BETONG	0	0	0	0	0	0	0	0	0	9	0	0
Sarikei	0	0	0	0	0	0	0	0	0	2	0	0
Meradong	0	2	0	0	0	0	0	0	0	0	0	0
Pakan	0	0	0	0	0	0	0	0	0	0	0	0
Julau	0	0	0	0	0	0	0	0	0	0	0	0
SARIKEI	0	2	0	0	0	0	0	0	0	2	0	0
Daro	0	0	0	0	0	0	0	0	0	2	0	0
Matu	0	0	0	0	0	0	0	0	0	1	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	5	0	0
Sibu	0	6	0	2	0	0	0	1	0	3	0	0
Kanowit	0	0	0	0	0	0	0	0	0	1	0	0
Selangau	0	3	0	0	0	0	0	0	0	3	0	0
SIBU	0	9	0	1	0	0	0	1	0	7	0	0
Song	0	0	0	0	0	0	0	0	0	0	0	0
Kapit	0	4	0	0	0	0	0	0	0	0	0	0
Belaga	0	1	0	1	0	0	0	0	0	0	0	0
KAPIT	0	5	0	1	0	0	0	0	0	0	0	0
Tatau	0	0	0	0	0	0	0	0	0	16	0	0
Bintulu	1	7	0	0	0	0	0	0	0	14	0	0
BINTULU	1	7	0	0	0	0	0	0	0	30	0	0
Miri	0	2	0	2	0	0	0	1	0	13	0	0
Marudi	0	4	0	0	0	0	0	0	0	2	0	0
MIRI	0	6	0	2	0	0	0	1	0	15	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	0	36	0	9	0	0	0	4	0	82	0	0

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

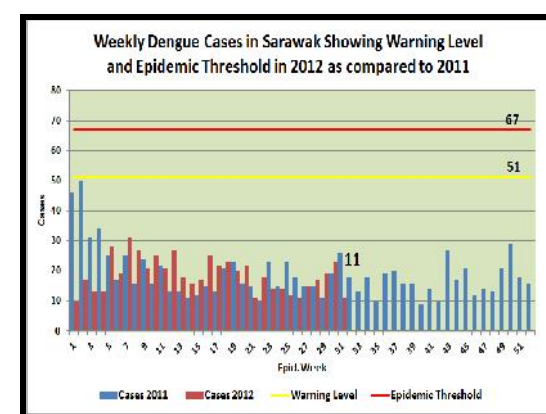
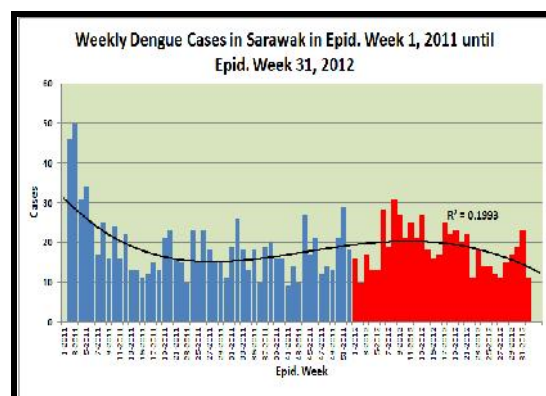
* Possibility of exposed or not exposed to TB patient

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 31, 2012 compared to Epid. Week 31, 2011 and cumulative cases until Epid. Week 31, 2012.

District	2012		2011		Total
	EW 31	Cum.	EW 31	Cum.	
Lundu	1	8	0	7	10
Bau	0	13	0	18	36
Kuching	2	87	5	73	106
Samarahan	0	27	1	14	21
Asajaya	0	4	0	4	4
Serian	0	8	0	11	18
Simunjan	0	11	0	9	19
Sri Aman	0	21	2	31	56
Lubok Antu	0	8	0	15	23
Betong	0	28	0	10	13
Saratok	0	16	0	4	11
Sarikei	0	21	1	14	28
Meradong	0	13	0	10	14
Pakan	1	21	1	11	23
Julau	0	10	1	10	17
Daro	0	3	0	6	6
Matu	0	0	0	1	1
Dalat	1	7	0	2	3
Mukah	0	5	0	4	5
Sibu	0	28	1	52	75
Kanowit	2	7	1	20	31
Selangau	0	4	1	7	10
Song	0	8	0	9	10
Kapit	0	30	1	25	32
Belaga	1	11	1	16	27
Tatau	0	21	0	27	47
Bintulu	1	35	4	81	100
Miri	2	83	5	76	134
Marudi	0	24	0	37	59
Limbang	0	9	1	14	20
Lawas	0	9	0	5	15
Sarawak	11	580	26	623	974



