



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 28

08th JULY – 14th JULY

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

Cholera outbreak
ILI outbreak in PULAPOL
Food poisoning related to 1 Malaysia milk

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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	Serian	SK. Tebakang	45	10 th July 2012
2	Measles	Saratok	Rh. Rumu, Saratok	2	17 th May 2012
3	Dengue	Miri	Kpg. Api-Api, Lutong	2	12 th July 2012
4	Malaria	Marudi	Long Sayan	7	10 th July 2012
5.	ILI	Kuching	PULAPOL	4	13 th July 2012
6.	Cholera	Bintulu	Rh Gawan, Sebauh ,Bintulu	1	14 th July 2012

Summary:

Food poisoning in Serian related to 1 Malaysia milk.

ILI outbreak in PULAPOL was notified by Sarawak General Hospital after four trainees admitted with signs and symptoms of ILI. Samples were positive for leptospirosis.

Cholera outbreak notified by PKB Bintulu after one case positive for *Vibrio cholerae*. The case was initially suspected as having food poisoning.

2.1 HFMD CLUSTERS SUMMARY

Division	Category of Cluster				Total
	Family	School	Kindergarten	Child Care Centre	
Kuching	12	0	0	0	12
Samarahan	3	0	0	0	3
Sri Aman	0	0	0	0	0
Betong	0	0	0	1	1
Sarikei	3	0	0	0	3
Mukah	0	0	0	0	0
Sibu	4	0	0	0	4
Kapit	0	0	0	0	0
Bintulu	0	0	0	0	0
Miri	3	0	0	0	3
Limbang	0	0	0	0	0
Total	25	0	0	1	26

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 28, 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																
Bau											9																
Kuching	0/1					1	1			6	105				1				1								
Samarahan	1/1					2					9				1												
Asajaya											4																
Simunjan																											
Serian						1			45		26																
Sri Aman											13								3								
L/ Antu											6		2														
Betong						1					9		1		3												
Saratok											11										3						
Sarikei						1					18				1												
Meradong											11																
Pakan						2					2																
Julau																											
Daro											2										6						
Matu											3																
Dalat											6		1														
Mukah											5		0						1								
Sibu						1				3	42		1						1		3						
Kanowit											6										2						
Selangau											1										5						
Song													1								1						
Kapit	0/1									1	7																
Belaga						1					1		4														
Tatau											3																
Bintulu				1		1					7				2												
Miri						5					42		1		5												
Marudi											0		1														
Limbang											4		2								2						
Lawas	1/0												3						1								
TOTAL (Week 27)	2/3	0	0	1	0	17	1	0	45	10	353	0	17	0	13	0	0	0	7	0	22	0	0	0	0	0	0
Total (2012)	79/43	0	0	1	0	527	5	0	848	226	9456	33	697	3	149	0	0	0	88	1	979	7	0	76	2	0	130
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

One food poisoning related to UHT 1 Malaysia Milk in Serian district, one confirmed dysentery from Kuching district, two suspected dysentery cases from Bintulu and Sarikei.

4.2. Cumulative cases from Epid Week 1-28, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	7	8	1	12	3	0	0	2
Samarahan	6	7	0	1	0	0	0	0
Sri Aman	0	1	0	0	3	0	0	0
Betong	4	3	1	1	0	0	0	0
Sarikei	4	21	1	1	0	0	0	0
Sibu	1	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	10	0	0	0	1	0	0
Miri	4	4	0	0	0	0	0	0
Limbang	1	1	0	0	0	0	0	0
Sarawak	34	67	5	21	7	1	0	3

Note: S = Suspected; C = Confirmed

Note:

- Out of 34 food poisoning outbreak, five were related to Susu 1 Malaysia.
- 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*.

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. New case reported

There were 13 measles cases reported from Kuching (1), Samarahan (1), Betong (3), Sarikei (1), Bintulu (2) and Miri (5) district. Two cases from Rh Rumo, Saratok were diagnosed in May 2012 but not registered in e-Notifikasi and e-measles. Both cases were serology positive. The rest of the cases are sporadic cases.

Four suspected pertussis cases reported from Kuching (1), Sibü (2) and Miri (1) district.

5.2. Total number of Vaccine Preventable Diseases Reported by division from Epid Week 1-28, 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	85	23	3	10	20	2	0	14	3
Samarahan	14	1	0	1	10	0	0	0	0
Sri Aman	21	3	1	0	12	2	0	0	0
Betong	5	3	0	0	1	0	0	0	0
Sarikei	36	2	0	0	19	0	0	0	0
Sibu	3	1	0	0		0	0	4	0
Kapit	5	0	0	0	3	0	0	0	0
Mukah	1	0	0	0		0	0	1	0
Bintulu	117	33	1	13	36	6	1	0	0
Miri	157	47	0	0	81	0	0	5	0
Limbang	18	7	0	0	5	0	0	0	0
Sarawak	462	120	5	24	187	10	1	24	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 28, 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	3	3(100%)	3(100%)	3(100%)
Sarikei	1	1(100%)	1(100%)	1(100%)
Sibu	0	-	-	-
Kapit	0	-	-	-
Mukah	0	-	-	-
Bintulu	2	2(100%)	2(100%)	2(100%)
Miri	5	5(100%)	5(100%)	5(100%)
Limbang	0	-	-	-
Sarawak	13	13(100%)	13(100%)	13(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 28, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 28, 2012.

District / Division	2012			
	EW 28		Cumulative	
	HIV	AIDS	HIV	AIDS
Lundu	0	0	0	0
Bau	0	0	1	0
Kuching	0	1	18	10
KUCHING	0	1	19	10
Samarahan	1	1	3	2
Asajaya	0	0	2	1
Simunjan	0	0	3	1
Serian	0	0	0	1
SAMARAHAN	1	1	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	6
Kanowit	0	0	1	0
Selangau	0	0	0	0
SIBU	0	0	10	6
Song	0	0	0	0
Kapit	0	1	0	1
Belaga	0	0	0	0
KAPIT	0	1	0	1
Tatau	0	0	0	0
Bintulu	0	0	2	2
BINTULU	0	0	2	2
Miri	0	0	11	4
Marudi	0	0	0	0
MIRI	0	0	11	4
Limbang	0	0	2	3
Lawas	1	0	1	1
LIMBANG	1	0	3	4
Sarawak	2	3	79	43

EW = Epid. Week; Cum. = Cumulative figure

6.2 HIV/AIDS Patient Classification Notified in Epid. Week 28 and Cumulative from Epid. Week 1 until Epid. Week 28, 2012

District / Division	2012					
	Children		Women		Foreigner	
	EW 28	Cum.	EW 28	Cum.	EW 28	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

Two HIV cases reported from Samarahan(1) and; Lawas(1) and three AIDS cases reported from Kuching(1) , Samarahan(1) and; Kapit(1) district for Epid. Week 28,2012.

