



SARAWAK WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 44

28th October-3rd November 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

Dengue Outbreak

INSIDE

Topic	Page
Infectious disease/crisis highlights in Sarawak	1
New outbreaks/clusters	2
Summary mandatory notifiable diseases	3
Food-Water Borne Diseases	4
Vaccine Preventable Diseases	6
HIV/AIDS and STI	8
Tuberculosis and Leprosy	10
Vector Borne Diseases	13
Other Infectious Diseases	17
Emerging/Re-emerging Infectious and Zoonotic Diseases	18
Laboratory based surveillance	29



SARAWAK
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

Communicable Disease Control Section, Sarawak Health Department

(Phone: 082-443248; e-mail: opsroom_jkns@srwk.moh.gov.my or cdcjkns@gmail.com; Fax: 082-443098)

2. NEW OUTBREAKS/CLUSTERS

No	Disease	District	Locality	Case (No)	Outbreak declared
1	Food Poisoning	Kuching	No. 97, Kampung Semadang, Kuching	9	30 th October 2012
2	Measles	Betong	Kpg. Sepinang Pusa	2	2 nd November 2012

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 44, 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											5									1							
Bau											7																
Kuching						2			9	4	33				1				3	1							
Samarahan											11							1	4								
Asajaya						1				1	8							1	1								
Simunjan											4																
Serian						1					6	1								1							
Sri Aman						2					2																
L/ Antu						1						1															
Betong						3					5	3		2													
Saratok						4					3	3						1	1								
Sarikei											8	1		1													
Meradong						3																					
Pakan						1					7																
Julau						1						3															
Daro											2																
Matu											2																
Dalat											1									3							
Mukah																											
Sibu						3				2	8				1			2	9								
Kanowit						1						4						1									
Selangau												2															
Song						3					1	5															
Kapit						2					1	9															
Belaga						4						6								4							
Tatau						2						1								1							
Bintulu						5					7				1					5							
Miri						3					13	1								14							
Marudi						2					1	7															
Limbang						1				1	3																
Lawas						3							4														
TOTAL (Week 44)	0/0	0	0	0	0	48	0	0	9	8	138	0	51	0	6	0	0	0	9	0	45	0	0	0	0	0	0
Total (2012)	125/81	0	0	111	0	1115	16	0	1447	404	12761	35	1291	8	160	0	0	0	221	1	1771	23	0	111	1	0	247
Total (2011)	164/82	0	0	252	0	974	9	0	1323	445	3170	25	1761	37	335	0	0	0	194	1	1707	6	0	137	25	0	186
Total (2010)	141/113	0	0	0	0	4240	62	0	1299	437	4987	22	2802	10	132	0	0	0	230	1	1639	27	0	35	2	0	49
Total (2009)	143/89	0	1	0	0	4564	82	0	1223	438	9655	15	2158	4	56	0	0	0	339	0	1689	24	1	169	10	0	73

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

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

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

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

4. SURVEILLANCE REPORT ON FOOD-WATER BORNE DISEASES

4.1. Cumulative cases from Epid Week 1-44, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	12	18	3	14	3	0	0	2
Samarahan	9	9	0	1	0	0	0	0
Sri Aman	2	1	0	0	3	0	0	0
Betong	5	4	5	1	1	0	0	0
Sarikei	6	24	5	6	8	0	0	0
Sibu	5	5	1	2	0	0	0	1
Kapit	4	7	0	32	5	0	0	0
Mukah	4	1	2	2	3	0	0	0
Bintulu	3	11	0	0	0	111	0	0
Miri	14	4	0	0	0	0	0	0
Limbang	3	1	0	0	0	0	0	0
Sarawak	67	85	16	58	23	111	0	3

Note: S = Suspected; C = Confirmed

Note:

- Food poisoning outbreak:
 - o Six (6) were related to Susu 1 Malaysia
 - o Seven were related to mushroom poisoning.
- Dysentery cases; aetiological agents:
 - o *Enteropathogenic e coli* (Kuching-2, Mukah and Sarikei),
 - o *Shewanella putrefaciens* (Saratok),
 - o *Shigella sp* (Dalat),
 - o *Pleiomonas shigelloidis* (Kuching),
 - o *Shigella Sonnei* (Sibu),
 - o *Salmonella* (Meradong-4),
 - o *Balantidium coli* (Saratok-3),
 - o *Entamoeba Histolytica* (Saratok).
- Typhoid cases;
 - o Nine (9) are *Salmonella paratyphii*
 - o Eleven (11) are *Salmonella typhii*.
 - o Three (3) are *Salmonella sp*.
- Out of 1133 suspected cholera outbreak in Bintulu, 111 were confirmed cholera and one (1) case reported from Mukah, was originally from Bintulu as evidence by finger printing result.

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. Total number of Vaccine Preventable Diseases (VPD) by division from Epid Week 1-44, 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	106	24	3	10	34	4	0	18	6
Samarahan	26	2	0	1	17	0	0	0	0
Sri Aman	24	3	1	0	13	2	0	0	0
Betong	16	3	0	0	8	0	0	0	0
Sarikei	65	4	0	0	51	0	0	1	0
Sibu	4	2	0	0	1	0	0	7	0
Kapit	16	0	0	0	4	5	0	2	0
Mukah	1	0	0	0	1	0	0	1	0
Bintulu	167	36	1	13	46	28	1	0	0
Miri	193	50	0	0	102	6	0	12	2
Limbang	19	7	0	0	6	0	0	0	0
Sarawak	638	131	5	24	283	45	1	41	8

Note: S = suspected; C = confirmed

Case Definition of measles:

Any person with

Fever and maculopapular rash and; conjunctivitis or cough or coryza

Or

Any person in whom a clinician suspects a measles infection.

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

5.2. Measles Elimination Programme (MEP) Achievement by Division in Epid. Week 44, 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	0	-	-	-
Sri Aman	0	-	-	-
Betong	2	2(100%)	2(100%)	2(100%)
Sarikei	1	1(100%)	1(100%)	1(100%)
Sibu	1	1(100%)	1(100%)	1(100%)
Kapit	0	-	-	-
Mukah	0	-	-	-
Bintulu	1	1(100%)	1(100%)	1(100%)
Miri	0	-	-	-
Limbang	0	-	-	-
Sarawak	6	6(100%)	6(100%)	6(100%)

Strategies of MEP:

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

5.3. Acute Flaccid Paralysis (AFP)

Reported AFP cases in Sarawak, EPID week 1-44, 2012.

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

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

Note :

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

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

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

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 44, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 44, 2012.

District / Division	2012			
	EW 44		Cumulative	
	HIV	AIDS	HIV	AIDS
Lundu	0	0	1	1
Bau	0	0	2	1
Kuching	0	0	38	24
KUCHING	0	0	41	26
Samarahan	0	0	6	3
Asajaya	0	0	3	1
Simunjan	0	0	3	2
Serian	0	0	6	4
SAMARAHAN	0	0	18	10
Sri Aman	0	0	5	2
LubokAntu	0	0	1	0
SRI AMAN	0	0	6	2
Betong	0	0	1	0
Saratok	0	0	0	0
BETONG	0	0	1	0
Sarikei	0	0	1	2
Meradong	0	0	1	3
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	0	0	2	5
Daro	0	0	2	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	0	1
MUKAH	0	0	2	1
Sibu	0	0	15	11
Kanowit	0	0	1	2
Selangau	0	0	0	0
SIBU	0	0	16	13
Song	0	0	0	1
Kapit	0	0	1	2
Belaga	0	0	0	0
KAPIT	0	0	1	3
Tatau	0	0	0	0
Bintulu	0	0	13	9
BINTULU	0	0	13	9
Miri	0	0	16	5
Marudi	0	0	2	1
MIRI	0	0	18	6
Limbang	0	0	4	4
Lawas	0	0	3	2
LIMBANG	0	0	7	6
Sarawak	0	0	125	81

EW = Epid. Week; Cum. = Cumulative figure

HIV/AIDS

No HIV/AIDS case reported.

3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 44, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid.Week 44, 2012.

