



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 30

22nd JULY – 28th JULY

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

HFMD Outbreak
Cholera outbreak
Food poisoning

INSIDE

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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	Miri	Kolej Tun Datu Tuanku Hj. Bujang, Miri	10	25 th July 2012
2		Julau	Rh. Chat, Ng. Bilat	3	28 th July 2012
3		Selangau	Rh. Kasim, Pekan Selangau, Sibu	2	27 th July 2012
4		Selangau	Rh. Saran, Sg. Aping, Selangau, Sibu	7	28 th July 2012
5		Marudi	Lot 1259, Kg. Pemindahan Marudi	2	28 th July 2012
6	Dengue	Julau	Rh. Saong, Sg. Strass	2	28 th July 2012
7	Malaria	Belaga	Penempatan Sementara Lg. Luar(Tr. Madai Salok)	2	24 th July 2012

Summary:

Food poisoning in Julau (1) and Selangau (2) were related to mushroom poisoning. The outbreak in Miri was related to 'telur masak kicap'. In Marudi district, no suspected food related to this outbreak, there was a possibility of AGE outbreak in this area.

2.1 HFMD CLUSTERS SUMMARY

Division	Category of Cluster				Total
	Family	School	Kindergarten	Child Care Centre	
Kuching	15	0	0	0	15
Samarahan	2	0	0	0	2
Sri Aman	1	0	0	0	1
Betong	1	0	0	0	1
Sarikei	3	1	0	0	4
Mukah	0	0	1	0	1
Sibu	0	0	0	0	0
Kapit	3	0	0	0	3
Bintulu	0	0	0	0	0
Miri	1	0	0	0	1
Limbang	1	1	2	0	4
Total	27	2	3	0	32

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 30, 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					2				1						1						1
Bau											9										5						1
Kuching	3/3					4				9	85		2						4		18						2
Samarahan	1/0									1	13				1				1		1						
Asajaya						1				1	2								1								
Simunjan											2										2						
Serian	1/0										17										1						
Sri Aman										1	18		2		1												
L/ Antu											4																
Betong						1				1	9				1						8						1
Saratok											8										1						
Sarikei											28				2												
Meradong						1					8										3						
Pakan						3															3						
Julau						3			3				2								1						
Daro						1					5																
Matu											2																
Dalat											3																
Mukah											12										1						
Sibu	1/0										28		1						1		16						
Kanowit													1														
Selangau									9																		
Song													2														
Kapit						2					11		3						1		8						
Belaga						2					19		12														
Tatau											2		1														
Bintulu				45		2					10				1												
Miri						1			10		29		1		3						15						1
Marudi						1			2		9	1	1														
Limbang											16								1		1						
Lawas													1														
TOTAL (Week 29)	6/3	0	0	45	0	23	0	0	24	13	351	1	29	0	10	0	0	0	9	0	85	0	0	0	0	0	6
Total (2012)	89/48	0	0	45	0	546	5	0	885	246	10142	32	749	3	152	0	0	0	138	1	1137	7	0	76	2	0	160
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 reported this week. The outbreak in Marudi was not able to identify the implicated food.

Five suspected dysentery cases reported from Kuching(3), Samarahan(1) and Bintulu(1).

4.2. Cumulative cases from Epid Week 1-30, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	7	12	1	12	3	0	0	2
Samarahan	6	8	0	1	0	0	0	0
Sri Aman	0	1	0	0	3	0	0	0
Betong	4	4	1	1	0	0	0	0
Sarikei	5	21	1	1	0	0	0	0
Sibu	3	4	0	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	45	0	0
Miri	6	4	0	0	0	0	0	0
Limbang	1	1	0	0	0	0	0	0
Sarawak	42	74	5	21	7	45	0	3

Note: S = Suspected; C = Confirmed

Note:

- Out of 42 food poisoning outbreak, five were related to Susu 1 Malaysia and three related to mushroom poisoning.
- The etiological agent for five confirmed dysentery cases is *Enteropathogenic e coli* (Mukah and Sarikei), *Shewanella putrefaciens* (Saratok), *Shigella sp* (Dalat), *Pleiomonas shigelloidis* (Kuching).
- Out of seven confirmed typhoid cases, four are *Salmonella paratyphii* and three are *Salmonella typhii*.
- Out of 200 suspected cholera outbreak in Bintulu District, 45 were confirm cholera.

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. New case reported

There were 10 measles cases reported from Kuching (1), Samarahan (1), Sri Aman(1), Betong (1), Sarikei (2), Bintulu(1) and Miri (3) district.

One pertussis reported from Miri (1) district.

5.2. Total number of Vaccine Preventable Diseases Reported by division from Epid Week 1-29, 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	89	24	3	10	20	2	0	15	3
Samarahan	16	2	0	1	10	0	0	0	0
Sri Aman	22	3	1	0	12	2	0	0	0
Betong	8	3	0	0	1	0	0	0	0
Sarikei	44	2	0	0	19	0	0	1	0
Sibu	3	2	0	0	0	0	0	5	0
Kapit	5	0	0	0	3	0	0	1	0
Mukah	1	0	0	0	0	0	0	0	0
Bintulu	118	33	1	13	36	7	1	0	0
Miri	161	47	0	0	81	1	0	8	0
Limbang	19	7	0	0	5	0	0	0	0
Sarawak	486	123	5	24	187	12	1	30	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 30, 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	1	1(100%)	1(100%)	1(100%)
Betong	1	1(100%)	1(100%)	1(100%)
Sarikei	2	2(100%)	1(50%)	2(100%)
Sibu	0	-	-	-
Kapit	0	-	-	-
Mukah	0	-	-	-
Bintulu	1	1(100%)	1(100%)	1(100%)
Miri	3	3(100%)	3(100%)	3(100%)
Limbang	0	-	-	-
Sarawak	10	10(100%)	9(90%)	10(100%)

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 Sarawak is seven. Three cases are discard 1 category.

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 30, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 30, 2012.