3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 28, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid.Week 28, 2012.

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 28	Cum.	EW 28	Cum.
Lundu	0	4	0	3
Bau	0	7	0	2
Kuching	6	98	1	49
KUCHING	6	109	1	54
Samarahan	0	13	0	11
Asajaya	0	9	0	5
Simunjan	0	5	0	2
Serian	0	6	0	1
SAMARAHAN	0	33	0	19
Sri Aman	0	3	3	13
LubokAntu	0	1	0	4
SRI AMAN	0	4	3	17
Betong	0	1	0	1
Saratok	0	0	0	0
BETONG	0	1	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	4	1	3
MUKAH	0	16	1	4
Sibu	3	30	1	23
Kanowit	0	0	0	0
Selangau	0	2	0	1
SIBU	3	32	1	24
Song	0	0	0	0
Kapit	1	1	0	1
Belaga	0	0	0	0
KAPIT	1	1	0	1
Tatau	0	0	0	0
Bintulu	0	4	0	4
BINTULU	0	4	0	4
Miri	0	16	0	4
Marudi	0	2	0	1
MIRI	0	18	0	5
Limbang	0	2	0	3
Lawas	0	2	1	1
LIMBANG	0	4	1	4
Sarawak	10	226	7	135

Gonorrhoea

Nine cases reported in Epid Week 28, 2012 from Kuching(6), Sibu(3) and Kapit(1) district.

Syphilis

Seven cases reported in Epid Week 28 from Kuching(1), Sri Aman(3), Mukah(1), Sibu(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 28, 2012 compared to Epid. Week 28, 2011 and cumulative cases until Epid. Week 28, 2012.

District / Division	2012		2011		Total
	EW 28	Cum.	EW 28	Cum.	
Lundu	0	13	0	12	22
Bau	0	22	1	24	42
Kuching	0	187	5	180	365
KUCHING	0	222	6	216	429
Samarahan	0	13	1	21	46
Asajaya	0	5	0	12	29
Simunjan	0	15	0	20	37
Serian	0	18	1	31	61
SAMARAHAN	0	51	2	84	173
Sri Aman	0	29	1	26	58
LubokAntu	0	19	2	31	49
SRI AMAN	0	48	3	57	107
Betong	0	17	2	26	43
Saratok	3	27	0	29	55
BETONG	3	44	2	55	98
Sarikei	0	16	1	30	51
Meradong	0	23	0	14	29
Pakan	0	6	1	13	22
Julau	0	10	1	11	22
SARIKEI	0	55	3	68	124
Daro	6	10	0	16	27
Matu	0	1	0	2	4
Dalat	0	3	0	9	14
Mukah	0	28	1	23	44
MUKAH	6	42	1	50	89
Sibu	3	108	2	88	175
Kanowit	2	22	0	10	42
Selangau	5	19	0	20	32
SIBU	10	149	2	118	249
Song	1	8	1	11	23
Kapit	0	24	0	28	60
Belaga	0	19	2	25	40
KAPIT	1	51	3	64	123
Tatau	0	20	0	23	43
Bintulu	0	69	4	97	187
BINTULU	0	89	4	120	230
Miri	0	153	4	170	306
Marudi	0	32	5	40	61
MIRI	0	185	9	210	367
Limbang	2	27	0	24	42
Lawas	0	16	0	15	24
LIMBANG	2	43	0	39	66
Sarawak	22	979	35	1081	2055

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 28, 2012 compared to Epid. Week 28, 2011 and cumulative cases until Epid. Week 28, 2012.

District / Division	2012		2011		Total
	EW 28	Cum.	EW 28	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	0	3
KUCHING	0	0	0	0	3
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	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	5	0	0	1
MUKAH	0	4	0	0	1
Sibu	0	4	0	1	1
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
SIBU	0	3	0	1	1
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	0	6
KAPIT	0	1	0	0	6
Tatau	0	0	0	0	0
Bintulu	0	2	0	0	1
BINTULU	0	2	0	0	1
Miri	0	11	0	0	4
Marudi	0	5	0	0	5
MIRI	0	15	0	0	9
Limbang	0	1	0	3	4
Lawas	0	0	0	0	0
LIMBANG	0	1	0	1	4
Sarawak	0	33	0	2	25

7.3 Notified Tuberculosis (all forms) Case Classification as on 14th July 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 28	Cum.	EW 28	Cum.	EW 28	Cum.
Lundu	0	7	0	2	0	4
Bau	0	18	0	4	0	0
Kuching	0	111	0	56	0	20
KUCHING	0	136	0	62	0	24
Samarahan	0	12	0	0	0	1
Asajaya	0	1	0	2	0	2
Simunjan	0	12	0	3	0	0
Serian	0	14	0	2	0	2
SAMARAHAN	0	39	0	7	0	5
Sri Aman	0	20	0	5	0	4
LubokAntu	0	16	0	2	0	1
SRI AMAN	0	36	0	7	0	5
Betong	0	16	0	1	0	0
Saratok	2	23	1	3	0	1
BETONG	2	39	1	4	0	1
Sarikei	0	9	0	1	0	6
Meradong	0	14	0	9	0	0
Pakan	0	3	0	2	0	1
Julau	0	6	0	4	0	0
SARIKEI	0	32	0	16	0	7
Daro	5	8	1	2	0	0
Matu	0	1	0	0	0	0
Dalat	0	3	0	0	0	0
Mukah	0	21	0	4	0	3
MUKAH	5	33	1	6	0	3
Sibu	1	67	1	26	1	15
Kanowit	2	14	0	3	0	5
Selangau	2	11	2	3	1	5
SIBU	5	92	3	32	2	25
Song	1	5	0	2	0	1
Kapit	0	13	0	4	0	7
Belaga	0	12	0	1	0	6
KAPIT	1	30	0	7	0	14
Tatau	0	12	0	7	0	1
Bintulu	0	41	0	25	0	3
BINTULU	0	53	0	32	0	4
Miri	0	112	0	29	0	12
Marudi	0	20	0	8	0	4
MIRI	0	132	0	37	0	16
Limbang	2	25	0	1	0	1
Lawas	0	10	0	1	0	5
LIMBANG	2	35	0	2	0	6
Sarawak	15	657	5	212	2	110

