



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 14

3th March- 6th April, 2013

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

Local update:

Number of HFMD cases increased above the outbreak level.

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	5
HIV/AIDS and STI	9
Tuberculosis and Leprosy	11
Vector Borne Diseases	14
Other Infectious Diseases	18
Emerging/Re-emerging Infectious and Zoonotic Diseases	19
Laboratory based surveillance	28



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

Dengue

No	Disease	District	Locality	No. Of cases	Outbreak declared	Outbreak Reported
1	Dengue	Sarikei	Jln. Pengiran Kadir	2	31.03.13	14.04.13

HFMD

District	Category Of HFMD Cluster, Epid Week 14, 2013				Total	New Closure
	Family	Child Care Centre	Kindergarten	School		
Bau	1	0	0	0	1	0
Kuching	5	0	0	0	5	0
Samarahan	1	0	0	0	1	0
Lubok Antu	2	0	0	0	2	0
Saratok	3	0	0	0	3	0
Sarikei	2	0	0	0	2	0
Belaga	1	0	0	0	1	0
Bintulu	1	0	0	0	1	0
Miri	6	0	0	0	6	0
Limbang	0	0	0	1	1	0
Sarawak	22	0	0	1	23	0

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 14, 2013

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											3				1									6			
Bau											9								1								
Kuching										2	61				2									3			
Samarahan										1	5																
Asajaya										1	1																
Simunjan											4																
Serian											4													1			
Sri Aman											6								1								
L/ Antu						2																					2
Betong											5																
Saratok											20				1												
Sarikei						2					16		1														
Meradong	1/0										9																
Pakan											4		1														
Julau						1																					
Daro																											1
Matu																											
Dalat																								1			
Mukah											4																
Sibu	1/0					3				3	23			1					2			1					
Kanowit											36																
Selangau																											2
Song											7		1														
Kapit						2					4		4														
Belaga						3					8		2														
Tatau											5																
Bintulu						3					31		1		1					1							2
Miri											97		1														2
Marudi						1					6													1			
Limbang											2																
Lawas						2					2																
TOTAL (Week 14)						19				7	367		11		5				4					12			
Total (2013)	49/18					538	2		320	157	4291		243	15	118				48	2	541	4		49			76
Total (2012)	159/102	0	0	111	0	1519	38	0	1463	479	13495	46	1573	12	724	0	0	0	271	1	2187	33	0	177	1	0	271
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).

Note: HIV/AIDS, Syphilis & Gonorrhoea up to week 11.

** 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 EpidWeek 1 until Epid Week 14, 2013

District	Input Notification / Registered cases								
	Typhoid/Paratyphoid				FP*	Cholera	Dysentery		Hep. A
	Suspected	<i>S. typhi</i>	Para. A	Para. B			S	C	
Lundu	0	0	0	0	0	0	0	0	0
Bau	0	0	0	0	0	0	0	0	0
Kuching	0	0	0	0	29(1)	0	4	0	0
Asajaya	0	0	0	0	30	0	1	0	0
Samarahan	0	0	0	0	0	0	1	0	0
Simunjan	0	0	0	0	0	0	0	0	0
Serian	0	0	0	0	77	0	0	0	0
Sri Aman	0	0	0	0	0	0	0	0	0
LubokAntu	35	2	0	0	0	0	0	0	0
Betong	0	0	0	0	4	0	1	0	0
Saratok	0	0	0	0	2	0	2	1	0
Sarikei	0	0	0	0	0	0	5	0	0
Maradong	2	2	0	0	0	0	0	0	0
Julau	0	0	0	0	0	0	1	0	0
Pakan	0	0	0	0	4	0	4	1	0
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
Matu	0	0	0	0	0	0	0	0	0
Sibu	0	1	0	0	6	0	5	0	0
Kanowit	1	0	0	0	73	0	3	0	0
Selangau	0	0	0	0	54	0	0	0	0
Kapit	0	0	0	0	6 (1)	0	1	0	0
Belaga	0	0	0	0	4	0	0	0	0
Song	0	0	0	0	35	0	1	0	0
Bintulu	1	1	0	0	4	0	3	0	0
Tatau	0	0	0	0	0	0	1	0	0
Miri	0	0	0	0	15	0	0	0	0
Marudi	0	0	0	0	3	0	0	0	0
Limbang	1	0	0	0	8	0	0	0	0
Lawas	0	0	0	0	12	0	0	0	0
Total	40	5	0	0	369(2)	0	37	2	0
2012	132	28	7	3	1551	111	131	15	3

*Note:

S = Suspected; C = Confirmed

FP: Food Poisoning

() = Death

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. Total number of Vaccine Preventable Diseases (VPD) by division from Epid. Week 1 until Epid Week 14, 2013

Division	TYPES OF DISEASES										
	Measles					Rubella	Tetanus C	Whooping Cough		Hepatitis B	
	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirme d		S	C	Acute	Chronic
		Lab. Confirmed	Clinically Confirmed	Epid · Link							
Kuching	21	0	0	0	10	3	0	9	0	0	4
Samarahan	10	0	0	0	6	0	0	4	1	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	0	1
Betong	9	0	0	0	4	1	0	0	0	0	2
Sarikei	15	2	0	0	9	2	1	0	0	0	0
Sibu	3	0	0	0	2	0	0	1	0	0	0
Kapit	26	0	0	0	12	9	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	1	0	1	1
Bintulu	7	0	0	0	1	1	1	0	0	0	0
Miri	23	0	0	0	13	5	0	0	0	0	3
Limbang	4	0	0	0	4	0	0	0	0	1	7
Sarawak	118	2	0	0	61	21	2	15	1	2	18

Note: S = suspected; C = confirmed

5.2. Measles Elimination Programme (MEP) Achievement by Division from Epid. Week 1 until Epid Week 14, 2013

Division	No. Of cases	Indicator High Quality Surveillance (>80%)					
		No. of Suspected cases Notified within 24 hours	% of Suspected cases Notified within 24 hours	No of suspected cases with adequate Investigation within 48 hours of notification	% of suspected cases with adequate Investigation within 48 hours of notification	No of suspected cases with adequate blood specimens	% of suspected cases with adequate blood specimens
Kuching	21	18	85.71	20	95.24	21	100.00
Samarahan	10	10	100.00	10	100.00	10	100.00
Sri Aman	0	0	0	0	0	0	0
Betong	9	9	100.00	7	77.78	9	100.00
Sarikei	15	14	93.33	14	93.33	15	100.00
Sibu	3	3	100.00	3	100.00	3	100.00
Kapit	26	24	92.31	26	100.00	26	100.00
Mukah	0	0	0	0	0	0	0
Bintulu	7	6	85.71	7	100.00	7	100.00
Miri	23	21	91.30	20	86.96	21	91.30
Limbang	4	4	100.00	4	100.00	4	100.00
Sarawak	118	109	92.37	111	94.07	116	98.31

Reported AFP cases in Sarawak, in Epid Week 1-14, 2013.

Division	Population age < 15	Reported AFP 2012	¹ Expected AFP 2013	Reported AFP 2013	Indicators		
					² Adequate stool	³ Adequate follow up	Discard category
Kuching	238,400	1	2	0	1	0	0
Samarahan	79,300	3	1	0	0	0	0
Sri Aman	33,300	0	1	0	1	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	1	1	0	0	0	0
Miri	123,500	2	1	1	2	0	1
Bintulu	75,800	1	1	0	0	0	0
Limbang	30,400	0	1	0	0	0	0
TOTAL	854.7	8	12	1	4	0	1

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 at 24 hours apart within 14 days from the onset of paralysis : Target >80%

-³Follow-up examination for residual paralysis at 60 days after onset of paralysis : Target >80%

Case Definition of AFP :

Sudden onset of acute paralysis especially in the legs or arms in children less than 15 years old.