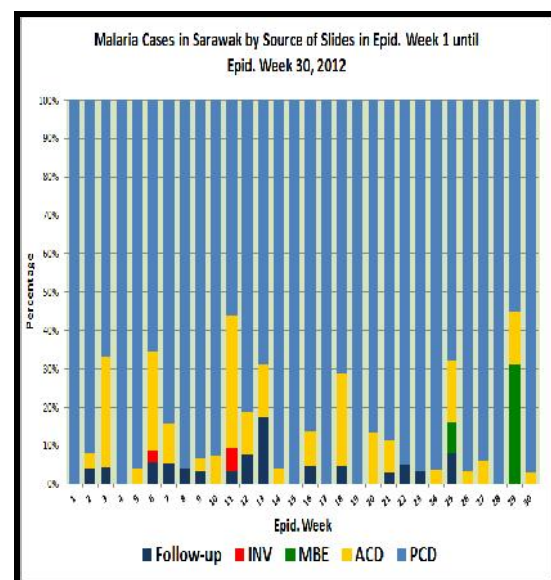
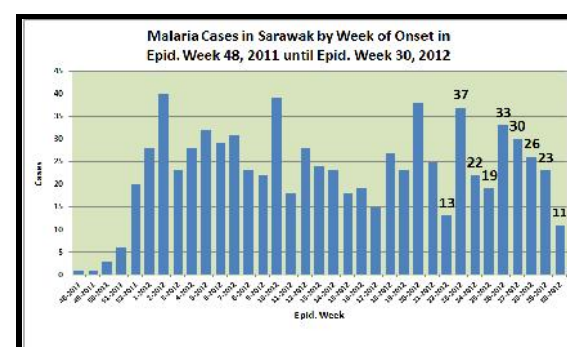
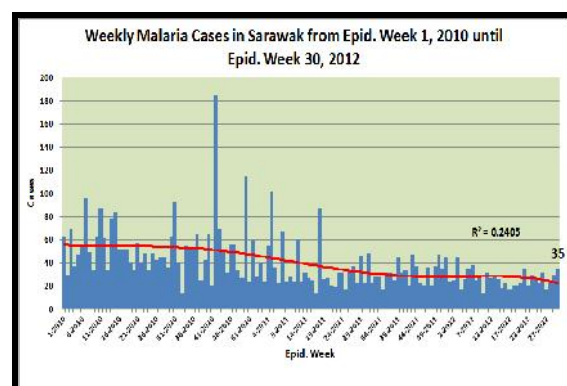
In 2012, a total of 11 dengue cases were reported for Week 31 (04th August, 2012) as compared to 26 cases during the same period in 2011. There a decreased of 12 cases from the previous week (Week 30,2012).

Two (2) outbreak locality are still active reported, both in Julau.

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 30, 2012 compared to Epid. Week 30, 2011 and cumulative cases until Epid. Week 30 in 2012.

District	2012		2011		Total
	EW 30	Cum.	EW 30	Cum.	
Lundu	0	9	0	22	33
Bau	0	0	0	3	5
Kuching	0	16	0	12	23
Samarahan	0	3	0	2	3
Asajaya	0	0	0	0	1
Serian	0	3	1	16	21
Simunjan	0	2	0	2	2
Sri Aman	0	10	0	7	17
Lubok Antu	1	20	0	12	25
Betong	2	32	5	22	47
Saratok	0	12	0	1	3
Sarikei	1	12	0	14	16
Meradong	0	2	0	8	9
Pakan	0	28	1	13	29
Julau	0	39	1	41	69
Daro	0	3	0	1	2
Matu	0	1	0	0	2
Dalat	0	3	1	6	10
Mukah	0	2	0	2	2
Sibu	1	43	2	26	52
Kanowit	2	37	0	53	89
Selangau	3	17	1	7	16
Song	1	43	0	30	78
Kapit	5	111	3	122	230
Belaga	8	62	2	81	139
Tatau	0	13	0	19	34
Bintulu	4	16	0	26	39
Miri	1	20	0	19	40
Marudi	4	169	5	451	670
Limbang	2	17	0	11	21
Lawas	0	39	0	24	34
Sarawak	35	784	22	1053	1761



A total of 35 cases were reported on week 30, 2012. Cumulative cases till week 30 were 784 cases. Of the 784 cases, 169 cases (21%) from Marudi District, 111 cases (14%) from Kapit District and 62 cases (8%) 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 30	Cum.
Passive Case Detection (PCD)	34	674
Active Case Detection (ACD)	1	72
Investigation slides (INV)	0	3
Mass Blood Survey (MBS)	0	11
Follow-up	0	24
Total	35	784

8.2.2. Malaria cases by species

Species	2012	
	EW 30	Cum.
<i>P. vivax</i>	15	263
<i>P. falciparum</i>	1	43
<i>P. malariae</i>	1	5
<i>P. knowlesi</i>	17	466
<i>P. ovale</i>	0	4
Mixed	1	3
Total	35	784

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 30	Cum.
Indigenous	26	623
*Imported A	8	124
Relapsed	1	37
Congenital	0	0
Total	35	784

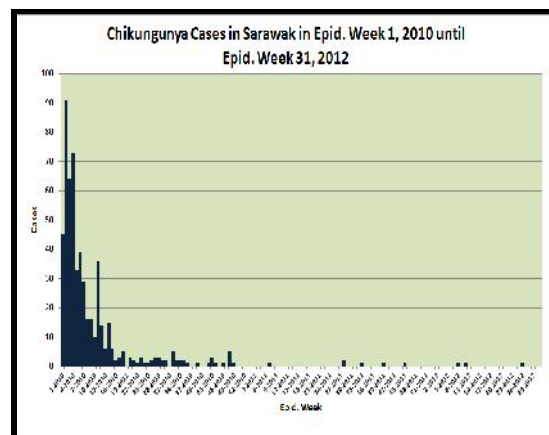
8.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Species
1	Bintulu	KKB Kinmas Invesment Limited, PNG	Malaysian	56	Male	<i>P. Vivax</i>
2	Bintulu	KKB Samling Company, Myanmar	Malaysian	44	Male	<i>P. Malariae</i>
3	Bintulu	KKB Kinmas Investment Limited, PNG	Malaysian	31	Male	<i>P. Vivax</i>
4	Kapit	KKB Kevin, PNG	Malaysian	50	Male	<i>P. Vivax</i>
5	Kapit	KKB Asia, Congo, Afrika	Malaysian	48	Male	<i>P. Falciparum</i>
6	Selangau	KKB Maju Timber, PNG	Malaysian	29	Male	<i>P. Vivax</i>
7	Selangau	KKB Maju Timber, PNG	Malaysian	52	Male	<i>P. Vivax</i>
8	Sarikei	Papua New guinea	Malaysian	41	Male	<i>P. Vivax</i>