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

22 cases were reported in Epid Week 28,2012. As on 14th July 2012, the cumulative is 979.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 14th July 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 28	Cum.	*Exposed		*Not exposed		EW 28	Cum.	EW 28	Cum.	EW 28	Cum.
			EW 28	Cum.	EW 28	Cum.						
Lundu	0	0	0	0	0	0	0	0	1	1	0	0
Bau	0	0	0	0	0	0	0	0	0	0	0	0
Kuching	2	2	0	3	0	0	0	2	6	11	0	0
KUCHING	2	2	0	3	0	0	0	2	7	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	1	2	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	1	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	8	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	8	9	0	0
Sarikei	0	0	0	0	0	0	0	0	1	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	1	2	0	0
Daro	0	0	0	0	0	0	0	0	2	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	1	2	0	0
MUKAH	0	1	0	1	0	0	0	0	3	5	0	0
Sibu	0	6	0	2	0	0	1	1	0	3	0	0
Kanowit	0	0	0	0	0	0	0	0	0	1	0	0
Selangau	1	3	0	0	0	0	0	0	1	3	0	0
SIBU	1	9	0	1	0	0	1	1	1	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	2	2	0	2	0	0	0	1	0	13	0	0
Marudi	3	4	0	0	0	0	0	0	2	2	0	0
MIRI	5	6	0	2	0	0	0	1	2	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	10	36	0	9	0	0	1	4	22	82	0	0

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

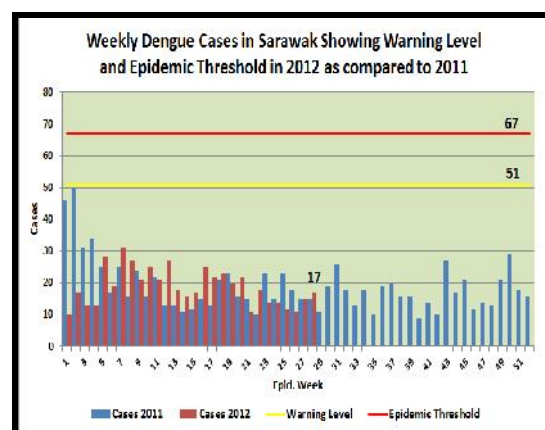
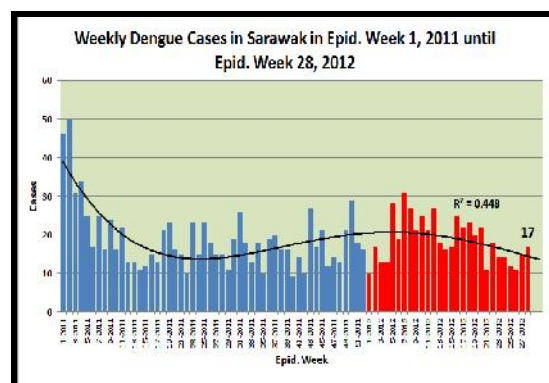
* Possibility of exposed or not exposed to TB patient

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 28, 2012 compared to Epid. Week 28, 2011 and cumulative cases until Epid. Week 28, 2012.

District	2012		2011		Total
	EW 28	Cum.	EW 28	Cum.	
Lundu	1	6	0	7	10
Bau	0	13	0	18	36
Kuching	1	79	1	64	106
Samarahan	2	27	0	12	21
Asajaya	0	3	0	4	4
Serian	0	8	2	10	18
Simunjan	1	10	1	9	19
Sri Aman	0	21	0	27	56
Lubok Antu	0	8	0	14	23
Betong	1	26	0	9	13
Saratok	0	15	0	4	11
Sarikei	1	19	0	12	28
Meradong	0	11	0	10	14
Pakan	2	17	1	10	23
Julau	0	4	0	9	17
Daro	0	2	0	6	6
Matu	0	0	0	1	1
Dalat	0	6	0	2	3
Mukah	0	4	0	4	5
Sibu	1	28	1	51	75
Kanowit	0	5	0	17	31
Selangau	0	4	0	6	10
Song	0	7	0	8	10
Kapit	0	26	1	21	32
Belaga	1	8	0	15	27
Tatau	0	20	0	25	47
Bintulu	1	31	1	71	100
Miri	5	79	3	67	134
Marudi	0	22	3	37	59
Limbang	0	9	1	13	20
Lawas	0	9	0	4	15
Sarawak	17	527	15	567	974



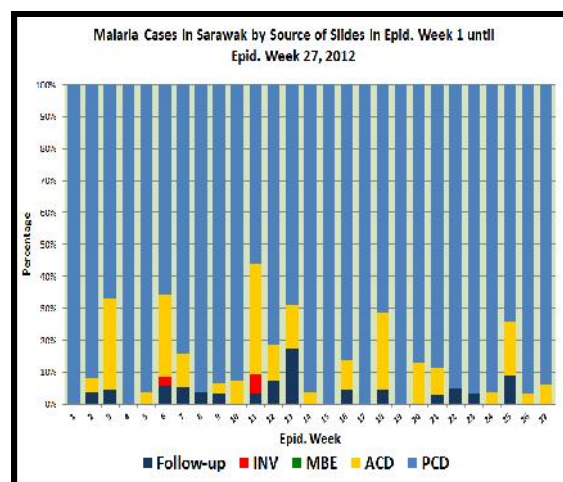
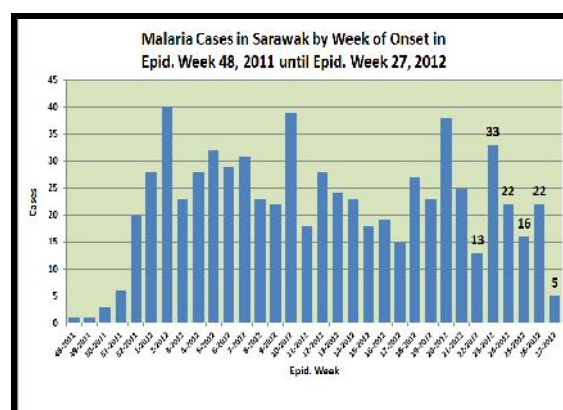
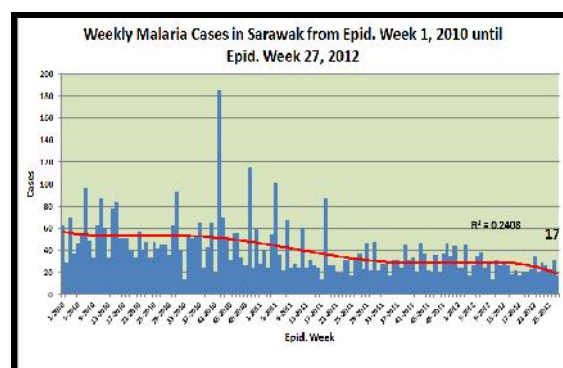
In 2012, a total of 17 dengue cases were reported for Week 28 (15th July, 2012) as compared to 18 during the same period in 2011. There is an increased of 2 cases from the previous week (Week 27,2012).