District / Division	2012			
	EW 30		Cumulative	
	HIV	AIDS	HIV	AIDS
Lundu	0	0	0	0
Bau	0	0	1	0
Kuching	3	3	23	14
KUCHING	3	3	24	11
Samarahan	1	0	4	2
Asajaya	0	0	2	1
Simunjan	0	0	3	1
Serian	1	0	1	1
SAMARAHAN	2	0	10	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	1	0	10	7
Kanowit	0	0	1	0
Selangau	0	0	0	0
SIBU	1	0	11	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	6	3	89	48

EW = Epid. Week; Cum. = Cumulative figure

6.2 HIV/AIDS Patient Classification Notified in Epid. Week 30 and Cumulative from Epid. Week 1 until Epid. Week 30, 2012

District / Division	2012					
	Children		Women		Foreigner	
	EW 30	Cum.	EW 30	Cum.	EW 30	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

Six HIV cases reported from Kuching(3), Samarahan(1), Serian(1) and; Sibu(1) and three AIDS cases reported from Kuching(3) district for Epid. Week 30,2012.

3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 30, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid.Week 30., 2012.

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 30	Cum.	EW 30	Cum.
Lundu	0	4	0	3
Bau	0	7	0	2
Kuching	9	108	4	54
KUCHING	9	119	4	59
Samarahan	1	15	1	12
Asajaya	1	12	1	6
Simunjan	0	5	0	2
Serian	0	6	0	1
SAMARAHAN	2	38	2	21
Sri Aman	1	4	0	13
LubokAntu	0	1	0	4
SRI AMAN	1	5	0	17
Betong	1	2	0	1
Saratok	0	0	0	0
BETONG	1	2	0	1
Sarikei	0	2	0	1
Meradong	0	2	0	0
Pakan	0	0	0	0
Julau	0	0	0	1
SARIKEI	0	4	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	1	24
Kanowit	0	0	0	0
Selangau	0	2	0	1
SIBU	0	32	1	25
Song	0	0	0	0
Kapit	0	1	1	2
Belaga	0	0	0	0
KAPIT	0	1	1	2
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	0	3	0	3
Lawas	0	2	1	2
LIMBANG	0	5	1	5
Sarawak	13	246	9	147

Gonorrhoea

Thirteen cases reported in Epid Week 30, 2012 from Kuching(9), Samarahan(1), Asajaya(1), Sri Aman(1), Betong(1) district.

Syphilis

Nine cases reported in Epid Week 30 from Kuching(4), Samarahan(1), Asajaya(1), Sibu(1), Kapit(1) and Lawas(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 30, 2012 compared to Epid. Week 30, 2011 and cumulative cases until Epid. Week 30, 2012.

District / Division	2012		2011		Total
	EW 30	Cum.	EW 30	Cum.	
Lundu	1	17	1	13	22
Bau	5	27	1	25	42
Kuching	18	234	11	196	365
KUCHING	24	278	13	234	429
Samarahan	1	14	0	23	46
Asajaya	0	5	0	12	29
Simunjan	2	22	2	22	37
Serian	1	20	0	32	61
SAMARAHAN	4	61	2	89	173
Sri Aman	0	31	0	26	58
LubokAntu	0	20	0	31	49
SRI AMAN	0	51	0	57	107
Betong	8	25	1	28	43
Saratok	1	30	0	31	55
BETONG	9	55	1	59	98
Sarikei	0	23	0	30	51
Meradong	3	26	0	14	29
Pakan	3	9	1	14	22
Julau	1	11	1	12	22
SARIKEI	7	69	2	70	124
Daro	0	10	1	17	27
Matu	0	1	0	2	4
Dalat	0	3	0	9	14
Mukah	1	29	1	25	44
MUKAH	1	43	2	53	89
Sibu	16	124	1	94	175
Kanowit	0	23	2	16	42
Selangau	0	19	1	22	32
SIBU	16	166	4	132	249
Song	0	10	1	12	23
Kapit	8	32	0	28	60
Belaga	0	19	0	29	40
KAPIT	8	61	1	69	123
Tatau	0	22	3	27	43
Bintulu	0	84	4	113	187
BINTULU	0	106	7	140	230
Miri	15	171	8	184	306
Marudi	0	32	1	42	61
MIRI	15	203	9	226	367
Limbang	1	28	1	27	42
Lawas	0	16	0	15	24
LIMBANG	1	44	1	42	66
Sarawak	85	1137	42	1171	2055

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 30, 2012 compared to Epid. Week 30, 2011 and cumulative cases until Epid. Week 30, 2012.

District / Division	2012		2011		Total
	EW 30	Cum.	EW 30	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	0	4	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	1	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	32	0	10	25

7.3 Notified Tuberculosis (all forms) Case Classification as on 28th July 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 30	Cum.	EW 30	Cum.	EW 30	Cum.
Lundu	1	11	0	2	0	4
Bau	4	22	1	5	0	0
Kuching	11	140	7	71	0	23
KUCHING	16	173	8	78	0	27
Samarahan	1	13	0	0	0	1
Asajaya	0	1	0	2	0	2
Simunjan	2	18	0	3	0	1
Serian	1	16	0	2	0	2
SAMARAHAN	4	48	0	7	0	6
Sri Aman	0	22	0	5	0	4
LubokAntu	0	17	0	2	0	1
SRI AMAN	0	39	0	7	0	5
Betong	4	20	0	1	4	4
Saratok	1	26	0	3	0	1
BETONG	5	46	0	4	4	5
Sarikei	0	15	0	2	0	6
Meradong	1	15	2	11	0	0
Pakan	0	3	3	5	0	1
Julau	0	6	1	5	0	0
SARIKEI	1	39	6	23	0	7
Daro	0	8	0	2	0	0
Matu	0	1	0	0	0	0
Dalat	0	3	0	0	0	0
Mukah	0	21	1	5	0	3
MUKAH	0	33	1	7	0	3
Sibu	14	81	0	26	2	17
Kanowit	0	14	0	4	0	5
Selangau	0	11	0	3	0	5
SIBU	14	106	0	33	2	27
Song	0	6	0	3	0	1
Kapit	4	17	3	7	1	8
Belaga	0	12	0	1	0	6
KAPIT	4	35	3	11	1	15
Tatau	0	13	0	8	0	1
Bintulu	0	49	0	31	0	4
BINTULU	0	62	0	39	0	5
Miri	12	124	3	33	0	14
Marudi	0	20	0	8	0	4
MIRI	12	144	3	41	0	18
Limbang	0	25	1	2	0	1
Lawas	0	10	0	1	0	5
LIMBANG	0	35	1	3	0	6
Sarawak	56	760	22	253	7	124