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 14, 2013 and cumulative cases from Epid.Week 1,2013 until Epid Week 14 ,2013.

HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		2		1	
Kuching		17		9	
KUCHING	0	19	0	10	
Samarahan		3		4	
Asajaya		0		2	
Simunjan		0		3	
Serian		2		1	
SAMARAHAN	0	5	0	10	
Sri Aman		0		1	
Lubok Antu		0		0	
SRI AMAN	0	0	0	1	
Betong		0		0	
Saratok		0		0	
BETONG	0	0	0	0	
Sarikel		0		0	
Meradong	1	0		0	
Pakan		1		0	
Julau		0		0	
SARIKEI	1	1	0	0	
Daro		0		0	
Matu		0		0	
Dalat		0		0	
Mukah		0		0	
MUKAH	0	0	0	0	
Sibu	1	3		2	
Kanowit		1		1	
Selangau		0		0	
SIBU	1	4	0	3	
Song		0		0	
Kapit		0		0	
Belaga		2		0	
KAPIT	0	2	0	0	
Tatau		0		0	
Bintulu		4		0	
BINTULU	0	4	0	0	
Miri		11	4	8	
Marudi		0		1	
MIRI	0	11	4	9	
Limbang		0		1	
Lawas		3		1	
LIMBANG	0	3	0	2	
Sarawak	2	49	4	35	

AIDS

District / Division	2012		2013		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		0		1	
Kuching		3		12	
KUCHING	0	3	0	13	
Samarahan		0		0	
Asajaya		1		0	
Simunjan		1		0	
Serian		2		1	
SAMARAHAN	0	4	0	1	
Sri Aman		0		0	
Lubok Antu		0		0	
SRI AMAN	0	0	0	0	
Betong		0		1	
Saratok		0		0	
BETONG	0	0	0	1	
Sarikel		1		0	
Meradong		1		1	
Pakan		1		1	
Julau		0		0	
SARIKEI	0	3	0	2	
Daro		0		0	
Matu		0		0	
Dalat		0		0	
Mukah		1		0	
MUKAH	0	1	0	0	
Sibu		2	1	1	
Kanowit		0		1	
Selangau		0		0	
SIBU	0	2	1	2	
Song		1		0	
Kapit		0		0	
Belaga		0		2	
KAPIT	0	1	0	2	
Tatau		0		0	
Bintulu		0		4	
BINTULU	0	0	0	4	
Miri		1		4	
Marudi		1		0	
MIRI	0	2	0	4	
Limbang		1		0	
Lawas		1		0	
LIMBANG	0	2	0	0	
Sarawak	0	18	1	29	

EW = Epid. Week; Cum. = Cumulative figure

6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 14, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 14, 2013.

Gonorrhoea

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		3	
Bau		1		0	
Kuching	2	68	2	41	
KUCHING	2	69	2	44	
Samarahan	1	20	2	9	
Asajaya	1	8		4	
Simunjan		2	1	3	
Serian		2		2	
SAMARAHAN	2	32	3	18	
Sri Aman		0		2	
Lubok Antu		0		1	
SRI AMAN	0	0	0	3	
Betong		3		0	
Saratok		3		0	
BETONG	0	6	0	0	
Sarikei		1		0	
Meradong		0		0	
Pakan		0		1	
Julau		0		0	
SARIKEI	0	1	0	1	
Daro		1		2	
Matu		1		5	
Dalat		0		0	
Mukah		4		2	
MUKAH	0	6	0	9	
Sibu	3	22	4	14	
Kanowit		1		0	
Selangau		0		1	
SIBU	3	23	4	15	
Song		0		0	
Kapit		3		0	
Belaga		0		0	
KAPIT	0	3	0	0	
Tatau		4		0	
Bintulu		8		3	
BINTULU	0	12	0	3	
Miri		4	2	13	
Marudi		0		2	
MIRI	0	4	2	15	
Limbang		1	1	2	
Lawas		0		2	
LIMBANG	0	1	1	4	
Sarawak	7	157	12	112	

Syphilis

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		1	
Bau	1	2		2	
Kuching		4	2	25	
KUCHING	1	6	2	28	
Samarahan		4		7	
Asajaya		0		2	
Simunjan		2	1	1	
Serian		1		1	
SAMARAHAN	0	7	1	11	
Sri Aman	1	4	2	6	
Lubok Antu		2	1	3	
SRI AMAN	1	6	3	9	
Betong		0		0	
Saratok		0		0	
BETONG	0	0	0	0	
Sarikei		1		0	
Meradong		0		0	
Pakan		1		1	
Julau		0		0	
SARIKEI	0	2	0	1	
Daro		0		0	
Matu		0		0	
Dalat		1		0	
Mukah		0		1	
MUKAH	0	1	0	1	
Sibu	2	15		11	
Kanowit		1		0	
Selangau		1	1	1	
SIBU	2	17	1	12	
Song		0		0	
Kapit		0		1	
Belaga		2		0	
KAPIT	0	2	0	1	
Tatau		0		0	
Bintulu		3		4	
BINTULU	0	3	0	4	
Miri		1		2	
Marudi		1		1	
MIRI	0	2	0	3	
Limbang		1		1	
Lawas		1		0	
LIMBANG	0	2	0	1	
Sarawak	4	48	7	71	

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

7.1 Notified Tuberculosis cases for Epid. Week 14, 2013 compared to Epid. Week 14, 2012 and cumulative cases until Epid. Week 14, 2013.

District / Division	2013		2012		
	EW (14)	Cum.	EW (14)	Cum.	Total
Lundu	0	11	1	6	38
Bau	3	18	0	13	38
Kuching	7	148	6	108	501
KUCHING	10	177	7	127	577
Samarahan	1	21	1	16	44
Asajaya	0	9	0	8	22
Simunjan	0	15	0	16	47
Serian	0	17	0	12	40
SAMARAHAN	1	62	1	52	153
Sri Aman	3	14	3	14	63
Lubok Antu	0	5	0	8	44
SRI AMAN	3	19	3	22	107
Betong	2	16	1	10	52
Saratok	2	9	0	11	59
BETONG	4	25	1	21	111
Sarikei	0	8	1	14	73
Meradong	0	5	1	10	38
Pakan	0	8	0	3	32
Julau	1	7	2	6	20
SARIKEI	1	28	4	33	163
Daro	0	3	2	6	27
Matu	0	1	0	5	10
Dalat	0	0	0	1	13
Mukah	1	8	2	16	64
MUKAH	1	12	4	28	114
Sibu	7	48	7	60	226
Kanowit	0	6	0	12	41
Selangau	0	9	1	15	51
SIBU	7	63	8	87	318
Song	0	3	0	4	10
Kapit	0	17	0	16	60
Belaga	0	9	2	9	47
KAPIT	0	29	2	29	117
Tatau	1	9	0	14	53
Bintulu	6	73	5	51	252
BINTULU	7	82	5	65	305
Miri	7	86	4	78	310
Marudi	1	12	3	21	81
MIRI	8	98	7	99	391
Limbang	1	13	1	17	52
Lawas	0	10	3	7	22
LIMBANG	1	23	4	24	74
Sarawak	43	618	46	587	2430

7.2 Notified Leprosy cases for Epid. Week 14, 2013 compared to Epid. Week 14, 2012 and cumulative cases until Epid. Week 14, 2013.