One (1) new outbreak locality in Miri (Kg. Api-Api) and two (2) active outbreak localities were reported, in Samarahan (Kpg. Baru) and Betong (Kpg. Beladin

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 27, 2012 compared to Epid. Week 27, 2011 and cumulative cases until Epid. Week 27 in 2012.

District	2012		2011		Total
	EW 27	Cum.	EW 27	Cum.	
Lundu	0	9	0	21	33
Bau	0	0	0	3	5
Kuching	0	14	1	12	23
Samarahan	0	3	0	2	3
Asajaya	0	0	0	0	1
Serian	0	3	2	15	21
Simunjan	0	2	0	2	2
Sri Aman	0	8	0	7	17
Lubok Antu	2	19	0	11	25
Betong	1	28	0	15	47
Saratok	0	12	0	1	3
Sarikei	0	11	1	13	16
Meradong	0	2	0	5	9
Pakan	0	28	2	11	29
Julau	0	35	2	34	69
Daro	0	3	0	1	2
Matu	0	1	0	0	2
Dalat	1	3	0	5	10
Mukah	0	2	0	2	2
Sibu	1	39	2	22	52
Kanowit	0	32	5	51	89
Selangau	0	14	0	6	16
Song	1	40	2	30	78
Kapit	0	98	3	112	230
Belaga	4	42	3	71	139
Tatau	0	11	0	17	34
Bintulu	0	12	2	23	39
Miri	1	18	0	18	40
Marudi	1	157	12	422	670
Limbang	2	14	0	9	21
Lawas	3	37	0	21	34
Sarawak	17	697	37	962	1761



A total of 17 cases were reported on week 27, 2012. Cumulative cases till week 27 were 697 cases. Of the 697 cases, 157 cases (23%) from Marudi District, 98 cases (14%) from Kapit District and 42 cases (6%) 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 27	Cum.
Passive Case Detection (PCD)	16	601
Active Case Detection (ACD)	1	69
Investigation slides (INV)	0	3
Mass Blood Survey (MBS)	0	0
Follow-up	0	24
Total	17	697

8.2.2. Malaria cases by species

Species	2012	
	EW 27	Cum.
<i>P. vivax</i>	7	224
<i>P. falciparum</i>	2	42
<i>P. malariae</i>	0	4
<i>P. knowlesi</i>	8	422
<i>P. ovale</i>	0	4
Mixed	0	1
Total	17	697

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 27	Cum.
Indigenous	13	552
*Imported A	4	110
Relapsed	0	35
Congenital	0	0
Total	17	697

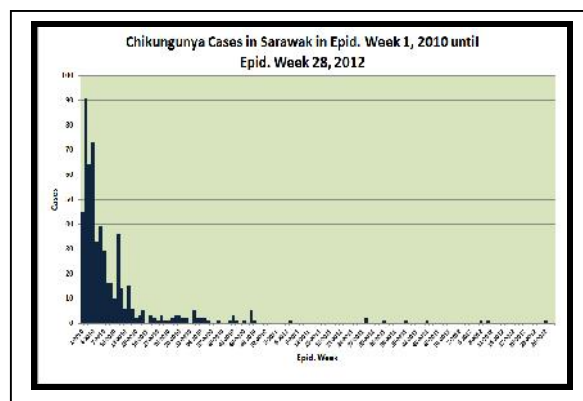
8.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Species
1	Sibu	KKB Mas Solo, Solomon Island	Malaysian	35	Male	<i>P. Vivax</i>
2	Limbang	Mila-mila, Congo, Afrika	Malaysian	35	Male	<i>P. Falciparum</i>
3	Miri	Rimbunan Hijau, Gabon, Afrika	Malaysian	48	Male	<i>P. Falciparum</i>
4	Dalat	Kem Tabiet , Myanmar	Malaysian	52	Male	<i>P. Vivax</i>

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 28, 2012 compared to Epid. Week 28, 2011 and cumulative cases until Epid. Week 28 in 2012.

District	2012		2011		Total
	EW 28	Cum.	EW 28	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	1	1	1
Samarahan	0	0	0	0	0
Asajaya	0	1	0	0	1
Serian	0	0	1	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	2	3	6



Chikungunya

No case of Chikungunya was reported in week 28, 2012. During the same period in 2011, two cases 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)

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 14th July 2012, only one case of Viral Encephalitis reported.

9.2. Viral Hepatitis (all form)

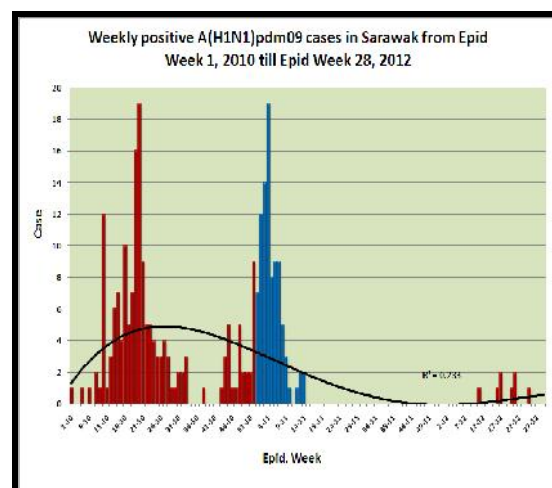
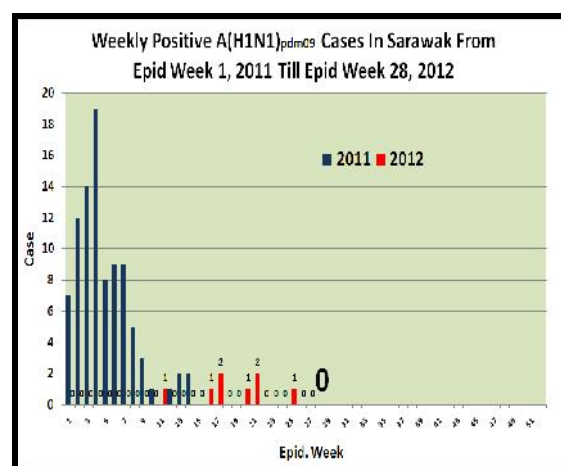
No case reported. As at 14th July 2012, out of 72 cases reported, two are Hepatitis A, 15 Acute Hepatitis B, 37 Chronic Hepatitis B, seven Acute Hepatitis C and 22 Chronic Hepatitis C .