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

85 cases were reported in Epid Week 30,2012. As on 28th July 2012, the cumulative is 1137.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 28th July 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 30	Cum.	*Exposed		*Not exposed		EW 30	Cum.	EW 30	Cum.	EW 30	Cum.
			EW 30	Cum.	EW 30	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

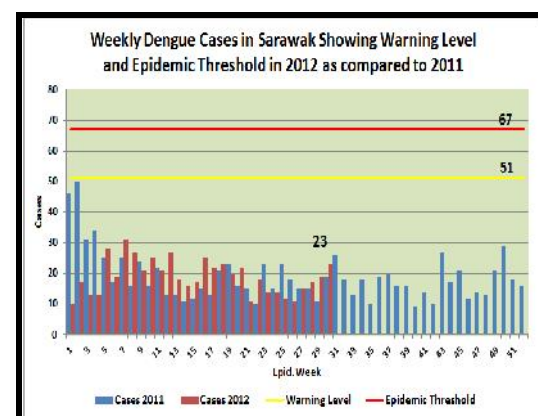
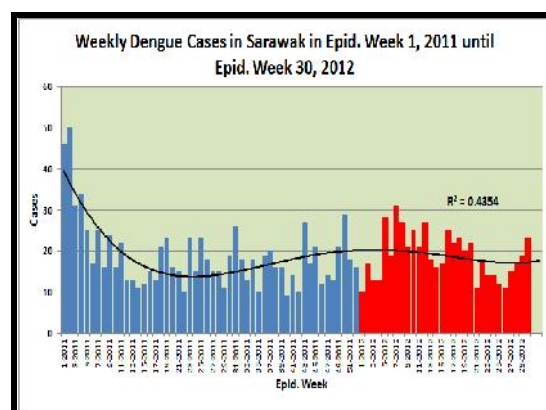
Figure for TB notified cases are based on registered TB cases in e-Notifikasi system.

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 30, 2012 compared to Epid. Week 30, 2011 and cumulative cases until Epid. Week 30, 2012.

District	2012		2011		Total
	EW 30	Cum.	EW 30	Cum.	
Lundu	1	7	0	7	10
Bau	0	13	0	18	36
Kuching	4	85	4	68	106
Samarahan	0	27	1	13	21
Asajaya	1	4	0	4	4
Serian	0	8	0	11	18
Simunjan	0	11	0	9	19
Sri Aman	0	21	2	29	56
Lubok Antu	0	8	1	15	23
Betong	1	28	1	10	13
Saratok	0	16	0	4	11
Sarikei	0	21	0	13	28
Meradong	1	13	0	10	14
Pakan	3	20	0	10	23
Julau	3	10	0	9	17
Daro	1	3	0	6	6
Matu	0	0	0	1	1
Dalat	0	6	0	2	3
Mukah	0	5	0	4	5
Sibu	0	28	0	51	75
Kanowit	0	5	2	19	31
Selangau	0	4	0	6	10
Song	0	8	0	9	10
Kapit	2	30	2	24	32
Belaga	2	10	0	15	27
Tatau	0	21	0	27	47
Bintulu	2	34	4	77	100
Miri	1	81	2	71	134
Marudi	1	24	0	37	59
Limbang	0	9	0	13	20
Lawas	0	9	0	5	15
Sarawak	23	569	19	597	974

EW = Epid. Week; Cum. = Cumulative figure

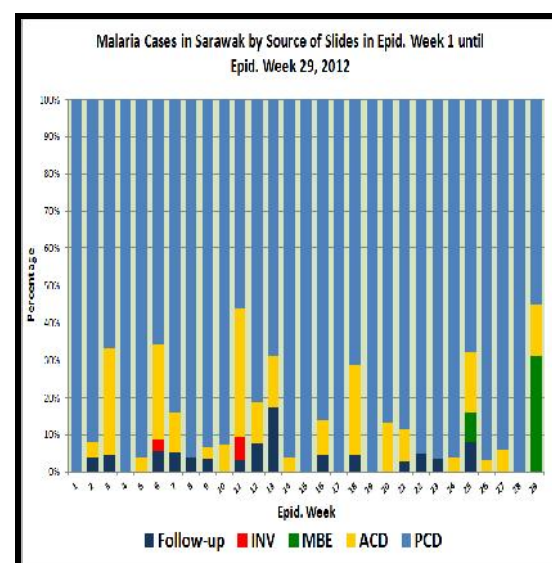
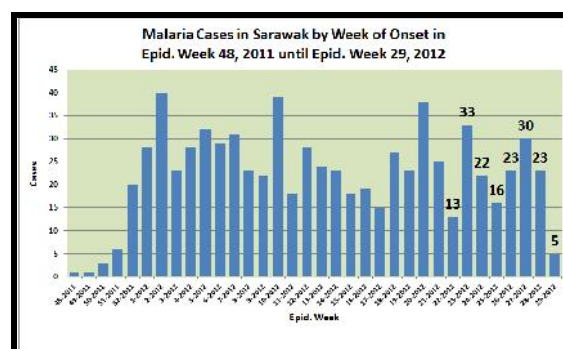
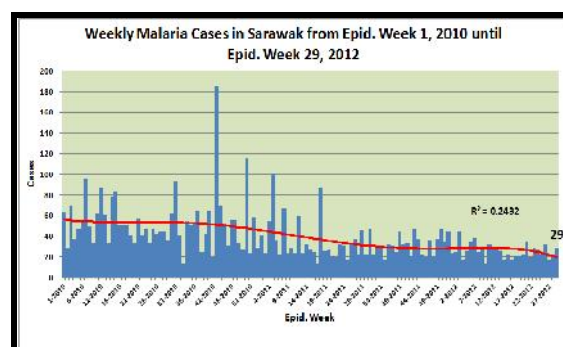


In 2012, a total of 23 dengue cases were reported for Week 30 (28th July, 2012) as compared to 19 during the same period in 2011. There an increased of 4 cases from the previous week (Week 29,2012).

One (1) new outbreak locality reported in Julau (Rh. Saong, Sg. Strass), and one (1) outbreak locality still active reported, in Julau (Rh. Anyut, Sg. Balut).

8.2. Notified Malaria cases for Epid. Week 29, 2012 compared to Epid. Week 29, 2011 and cumulative cases until Epid. Week 29 in 2012.

