



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 9

24th – 2nd March, 2013

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

Local update:

Number of Dengue cases lower than previous week but still above the outbreak level in the state.

Number of HFMD cases still above the outbreak level.

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SARAWAK
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

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2. NEW OUTBREAKS/CLUSTERS

No	Disease	District	Locality	No. Of cases	Outbreak declared	Outbreak Reported
1	Dengue	Betong	Rh. Ugus, Ban Ulu	2	27.02.13	13.03.13
2	Dengue	Lawas	Kg. Lg. Semadoh Rayeh	2	27.02.13	13.03.13
1.	Malaria	Belaga	Lg. Wat	4	01.03.2013	01.03.2013
2.	Malaria	Belaga	Lg. Lutin	2	01.03.2013	01.03.2013
3.	Malaria	Belaga	Lg. Malim	2	27.02.2013	27.02.2013

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 8, 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						0					8	0									2						
Bau						0					15	0									0						
Kuching						1				3	76	0			1						4						
Samarahan						2					7	0									1						
Asajaya						0					0	0									0						
Simunjan						0					0	0									0						
Serian	2/1					0				1	8	0									0						
Sri Aman						1					15	0							1		3						
L/ Antu						0					0	1									0						
Betong						1					3	0									2						
Saratok						2					15	0			1						0						
Sarikei						4				1	34	0			1						1						
Meradong						0					24	0									2						
Pakan						2					4	0									0						
Julau						0					3	1									0						
Daro						0					0	0									2						
Matu						0					1	0									1						
Dalat						0					4	0									0						
Mukah						0				2	10	0									0						
Sibu						7			3		79	0							3		3						
Kanowit						0			35		36	1									0						
Selangau						0					5	1									0						
Song						0					0	1									0						
Kapit						0					20	2			7						0						
Belaga						0					2	6									1						
Tatau						0					0	0									2						
Bintulu						2					10	0									9						
Miri						2			4		121	0									7						
Marudi						1					3	5									0						
Limbang						0					9	0			1						0			1			
Lawas	1/0					8					2	1									0			2			
TOTAL (Week 9)	3/1					33			41	13	514		19		11				4		40			3			
Total (2013)	36/13	0	0	0	0	417	18	0	281	95	2421	12	160	13	71	0	0	0	32	0	377	28	0	19	0	0	34
Total (2012)	159/102	0	0	111	0	1519	38	0	1463	479	1258	46	1573	12	724	0	0	0	271	1	2430	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

*** 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 until Epid Week 9, 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	11	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
Lubok Antu	0	0	0	0	0	0	0	0	0
Betong	0	0	0	0	3	0	1	0	0
Saratok	0	0	0	0	0	0	1	0	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	3	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	0	0	0	6	0	5	0	0
Kanowit	1	0	0	0	73	0	3	0	0
Selangau	0	0	0	0	29	0	0	0	0
Kapit	0	0	0	0	3 (1)	0	1	0	0
Belaga	0	0	0	0	0	0	0	0	0
Song	0	0	0	0	35	0	1	0	0
Bintulu	1	0	0	0	4	0	3	0	0
Tatau	0	0	0	0	0	0	1	0	0
Miri	0	0	0	0	11	0	0	0	0
Marudi	0	0	0	0	3	0	0	0	0
Limbang	1	0	0	0	0	0	0	0	0
Lawas	0	0	0	0	0	0	0	0	0
Total	5	2	0	0	281(1)	0	30	1	0
2012	132	28	7	3	1551	111	131	15	3

*Note:

S = Suspected; C = Confirmed

FP: Food Poisoning

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 8, 2013

Division	TYPES OF DISEASES										
	Measles					Rubella	Tetanus C	Whooping Cough		Hepatitis B	
	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirmed		S	C	Acute	Chronic
		Lab. Confirmed	Clinically Confirmed	Epid. Link							
Kuching	10	0	0	0	4	1	0	8	0	0	0
Samarahan	4	0	0	0	2	0	0	4	1	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	0	1
Betong	4	0	0	0	2	1	0	0	0	0	2
Sarikei	9	1	0	0	4	1	1	0	0	0	0
Sibu	3	0	0	0	1	0	0	0	0	0	0
Kapit	18	0	0	0	1	0	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	1	0	0	1
Bintulu	6	0	0	0	1	1	0	0	0	0	0
Miri	15	0	0	0	9	4	0	0	0	0	0
Limbang	2	0	0	0	1	0	0	0	0	1	3
Sarawak	71	1	0	0	25	8	1	13	1	1	7

Note: S = suspected; C = confirmed

5.2. Measles Elimination Programme (MEP) Achievement by Division from Epid. Week 1 until Epid Week 9, 2013

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	10	8(80.00%)	9 (90.00%)	10 (100.00%)
Samarahan	4	4(100.00%)	4(100.00%)	4 (100.00%)
Sri Aman	0	0 (0.00%)	0 (0.00%)	0 (0.00%)
Betong	4	4(100.00%)	3 (77.78%)	4(100.00%)
Sarikei	9	9 (100.00%)	7 (85.71%)	9(100.00%)
Sibu	3	3(100.00%)	3 (100.00%)	3 (100.00%)
Kapit	18	16(88.89%)	18 (100.00%)	18(100.00%)
Mukah	0	0 (0.00%)	0 (0.00%)	0 (0.00%)
Bintulu	6	6 (100.00%)	6(100.00%)	6 (100.00%)
Miri	15	13 (86.67%)	14(93.33%)	15(100.00%)
Limbang	2	2 (100.00%)	2 (100.00%)	2 (100.00%)
Sarawak	71	65 (91.55%)	66 (92.96%)	71 (100.00%)

Reported AFP cases in Sarawak, in Epid Week 1-9, 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	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	1	1	0	0	0	0
Miri	123,500	2	1	1	0	0	0
Bintulu	75,800	1	1	0	0	0	0
Limbang	30,400	0	1	0	0	0	0
TOTAL	854.7	8	12	1	1	0	0

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 9, 2013 and cumulative cases from Epid. Week 1, 2013 until Epid Week 9, 2013.

HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Iundu		0		0	
Rau		0		1	
Kuching		15		6	
KUCHING	0	15	0	7	
Samarahan		3		2	
Asajaya		0		0	
Simunjan		0		2	
Serian	2	2		1	
SAMARAHAN	2	5	0	5	
Sri Aman		0		1	
Lubok Antu		0		0	
SRI AMAN	0	0	0	1	
Belong		0		0	
Saratok		0		0	
BETONG	0	0	0	0	
Sarikel		0		0	
Meradong		0		0	
Pakan		0		0	
Julau		0		0	
SARIKEI	0	0	0	0	
Daro		0		0	
Malu		0		0	
Dalat		0		0	
Mukah		0		0	
MUKAH	0	0	0	0	
Sibu		0		2	
Kanowit		1	1	1	
Selangau		0		0	
SIBU	0	1	1	3	
Song		0		0	
Kapit		0		0	
Belaga		2		0	
KAPIT	0	2	0	0	
Tatau		0		0	
Bintulu		3		0	
BINTULU	0	3	0	0	
Miri		9		4	
Marudi		0		1	
MIRI	0	9	0	5	
Limbang		0		1	
Lawas	1	3		1	
LIMBANG	1	3	0	2	
Sarawak	3	38	1	23	