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 28, 2012 compared to Epid. Week 28, 2011 and cumulative cases until Epid. Week 28 in 2012.

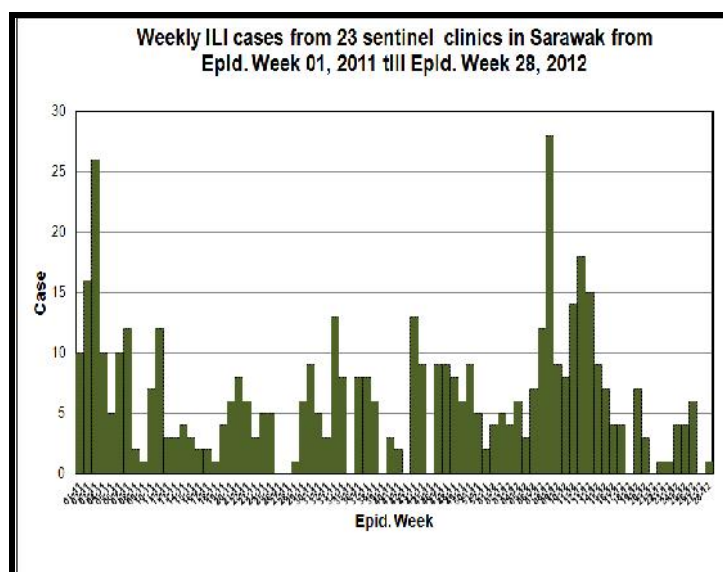
District	2012		2011		Total
	EW 28	Cum.	EW 28	Cum.	
Lundu	0	0	0	2	2
Bau	0	0	0	0	0
Kuching	0	2	0	51	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	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 28, 2012. Total positive cases in 2012 remain as eight.

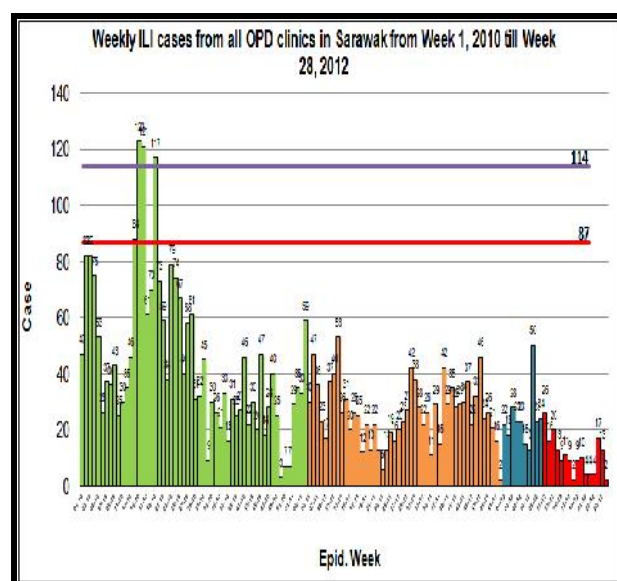
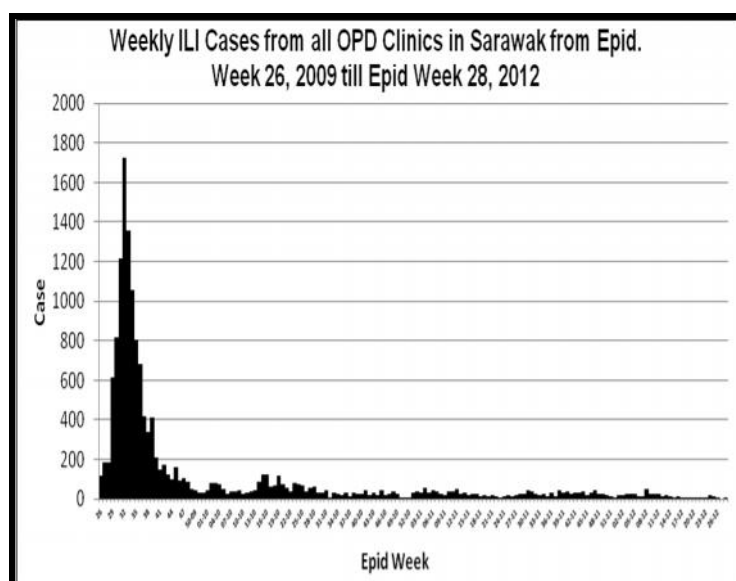
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2010 till Epid. Week 28 in 2012.



In Epid. Week 28, 2012, one case of ILI reported from 22 Sentinel clinics and two 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).

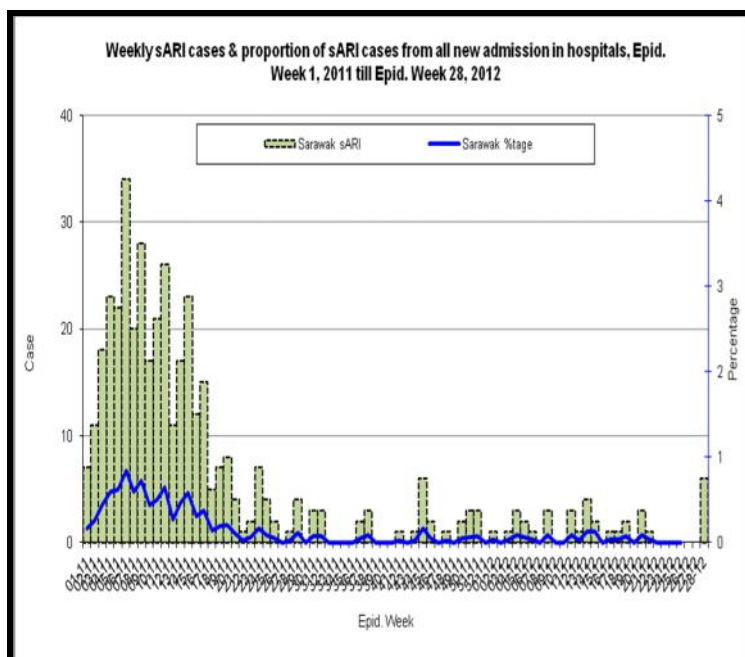


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 14th July 2012.