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 31, 2012 compared to Epid. Week 31, 2011 and cumulative cases until Epid. Week 31 in 2012.

District	2012		2011		Total
	EW 31	Cum.	EW 31	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	1	1
Samarahan	0	0	0	0	0
Asajaya	0	1	0	0	1
Serian	0	0	0	1	1
Simunjan	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Pakan	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	1
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	0	0	0
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
Song	0	1	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	0	0
Tatau	0	0	0	0	0
Bintulu	0	0	0	0	0
Miri	0	0	0	0	0
Marudi	0	0	0	0	1
Limbang	0	0	0	0	0
Lawas	0	0	0	0	0
Sarawak	0	3	0	3	6



Chikungunya

No case of Chikungunya was reported in week 31, 2012. During the same period in 2011, no case was reported. The cumulative case of Chikungunya for 2012 is remain as 3.

EW = Epid. Week; Cum. = Cumulative figure

8.4. Filariasis

One (1) case of Filariasis was reported in week 31, 2012. During the same period in 2011, 1 case was reported. The cumulative case of Filariasis for 2012 is 11 cases.

8.5 Japanese Encephalitis (JE)

No case reported. During the same period in 2011, no case was reported. The cumulative cases of Japanese Encephalitis for 2012 are 4.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No case reported. As at 4th August 2012, only one case of Viral Encephalitis reported.

9.2. Viral Hepatitis (all form)

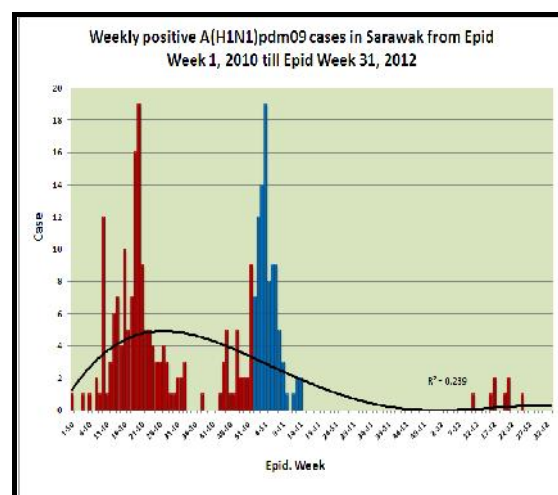
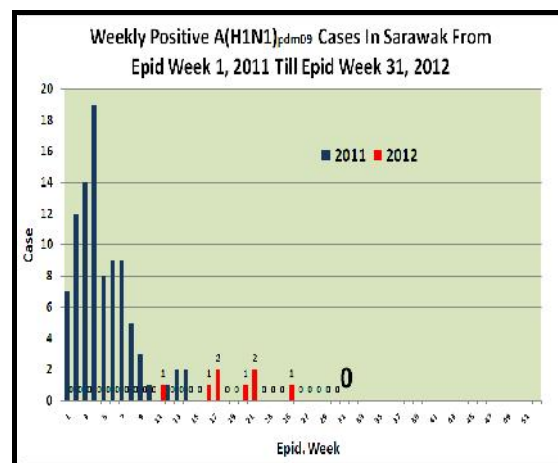
No case reported. As at 4th August 2012, out of 72 cases reported, two are Hepatitis A, 15 Acute Hepatitis B, 37 Chronic Hepatitis B, seven Acute Hepatitis C and 22 Chronic Hepatitis C .

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 31, 2012 compared to Epid. Week 31, 2011 and cumulative cases until Epid. Week 31 in 2012.

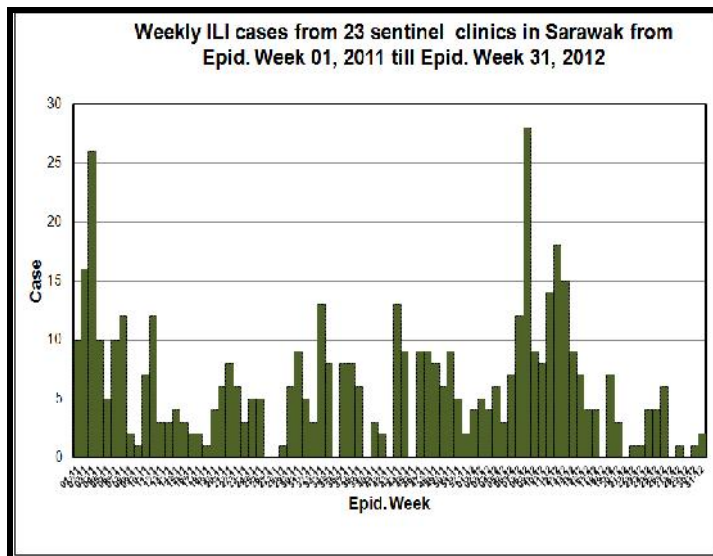
District	2012		2011		Total
	EW 31	Cum.	EW 31	Cum.	
Lundu	0	0	0	2	2
Bau	0	0	0	0	0
Kuching	0	2	0	51	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	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 31, 2012. Total positive cases in 2012 remain as eight.