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 44	Cum.	EW 44	Cum.
Lundu	0	5	0	3
Bau	0	7	0	5
Kuching	4	176	3	67
KUCHING	4	188	3	75
Samarahan	0	34	1	13
Asajaya	1	25	1	8
Simunjan	0	8	0	6
Serian	0	9	0	1
SAMARAHAN	1	76	2	28
Sri Aman	0	5	0	18
LubokAntu	0	2	0	4
SRI AMAN	0	7	0	22
Betong	0	2	0	2
Saratok	0	1	1	5
BETONG	0	3	1	7
Sarikei	0	5	0	5
Meradong	0	6	0	5
Pakan	0	1	0	2
Julau	0	1	0	0
SARIKEI	0	13	0	12
Daro	0	6	0	2
Matu	0	8	0	1
Dalat	0	0	0	0
Mukah	0	9	0	4
MUKAH	0	23	0	7
Sibu	2	49	2	35
Kanowit	0	1	1	2
Selangau	0	4	0	1
SIBU	2	54	3	38
Song	0	0	0	0
Kapit	0	2	0	4
Belaga	0	0	0	0
KAPIT	0	2	0	4
Tatau	0	0	0	0
Bintulu	0	8	0	10
BINTULU	0	8	0	10
Miri	0	18	0	6
Marudi	0	5	0	3
MIRI	0	23	0	9
Limbang	1	5	0	4
Lawas	0	2	0	5
LIMBANG	1	7	0	9
Sarawak	8	404	9	221

Gonorrhoea

Eight cases reported in Epid Week 44, 2012 from Kuching(4), Asajaya(1), Sibu(2) and Limbang(1) district.

Syphilis

Nine cases reported from Kuching(3), Samarahan(1), Asajaya(1), Sarataok(1), Sibu(2) and Kanowit(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 44, 2012 compared to Epid. Week 44, 2011 and cumulative cases until Epid. Week 44, 2012.

District / Division	2012		2011		Total
	EW 44	Cum.	EW 44	Cum.	
Lundu	1	31	0	19	22
Bau	0	31	0	37	42
Kuching	1	340	9	291	365
KUCHING	2	402	9	347	429
Samarahan	4	21	0	40	46
Asajaya	1	12	0	22	29
Simunjan	0	32	0	27	37
Serian	1	31	2	51	61
SAMARAHAN	6	96	2	140	173
Sri Aman	0	43	1	51	58
LubokAntu	0	26	2	42	49
SRI AMAN	0	69	3	93	107
Betong	0	44	1	37	43
Saratok	1	51	2	47	55
BETONG	1	95	3	84	98
Sarikei	0	50	0	46	51
Meradong	0	26	0	25	29
Pakan	0	22	0	17	22
Julau	0	17	0	22	22
SARIKEI	0	115	0	110	124
Daro	0	13	0	22	27
Matu	0	1	0	4	4
Dalat	3	8	0	13	14
Mukah	0	37	0	35	44
MUKAH	3	59	0	74	89
Sibu	9	190	6	149	175
Kanowit	0	33	3	36	42
Selangau	0	31	0	26	32
SIBU	9	254	9	211	249
Song	0	11	2	23	23
Kapit	0	48	0	44	60
Belaga	4	40	0	38	40
KAPIT	4	99	2	105	123
Tatau	1	35	1	36	43
Bintulu	5	184	7	159	187
BINTULU	6	219	8	195	230
Miri	14	260	8	279	306
Marudi	0	44	0	53	61
MIRI	14	304	8	332	367
Limbang	0	35	0	37	42
Lawas	0	24	0	21	24
LIMBANG	0	59	0	58	66
Sarawak	45	1771	44	1749	2055

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 44, 2012 compared to Epid. Week 44, 2011 and cumulative cases until Epid. Week 44, 2012.

District / Division	2012		2011		Total
	EW 44	Cum.	EW 44	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	1	0	1	3
KUCHING	0	1	0	1	3
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	1	0	0	0
Serian	0	0	0	0	0
SAMARAHAN	0	1	0	0	0
Sri Aman	0	0	0	0	0
LubokAntu	0	0	0	0	0
SRI AMAN	0	0	0	0	0
Betong	0	0	0	0	0
Saratok	0	0	0	0	0
BETONG	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Pakan	0	3	0	0	0
Julau	0	0	0	0	0
SARIKEI	0	3	0	0	0
Daro	0	0	0	0	0
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	4	0	0	1
MUKAH	0	4	0	0	1
Sibu	0	5	0	1	1
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
SIBU	0	4	0	1	1
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	2	0	3	6
KAPIT	0	2	0	3	6
Tatau	0	0	0	0	0
Bintulu	0	3	0	1	1
BINTULU	0	3	0	1	1
Miri	0	9	0	0	4
Marudi	0	9	0	0	5
MIRI	0	16	0	0	9
Limbang	0	1	0	3	4
Lawas	0	0	0	0	0
LIMBANG	0	1	0	4	4
Sarawak	0	37	0	10	25

7.3 Notified Tuberculosis (all forms) Case Classification as on 3rd November 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 44	Cum.	EW 44	Cum.	EW 44	Cum.
Lundu	1	23	0	4	0	4
Bau	0	26	0	5	0	0
Kuching	1	203	0	102	0	35
KUCHING	2	252	0	111	0	39
Samarahan	1	17	2	2	1	2
Asajaya	1	7	0	2	0	3
Simunjan	0	26	0	4	0	2
Serian	0	22	1	6	0	3
SAMARAHAN	2	72	3	14	1	10
Sri Aman	0	28	0	10	0	5
LubokAntu	0	23	0	2	0	1
SRI AMAN	0	51	0	12	0	6
Betong	0	35	0	4	0	5
Saratok	1	39	0	9	0	3
BETONG	1	74	0	13	0	8
Sarikei	0	24	0	17	0	9
Meradong	0	15	0	11	0	0
Pakan	0	7	0	11	0	4
Julau	0	7	0	10	0	0
SARIKEI	0	53	0	49	0	13
Daro	0	11	0	2	0	0
Matu	0	1	0	0	0	0
Dalat	2	7	0	0	1	1
Mukah	0	28	0	5	0	4
MUKAH	2	47	0	7	1	5
Sibu	6	130	1	35	2	25
Kanowit	0	22	0	6	0	5
Selangau	0	17	0	6	0	8
SIBU	6	169	1	47	2	38
Song	0	7	0	3	0	1
Kapit	0	22	0	13	0	13
Belaga	1	22	3	12	0	6
KAPIT	1	51	3	28	0	20
Tatau	1	19	0	12	0	4
Bintulu	1	82	4	89	0	13
BINTULU	2	101	4	101	0	17
Miri	9	192	4	50	1	18
Marudi	0	27	0	11	0	6
MIRI	9	219	4	61	1	24
Limbang	0	32	0	2	0	1
Lawas	0	16	0	1	0	7
LIMBANG	0	48	0	3	0	8
Sarawak	25	1137	15	446	5	188

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

45 cases were reported in Epid Week 44,2012. As on 3rd November 2012, the cumulative is 1771.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 3rd November 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 44	Cum.	*Exposed		*Not exposed		EW 44	Cum.	EW 44	Cum.	EW 44	Cum.
			EW 44	Cum.	EW 44	Cum.						
Lundu	0	1	0	2	0	0	0	0	0	7	0	0
Bau	0	0	0	1	0	0	0	0	0	0	0	0
Kuching	0	3	0	6	0	0	0	1	0	7	0	0
KUCHING	0	4	0	9	0	0	0	1	0	14	0	0
Samarahan	0	0	0	0	0	0	0	0	1	3	0	0
Asajaya	0	0	0	0	0	0	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0	0	0	0	3	0	0
Serian	0	2	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	0	2	0	0	0	0	0	0	1	5	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	2	0	0
LubokAntu	0	1	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	1	0	0	0	0	0	0	0	2	0	0
Betong	0	1	0	0	0	0	0	0	0	0	0	0
Saratok	0	0	0	0	0	0	0	0	0	0	0	0
BETONG	0	1	0	0	0	0	0	0	0	0	0	0
Sarikei	0	1	0	3	0	0	0	0	0	3	0	0
Meradong	0	2	0	0	0	0	0	0	0	1	0	0
Pakan	0	0	0	0	0	0	0	0	0	0	0	0
Julau	0	0	0	0	0	0	0	0	0	0	0	0
SARIKEI	0	3	0	3	0	0	0	0	0	3	0	0
Daro	0	0	0	0	0	0	0	0	0	2	0	0
Matu	0	0	0	0	0	0	0	0	0	0	0	0
Dalat	0	0	0	1	0	0	0	0	0	0	0	0
Mukah	0	1	0	1	0	0	0	0	0	2	0	0
MUKAH	0	1	0	2	0	0	0	0	0	4	0	0
Sibu	1	9	0	4	0	0	0	1	0	4	0	0
Kanowit	0	0	0	0	0	0	0	0	0	1	0	0
Selangau	0	3	0	0	0	0	0	0	0	3	0	0
SIBU	1	12	0	4	0	0	0	1	0	8	0	0
Song	0	0	0	0	0	0	0	0	0	0	0	0
Kapit	0	7	0	0	0	0	0	0	0	4	0	0
Belaga	1	7	0	1	0	0	0	0	2	4	0	0
KAPIT	1	14	0	1	0	0	0	0	2	8	0	0
Tatau	0	2	0	0	0	0	0	0	0	16	0	0
Bintulu	2	28	0	3	0	0	0	0	1	32	0	0
BINTULU	2	30	0	3	0	0	0	0	1	48	0	0
Miri	0	3	0	2	0	0	0	1	0	26	0	0
Marudi	0	5	0	0	0	0	0	0	0	2	0	0
MIRI	0	8	0	2	0	0	0	1	0	28	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	4	77	0	24	0	0	0	3	4	119	0	0