One ILI outbreak in PULAPOL was notified by Sarawak General Hospital after four trainees admitted with signs and symptoms of ILI. Samples were positive for leptospirosis. The cumulative is two.

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 14th July 2012.

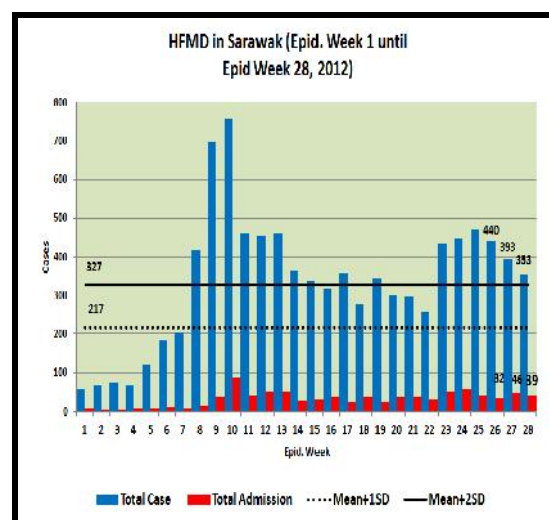
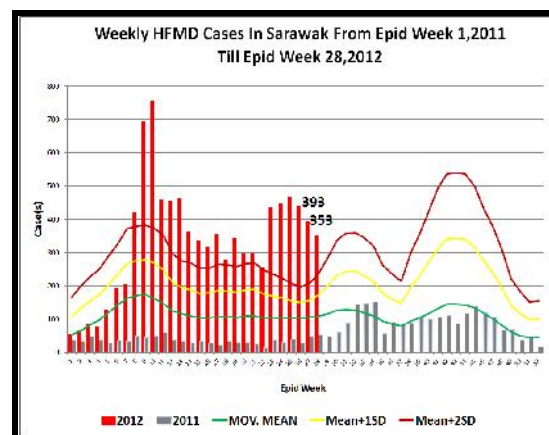
Division	Hospital	New EW 28	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	4	33	0	0	4	0	0	0	4
	Bau	0	1	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
Samarahan	Sentosa	0	0	0	0	0	0	0	0	0
	Serian	0	0	0	0	0	0	0	0	0
Simunjan	Simunjan	0	0	0	0	0	0	0	0	0
	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	35	0	0	2	0	0	1	1
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		6	71	0	0	6	0	0	1	5

EW = Epid. Week; Cum. = Cumulative figure

Six sARI cases reported in Epid Week 28, 2012 from SGH Kuching(4) and Bintulu(2) Hospital. Out of six cases, five are negative for H1N1 and one case still pending for throat swab.

10.2. Notified HFMD (masterlist) cases for Epid. Week 28, 2012 compared to Epid. Week 28, 2011 and cumulative cases in Epid. Week 28, 2011.

District / Division	2012		2011		Total
	EW 28	Cum.	EW 28	Cum.	
Lundu	1	208	1	8	31
Bau	9	282	2	19	149
Kuching	105	2699	4	169	602
KUCHING	115	3189	7	196	782
Samarahan	9	544	4	32	127
Asajaya	4	65	5	18	35
Simunjan	0	170	0	2	19
Serian	26	535	2	5	39
SAMARAHAN	39	1314	11	57	220
Sri Aman	13	356	1	30	97
Lubok Antu	6	69	0	5	18
SRI AMAN	19	425	1	35	115
Betong	9	267	0	29	57
Saratok	11	169	1	23	37
BETONG	20	436	1	52	94
Sarikei	18	351	5	74	188
Meradong	11	80	0	22	73
Pakan	2	67	0	3	7
Julau	0	116	0	3	32
SARIKEI	31	614	5	102	300
Daro	2	83	0	0	7
Matu	3	68	0	0	4
Dalat	6	95	1	16	84
Mukah	5	117	0	35	42
MUKAH	16	363	1	51	137
Sibu	42	479	1	73	149
Kanowit	6	40	0	17	6
Selangau	1	25	0	1	22
SIBU	49	544	1	73	177
Song	0	33	0	10	12
Kapit	7	310	0	49	64
Belaga	1	55	0	5	55
KAPIT	8	398	0	64	131
Tatau	3	91	4	16	25
Bintulu	7	707	18	182	25
BINTULU	10	798	22	198	772
Miri	42	835	0	108	324
Marudi	0	73	0	38	49
MIRI	42	908	0	146	373
Limbang	4	376	0	8	65
Lawas	0	91	0	1	4
LIMBANG	4	467	0	9	69
SARAWAK	353	9456	49	983	3170



A total of 353 HFMD cases reported in Epid. Week 28, 2012 compared to only 49 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

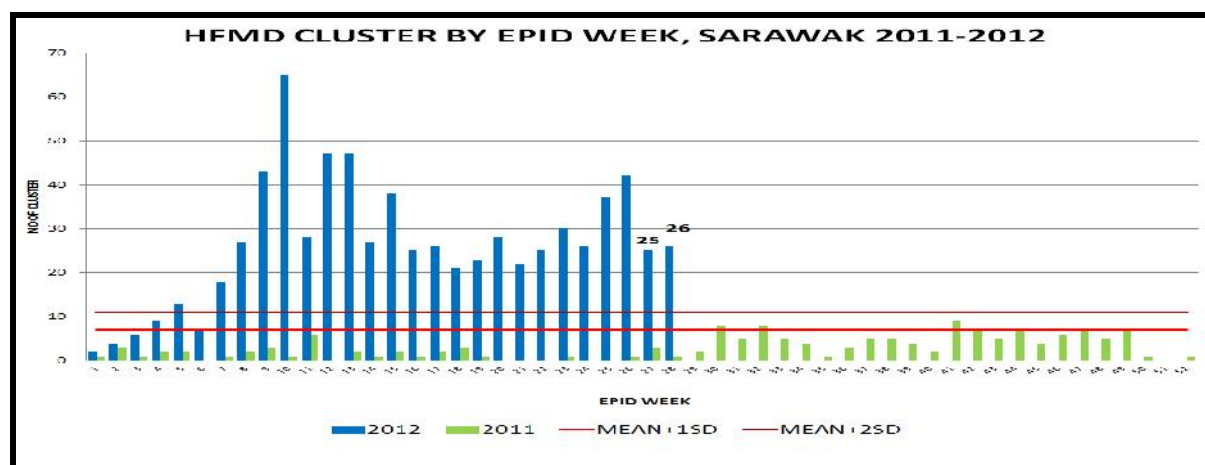
EW = Epid. Week; Cum. = Cumulative figure

10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 14th July 2012.