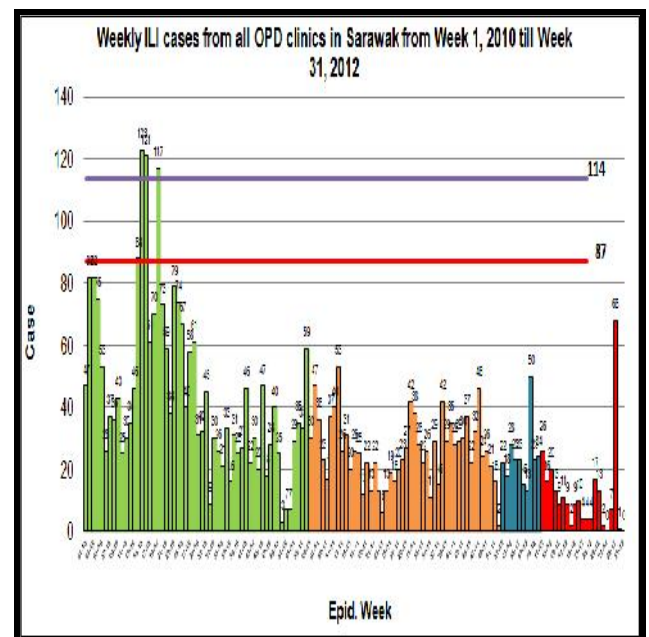
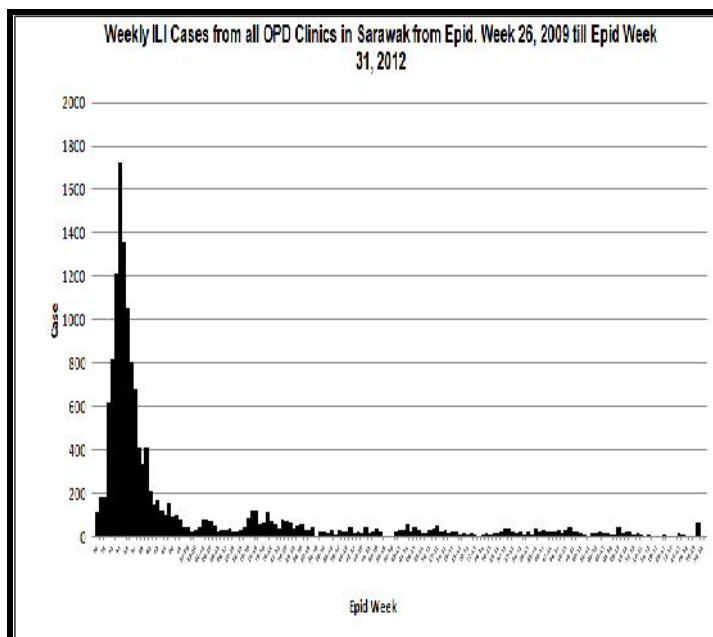
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2010 till Epid. Week 31 in 2012.



In Epid. Week 31, 2012, two case of ILI reported from 22 Sentinel clinics and no 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).

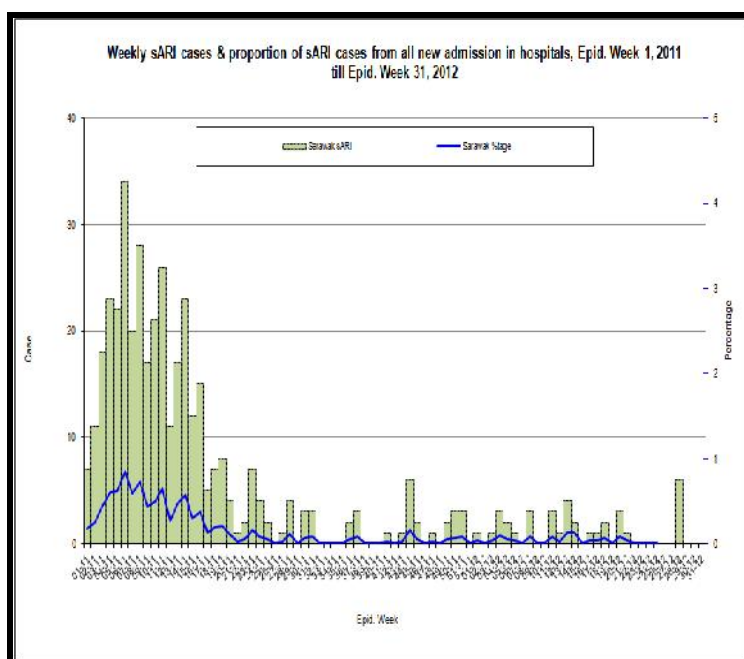


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 28th July 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 4th August 2012.