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

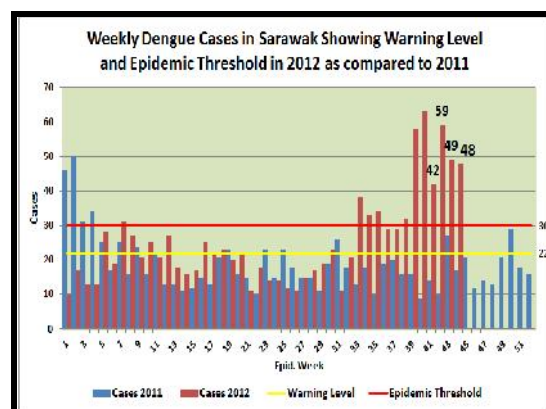
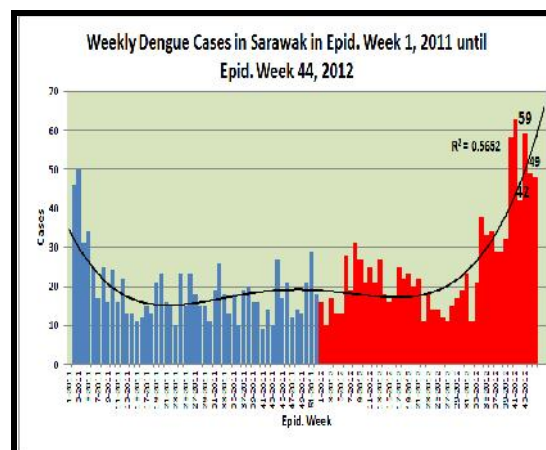
* Possibility of exposed or not exposed to TB patient

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 44, 2012 compared to Epid. Week 44, 2011 and cumulative cases until Epid. Week 44, 2012.

District	2012		2011		Total
	EW 44	Cum.	EW 44	Cum.	
Lundu	0	11	0	10	10
Bau	0	33	0	26	36
Kuching	2	135	0	96	106
Samarahan	0	32	0	20	21
Asajaya	1	6	0	4	4
Serian	0	22	1	16	18
Simunjan	1	14	0	13	19
Sri Aman	2	67	1	45	56
Lubok Antu	1	43	0	21	23
Betong	3	57	0	11	13
Saratok	4	27	0	7	11
Sarikei	0	30	2	24	28
Meradong	3	44	0	12	14
Pakan	1	43	2	18	23
Julau	1	35	0	14	17
Daro	0	5	0	6	6
Matu	0	0	0	1	1
Dalat	0	9	1	3	3
Mukah	0	9	0	5	5
Sibu	3	50	0	64	75
Kanowit	1	16	1	30	31
Selangau	0	5	0	9	10
Song	3	19	0	10	10
Kapit	2	65	0	27	32
Belaga	4	31	0	24	27
Tatau	2	30	0	35	47
Bintulu	5	97	2	93	100
Miri	3	106	4	109	134
Marudi	2	36	3	53	59
Limbang	1	19	0	18	20
Lawas	3	19	0	6	15
Sarawak	48	1115	17	830	974

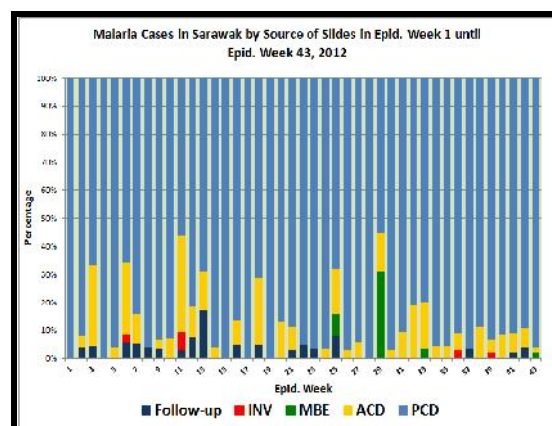
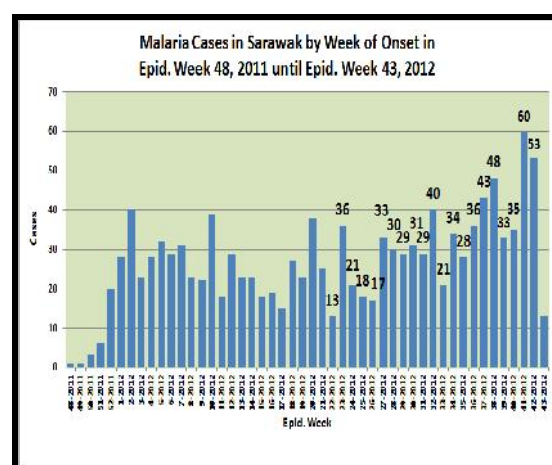
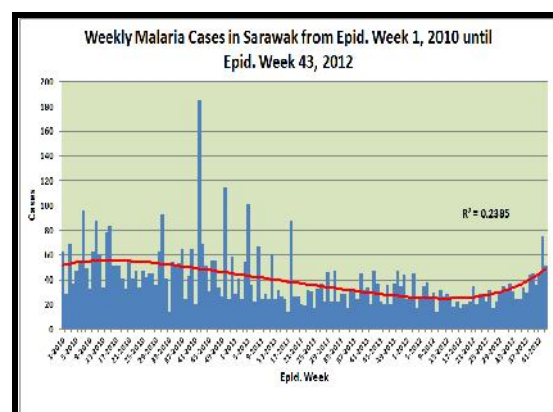


In 2012, a total of 48 dengue cases were reported for Epid Week 44 (3rd November, 2012) as compared to 17 cases during the same period in 2011. There is a decreases of 1 case from the previous week (Week 43,2012). There is no new outbreak locality reported for Epid Week 44. Four (4) outbreak localities were still active reported, in Meradong (1), Song (1) and Sibu (2).

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 43, 2012 compared to Epid. Week 43, 2011 and cumulative cases until Epid. Week 43 in 2012.

District	2012		2011		Total
	EW 43	Cum.	EW 43	Cum.	
Lundu	0	10	1	29	33
Bau	0	0	1	4	5
Kuching	0	18	3	22	23
Samarahan	0	3	0	3	3
Asajaya	0	0	0	0	1
Serian	0	5	0	20	21
Simunjan	1	4	0	2	2
Sri Aman	0	15	1	15	17
Lubok Antu	1	24	1	20	25
Betong	3	57	0	36	47
Saratok	3	29	1	3	3
Sarikei	1	18	0	15	16
Meradong	0	10	0	9	9
Pakan	0	49	1	22	29
Julau	3	66	0	62	69
Daro	0	6	0	1	2
Matu	0	1	0	0	2
Dalat	0	4	0	8	10
Mukah	0	2	0	2	2
Sibu	0	59	1	36	52
Kanowit	4	64	2	70	89
Selangau	2	35	2	14	16
Song	5	89	0	58	78
Kapit	9	180	7	190	230
Belaga	6	143	1	110	139
Tatau	1	25	1	28	34
Bintulu	0	27	1	37	39
Miri	1	26	0	31	40
Marudi	7	237	23	572	670
Limbang	0	24	0	17	21
Lawas	4	61	0	27	34
Sarawak	51	1291	47	1463	1761



A total of 51 cases were reported on Epid Week 43, 2012. Cumulative cases till Epid Week 43 were 1291 cases. Of the 1291 cases, 237 cases (18%) from Marudi District, 180 cases (14%) from Kapit District and 143 cases (11%) 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 43	Cum.
Passive Case Detection (PCD)	49	1136
Active Case Detection (ACD)	1	111
Investigation slides (INV)	0	6
Mass Blood Survey (MBS)	1	10
Follow-up	0	28
Total	51	1291