District	2012		2011		Total
	EW 29	Cum.	EW 29	Cum.	
Lundu	0	9	0	22	33
Bau	0	0	0	3	5
Kuching	2	16	0	12	23
Samarahan	0	3	0	2	3
Asajaya	0	0	0	0	1
Serian	0	3	0	15	21
Simunjan	0	2	0	2	2
Sri Aman	2	10	0	7	17
Lubok Antu	0	19	1	12	25
Betong	0	30	1	17	47
Saratok	0	12	0	1	3
Sarikei	0	11	0	14	16
Meradong	0	2	2	8	9
Pakan	0	28	1	12	29
Julau	2	39	1	40	69
Daro	0	3	0	1	2
Matu	0	1	0	0	2
Dalat	0	3	0	5	10
Mukah	0	2	0	2	2
Sibu	1	42	1	24	52
Kanowit	1	35	1	53	89
Selangau	0	14	0	6	16
Song	2	42	0	30	78
Kapit	3	106	4	119	230
Belaga	12	54	4	79	139
Tatau	1	13	0	19	34
Bintulu	0	12	2	26	39
Miri	1	19	1	19	40
Marudi	1	165	23	446	670
Limbang	0	15	1	11	21
Lawas	1	39	3	24	34
Sarawak	29	749	46	1031	1761



A total of 29 cases were reported on week 29, 2012. Cumulative cases till week 29 were 749 cases. Of the 749 cases, 165 cases (22%) from Marudi District, 106 cases (14%) from Kapit District and 54 cases (7%) 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 29	Cum.
Passive Case Detection (PCD)	16	640
Active Case Detection (ACD)	4	71
Investigation slides (INV)	0	3
Mass Blood Survey (MBS)	9	11
Follow-up	0	24
Total	29	749

8.2.2. Malaria cases by species

Species	2012	
	EW 29	Cum.
<i>P. vivax</i>	15	248
<i>P. falciparum</i>	1	42
<i>P. malariae</i>	1	5
<i>P. knowlesi</i>	12	448
<i>P. ovale</i>	0	4
Mixed	0	2
Total	29	749

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 29	Cum.
Indigenous	26	597
*Imported A	3	116
Relapsed	0	36
Congenital	0	0
Total	29	749

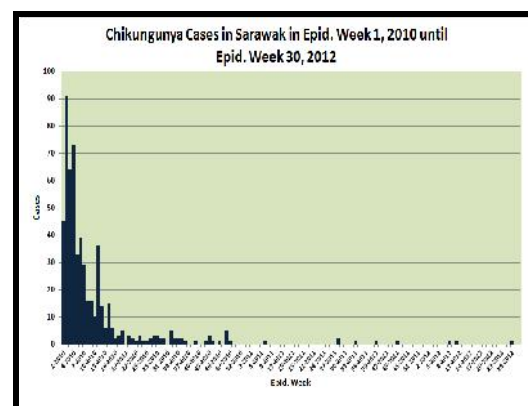
8.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Species
1	Miri	Rimbunan Hijau, Sinar Tiasa, PNG	Malaysian	35	Male	<i>P. Vivax</i>
2	Kapit	KKB Asia Congo Afrika	Malaysian	34	Male	<i>P. Falciparum</i>
3	Kuching	Monywa, Myanmar	Malaysian	23	Male	<i>P. Vivax</i>

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya 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	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 30, 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

No case reported. During the same period in 2011, no case was reported. The cumulative cases of Filariasis for 2012 are 10.

8.5 Japanese Encephalitis (JE)

One case reported in Epid Week 30,2012 from Lubok Antu district. During the same period in 2011, no case was reported. The cumulative cases of Japanese Encephalitis for 2012 are 5.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No case reported. As at 28th July 2012, only one case of Viral Encephalitis reported.

9.2. Viral Hepatitis (all form)

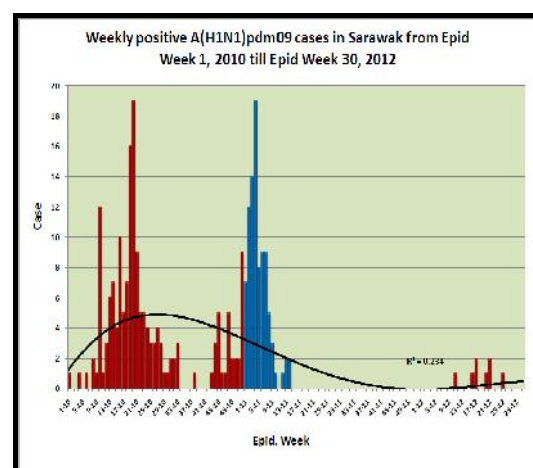
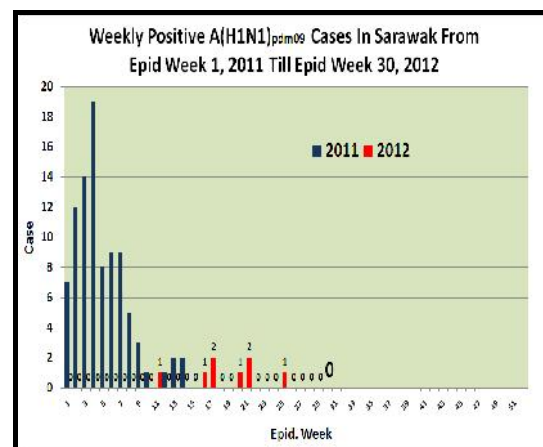
No case reported. As at 28th July 2012, out of 72 cases reported, two are Hepatitis A, 15 Acute Hepatitis B, 37 Chronic Hepatitis B, seven Acute Hepatitis C and 22 Chronic Hepatitis C .

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 30, 2012 compared to Epid. Week 30, 2011 and cumulative cases until Epid. Week 30 in 2012.