District	Masterlist		Registered Case		Back Log	
	EW 28	Total	EW 28	Total	EW 28	Total
Kuching	105	2699	60	2654	45	45
Bau	9	282	4	277	5	5
Lundu	1	208	1	208	0	0
KUCHING	115	3189	65	3139	50	50
Samarahan	9	544	0	501	9	43
Asajaya	4	65	3	64	1	1
Simunjan	0	170	0	135	0	35
Serian	26	535	23	532	3	3
SAMARAHAN	39	1314	26	1232	13	82
Sri Aman	13	356	12	355	1	1
Lubok Antu	6	69	0	52	1	17
SRI AMAN	19	425	12	407	2	18
Betong	9	267	0	249	9	18
Saratok	11	169	0	146	11	23
BETONG	20	436	0	395	20	41
Sarikei	18	351	0	290	18	61
Meradong	11	80	0	57	11	23
Pakan	2	67	0	65	2	2
Julau	0	116	0	104	0	12
SARIKEI	31	614	0	516	31	98
Daro	2	83	0	77	2	6
Matu	3	68	0	23	3	45
Mukah	5	117	1	113	4	4
Dalat	6	95	0	70	6	25
MUKAH	16	363	1	283	15	80
Sibu	42	479	42	479	0	0
Selangau	1	25	1	25	0	0
Kanowit	6	40	0	25	6	15
SIBU	49	544	43	529	6	15
Kapit	7	310	0	98	7	212
Song	0	33	0	33	0	0
Belaga	1	55	0	35	1	20
KAPIT	8	398	0	166	8	232
Bintulu	7	707	0	629	7	78
Tatau	3	91	0	76	3	15
BINTULU	10	798	0	705	10	93
Miri	42	835	0	698	42	137
Marudi	0	73	0	36	0	37
MIRI	42	908	0	734	42	174
Limbang	4	376	4	376	0	0
Lawas	0	91	0	78	0	13
LIMBANG	4	467	4	454	0	13
SARAWAK	353	9456	151	8560	197	896

10.2.2. HFMD Clusters and closure

Division	Cluster		Closure	
	EW28	Cum	EW28	Cum
Kuching	12	285	0	59
Samarahan	3	86	0	14
Sri Aman	0	8	0	0
Betong	1	38	1	10
Sarikei	3	73	0	24
Mukah	0	31	0	5
Sibu	4	43	0	0
Kapit	0	10	0	0
Bintulu	0	40	0	7
Miri	3	63	0	2
Limbang	0	65	0	5
Sarawak	26	742	1	126



10.3. Notified Leptospirosis cases for Epid. Week 28, 2012 compared to Epid. Week 28, 2011 and cumulative cases till Epid.Week 28 in 2012.

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (28) 2012	EW (28) 2011	EW (28) 2012	EW (28) 2011			
Lundu	0	0	0	0	2	7	0
Bau	0	0	0	0	3 (1)	4 (1)	1
Kuching	0	0	0	3(1)	29 (1)	40 (2)	12
KUCHING	0	0	0	3(1)	34 (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	1	8 (1)	1
Serian	0	0	0	0	2	10 (2)	2
SAMARAHAN	0	0	0	0	8	24 (2)	4
Sri Aman	0	1	0	2(1)	8	13 (2)	1
Lubok Antu	0	0	0	0	11	11	3 (1)
SRI AMAN	0	1	0	2(1)	19	24 (2)	4 (1)
Betong	0	0	0	1(1)	4	5 (1)	0
Saratok	0	0	0	0	0	5	0
BETONG	0	0	0	1(1)	4	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	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	2	3	7 (1)	0
KAPIT	0	0	0	2	27	20 (1)	3
Tatau	0	1	0	0	2	1	0
Bintulu	0	0	0	0	6	11 (3)	6
BINTULU	0	1	0	0	8	12 (3)	6
Miri	0	0	0	0	4	12	3
Marudi	0	0	0	0	2	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	2	0	8(3)	130 (3)	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 28, 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

- All cases are probable positive (rapid test positive)

10.4. Notified Melioidosis cases for Epid. Week 28, 2011 compared to Epid. Week 28, 2011 and cumulative cases until Epid. Week 28, 2012

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (28) 2012	EW (28) 2011	EW (28) 2012	EW (28) 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
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)
Sung	0	0	0	0	0	1	7 (2)
Kapit	0	0	0	2	2	62 (3)	162 (1)
Belaga	0	0	0	0	0	21 (4)	28 (1)
KAPIT	0	0	0	2	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	0	0	0	2	6 (1)	121 (11)	343 (18)