District / Division	2013		2012		
	EW (14)	Cum.	EW (14)	Cum.	Total
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	0	1
KUCHING	0	0	0	0	1
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	1
SAMARAHAN	0	0	0	0	1
Sri Aman	0	0	0	0	1
Lubok Antu	0	0	0	0	0
SRI AMAN	0	0	0	0	1
Betong	0	0	0	0	0
Saratok	0	0	0	0	0
BETONG	0	0	0	0	0
Sarikei	0	0	0	0	1
Meradong	0	0	0	0	0
Pakan	0	0	0	0	0
Julau	0	0	0	0	2
SARIKEI	0	0	0	0	3
Daro	0	0	0	0	1
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	1	0	0	5
MUKAH	0	1	0	0	6
Sibu	0	0	0	0	5
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
SIBU	0	0	0	0	5
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	3	0	0	4
KAPIT	0	3	0	0	4
Tatau	0	0	0	0	0
Bintulu	0	1	0	0	2
BINTULU	0	1	0	0	2
Miri	0	1	0	0	9
Marudi	0	7	0	0	11
MIRI	0	8	0	0	20
Limbang	0	0	0	0	1
Lawas	0	0	0	0	0
LIMBANG	0	0	0	0	1
Sarawak	0	13	0	0	44

EW = Epid. Week; Cum. = Cumulative figure

7.3 Notified Tuberculosis (all forms) Case Classification as on 6th April, 2013

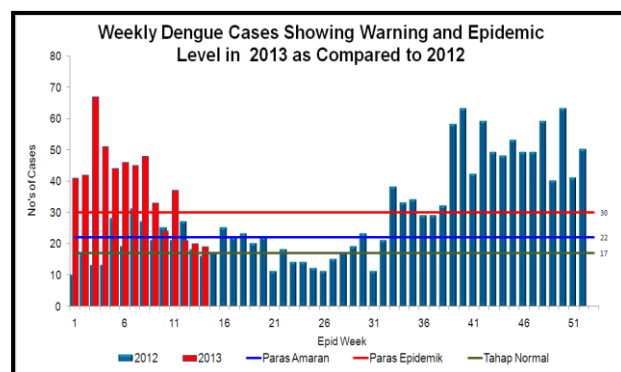
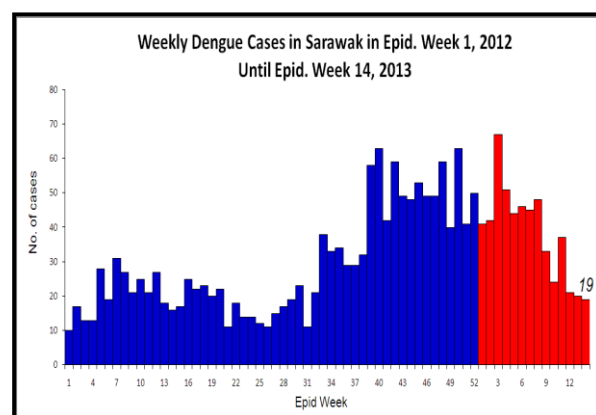
District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW (14)	Cum.	EW (14)	Cum.	EW (14)	Cum.
Lundu	0	0	0	2	0	9
Bau	2	11	0	3	1	4
Kuching	3	83	4	50	0	15
KUCHING	5	94	4	55	1	28
Samarahan	0	10	1	11	0	0
Asajaya	0	7	0	2	0	0
Simunjan	0	13	0	1	0	1
Serian	0	9	0	7	0	1
SAMARAHAN	0	39	1	21	0	2
Sri Aman	2	9	1	4	0	1
Lubok Antu	0	2	0	1	0	2
SRI AMAN	2	11	1	5	0	3
Betong	1	11	0	1	1	4
Saratok	2	7	0	1	0	1
BETONG	3	18	0	2	1	5
Sarikei	0	2	0	2	0	4
Meradong	0	3	0	1	0	1
Pakan	0	2	0	2	0	4
Julau	0	1	1	4	0	2
SARIKEI	0	8	1	9	0	11
Daro	0	1	0	2	0	0
Matu	0	1	0	0	0	0
Dalat	0	0	0	0	0	0
Mukah	1	7	0	1	0	0
MUKAH	1	9	0	3	0	0
Sibu	5	35	2	7	0	6
Kanowit	0	4	0	1	0	1
Selangau	0	5	0	3	0	1
SIBU	5	44	2	11	0	8
Song	0	1	0	2	0	0
Kapit	0	9	0	6	0	2
Belaga	0	6	0	1	0	2
KAPIT	0	16	0	9	0	4
Tatau	1	2	0	7	0	0
Bintulu	5	37	1	25	0	11
BINTULU	6	39	1	32	0	11
Miri	5	65	0	6	2	14
Marudi	1	10	0	0	0	2
MIRI	6	75	0	6	2	16
Limbang	1	11	0	0	0	2
Lawas	0	7	0	0	0	3
LIMBANG	1	18	0	0	0	5
Sarawak	29	371	10	153	4	93

EW = Epid. Week; Cum. = Cumulative figure

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 14, 2013 compared to Epid.Week14, 2012 and cumulative cases until Epid.Week 14, 2013.

District	2013		2012	
	EW 14	Cum.	EW 14	Cum.
Lundu	0	2	1	3
Bau	0	2	0	9
Kuching	0	45	6	43
Samarahan	0	5	1	12
Asajaya	0	0	0	2
Serian	0	5	0	4
Simunjan	0	2	0	7
Sri Aman	0	24	0	15
Lubok Antu	2	13	0	8
Betong	0	19	0	10
Saratok	0	15	1	5
Sarikei	2	38	1	10
Meradong	0	12	0	4
Pakan	0	25	1	9
Julau	1	6	0	1
Daro	0	0	0	1
Matu	0	1	0	0
Dalat	0	0	0	6
Mukah	0	1	0	3
Sibu	3	85	0	12
Kanowit	0	9	0	3
Selangau	0	5	0	2
Song	0	11	0	6
Kapit	2	32	1	16
Belaga	3	11	0	4
Tatau	0	2	0	8
Bintulu	3	45	1	17
Miri	0	34	2	48
Marudi	1	14	1	11
Limbang	0	5	0	6
Lawas	2	70	0	1
Sarawak	19	538	16	286

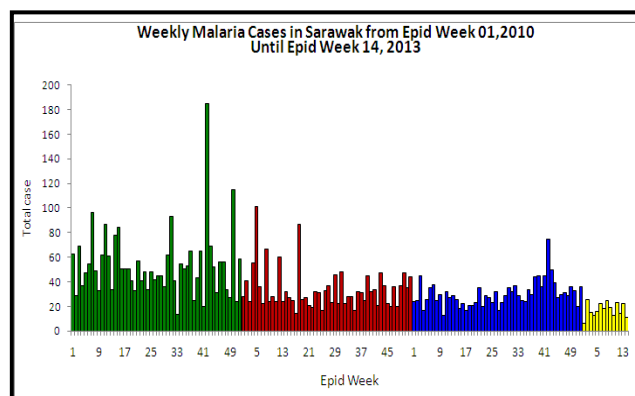


In 2013, a total of 19 dengue cases were reported for Week 14 (31 March, 2013) as compared to 16 cases during the same period in 2012. There was a decrease of 1 case from the previous week (Week 13, 2013). There is one new outbreak reported for this week from Sarikei district. The cumulative of active outbreak locality were two (2), both from Sarikei district.