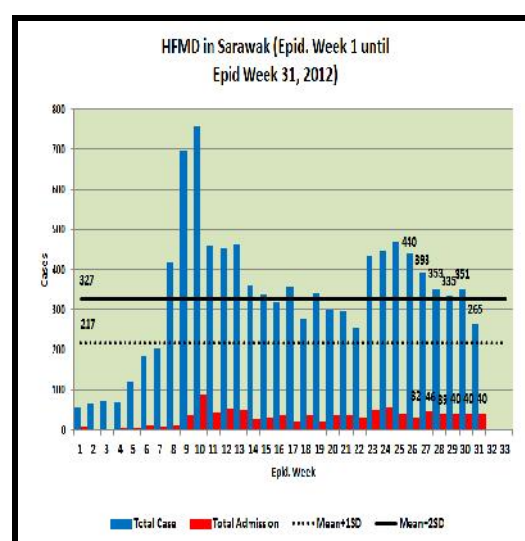
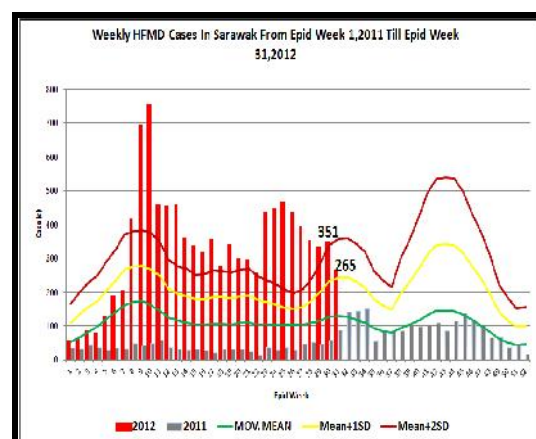
Division	Hospital	New EW 31	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	0	37	0	0	0	0	0	0	0
	Bau	0	1	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
	Sentosa	0	0	0	0	0	0	0	0	0
Samarahan	Serian	0	0	0	0	0	0	0	0	0
	Simunjan	0	0	0	0	0	0	0	0	0
Sri Aman	Sri Aman	0	0	0	0	0	0	0	0	0
Betong	Betong	0	0	0	0	0	0	0	0	0
	Saratok	0	0	0	0	0	0	0	0	0
Sarikei	Sarikei	0	0	0	0	0	0	0	0	0
Sibu	Sibu	0	1	0	0	0	0	0	0	0
	Kanowit	0	0	0	0	0	0	0	0	0
Mukah	Mukah	0	0	0	0	0	0	0	0	0
	Dalat	0	0	0	0	0	0	0	0	0
	Daro	0	0	0	0	0	0	0	0	0
Kapit	Kapit	0	0	0	0	0	0	0	0	0
Bintulu	Bintulu	2	38	0	0	2	0	0	2	0
Miri	Miri	0	1	0	0	0	0	0	0	0
	Marudi	0	0	0	0	0	0	0	0	0
Limbang	Limbang	0	0	0	0	0	0	0	0	0
	Lawas	0	0	0	0	0	0	0	0	0
Total		2	78	0	0	0	0	0	0	0

EW = Epid. Week; Cum. = Cumulative figure

Two sARI cases reported in Epid Week 31, 2012 from Bintulu Hospital.

10.2. Notified HFMD (masterlist) cases for Epid. Week 31, 2012 compared to Epid. Week 31, 2011 and cumulative cases in Epid. Week 31, 2011.

District / Division	2012		2011		Total
	EW 31	Cum.	EW 31	Cum.	
Lundu	1	212	2	14	31
Bau	6	305	3	25	149
Kuching	63	2928	9	196	602
KUCHING	70	3445	14	235	782
Samarahan	10	582	2	39	127
Asajaya	1	71	4	24	35
Simunjan	1	175	0	2	19
Serian	8	584	3	9	39
SAMARAHAN	20	1412	9	74	220
Sri Aman	12	397	7	47	97
Lubok Antu	1	76	0	7	18
SRI AMAN	13	473	7	54	115
Betong	2	285	0	29	57
Saratok	2	187	1	24	37
BETONG	4	472	1	53	94
Sarikei	21	412	8	96	188
Meradong	14	123	7	38	73
Pakan	1	70	0	4	7
Julau	0	118	0	3	32
SARIKEI	36	723	15	141	300
Daro	2	92	0	0	7
Matu	0	72	0	0	4
Dalat	1	102	0	16	84
Mukah	9	141	0	35	42
MUKAH	12	407	0	51	137
Sibu	39	580	1	58	149
Kanowit	1	42	2	19	6
Selangau	0	26	0	4	22
SIBU	40	648	3	81	177
Song	0	33	0	10	12
Kapit	17	352	0	49	64
Belaga	5	86	0	6	55
KAPIT	22	471	0	65	131
Tatau	1	94	1	19	25
Bintulu	6	737	26	216	25
BINTULU	7	831	27	235	772
Miri	31	934	6	129	324
Marudi	0	90	0	39	49
MIRI	31	1024	6	168	373
Limbang	10	410	0	8	65
Lawas	0	91	0	1	4
LIMBANG	10	501	0	9	69
SARAWAK	265	10407	82	1166	3170



A total of 265 HFMD cases reported in Epid. Week 31, 2012 compared to only 82 cases during the same period in 2011.