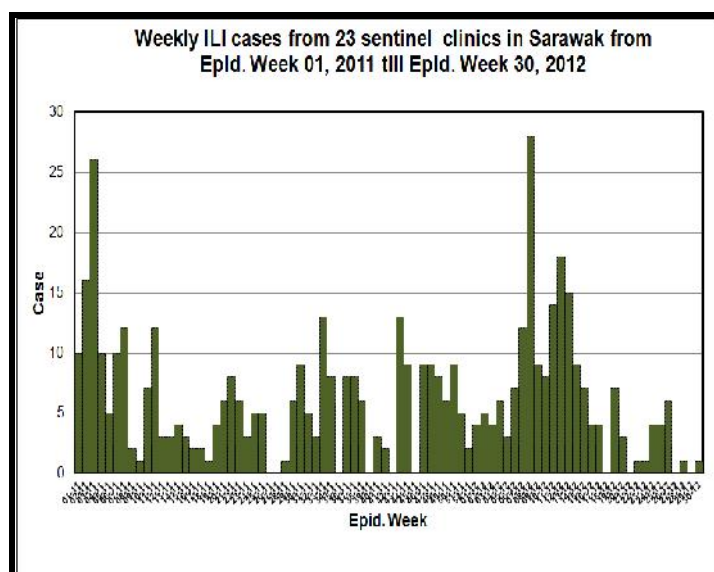
District	2012		2011		Total
	EW 30	Cum.	EW 30	Cum.	
Lundu	0	0	0	2	2
Bau	0	0	0	0	0
Kuching	0	2	0	51	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	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 30, 2012. Total positive cases in 2012 remain as eight.

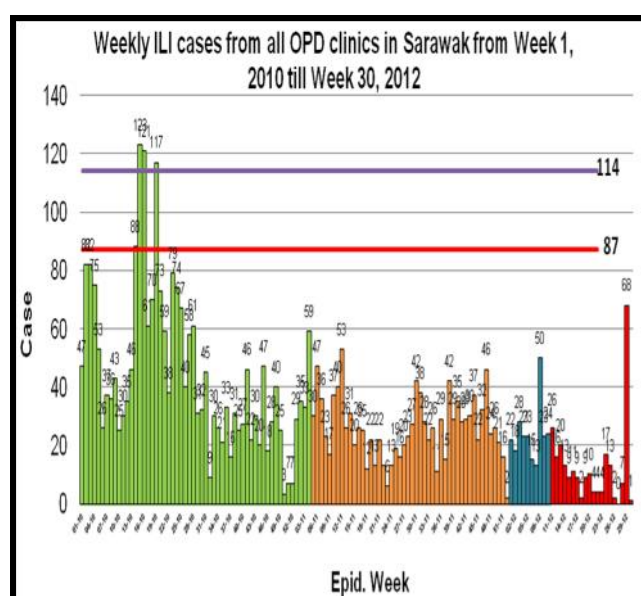
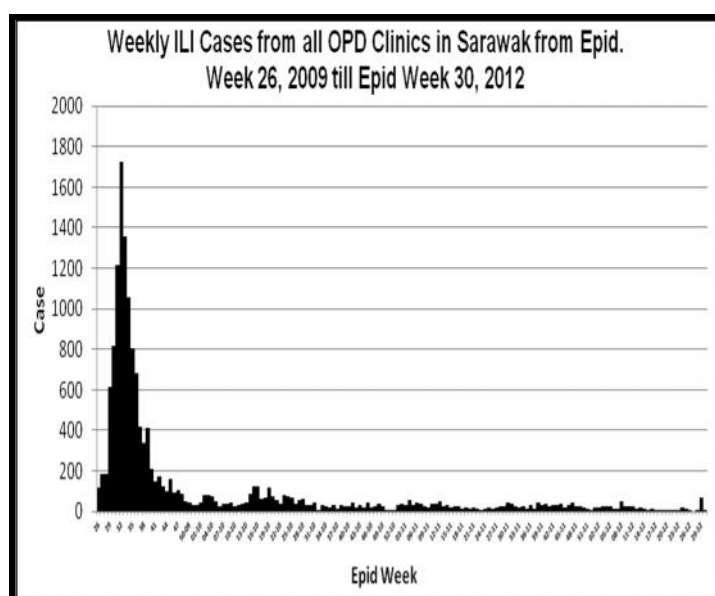
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2010 till Epid. Week 30 in 2012.



In Epid. Week 30, 2012, one case of ILI reported from 22 Sentinel clinics and one 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).

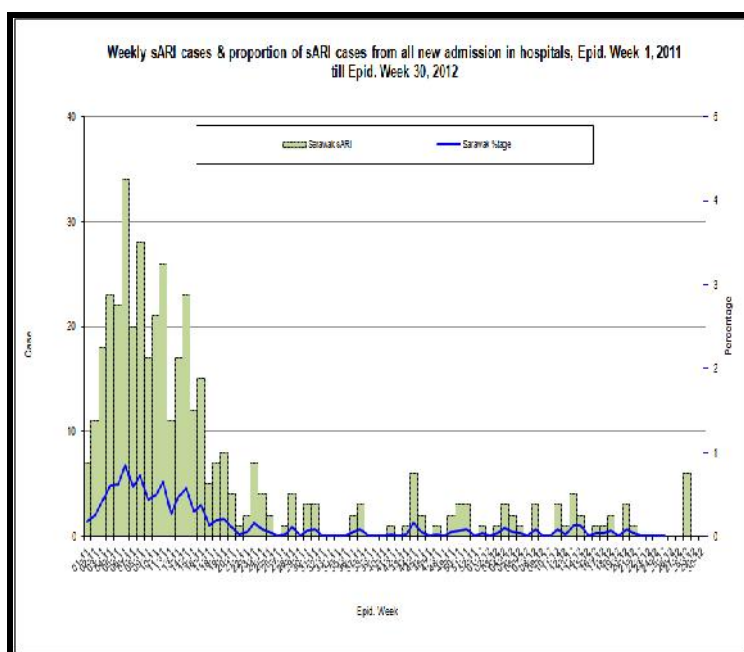


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI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