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 14, 2013 compared to Epid.Week14, 2012 and cumulative cases until Epid.Week 14 , in 2013.

District	2013		2012	
	EW 14	Cum.	EW 14	Cum.
Lundu	0	1	0	5
Bau	0	0	0	0
Kuching	0	3	1	8
Samarahan	0	1	0	2
Asajaya	0	0	0	0
Serian	0	0	1	3
Simunjan	0	2	0	2
Sri Aman	0	2	0	4
Lubok Antu	0	6	0	8
Betong	0	9	0	9
Saratok	0	14	1	6
Sarikei	1	3	0	4
Meradong	0	1	0	1
Pakan	1	10	3	17
Julau	0	10	1	21
Daro	0	1	0	2
Matu	0	0	0	1
Dalat	0	1	0	1
Mukah	0	0	0	1
Sibu	0	8	1	22
Kanowit	0	12	4	20
Selangau	0	2	0	7
Song	1	15	2	16
Kapit	4	46	1	47
Belaga	2	41	2	18
Tatau	0	1	0	8
Bintulu	1	9	0	5
Miri	1	5	0	12
Marudi	0	21	11	92
Limbang	0	3	0	8
Lawas	0	16	1	16
Sarawak	11	243	29	366



A total of 11 cases were reported on week 14, 2013. Cumulative cases till week 13 were 243 cases. Of the 11 cases, 4 cases (36.4%) from Kapit District, 2 cases (18.2%) from Belaga District . Other cases (45.4%) from other 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	2013	
	WK 14	WK 01 – WK 14
Passive Case Detection (PCD)	9	209
Active Case Detection (ACD)	1	17
Investigation slides (INV)	0	4
Mass Blood Survey (MBS)	0	4
Follow-up	1	9
Total	11	243

8.2.2 Malaria cases by species and case classification

Species	Local *	Imported	WK 13	EW 1-13
<i>Plasmodium vivax</i>	2	2	4	81
<i>Plasmodium falciparum</i>	0	2	2	11
<i>Plasmodium malariae</i>	0	0	0	0
<i>Plasmodium knowlesi</i>	5	0	5	151
<i>Plasmodium ovale</i>	0	0	0	0
Mixed infection	0	0	0	0
Total	7	4	11	243

*Local = Indigenous, Relapsed, Introduce

8.2.3. The summary of the *Imported A cases

District	Nationality	Place of Infection	Cases	Gender	Age	Address in Sarawak
Bintulu	Malaysian	Vanimore, Papua New Guinea	P. <i>falciparum</i>	Male	31	Bintulu
Kapit	Malaysian	KKB Shima Int. Bata Afrika	P. <i>falciparum</i>	Male	36	Kapit
Sarikei	Malaysian	Solomon Island	P. <i>vivax</i>	Male	42	Sarikei
Miri	Indonesian	Indonesia	P. <i>vivax</i>	Male	23	Miri

Case Definition Imported A = Source of infection from other country

8.4. Chikugunya

There is no new case reported in week 14/2013 and during the same period in 2012. The cumulative number of case in 2013 is one (1).

8.4. Filariasis

There was one (1) new case of Filariasis reported in week 14/2013. In the same period in 2012, there is one (1) case was reported. The cumulative numbers of cases for 2013 were nine (9).

8.5 Japanese Encephalitis (JE)

There is no new case reported in week 14/2013 and during the same period in 2012. The cumulative numbers of cases in 2013 were three (3).

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No case reported. As at EW 14, no case of Viral Encephalitis reported.

9.2. Viral Hepatitis (all form)

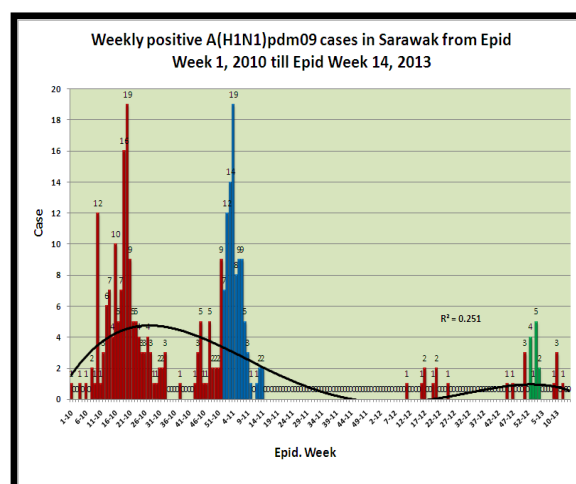
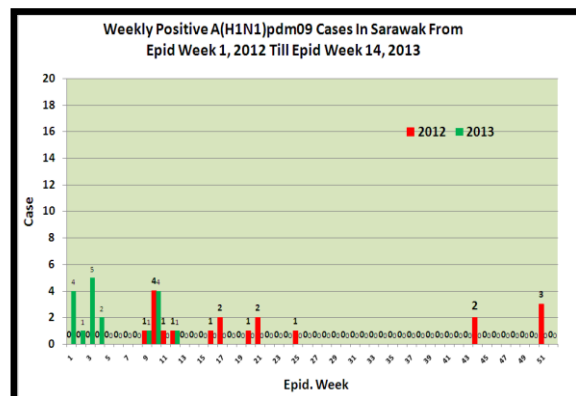
No	Type of Viral Hepatitis	Epid Week 13	Cum. 2013
1	Hepatitis A	0	1
2	Acute Hepatitis B	0	4
3	Chronic Hepatitis B	1	22
4	Acute Hepatitis C	0	6
5	Chronic Hepatitis C	0	17

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

10.1.A/H1N1_{pdm09}

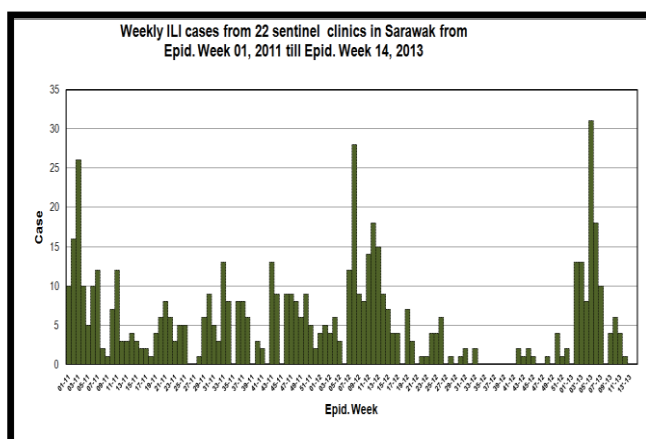
10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} as for Epid. Week 14, 2013 compared to Epid. Week 14, 2012 and cumulative cases in Epid. Week 14, in 2013.