8.2.2. Malaria cases by species

Species	2012	
	EW 43	Cum.
<i>P. vivax</i>	7	372
<i>P. falciparum</i>	3	70
<i>P. malariae</i>	4	9
<i>P. knowlesi</i>	37	829
<i>P. ovale</i>	0	6
Mixed	0	5
Total	51	1291

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 43	Cum.
Indigenous	42	1050
*Imported A	8	195
Relapsed	1	46
Congenital	0	0
Total	51	1291

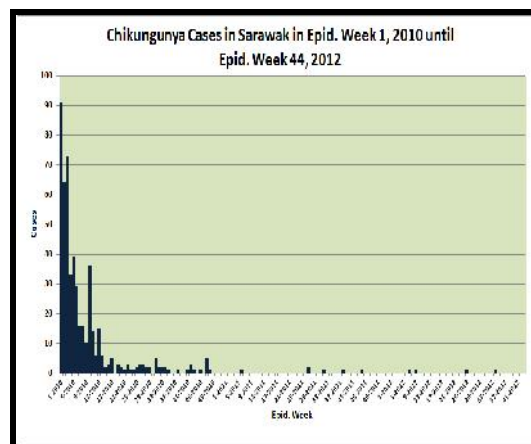
8.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Species
1	Kanowit	Indonesia	Indonesia	36	Male	<i>P. knowlesi</i>
2	Song	KKB Taman Industrial Limited, Congo, Afrika	Malaysian	43	Male	<i>P. falciparum</i>
3	Miri	Liberia, Arika	Malaysian	35	Male	<i>P. malariae</i>
4	Kanowit	KKB Active Reagen Congo, Afrika	Malaysian	50	Male	<i>P. falciparum</i>
5	Kapit	KKB Rimbunan Hijau, Cima, Ent., Bata, Equatorial Guinea, Afrika	Malaysian	42	Male	<i>P. vivax</i>
6	Sarikei	Kem Afrika	Malaysian	63	Male	<i>P. knowlesi</i>
7	Kapit	KKB Rimbunan Hijau, Cima, Ent, Bata, Equatorial Guinea, Afrika	Malaysian	33	Male	<i>P. falciparum</i>
8	Simunjan	Masara Camp, Pomio District, East New Brighton Province, PNG	Malaysian	52	Male	<i>P. vivax</i>

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 44, 2012 compared to Epid. Week 44, 2011 and cumulative cases until Epid. Week 44 in 2012.

District	2012		2011		Total
	EW 44	Cum.	EW 44	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	1	1
Samarahan	0	0	0	0	0
Asajaya	0	1	0	1	1
Serian	0	0	0	1	1
Simunjan	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	1	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Pakan	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	1
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	0	0	0
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
Song	0	1	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	0	0
Tatau	0	0	0	0	0
Bintulu	0	0	0	0	0
Miri	0	0	0	0	0
Marudi	0	0	0	1	1
Limbang	0	0	0	0	0
Lawas	0	0	0	0	0
Sarawak	0	4	0	5	6



Chikungunya

No case of Chikungunya was reported in week 44, 2012. During the same period in 2011, no case was reported. The cumulative case of Chikungunya for 2012 is 4.

EW = Epid. Week; Cum. = Cumulative figure

8.4. Filariasis

Three cases of Filariasis were reported in Epid Week 44, 2012 from Saratok district. During the same period in 2011, one case was reported. The cumulative case of Filariasis for 2012 is 26 cases.

8.5 Japanese Encephalitis (JE)

No case of Japanese Encephalitis (JE) was reported in Epid Week 44, 2012. During the same period in 2011, two cases were reported. The cumulative case of Japanese Encephalitis for 2012 is remained 6.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No case reported. As at 3rd October 2012, only one case of Viral Encephalitis reported.

9.2. Viral Hepatitis (all form)

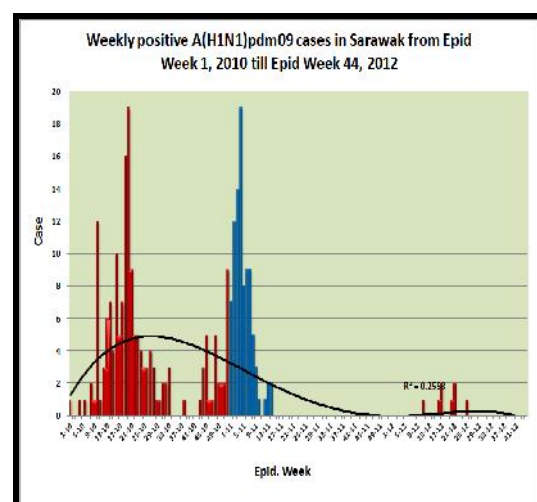
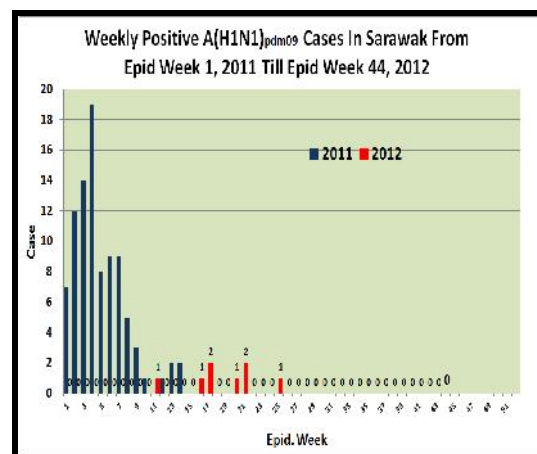
No case reported in Epid Week 44, 2012. As at 3rd November 2012, out of 101 viral hepatitis reported, two are Hepatitis A, 19 Acute Hepatitis B, 52 Chronic Hepatitis B, 13 Acute Hepatitis C and 27 Chronic Hepatitis C.

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 44, 2012 compared to Epid. Week 44, 2011 and cumulative cases until Epid. Week 44 in 2012.

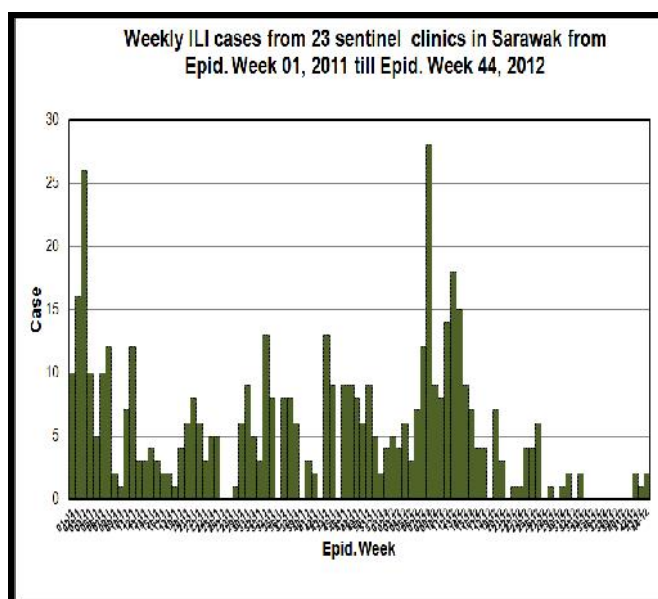
District	2012		2011		Total
	EW 44	Cum.	EW 44	Cum.	
Lundu	0	0	0	2	2
Bau	0	0	0	0	0
Kuching	0	2	0	51	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	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 44, 2012. Total positive cases in 2012 remain as eight.