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

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

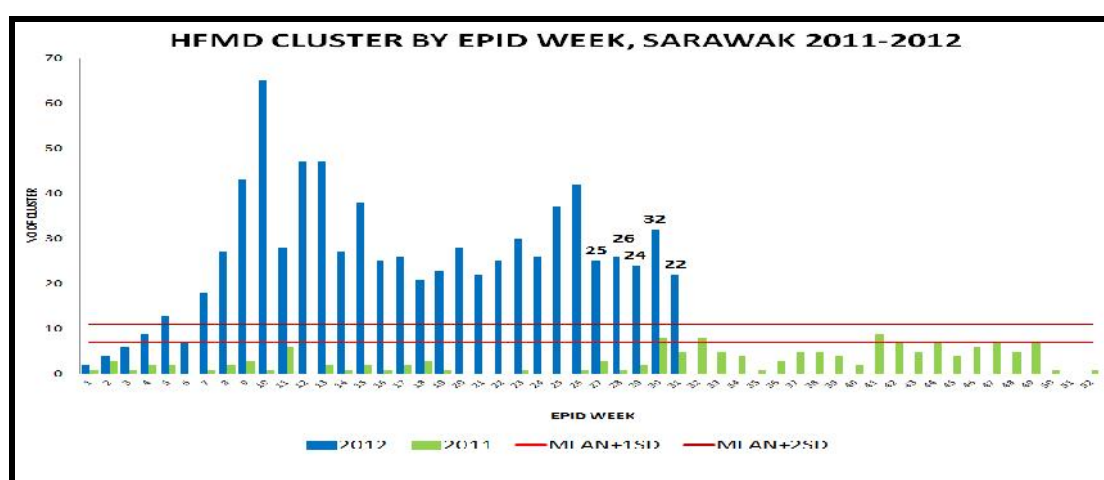
EW = Epid. Week; Cum. = Cumulative figure

10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 4th August 2012.

District	Masterlist		Registered Case		Back Log	
	EW 31	Total	EW 31	Total	EW 31	Total
Kuching	63	2928	21	2886	42	42
Bau	6	305	0	299	6	6
Lundu	1	212	1	212	0	0
KUCHING	70	3445	22	3397	48	48
Samarahan	10	582	0	529	10	53
Asajaya	1	71	1	71	0	0
Simunjan	1	175	0	137	1	38
Serian	8	584	6	582	2	2
SAMARAHAN	20	1412	7	1319	13	93
Sri Aman	12	397	5	390	7	7
Lubok Antu	1	76	0	73	1	3
SRI AMAN	13	473	5	463	8	10
Betong	2	285	0	275	2	10
Saratok	2	187	0	185	2	2
BETONG	4	472	0	460	4	12
Sarikei	21	412	0	340	21	72
Meradong	14	123	0	107	14	16
Pakan	1	70	0	69	1	1
Julau	0	118	0	104	0	14
SARIKEI	36	723	0	620	36	103
Daro	2	92	0	89	2	3
Matu	0	72	0	24	0	48
Mukah	9	141	0	132	9	9
Dalat	1	102	0	70	1	32
MUKAH	12	407	0	315	12	92
Sibu	39	580	39	580	0	0
Selangau	0	26	0	26	0	0
Kanowit	1	42	0	27	1	15
SIBU	40	648	39	633	1	15
Kapit	17	352	0	170	17	182
Song	0	33	0	33	0	0
Belaga	5	86	0	70	5	16
KAPIT	22	471	0	273	22	198
Bintulu	6	737	6	737	0	0
Tatau	1	94	1	94	0	0
BINTULU	7	831	7	831	0	0
Miri	31	934	0	831	31	103
Marudi	0	90	0	46	0	44
MIRI	31	1024	0	877	31	147
Limbang	10	410	10	410	0	0
Lawas	0	91	0	78	0	13
LIMBANG	10	501	10	488	0	13
SARAWAK	265	10407	90	9676	175	731

10.2.2. HFMD Clusters and closure

Division	Cluster		Closure	
	EW31	Cum	EW31	Cum
Kuching	3	306	0	59
Samarahan	0	89	0	14
Sri Aman	1	11	0	0
Betong	0	39	0	10
Sarikei	6	91	0	27
Mukah	0	34	0	7
Sibu	3	46	0	0
Kapit	3	18	0	0
Bintulu	1	42	0	8
Miri	5	73	0	2
Limbang	0	71	1	6
Sarawak	22	820	1	133



10.3. Notified Leptospirosis cases for Epid. Week 31, 2012 compared to Epid. Week 31, 2011 and cumulative cases till Epid. Week 31 in 2012.