District	2013		2012		Total
	EW 14	Cum.	EW 14	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	12	0	0	5
Samarahan	0	1	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	5	0	0	0
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	0	0
Kanowit	0	0	0	0	0
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	0	0	0	2
Tatau	0	0	0	0	1
Bintulu	0	0	0	0	5
Miri	0	0	0	0	0
Marudi	0	0	0	0	0
Limbang	0	0	0	0	0
Lawas	0	0	0	0	0
SARAWAK	0	18	0	0	13



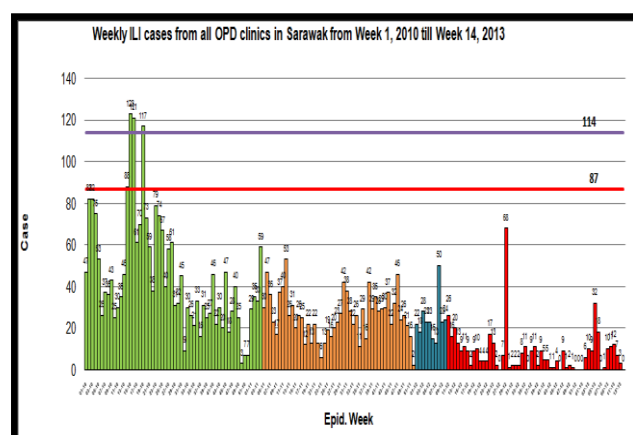
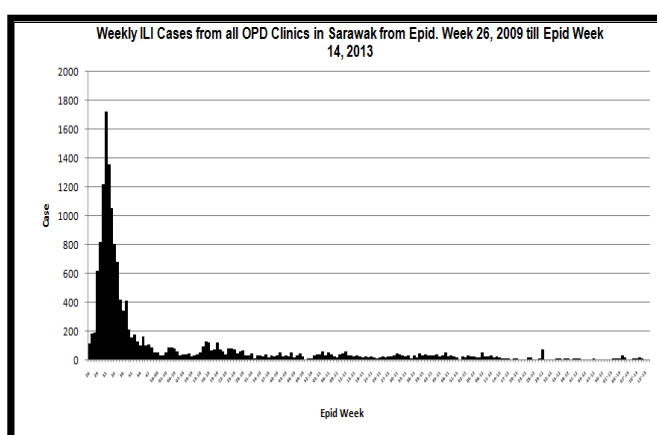
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week1 in 2011 till Epid.Week14,in 2013.



No ILI case reported in week 14

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

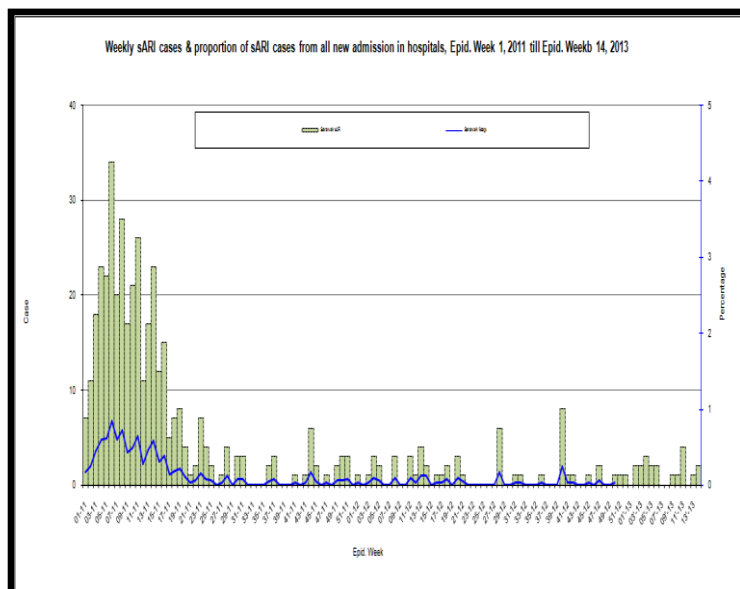


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI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

10.1.3. New and Cumulative ILI Clusters as of 6th, April,2013.

No ILI cluster reported. The last cluster was on 5th March 2013.

10.1.4. Severe Acute Respiratory (sARI) Infection Cases



sARI is suspected when:

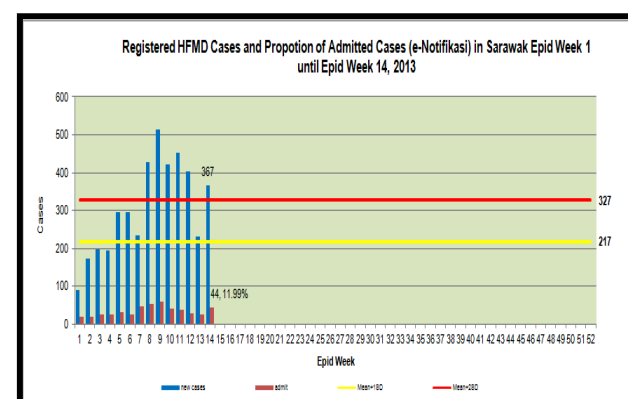
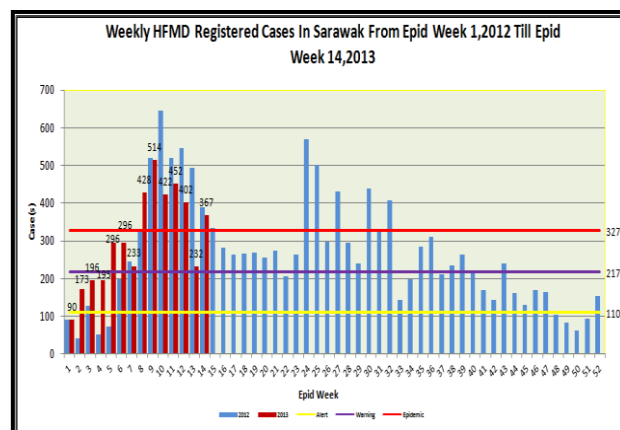
1. meets ILI case definition (sudden onset of fever > 38°C and cough or sore throat in the absence of other diagnosis, **AND**
2. shortness of breath or difficulty of breathing, **AND**
3. requires hospital admission (Disease Control Division, Ministry of Health, October 2009)

10.1.5. Weekly Summary Report on suspected H1N1 in Government Hospitals in Sarawak as on 6th April, 2013.

Division	Hospital	New EW 14	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	2	32	2	0	0	0	0	1	1
	Bau	0	0	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	1	0	0	0	0	0	0	0
	Saratok	0	0	0	0	0	0	0	0	0
Sarikei	Sarikei	0	2	0	0	0	0	0	0	0
Sibu	Sibu	0	0	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	4	0	0	0	0	0	0	0
Miri	Miri	0	0	0	0	0	0	0	0	0
	Marudi	0	0	0	0	0	0	0	0	0
Limbang	Limbang	0	0	0	0	0	0	0	0	0
	Lawas	0	0	0	0	0	0	0	0	0
Total		2	39	2	0	0	0	0	1	1

10.2. Registered HFMD cases (based on e-Notifikasi) for Epid.Week 14, 2013 compared to Epid.Week14,2012 and cumulative cases until Epid.Week 14,2013.