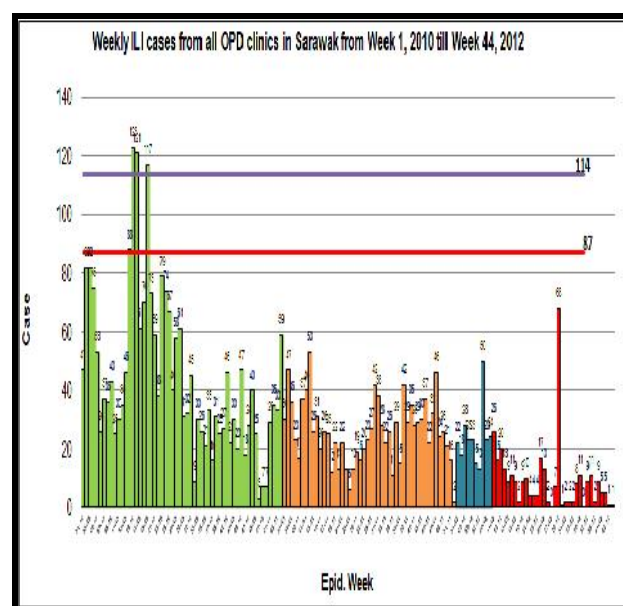
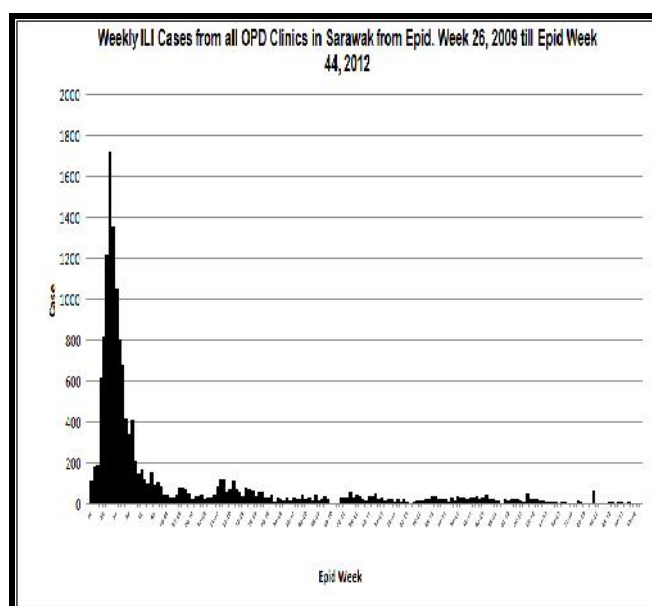
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2010 till Epid. Week 44 in 2012.



In Epid. Week 44, 2012, two cases 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).

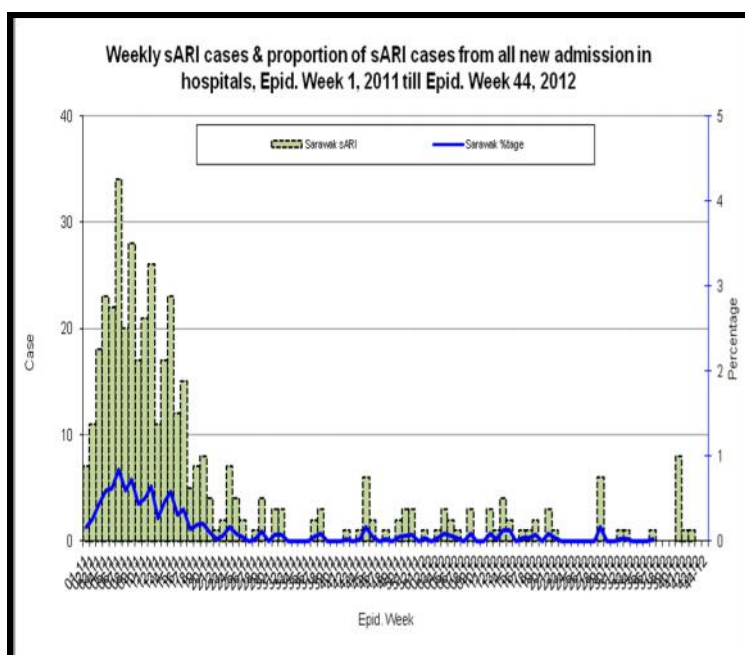


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 3rd November 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 3rd October 2012.

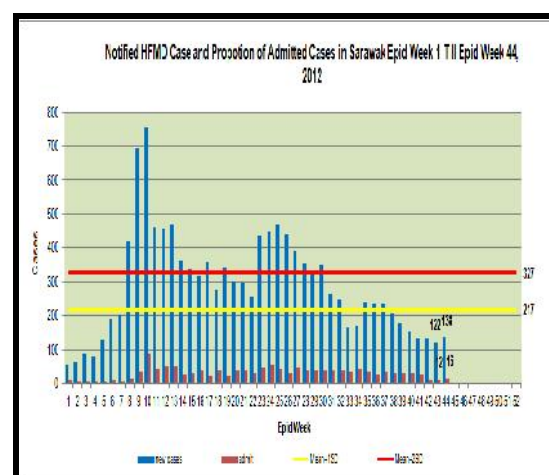
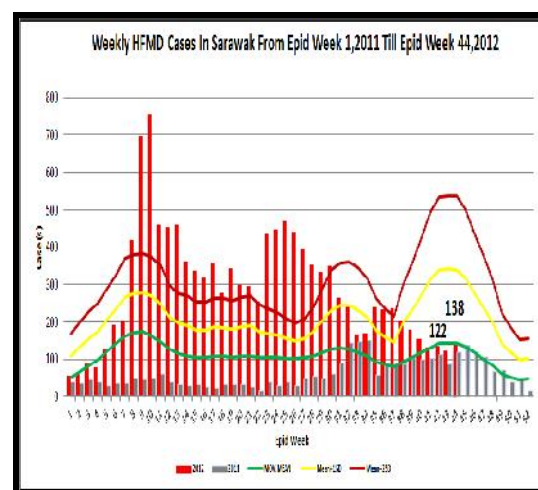
Division	Hospital	New EW 44	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	2	43	0	0	2	0	0	1	1
	Bau	0	1	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
Samarahan	Serian	0	0	0	0	0	0	0	0	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	6	78	0	0	6	0	0	6	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		8	124	0	0	8	0	0	7	1

EW = Epid. Week; Cum. = Cumulative figure

Eight sARI cases reported in Epid Week 44, 2012 from Sarawak General Hospital, Kuching(2) and Bintulu Hospital(6). Seven sample still pending and one case is negative for H1N1.

410.2. Notified HFMD (Masterlist) cases for Epid. Week 44, 2012 compared to Epid. Week 44, 2011 and cumulative cases in Epid. Week 44, 2011.

District / Division	2012		2011		Total
	EW 44	Cum.	EW 44	Cum.	
Lundu	5	240	0	24	31
Bau	7	377	0	80	149
Kuching	33	3672	24	462	602
KUCHING	45	4289	24	566	782
Samarahan	11	680	2	110	127
Asajaya	8	86	0	26	35
Simunjan	4	205	1	19	19
Serian	6	702	1	28	39
SAMARAHAN	29	1673	4	183	220
Sri Aman	2	474	1	91	97
Lubok Antu	0	80	0	14	18
SRI AMAN	2	554	1	105	115
Betong	5	343	1	43	57
Saratok	3	257	2	34	37
BETONG	8	600	3	77	94
Sarikei	8	512	5	161	188
Meradong	0	180	0	71	73
Pakan	7	92	0	6	7
Julau	0	127	0	31	32
SARIKEI	15	911	5	269	300
Daro	2	132	0	6	7
Matu	2	86	0	2	4
Dalat	1	114	3	22	84
Mukah	0	159	4	60	42
MUKAH	5	491	7	90	137
Sibu	8	870	8	124	149
Kanowit	0	46	0	22	6
Selangau	0	35	0	6	22
SIBU	8	951	8	152	177
Song	1	52	0	11	12
Kapit	1	399	0	50	64
Belaga	0	120	0	48	55
KAPIT	2	571	0	109	131
Tatau	0	98	0	25	25
Bintulu	7	810	2	638	25
BINTULU	7	908	2	663	772
Miri	13	1157	11	207	324
Marudi	1	107	0	47	49
MIRI	14	1264	11	254	373
Limbang	3	452	0	54	65
Lawas	0	97	0	4	4
LIMBANG	3	549	0	58	69
SARAWAK	138	12761	65	2526	3170



A total of 138 HFMD cases reported in Epid. Week 44, 2012 compared to only 65 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

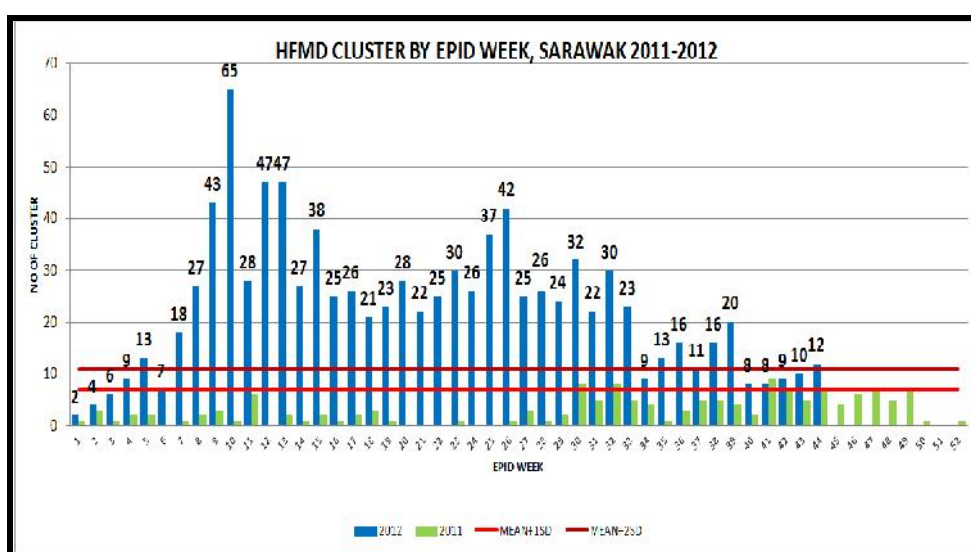
EW = Epid. Week; Cum. = Cumulative figure

10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 3rd November 2012.