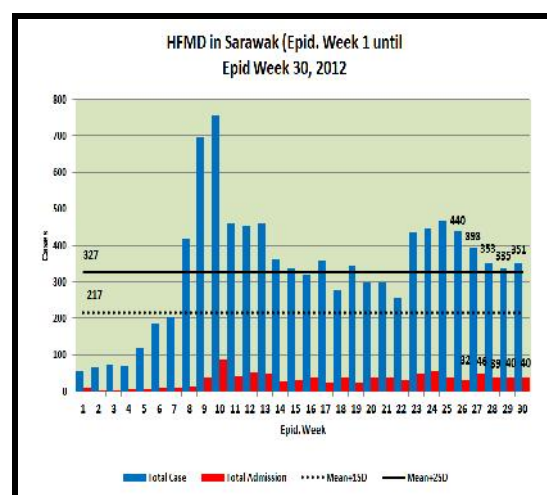
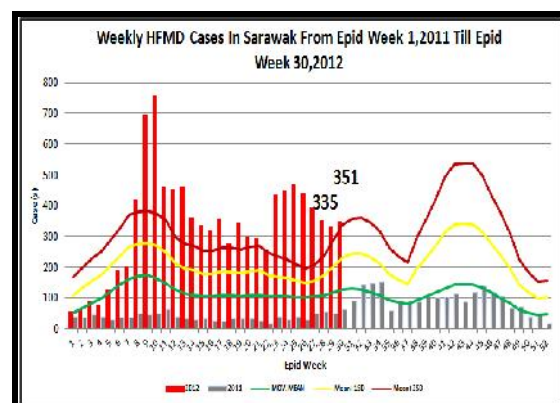
Division	Hospital	New EW 30	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	0	37	0	0	0	0	0	0	0
	Bau	0	1	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
	Sentosa	0	0	0	0	0	0	0	0	0
Samarahan	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	0	35	0	0	0	0	0	0	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		0	75	0	0	0	0	0	0	0

EW = Epid. Week; Cum. = Cumulative figure

No sARI cases reported in Epid Week 30, 2012.

10.2. Notified HFMD (masterlist) cases for Epid. Week 30, 2012 compared to Epid. Week 30, 2011 and cumulative cases in Epid. Week 30, 2011.

District / Division	2012		2011		Total
	EW 30	Cum.	EW 30	Cum.	
Lundu	2	211	1	12	31
Bau	9	299	2	22	149
Kuching	85	2865	11	187	602
KUCHING	96	3375	14	221	782
Samarahan	13	572	0	37	127
Asajaya	2	70	0	20	35
Simunjan	2	174	0	2	19
Serian	17	576	1	6	39
SAMARAHAN	34	1392	1	65	220
Sri Aman	18	385	7	40	97
Lubok Antu	4	75	0	7	18
SRI AMAN	22	460	7	47	115
Betong	9	283	0	29	57
Saratok	8	185	0	23	37
BETONG	17	468	0	52	94
Sarikei	28	391	12	88	188
Meradong	8	109	1	31	73
Pakan	0	69	0	4	7
Julau	0	118	0	3	32
SARIKEI	36	687	13	126	300
Daro	5	90	0	0	7
Matu	2	72	0	0	4
Dalat	3	101	0	16	84
Mukah	12	132	0	35	42
MUKAH	22	395	0	51	137
Sibu	28	541	2	57	149
Kanowit	0	41	0	17	6
Selangau	0	26	2	4	22
SIBU	28	608	4	78	177
Song	0	33	0	10	12
Kapit	11	335	0	49	64
Belaga	19	81	0	6	55
KAPIT	30	449	0	65	131
Tatau	2	93	0	18	25
Bintulu	10	731	14	190	25
BINTULU	12	824	14	208	772
Miri	29	903	6	123	324
Marudi	9	90	0	39	49
MIRI	38	993	6	162	373
Limbang	16	400	0	8	65
Lawas	0	91	0	1	4
LIMBANG	16	491	0	9	69
SARAWAK	351	10142	59	1084	3170



A total of 351 HFMD cases reported in Epid. Week 30, 2012 compared to only 59 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

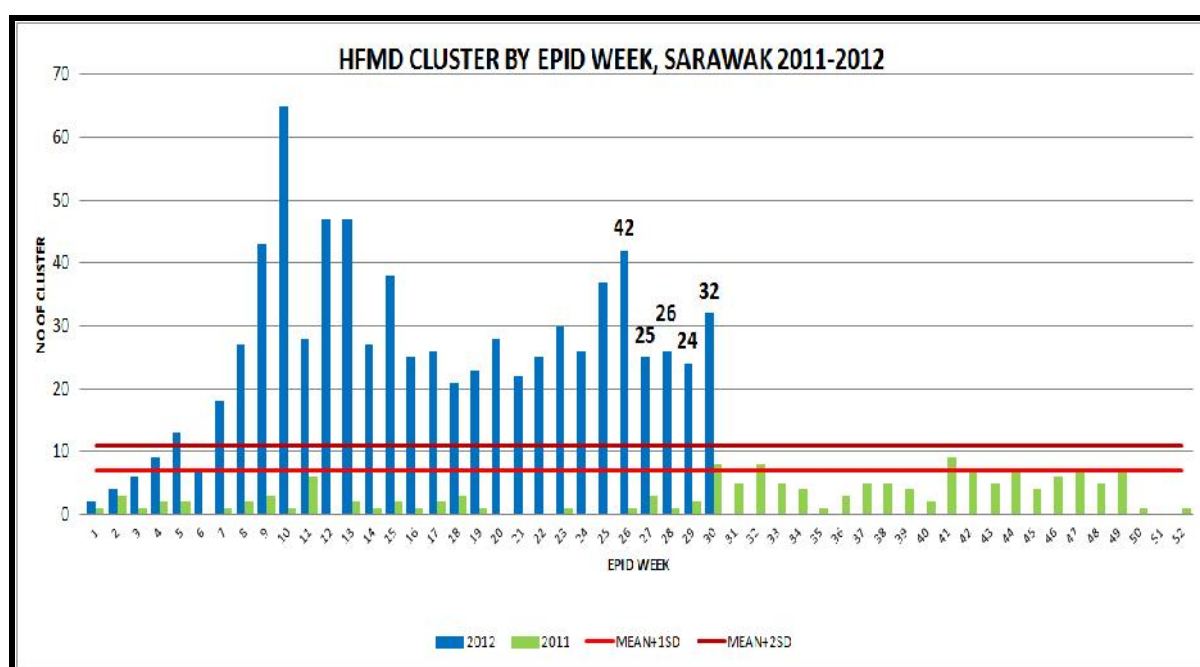
EW = Epid. Week; Cum. = Cumulative figure

10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 28th July 2012.