District / Division	2013		2012		Total
	EW (14)	Cum.	EW (14)	Cum.	
Lundu	3	90	19	87	257
Bau	9	105	6	112	396
Kuching	61	619	144	1371	3919
KUCHING	73	814	169	1570	4572
Samarahan	5	85	17	275	670
Asajaya	1	7	0	43	97
Simunjan	4	48	0	45	220
Serian	4	146	13	141	742
SAMARAHAN	14	286	30	504	1729
Sri Aman	6	100	9	154	485
Lubok Antu	0	14	1	21	77
SRI AMAN	6	114	10	175	562
Betong	5	53	2	152	385
Saratok	20	88	5	61	280
BETONG	25	141	7	213	665
Sarikei	16	170	0	119	480
Meradong	9	90	0	22	194
Pakan	4	45	2	46	91
Julau	0	72	17	41	131
SARIKEI	29	377	19	228	896
Daro	0	4	0	37	129
Matu	0	13	2	20	68
Dalat	0	63	4	38	113
Mukah	4	64	5	50	162
MUKAH	4	144	11	145	472
Sibu	23	638	5	148	936
Kanowit	36	75	0	3	46
Selangau	0	35	1	11	43
SIBU	59	748	6	162	1025
Song	2	36	2	10	62
Kapit	4	138	0	74	419
Belaga	8	42	0	17	124
KAPIT	14	216	2	101	605
Tatau	5	13	5	42	98
Bintulu	31	238	34	437	913
BINTULU	36	251	39	479	1011
Miri	97	1016	38	268	1195
Marudi	6	79	7	37	121
MIRI	103	1095	45	305	1316
Limbang	2	77	0	29	104
Lawas	2	28	49	247	453
LIMBANG	4	105	49	276	557
SARAWAK	367	4291	387	4158	13410



EW = Epid. Week; Cum. = Cumulative figure

10.2.2.HFMD Clusters and closure

Cluster and Closure by Division

Division	Category Of HFMD Cluster in EW1-14,2013				Total	Cum. Closure
	Family	Child Care Centre	Kindergarten	School		
Kuching	73	0	4	1	78	1
Samarahan	24	0	1	0	25	0
Sri Aman	13	0	1	0	14	1
Betong	17	0	0	0	17	0
Sarikei	44	0	2	1	47	3
Mukah	12	0	2	0	14	0
Sibu	54	1	8	0	63	0
Kapit	10	0	0	1	11	0
Bintulu	8	0	0	0	8	0
Miri	86	0	1	0	87	0
Limbang	14	0	1	2	17	0
SARAWAK	355	1	20	5	381	5

10.3. Notified Leptospirosis cases for Epid. Week 13, 2013 compared to Epid.Week14, 2012 and cumulative cases until Epid.Week14, in 2013.

District / Division	Case classification				Total				
	Confirmed		Probable		2013	2012		2011	
	EW (14) 2013	EW (14) 2012	EW (14) 2013	EW (14) 2012					
Lundu	0	0	0	0	1	4		6	
Bau	0	0	0	0	1	9 (2)		5 (1)	
Kuching	0	0	0	0	4	76 (2)		40 (2)	
KUCHING	0	0	0	0	6	87 (4)		51 (3)	
Samarahan	0	0	0	0	1	12		3	
Asajaya	0	0	0	0	0	0		3	
Simunjan	0	0	0	0	0	4		8 (1)	
Serian	0	0	0	0	2 (1)	4		10 (2)	
SAMARAHAN	0	0	0	0	3	20		24 (3)	
Sri Aman	0	0	0	0	0	14		14 (2)	
Lubok Antu	1	1	1	0	3	15		11	
SRI AMAN	1	1	1	0	3	29		25 (2)	
Betong	0	0	0	0	0	8		5 (1)	
Saratok	0	0	0	0	0	4		6 (1)	
BETONG	0	0	0	0	0	12		11 (2)	
Sarikei	0	0	0	0	0	6 (1)		1	
Meradong	0	0	0	0	0	2		24	
Pakan	0	0	0	0	3 (1)	4 (1)		3	
Julau	0	0	0	0	1	1		0	
SARIKEI	0	0	0	0	4	13 (2)		28	
Daro	0	0	1	0	1	1 (1)		1 (1)	
Matu	0	0	0	0	0	0		0	
Dalat	0	0	0	0	0	0		0	
Mukah	0	0	0	0	1 (1)	0		3	
MUKAH	0	0	1	0	2	1		4 (1)	
Sibu	0	0	0	0	1	2		2	
Kanowit	0	0	1	0	1	6 (1)		4	
Selangau	0	0	0	2	2	2		3	
SIBU	0	0	1	0	2	10 (1)		9	
Song	0	0	0	0	0	1		1	
Kapit	0	0	0	0	6	50		12	
Belaga	0	0	0	0	12	4 (1)		7 (1)	
KAPIT	0	0	0	0	18	55		20 (1)	
Tatau	0	0	0	0	2	2		1	
Bintulu	0	0	2	0	19 (1)	7		10 (2)	
BINTULU	0	0	2	0	21	9		11 (2)	
Miri	1	0	1	0	14	10		16 (1)	
Marudi	0	0	0	0	0	2		2	
MIRI	1	0	1	0	14	12		18 (1)	
Limbang	0	0	2	0	3	21 (1)		2 (1)	
Lawas	0	0	0	0	0	0		0	
LIMBANG	0	0	0	0	3	21 (1)		2 (1)	
SARAWAK	2	1	6	2	76 (5)	271 (10)		203 (16)	

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 until Epid. Week 14, 2013

No.	District	Locality	Number of Cases	Outbreak Declared
	Nil			

10.4. Notified Melioidosis cases for Epid. Week 14, 2013 compared to Epid. Week 14, 2012 and cumulative cases until Epid. Week 14, 2013

District / Division	Case classification				Total		
	Confirmed		Probable		2013	2012	2011
	EW (14) 2013	EW (14) 2012	EW (14) 2013	EW (14) 2012			
Lundu	0	0	0	0	0	0	0
Bau	0	0	0	0	0	1	1
Kuching	0	0	0	0	2	3	4
KUCHING	0	0	0	0	2	4	5
Samarahan	0	0	0	0	0	1	0
Asajaya	0	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0	0
Serian	0	0	0	0	0	0	2 (1)
SAMARAHAN	0	0	0	0	0	1	2
Sri Aman	0	0	0	0	0	0	3
Lubok Antu	0	0	0	0	0	1	1
SRI AMAN	0	0	0	0	0	1	4
Betong	0	0	0	0	0	0	0
Saratok	0	0	0	0	0	0	0
BETONG	0	0	0	0	0	0	0
Sarikei	0	0	0	0	0	0	0
Meradong	0	0	0	0	0	0	0
Pakan	0	0	0	0	0	1	0
Julau	0	0	0	0	0	0	0
SARIKEI	0	0	0	0	0	1	0
Daro	0	0	0	0	0	0	0
Matu	0	0	0	0	0	0	0
Dalat	0	0	0	0	0	1	0
Mukah	0	0	0	0	0	1	2
MUKAH	0	0	0	0	0	2	2
Sibu	0	0	0	0	0	0	1
Kanowit	0	0	0	0	0	0	1
Selangau	0	0	0	0	0	1 (1)	4
SIBU	0	0	0	0	0	1	6
Song	0	0	0	0	0	0	1
Kapit	0	0	0	0	3	28	62 (3)
Belaga	0	0	0	0	0	0	21 (4)
KAPIT	0	0	0	0	3	28	84 (7)
Tatau	0	0	0	0	0	0	4 (1)
Bintulu	0	0	0	0	0	0	6
BINTULU	0	0	0	0	0	0	10 (1)
Miri	0	0	0	0	2	2	7 (2)
Marudi	0	0	0	0	0	0	1
MIRI	0	0	0	0	2	2	8 (2)
Limbang	0	0	0	0	0	0	0
Lawas	0	0	0	0	0	0	0
LIMBANG	0	0	0	0	0	0	0
SARAWAK	0	0	0	0	7	40 (1)	121 (11)