District	Masterlist		Registered Case		Back Log	
	EW 44	Total	EW 44	Total	EW 44	Total
Kuching	33	3672	41	3680	-8	-8
Bau	7	377	4	374	3	3
Lundu	5	240	4	239	1	1
KUCHING	45	4289	49	4293	-4	-4
Samarahan	11	680	0	642	11	38
Asajaya	8	86	13	91	-5	-5
Simunjan	4	205	0	165	4	40
Serian	6	702	8	704	-2	-2
SAMARAHAN	29	1673	21	1602	8	71
Sri Aman	2	474	2	474	0	0
Lubok Antu	0	80	0	75	0	5
SRI AMAN	2	554	2	549	0	5
Betong	5	343	1	339	4	4
Saratok	3	257	5	259	-2	-2
BETONG	8	600	6	598	2	2
Sarikei	8	512	0	459	8	53
Meradong	0	180	0	180	0	0
Pakan	7	92	4	89	3	3
Julau	0	127	0	123	0	4
SARIKEI	15	911	4	851	11	60
Daro	2	132	0	128	2	4
Matu	2	86	0	59	2	27
Mukah	0	159	0	159	0	0
Dalat	1	114	0	101	1	13
MUKAH	5	491	0	447	5	44
Sibu	8	870	8	870	0	0
Selangau	0	35	0	35	0	0
Kanowit	0	46	0	45	0	1
SIBU	8	951	8	950	0	1
Kapit	1	399	0	391	1	8
Song	1	52	0	51	1	1
Belaga	0	120	22	150	-22	-30
KAPIT	2	571	22	592	-20	-21
Bintulu	7	810	43	935	-36	-125
Tatau	0	98	4	116	-4	-18
BINTULU	7	908	47	1051	-40	-143
Miri	13	1157	0	1113	13	44
Marudi	1	107	2	112	-1	-5
MIRI	14	1264	2	1225	12	39
Limbang	3	452	3	454	0	-2
Lawas	0	97	0	78	0	19
LIMBANG	3	549	3	532	0	17
SARAWAK	138	12761	164	12690	-26	71

10.2.2. HFMD Clusters and closure

Division	Cluster		Closure	
	EW44	Cum	EW44	Cum
Kuching	5	361	0	59
Samarahan	3	109	0	14
Sri Aman	0	19	0	0
Betong	1	49	0	10
Sarikei	1	116	0	28
Mukah	0	40	0	7
Sibu	0	65	0	0
Kapit	0	30	0	0
Bintulu	0	41	0	8
Miri	1	97	0	2
Limbang	1	79	0	6
Sarawak	12	1006	0	134



Division	Category of Cluster				Total
	Family	School	Kindergarten	Child Care Centre	
Kuching	5	0	0	0	5
Samarahan	3	0	0	0	3
Sri Aman	0	0	0	0	0
Betong	1	0	0	0	1
Sarikei	1	0	0	0	1
Mukah	0	0	0	0	0
Sibu	0	0	0	0	0
Kapit	0	0	0	0	0
Bintulu	0	0	0	0	0
Miri	1	0	0	0	1
Limbang	1	0	0	0	1
Total	12	0	0	0	12

10.3. Notified Leptospirosis cases for Epid. Week 44, 2012 compared to Epid. Week 44, 2011 and cumulative cases till Epid.Week 44 in 2012.

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (44) 2012	EW (44) 2011	EW (44) 2012	EW (44) 2011			
Lundu	0	0	0	0	4	6	0
Bau	0	0	0	0	9 (2)	5 (1)	1
Kuching	0	1	0	1	65 (2)	40 (2)	12
KUCHING	0	1	0	1	78 (4)	51 (3)	13
Samarahan	0	0	0	0	7	3	1
Asajaya	0	0	0	0	0	3	0
Simunjan	0	0	0	0	4	8 (1)	1
Serian	0	0	0	0	4	10 (2)	2
SAMARAHAN	0	0	0	0	15	24 (3)	4
Sri Aman	0	0	0	0	11	14 (2)	1
Lubok Antu	0	0	0	0	13	11	3 (1)
SRI AMAN	0	0	0	0	24	25 (2)	4 (1)
Betong	0	0	0	0	8	5 (1)	0
Saratok	0	0	0	0	4	6 (1)	0
BETONG	0	0	0	0	12	11 (2)	0
Sarikei	0	0	0	0	6 (1)	1	1
Meradong	0	0	0	0	2	24	1
Pakan	0	0	0	0	4 (1)	3	1
Julau	0	0	0	0	1	0	1
SARIKEI	0	0	0	0	13 (2)	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	2	2	6
Kanowit	0	0	0	0	6 (1)	4	1
Selangau	0	0	0	0	2	3	0
SIBU	0	0	0	0	10 (1)	9	7
Song	0	0	0	0	1	1	2
Kapit	0	0	0	0	50	12	1
Belaga	0	0	0	0	3	7 (1)	0
KAPIT	0	0	0	0	54	20 (1)	3
Tatau	0	0	0	0	2	1	0
Bintulu	0	0	0	0	6	10 (2)	6
BINTULU	0	0	0	0	8	11 (2)	6
Miri	0	1	0	0	10	16 (1)	3
Marudi	0	0	0	0	2	2	2
MIRI	0	1	0	0	12	18 (1)	5
Limbang	0	0	0	0	21 (1)	2 (1)	1
Lawas	0	0	0	0	0	0	0
LIMBANG	0	0	0	0	21 (1)	2 (1)	1
SARAWAK	0	2	0	1	247 (8)	203 (16)	49 (1)

Note: () Death; ELISA = Enzyme-Linked Immunosorbent Assay; MAT = microscopic agglutination test

Total positive = ELISA (probable) + MAT (not included equivocal result)

2011: Number of cases will depend on which Epid. Week results are received

District indicates source of infection.

Leptospirosis was gazetted as a notifiable disease mandated by under the Prevention and Control of Infectious Disease Act 1988 on 9th December 2010 (Surat Pekeliling Ketua Pengarah Kesihatan Malaysia Bil. 33/2010

10.3.1 Locality of Leptospirosis Cluster in Sarawak Epid. Week 1 until Epid. Week 44, 2012

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

10.4. Notified Melioidosis cases for Epid. Week 44, 2011 compared to Epid. Week 44, 2011 and cumulative cases until Epid. Week 44, 2012

District / Division	Case classification				Total		
	Confirmed		Probable		2012	2011	2010
	EW (44) 2012	EW (44) 2011	EW (44) 2012	EW (44) 2011			
Lundu	0	0	0	0	0	0	0
Bau	0	0	0	0	0	1	0
Kuching	0	0	0	0	3	4	12 (1)
KUCHING	0	0	0	0	3	5	12 (1)
Samarahan	0	0	0	0	0	0	0
Asajaya	0	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0	0
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)
Sarikel	0	0	0	0	0	0	2
Meradong	0	0	0	0	0	0	2
Pakan	0	0	0	0	1	0	0
Julau	0	0	0	0	0	0	2
SARIKEI	0	0	0	0	1	0	6
Daro	0	0	0	0	0	0	0
Matu	0	0	0	0	0	0	0
Idalat	0	0	0	0	1	0	1
Mukah	0	0	0	0	0	2	3 (1)
MUKAH	0	0	0	0	1	2	4 (1)
Sibu	0	0	0	0	0	1	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	7	28	62 (3)	162 (1)
Belaga	0	0	0	0	0	21 (4)	28 (1)
KAPIT	0	0	0	7	28	84 (7)	197 (4)
Tatau	0	0	0	0	0	4 (1)	14 (4)
Bintulu	0	0	0	0	0	6	49 (1)
BINTULU	0	0	0	0	0	10 (1)	63 (5)
Miri	0	0	0	0	2	7 (2)	35 (1)
Marudi	0	0	0	0	0	1	7
MIRI	0	0	0	0	2	8 (2)	42 (1)
Limbang	0	0	0	0	0	0	2
Iawas	0	0	0	0	0	0	1 (1)
LIMBANG	0	0	0	0	0	0	3 (1)
SARAWAK	0	0	0	7	37 (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