District	Masterlist		Registered Case		Back Log	
	EW 30	Total	EW 30	Total	EW 30	Total
Kuching	85	2865	41	2821	44	44
Bau	9	299	9	299	0	0
Lundu	2	211	2	211	0	0
KUCHING	96	3375	52	3331	44	44
Samarahan	13	572	0	523	13	49
Asajaya	2	70	0	67	2	3
Simunjan	2	174	0	137	2	37
Serian	17	576	14	573	3	3
SAMARAHAN	34	1392	14	1300	20	92
Sri Aman	18	385	11	378	7	7
Lubok Antu	4	75	1	72	3	3
SRI AMAN	22	460	12	450	10	10
Betong	9	283	1	275	8	8
Saratok	8	185	0	172	8	13
BETONG	17	468	1	447	16	21
Sarikei	28	391	0	321	28	70
Meradong	8	109	6	107	2	2
Pakan	0	69	0	67	0	2
Julau	0	118	0	104	0	14
SARIKEI	36	687	6	599	30	88
Daro	5	90	0	85	5	5
Matu	2	72	0	24	2	48
Mukah	12	132	0	120	12	12
Dalat	3	101	0	70	3	31
MUKAH	22	395	0	299	22	96
Sibu	28	541	28	541	0	0
Selangau	0	26	0	26	0	0
Kanowit	0	41	0	27	0	14
SIBU	28	608	28	594	0	14
Kapit	11	335	0	113	11	222
Song	0	33	0	33	0	0
Belaga	19	81	0	53	19	28
KAPIT	30	449	0	199	30	250
Bintulu	10	731	10	731	0	0
Tatau	2	93	2	93	0	0
BINTULU	12	824	12	824	0	0
Miri	29	903	0	758	29	145
Marudi	9	90	0	46	9	44
MIRI	38	993	0	804	38	189
Limbang	16	400	12	396	4	4
Lawas	0	91	0	78	0	13
LIMBANG	16	491	12	474	4	17
SARAWAK	351	10142	137	9321	214	821

10.2.2. HFMD Clusters and closure

Division	Cluster		Closure	
	EW30	Cum	EW30	Cum
Kuching	15	303	0	59
Samarahan	2	89	0	14
Sri Aman	1	10	0	0
Betong	1	39	0	10
Sarikei	4	85	1	27
Mukah	1	34	1	7
Sibu	0	43	0	0
Kapit	3	15	0	0
Bintulu	0	41	0	8
Miri	1	68	0	2
Limbang	4	71	0	5
Sarawak	32	798	2	132



10.3. Notified Leptospirosis cases for Epid. Week 30, 2012 compared to Epid. Week 30, 2011 and cumulative cases till Epid. Week 30 in 2012.

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (30) 2012	EW (30) 2011	EW (30) 2012	EW (30) 2011			
Lundu	0	0	1	0	3	7	0
Bau	0	0	1	0	5 (1)	4 (1)	1
Kuching	0	0	2	0	50 (1)	40 (2)	12
KUCHING	0	0	5	0	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	1	2	10 (2)	2
SAMARAHAN	0	0	0	1	11	24 (2)	4
Sri Aman	0	0	0	0	8	13 (2)	1
Lubok Antu	0	0	0	0	11	11	3 (1)
SRI AMAN	0	0	0	0	19	24 (2)	4 (1)
Betong	0	0	1	0	6	5 (1)	0
Saratok	0	0	0	0	0	5	0
BETONG	0	0	1	0	6	10 (1)	0
Sarikei	0	0	0	0	2	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	0	0	0	0	7	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	1	0	3	2	2
MIRI	0	0	0	0	6	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	0	0	6	1	160 (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 30, 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	20/07/2012

10.4. Notified Melioidosis cases for Epid. Week 30, 2011 compared to Epid. Week 30, 2011 and cumulative cases until Epid. Week 30, 2012

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (30) 2012	EW (30) 2011	EW (30) 2012	EW (30) 2011			
Lundu	0	0	0	0	0	0	0
Bau	0	0	0	0	0	1	0
Kuching	0	1	0	0	1	4	12 (1)
KUCHING	0	1	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
Serian	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	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	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	0	0	1	7 (2)
Kapit	0	0	0	0	2	62 (3)	162 (1)
Belaga	0	2	0	0	0	21 (4)	28 (1)
KAPIT	0	2	0	0	2	84 (7)	197 (4)
Talau	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	0	3	0	0	6 (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