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (31) 2012	EW (31) 2011	EW (31) 2012	EW (31) 2011			
Lundu	0	0	0	0	3	7	0
Bau	0	0	0	0	5 (1)	4 (1)	1
Kuching	0	0	1	1	51 (1)	40 (2)	12
KUCHING	0	0	1	1	59 (2)	51 (3)	13
Samarahan	0	0	0	0	5	3	1
Asajaya	0	0	0	0	0	3	0
Simunjan	0	0	0	0	4	8 (1)	1
Serian	0	0	0	0	2	10 (2)	2
SAMARAHAN	0	0	0	0	11	24 (2)	4
Sri Aman	0	0	0	3	8	13 (2)	1
Lubok Antu	0	0	0	0	11	11	3 (1)
SRI AMAN	0	0	0	3	19	24 (2)	4 (1)
Betong	0	0	0	2	6	5 (1)	0
Saratok	0	0	4	0	4	5	0
BETONG	0	0	4	2	10	10 (1)	0
Sarikei	1	0	0	0	3	1	1
Meradong	0	0	0	0	2	24	1
Pakan	0	0	0	0	2	3	1
Julau	0	0	0	0	1	0	1
SARIKEI	1	0	0	0	8	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	1 (1)	4	1
Selangau	0	0	0	0	2	3	0
SIBU	0	0	0	0	4	9	7
Song	0	0	0	0	1	1	2
Kapit	0	0	0	0	23	12	1
Belaga	0	0	0	0	3	7 (1)	0
KAPIT	0	0	0	0	27	20 (1)	3
Tatau	0	0	0	0	2	1	0
Bintulu	0	0	0	0	6	11 (3)	6
BINTULU	0	0	0	0	8	12 (3)	6
Miri	0	0	0	0	4	12	3
Marudi	0	0	0	0	3	2	2
MIRI	0	0	0	0	7	14	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	1	0	5	6	166 (4)	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

10.3.1 Locality of Leptospirosis Cluster in Sarawak Epid. Week 1 until Epid. Week 31, 2012

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

10.4. Notified Melioidosis cases for Epid. Week 31, 2011 compared to Epid. Week 31, 2011 and cumulative cases until Epid. Week 31, 2012

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (31) 2012	EW (31) 2011	EW (31) 2012	EW (31) 2011			
Lundu	0	0	0	0	0	0	0
Bau	0	0	0	0	0	1	0
Kuching	0	0	0	0	1	4	12 (1)
KUCHING	0	0	0	0	1	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
Itakan	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	1	0	1	0	1
Mukah	0	0	0	0	0	2	3 (1)
MUKAH	0	0	1	0	1	2	4 (1)
Sibu	0	0	0	0	0	1	5 (1)
Kanowit	0	0	0	0	0	1	1
Selangau	0	0	0	0	1 (1)	4	6 (2)
SIBU	0	0	0	0	1	6	12 (3)
Song	0	0	0	1	0	1	7 (2)
Kapit	2	0	0	23	2	62 (3)	162 (1)
Belaga	1	0	0	0	0	21 (4)	28 (1)
KAPIT	3	0	0	24	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	1	7 (2)	35 (1)
Marudi	0	0	0	0	0	1	7
MIRI	0	0	0	0	1	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	3	0	1	24	7 (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