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

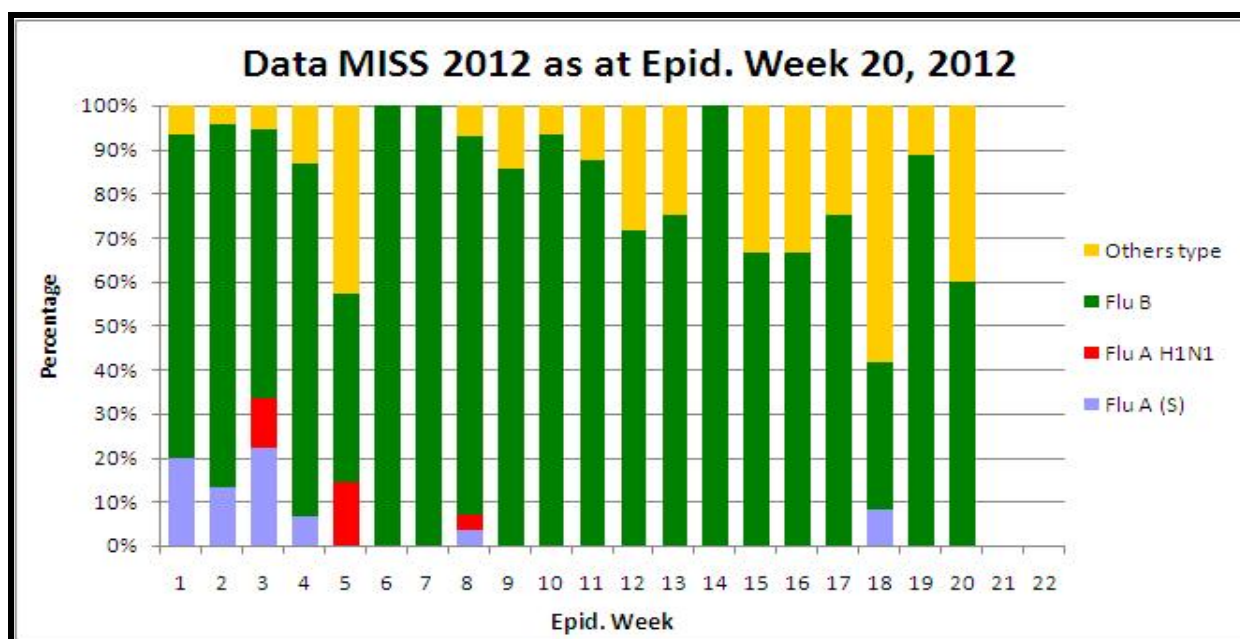
Note

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

® Hospital indicate facility where patient admitted

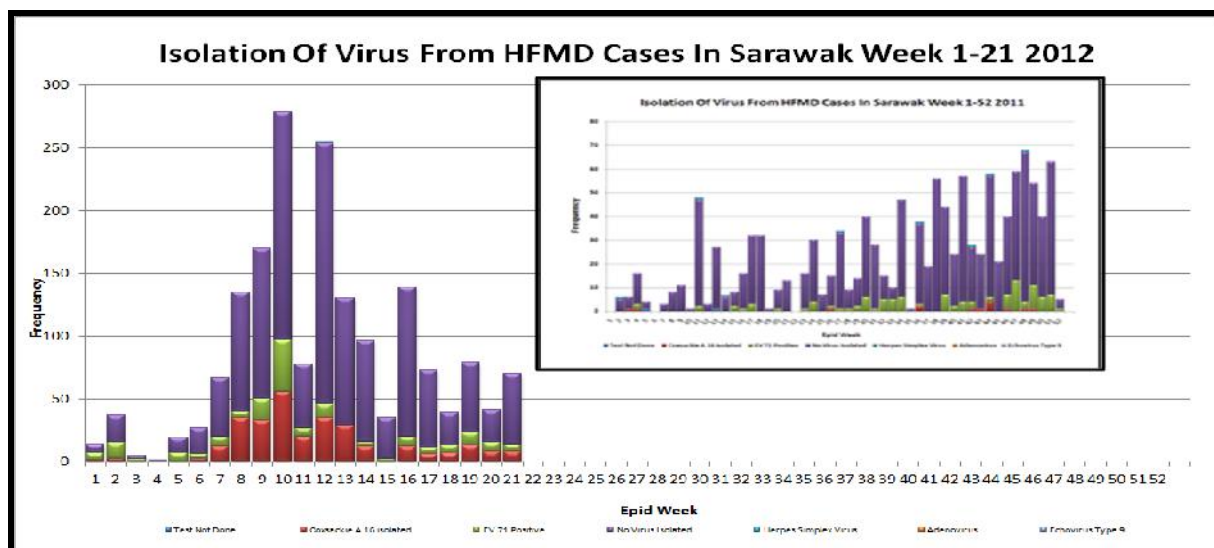
11. LABORATORY BASED SURVEILLANCE

11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah*) from Epid Week 1 till Epid Week 20, 2012.

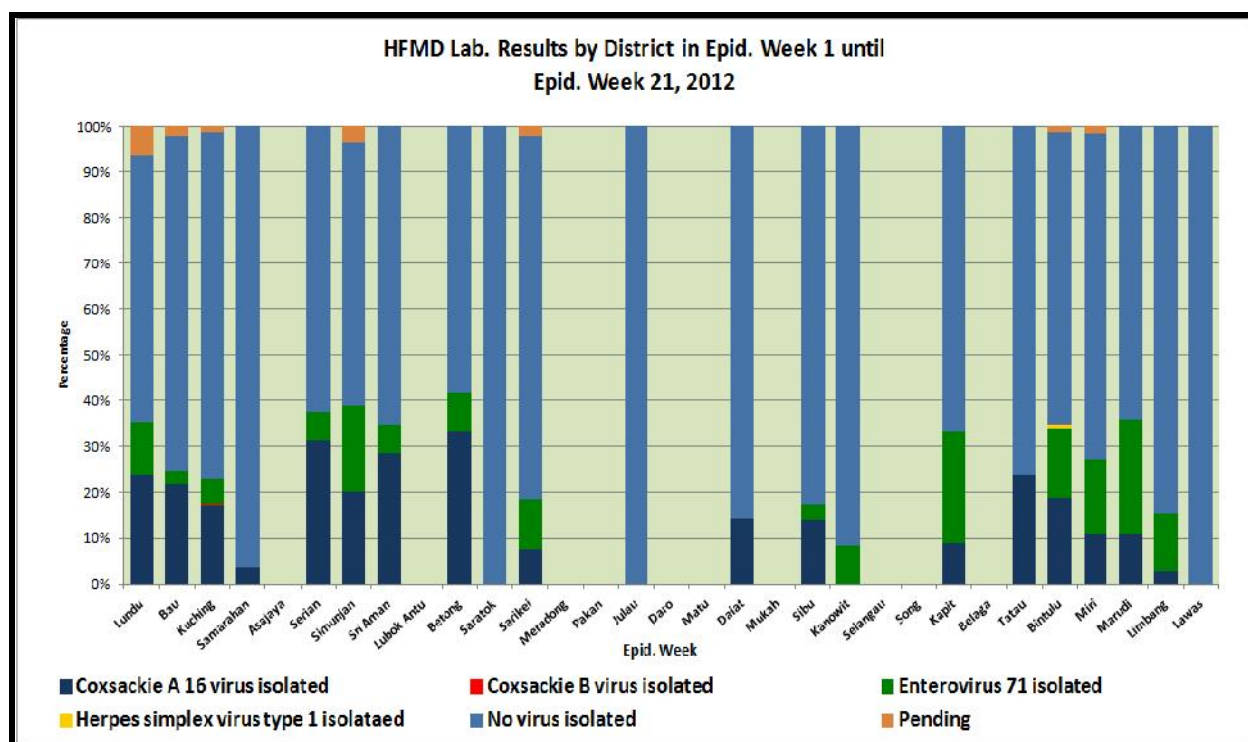


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

11.3. Laboratory Based Surveillance HFMD, EW 1- EW 21, 2012 compared to 2011 in Sarawak.



As of 20th July, 2012, 1824 HFMD samples sent to MKAK Sg Buloh. Out of this, 1794 samples with result and another 30 still pending. A total of 465 (25.9%) virus isolated of which 292 Coxsackie A16 (62.8%), 171 EV 71 (36.8%), 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.