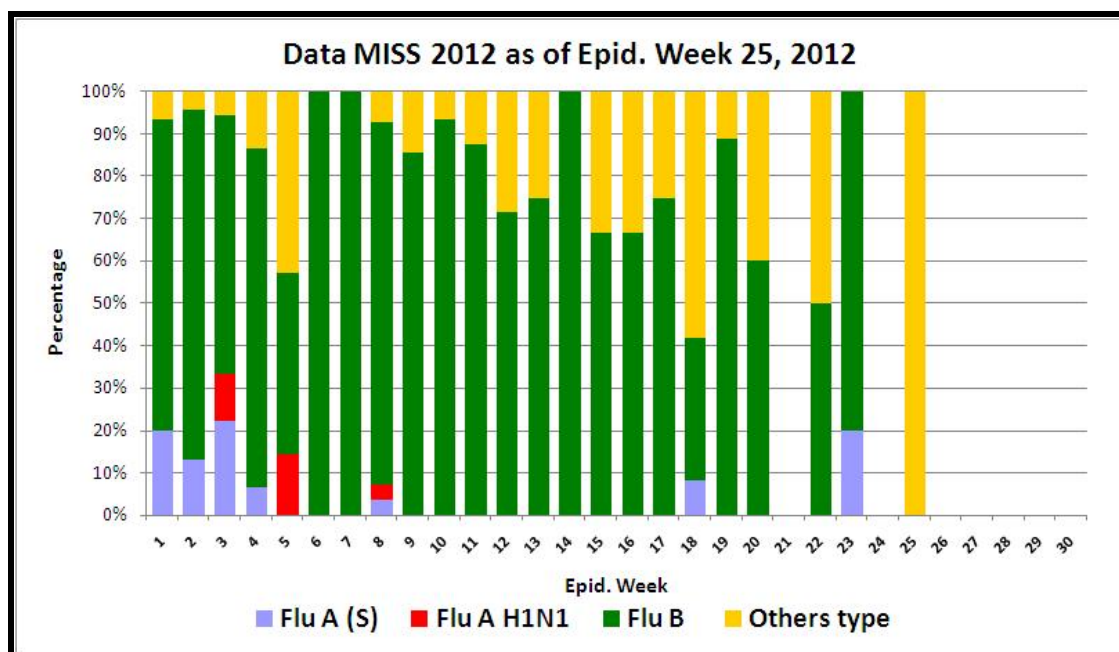
Note

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

® Hospital indicate facility where patient admitted

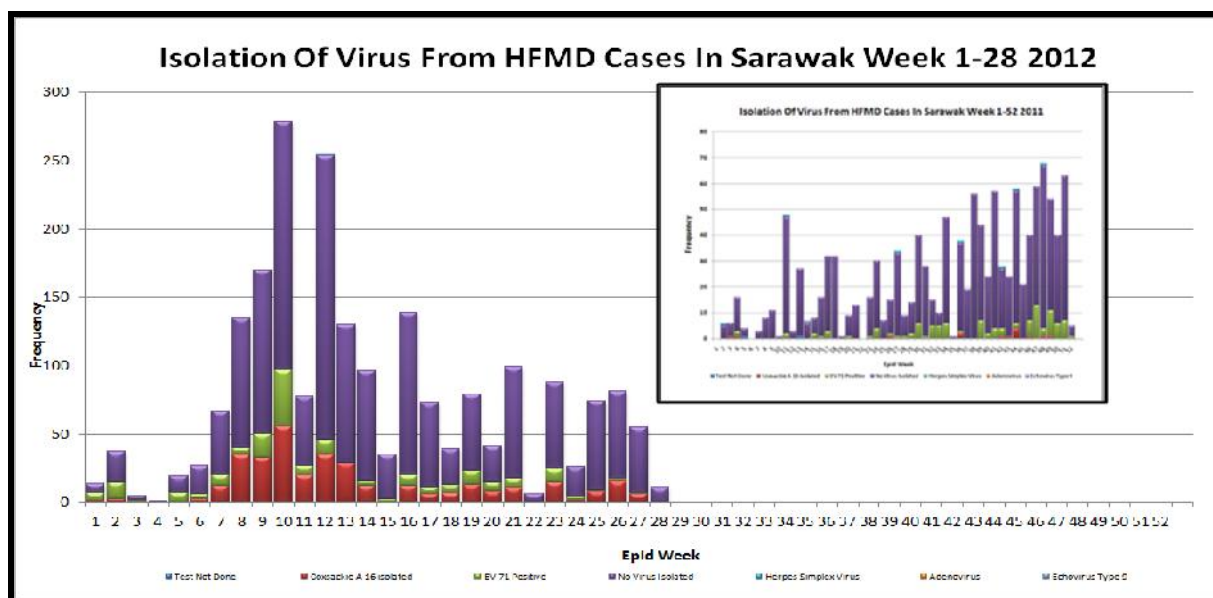
11. LABORATORY BASED SURVEILLANCE

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

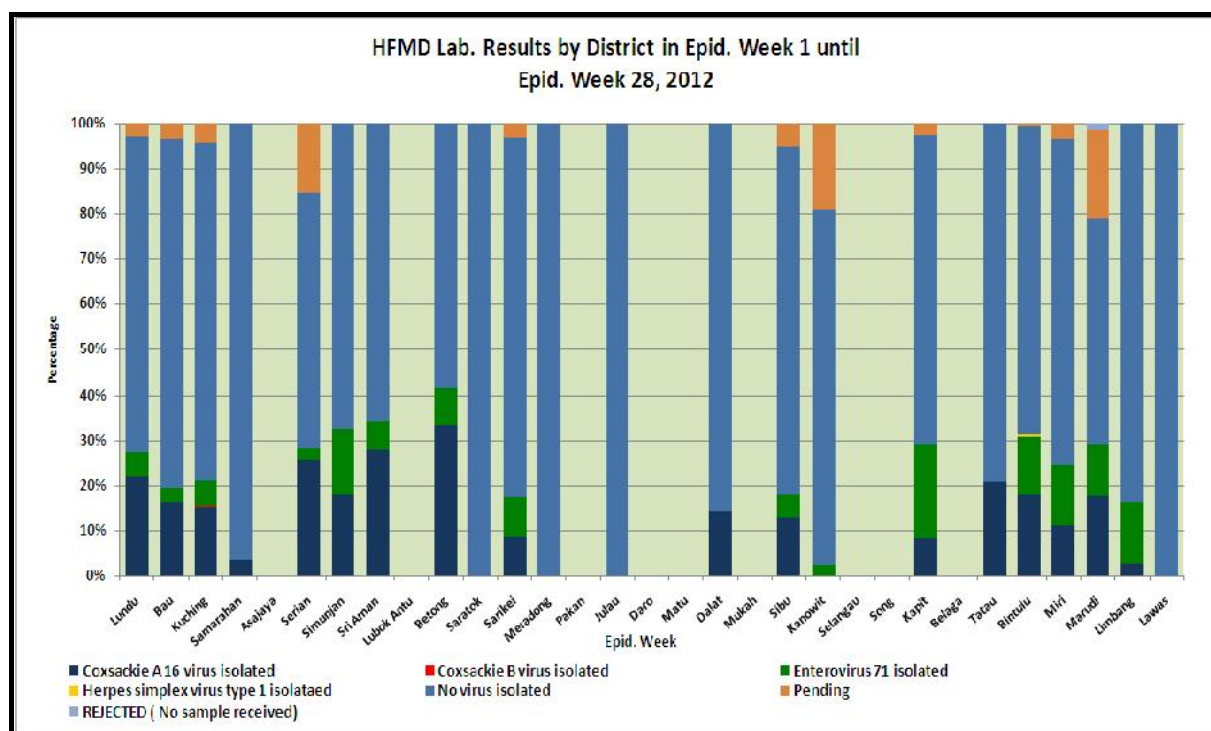


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

11.3. Laboratory Based Surveillance HFMD, EW 1- EW 28, 2012 compared to 2011 in Sarawak.



As of 28th July, 2012, 1824 HFMD samples sent to MKAK Sg Buloh. Out of this, 2166 samples with result and another 91 still pending. A total of 506 (23.3%) virus isolated of which 330 Coxsackie A16 (65.2%), 174 EV 71 (34.4%), 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 17th March 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.