Note:

10.4.1 Melioidosis Death case (Positive) 2013

No.	# District	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
	Nil							

* SGH = Sarawak General Hospital

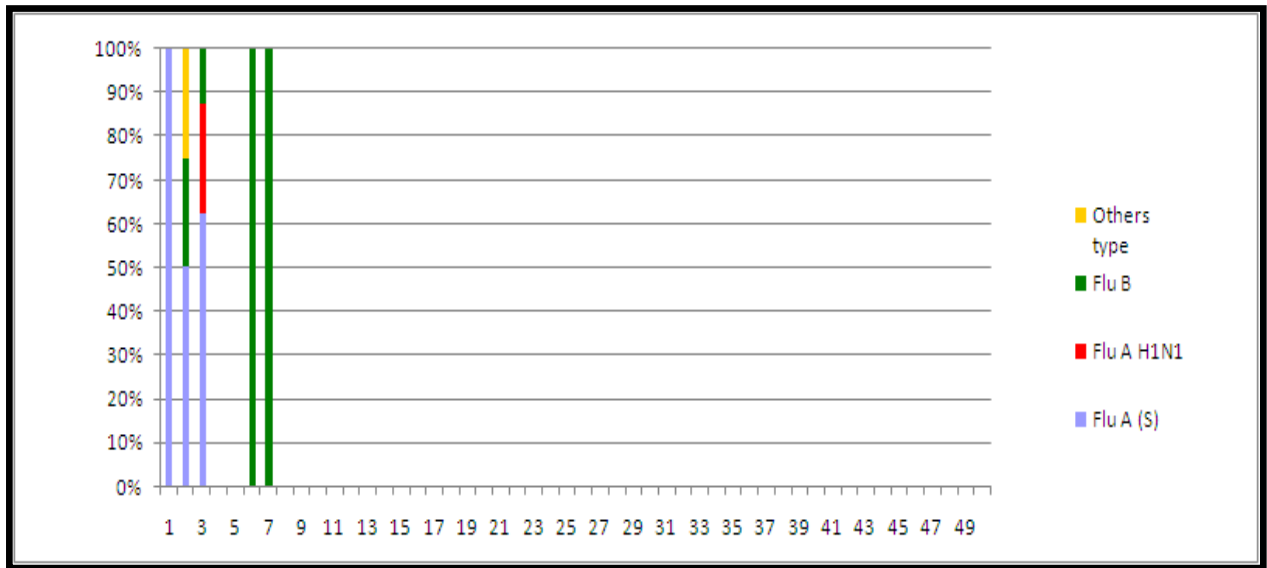
Note

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

® Hospital indicate facility where patient admitted

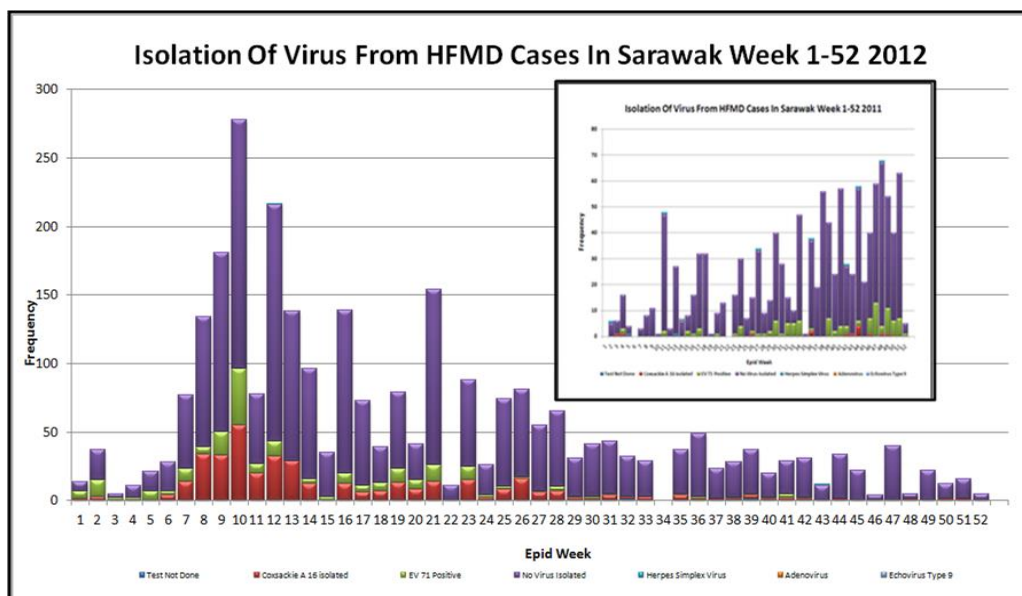
11. LABORATORY BASED SURVEILLANCE

11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah*) from Epid Week 1 till Epid Week 11, 2013.