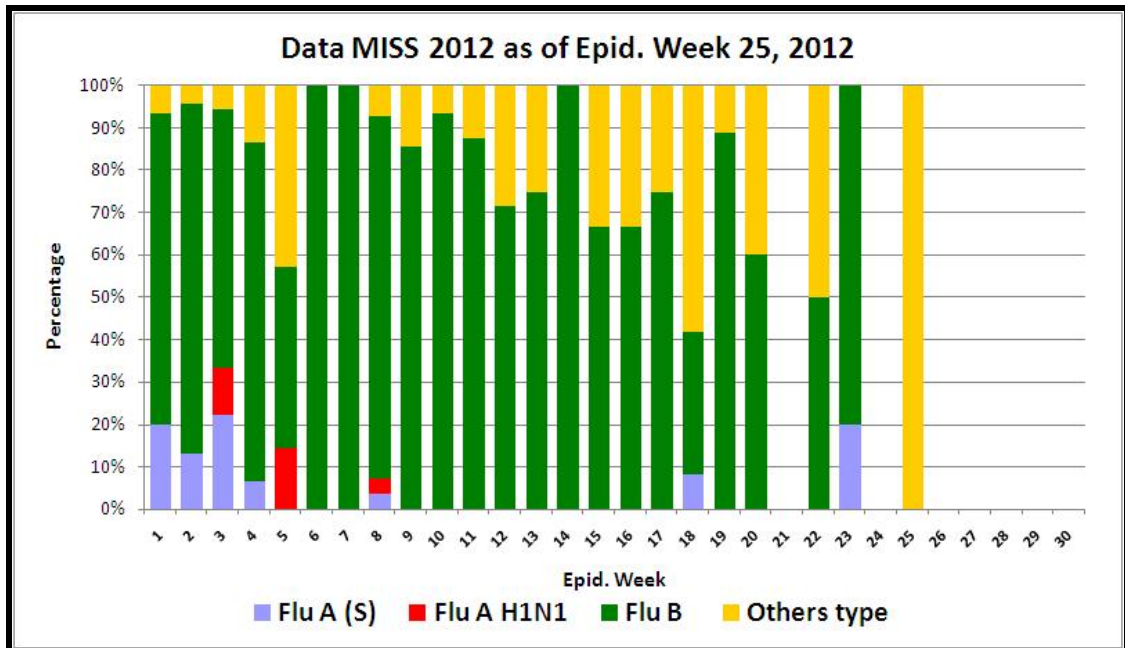
Note

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

® Hospital indicate facility where patient admitted

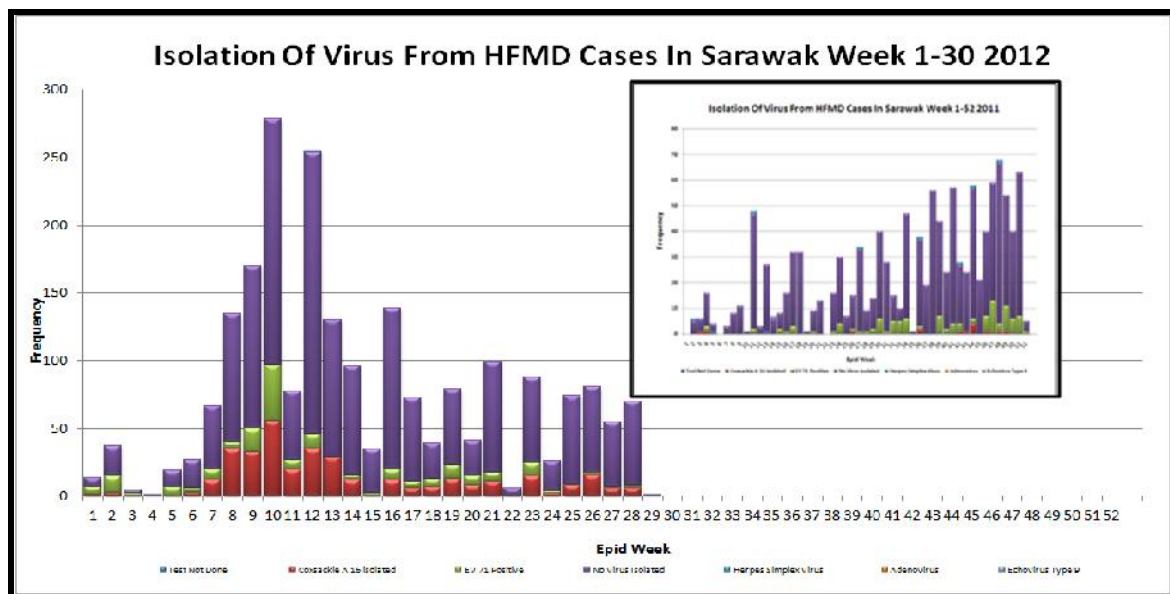
11. LABORATORY BASED SURVEILLANCE

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

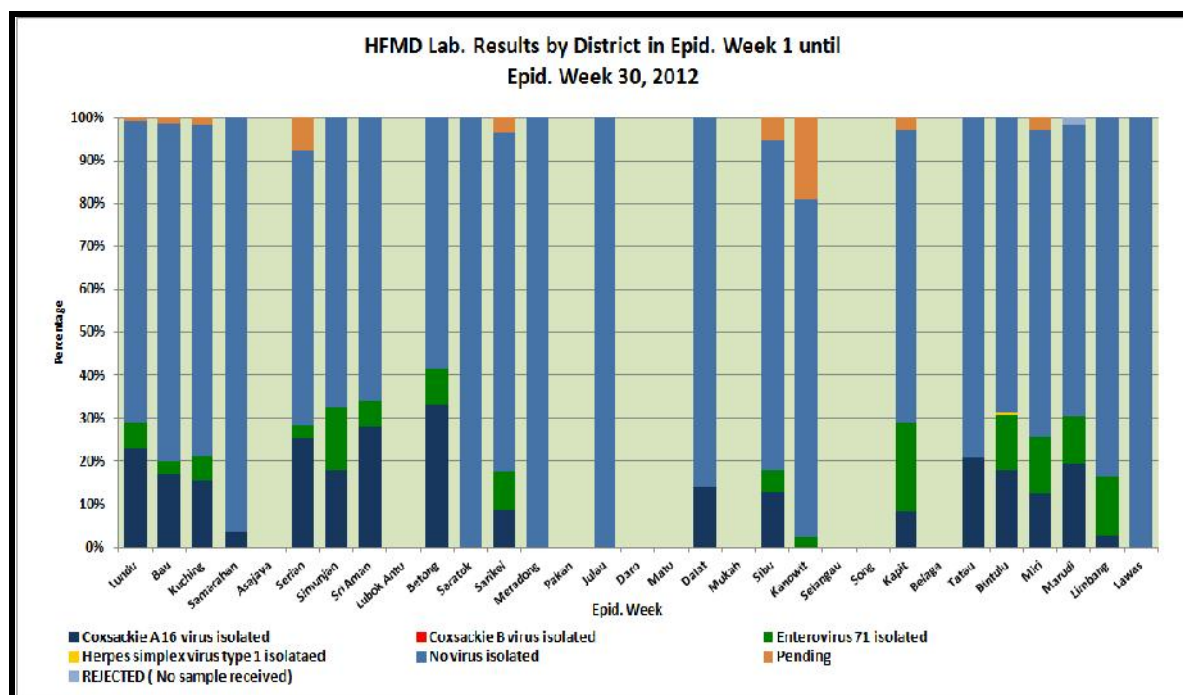


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

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



As of 4th August, 2012, 2257 HFMD samples sent to MKAK Sg Buloh. Out of this, 2214 samples with result, 42 still pending and one sample was rejected. A total of 515 (23.3%) virus isolated of which 337 Coxsackie A16 (65.4%), 176 EV 71 (34.2%), one Coxsackie B (0.2%) and one Herpes Simplex Type 1 (0.2%)



Appendix 1

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

Notes: 1) Leptospirosis was gazetted as a notifiable disease on 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 4th August 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 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
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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.