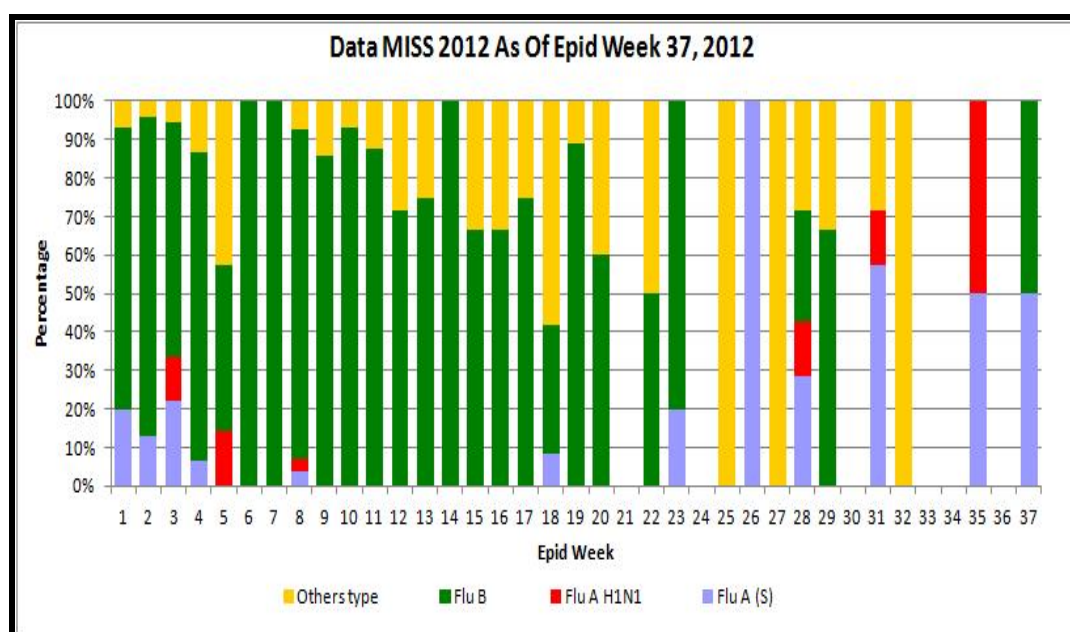
Note

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

® Hospital indicate facility where patient admitted

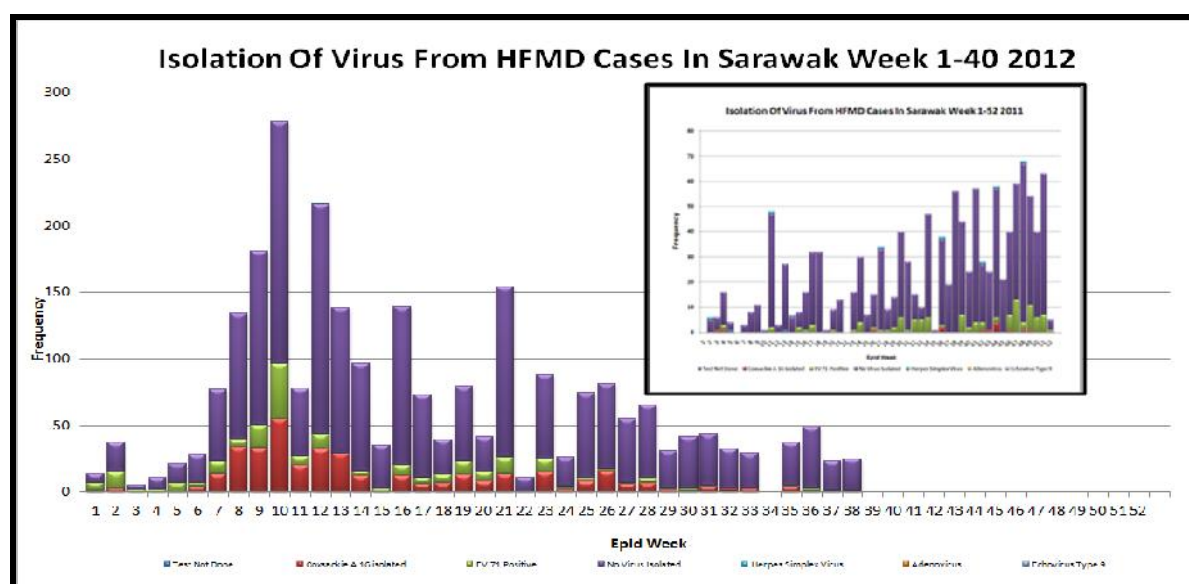
11. LABORATORY BASED SURVEILLANCE

11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah*) from Epid Week 1 till Epid Week 37, 2012.

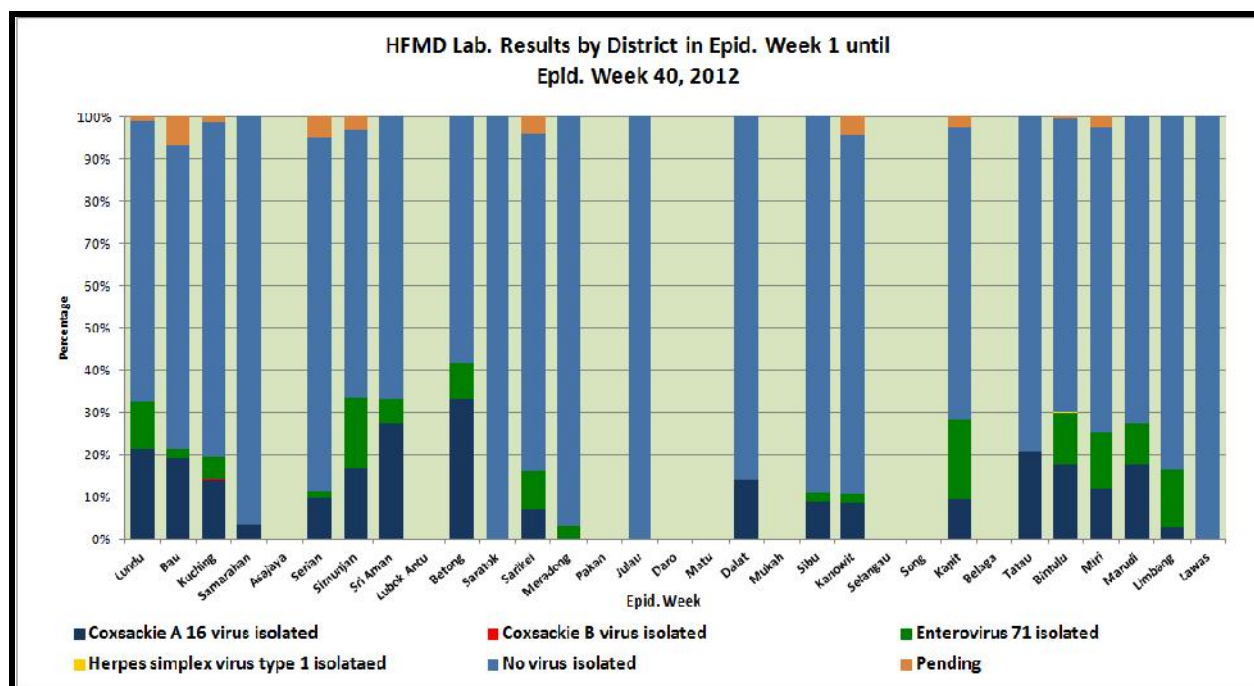


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

11.3. Laboratory Based Surveillance HFMD, EW 1- EW 40, 2012 compared to 2011 in Sarawak.



As of 3rd October, 2012, 2642 HFMD samples sent to MKAK Sg Buloh. Out of this, 2586 samples with result, 56 still pending and one sample was rejected. A total of 575 (22.2%) virus isolated of which 370 Coxsackie A16 (64.3%), 203 EV 71 (35.3%), one Coxsackie B (0.2%) and one Herpes Simplex Type 1 (0.2%)



Appendix 1

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

Notes: 1) Leptospirosis was gazetted as a notifiable disease on 9th December 2010;

2) **All Malaria cases should be notified within 3 days and as for Sarawak to be notified within 24 hours** (Source: Vector Borne Disease Control Section, Sarawak Health Department)

Reporting and notifying of the above 28 infectious diseases is mandated by the Prevention and Control of Infectious Disease Act 1988. Every medical practitioner who treats or becomes aware of the existence of any infectious disease in any premises, with least practicable delay, shall notify to the nearest Medical Officer of Health as stipulated under this Act (First Schedule).