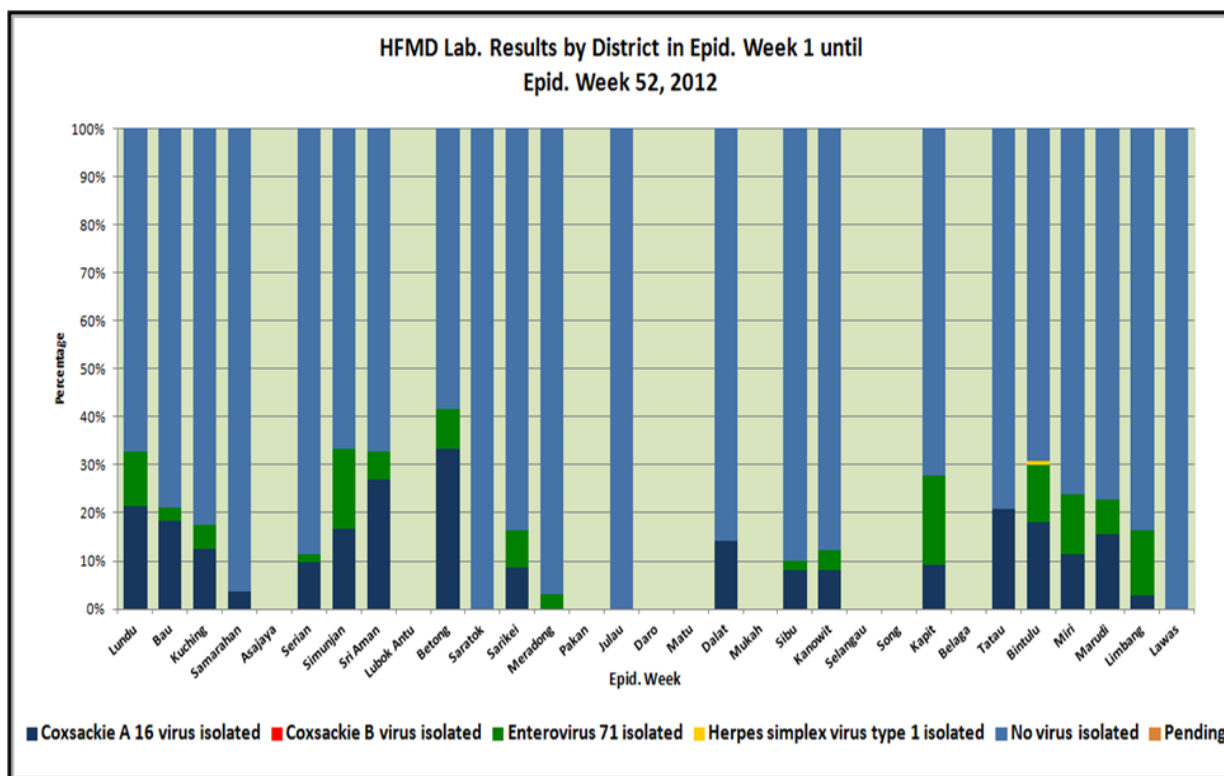


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

11.3. Laboratory Based Surveillance HFMD, EW 1- EW 52, 2012 compared to 2011 in Sarawak.



As of 26th January, 2013, 2816HFMD samples sent to MKAK SgBuloh. Out of this, 2772 samples with result, 44 still pending and one sample was rejected. A total of 575 (22.2%) virus isolated of which 378 Coxsackie A16 (64.0%), 210 EV 71 (35.5%), one Coxsackie B (0.2%) and two 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).

[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 9th February 2013)

No	Name/Designation	Office Address	E-mail Address	Tel./Fax/Handphone No.
1	Ketua Penolong Pengarah Kanan Dr. Razitasham Binti Safli	Seksyen Kawalan Penyakit Berjangkit Jabatan Kesihatan Negeri Sarawak	razitasham@srwk.moh.gov.my	Tel : 082-473200/277 Fax : 082-443098 Hp : 013-8047635
2	Ketua Penolong Pengarah Dr. Noorzilawati Binti Sahak	Seksyen Kawalan Penyakit Berjangkit Jabatan Kesihatan Negeri Sarawak	drnoorzilawati@gmail.com	Tel : 082-473200/276 Fax : 082-443098 Hp : 014-6999126
3	Pegawai Kesihatan Bahagian Kuching Dr. Kamarudin Lajim	Pejabat Kesihatan Bahagian Kuching, Jalan Tun Ahmad Zaidi Adruce, 93250 Kuching	dhoshan@yahoo.com.sg	Tel : 082-238635/257867 Fax : 082-414542/250037 Hp : 013-8014332
4	Pegawai Epidemiologi Bahagian Kuching Dr. Ruziana Miss	Pejabat Kesihatan Bahagian Kuching, Jalan Tun Ahmad Zaidi Adruce, 93250 Kuching	druziyan@yahoo.com.my	Tel : 082-238635/257867 Fax : 082-414542/250037 Hp : 019-8356456
5	Pegawai Kesihatan Bahagian Samarahan Dr. Julaidah Sharip	Pejabat Kesihatan 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 Sri Aman Dr. Nor Rafizah Aminah bte Aziz	Pejabat Kesihatan Bahagian Sri Aman Tingkat 3, Wisma Persekutuan, Jalan Hospital, 95007 Sri Aman	rafizah76@gmail.com	Tel : 083-322176 Fax : 083-322058 Hp : 012-2110315
7	Pegawai Kesihatan Bahagian Betong Dr. Jeffery Stephen	Pejabat Kesihatan Bahagian Betong KM 2, Jalan Betong, 95700 Betong	endena90@yahoo.com	Tel : 083-472116 Fax : 083-471870 Hp : 019-8584053
8	Pegawai Kesihatan Bahagian Sarikei Dr. Hasrina Hassan	Pejabat Kesihatan 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 Sibul Dr. Muhamad Rais Abdullah	Pejabat Kesihatan Bahagian Sibul Tingkat 5, Wisma Persekutuan, Persiaran Brooke, 96000 Sibul	mdrais@srwk.moh.gov.my	Tel : 084-315494 Fax : 084-348284 Hp : 019-8196459
10	Pegawai Kesihatan Bahagian Kapit Dr Ivan Yun Jan Shui	Pejabat Kesihatan Bahagian Kapit Tingkat 3, Wisma Persekutuan, 96800 Kapit	ivanvun@gmail.com	Tel : 084-796404 Fax : 084-332502 Hp : 013-8155183
11	Pegawai Kesihatan Bahagian Mukah Dr. Hj. Osman Hj. Rafaie	Pejabat Kesihatan Bahagian Mukah Jalan Haji Muhammad Pauzi 96400 Mukah	dho_mukah@yahoo.com	Tel : 084-873301 Fax : 084-872963 Hp : 013-8014700
12	Pegawai Epidemiologi Bahagian Mukah Dr. Nik Daliana Bt. Nik Farid	Pejabat Kesihatan Bahagian Mukah Jalan Haji Muhammad Pauzi 96400 Mukah	daliana75@gmail.com	Tel : 084-873301 Fax : 084-872963 Hp : 012-2779250
13	Pegawai Kesihatan Bahagian Bintulu Dr. Azlee Bin Ayub	Pejabat Kesihatan Bahagian Bintulu Jalan Tun Ahmad Zaidi Adruce, 97000 Bintulu	azlee@srwk.moh.gov.my	Tel : 086-317269 Fax : 086-312354 Hp : 016-8625257
14	Pegawai Kesihatan Bahagian Miri Dr. Faizul Mansoor	Pejabat Kesihatan Bahagian Miri Jalan Temenggong Oyong Lawai Jau, 98000 Miri	bmfaizul@srwk.moh.gov.my	Tel : 086-424722 Fax : 086-429987 Hp : 013-8335504
15	Pegawai Epidemiologi Bahagian Miri Dr. Veronica Lughah	Pejabat Kesihatan Bahagian Miri Jalan Temenggong Oyong Lawai Jau, 98000 Miri	verolughah@yahoo.com	Tel : 086-424722 Fax : 086-429987 Hp : 019-6061847
16	Pegawai Kesihatan Bahagian Limbang Dr. Norliza Jusoh	Pejabat Kesihatan Bahagian Limbang Jalan Pandaruan, 98700 Limbang	norliza@srwk.moh.gov.my	Tel : 085-211046 Fax : 085-429987 Hp : 019-8163163

ADVISORS:

DatuDr ZulkifliJantan
State Director – Sarawak Health Department

Dr JamilahHashim
State Deputy Director (Public Health)

Datu Dr Andrew Kiyu
Consultant Epidemiologist

CHIEF EDITOR:

Dr RazitashamSafii, CDC Section

EDITORS & CONTRIBUTORS:

TnHjAsmadMatusop, Entomology Section

Dr SarinaShuib, VBDC Section

Dr NoorzilawatiSahak, CDC Unit

Mr Abdul KadirMohd. Anis

Mr Davidson ClinnTayus

Mr Muslim Mhd. Ghazali

Ms MalizaJalel

Mr Mike JesussenAkBolian

Ms Hawa Nabila Binti Hip

Ms Tang Wan Yung

PPKP, VBDC Section

PPKP, STD/AIDS Section

PPKP, TBCLP/LCP Section

CORRESPONDENCE:

COMMUNICABLE DISEASE CONTROL SECTION,
Sarawak Health Department,
JalanDiplomatik, Off JalanBako
93050 Kuching,
Sarawak
Phone: 082-443248/473200
Fax: 082-443098
Email: opsroom_jkns@srwk.moh.gov.my OR
cdcjkns@gmail.com



SARAWAK
State Health Department

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.