PREVENTION AND CONTROL OF INFECTIOUS DISEASES ACT

FIRST SCHEDULE

[Section 2]

INFECTIOUS DISEASES

PART I

1. Chancroid.
2. Cholera.
3. Dengue Fever and Dengue Haemorrhagic Fever.
4. Diphtheria.
5. Dysentries (All forms).
- 5A. Ebola.
6. Food poisoning.
7. Gonococcal Infectious (All forms).
- 7A. Hand, Foot and Mouth Disease (HFMD).
8. Leprosy.
- 8A. Leptospirosis.
9. Malaria.
10. Measles.
- 10A. *Deleted*.
11. Plague.
12. Poliomyelitis (Acute).
13. Rabies.
14. Relapsing Fever.
15. Syphilis (All forms).
16. Tetanus (All forms).
17. Tuberculosis (All forms).
18. Typhoid and Paratyphoid Fevers.
19. Typhus and other Rickettsioses
20. Viral Encephalitis.
21. Viral Hepatitis.
22. Whooping Cough.
23. Yellow Fever.
24. Any other life threatening microbial infection.

PART II

Human Immunodeficiency Virus Infection (All forms)

Appendix 2

The addresses and contact numbers of the Medical Officer of Health/Divisional Health Officers in Sarawak are listed below (as at 29th September 2012)

No.	Name/Designation	Office address	E-mail address	Tel. / Fax / Handphone number
1	Ketua Penolong Pengarah Kanan Dr. Razitasham Safii	Seksyen Kawalan Penyakit Berjangkit, Jabatan Kesihatan Negeri Sarawak,	razitasham@srwk.moh.gov.my	Tel: 082-421442 Fax: 082-234571 Hp: 013-8047635
2	Ketua Penolong Pengarah Dr. Noorzilawati Sahak	Seksyen Kawalan Penyakit Berjangkit, Jabatan Kesihatan Negeri Sarawak.	drnoorzila@gmail.com noorzilawati.s@srwk.moh.gov.my	Tel: 082-246935 Fax: 082-234571 Hp: 014-6999126
3	Pegawai Kesihatan Bahagian Bahagian Kuching Dr. Kamarudin Lajim	Pejabat Kesihatan Bahagian, Bahagian Kuching, Jalan Tun Ahmad Zaidi Adruce, 93250 KUCHING.	kamarudinl@srwk.moh.gov.my	Tel: 082-238635/257867 Fax: 082-414542/250037 Hp: 013-8014332
4	Pegawai Epidemiologi Bahagian Bahagian Kuching Dr. Ruziana Miss	Pejabat Kesihatan Bahagian, Bahagian Kuching, Jalan Tun Ahmad Zaidi Adruce, 93250 KUCHING.	ruziana.m@srwk.moh.gov.my	Tel: 082-238635/257867 Fax: 082-414542/250037 Hp: 019-8356456
5	Pegawai Kesihatan Bahagian Bahagian Samarahan Dr. Julaidah Sharip	Pejabat Kesihatan Bahagian, Bahagian Samarahan, Jalan Datuk Muhammad Musa, 94300 KOTA SAMARAHAN.	julaidah.s@srwk.moh.gov.my	Tel: 082-673626 Fax: 082-673632 Hp: 019-8270869
6	Pegawai Kesihatan Bahagian Bahagian Sri Aman Dr. Musalnizan bt Mustalkan	Pejabat Kesihatan Bahagian, Bahagian Sri Aman, Tingkat 3, Wisma Persekutuan, Jalan Hospital 95007 SRI AMAN.	musalnizan@yahoo.com	Tel: 083-332176 Fax: 083-322058 Hp: 013-8187779
7	Pegawai Kesihatan Bahagian Bahagian Betong Dr. Jeffery Stephen	Pejabat Kesihatan Bahagian, Bahagian Betong, KM 2, Jalan Betong, 95700 BETONG.	stjeffery@srwk.moh.gov.my	Tel: 083-472116 Fax: 083-471870 Hp: 019-8584053
8	Pegawai Kesihatan Bahagian Bahagian Sarikei Dr. Hasrina Hassan	Pejabat Kesihatan Bahagian Bahagian Sarikei Tingkat 3, Wisma Persekutuan 96100 SARIKEI	hasrina@srwk.moh.gov.my	Tel: 084-651077 Fax: 084-654088 Hp: 013-3403363
9	Pegawai Kesihatan Bahagian Bahagian Sibu Dr. Muhamad Rais Abdullah	Pejabat Kesihatan Bahagian, Bahagian Sibu, Tingkat 5, Wisma Persekutuan, Persiaran Brooke, 96000 SIBU.	mdrais@srwk.moh.gov.my	Tel: 084-315494 Fax: 084-348284 Hp: 019-8196459
10	Pegawai Kesihatan Bahagian Bahagian Kapit Dr. Ngian Hie Hung	Pejabat Kesihatan Bahagian, Bahagian Kapit, Tingkat 3, Wisma Persekutuan, 96800 KAPIT.	ngiahu@srwk.moh.gov.my	Tel: 084-796404 Fax: 084-332502 Hp: 017-8030839
11	Pegawai Kesihatan Bahagian Bahagian Mukah Dr. Hj. Osman Hji. Rafaie	Pejabat Kesihatan Bahagian, Bahagian Mukah, Jalan Haji Muhammad Pauzi, 96400 MUKAH.	dho_mukah@yahoo.com	Tel: 084-873301 Fax: 084-872963 Hp: 013-8014700
12	Pegawai Kesihatan Bahagian Bahagian Bintulu Dr. Mohd Nasir Habib	Pejabat Kesihatan Bahagian, Bahagian Bintulu, Lebuhraya Abang Galau, 97000 BINTULU.	habibmnasir@gmail.com	Tel: 086-331455 Fax: 086-661814 Hp: 013-3440575
13	Pegawai Kesihatan Bahagian Bahagian Miri Dr. Faizul Mansoor	Pejabat Kesihatan Bahagian, Bahagian Miri, Jalan Temenggong Oyong Lawai Jau, 98000 MIRI.	bmfaizul@srwk.moh.gov.my	Tel: 086-424722 Fax: 086-429987 Hp: 013-8335504
14	Pegawai Epidemiologi Bahagian Bahagian Miri Dr. Veronica Lughah	Pejabat Kesihatan Bahagian, Bahagian Miri, Jalan Temenggong Oyong Lawai Jau, 98000 MIRI.	verolugah@yahoo.com	Tel: 086-424722 Fax: 086-429987 Hp: 019-6061847
15	Pegawai Kesihatan Bahagian Bahagian Limbang Dr. Norliza Jusoh	Pejabat Kesihatan Bahagian, Bahagian Limbang, Jalan Pandaruan, 98700 LIMBANG.	norlizaj@srwk.moh.gov.my	Tel: 085-211046 Fax: 085-429987 Hp: 019-8163163

ADVISORS:

Datu Dr Zulkifli Jantan
State Director – Sarawak Health Department

Dr Jamilah Hashim
State Deputy Director (Public Health)

Datu Dr Andrew Kiyu
Consultant Epidemiologist

CHIEF EDITOR:

Dr Razitasham Safii, CDC Section

EDITORS & CONTRIBUTORS:

Tn Hj Asmad Matusop, Entomology Section

Dr Sarina Shuib, VBDC Section

Dr Noorzilawati Sahak, CPRC Unit

Mr Abdul Kadir Mohd. Anis

Mr Davidson Clinn Tayus

Mr Francis Elesius

Ms Carol Lim Wai Cheng

Mr Ahmad Zaidi Ujang

Ms Maliza Jalel

Mr Muslim Mhd. Ghazali

PPKP, VBDC Section

PPKP, STD/AIDS Section

PPKP, TB/CPL/LCP Section

GRAPHIC:

Dr Noorzilawati binti Sahak

Mr Davidson Clinn Tayus

CORRESPONDENCE:

COMMUNICABLE DISEASE CONTROL SECTION,
Sarawak Health Department,
Jalan Diplomatik, Off Jalan Bako
93050 Kuching,
Sarawak

Phone: 082-443248/473200

Fax: 082-443098

Email: opsroom_jkns@srwk.moh.gov.my OR
cdcjkns@gmail.com



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.