AIDS

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Iundu		0		0	
Bau		0		0	
Kuching		2		10	
KUCHING	0	2	0	10	
Samarahan		0		0	
Asajaya		0		0	
Simunjan		1		0	
Serian	1	3		0	
SAMARAHAN	1	4	0	0	
Sri Aman		0		0	
Lubok Antu		0		0	
SRI AMAN	0	0	0	0	
Belong		0		1	
Saratok		0		0	
BETONG	0	0	0	1	
Sarikel		0		0	
Meradong		0		0	
Pakan		0		1	
Julau		0		0	
SARIKEI	0	0	0	1	
Daro		0		0	
Malu		0		0	
Dalat		0		0	
Mukah		1		0	
MUKAH	0	1	0	0	
Sibu		2		0	
Kanowit		0		1	
Selangau		0		0	
SIBU	0	2	0	1	
Song		1		0	
Kapit		0		0	
Belaga		0		2	
KAPIT	0	1	0	2	
Tatau		0		0	
Bintulu		0		3	
BINTULU	0	0	0	3	
Miri		1		3	
Marudi		1		0	
MIRI	0	2	0	3	
Limbang		0		0	
Lawas		1		0	
LIMBANG	0	1	0	0	
Sarawak	1	13	0	21	

EW = Epid. Week; Cum. = Cumulative figure

6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 9, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 9, 2013.

Gonorrhoea

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0	1	2	
Bau		1		1	
Kuching	9	47	2	12	
KUCHING	9	48	3	15	
Samarahan		11	1	4	
Asajaya		5		2	
Simunjan		0		0	
Serian	1	1		0	
SAMARAHAN	1	17	1	6	
Sri Aman		0		5	
Lubok Antu		0		1	
SRI AMAN	0	0	0	6	
Betong		3		0	
Saratok		1		0	
BETONG	0	4	0	0	
Sarikei	1	3		0	
Meradong		1		0	
Pakan		0		1	
Julau		0		0	
SARIKEI	1	4	0	1	
Daro		0		0	
Matu		0		0	
Dalat		0		0	
Mukah	2	2		0	
MUKAH	2	2	0	0	
Sibu		12		6	
Kanowit		0		0	
Selangau		0		0	
SIBU	0	12	0	6	
Song		0		0	
Kapit		3		0	
Belaga		0		0	
KAPIT	0	3	0	0	
Tatau		0		0	
Bintulu		2		2	
BINTULU	0	2	0	2	
Miri		2		2	
Marudi		0		1	
MIRI	0	2	0	3	
Limbang		1		1	
Lawas		0		0	
LIMBANG	0	1	0	1	
Sarawak	13	95	4	40	

Syphilis

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		1	
Bau		1		1	
Kuching		2	4	12	
KUCHING	0	3	4	14	
Samarahan		2		3	
Asajaya		0		2	
Simunjan		2		0	
Serian		0		0	
SAMARAHAN	0	4	0	5	
Sri Aman	1	2		4	
Lubok Antu		2	1	2	
SRI AMAN	1	4	1	6	
Betong		0		0	
Saratok		0		0	
BETONG	0	0	0	0	
Sarikei		0		0	
Meradong		2		0	
Pakan		0		1	
Julau		0		0	
SARIKEI	0	2	0	1	
Daro		0		0	
Matu		0		0	
Dalat		1		0	
Mukah		0		0	
MUKAH	0	1	0	0	
Sibu	3	10		6	
Kanowit		1		0	
Selangau		1		0	
SIBU	3	12	0	6	
Song		0		0	
Kapit		0		0	
Belaga		1		0	
KAPIT	0	1	0	0	
Tatau		0		0	
Bintulu		2		3	
BINTULU	0	2	0	3	
Miri		0		2	
Marudi		1		1	
MIRI	0	1	0	3	
Limbang		1		1	
Lawas		1		0	
LIMBANG	0	2	0	1	
Sarawak	4	32	5	39	

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

7.1 Notified Tuberculosis cases for Epid. Week 9, 2013 compared to Epid. Week 8, 2012 and cumulative cases until Epid. Week 9, 2013.

District / Division	2013		2012		
	EW (9)	Cum.	EW (9)	Cum.	Total
Lundu	2	10	0	2	38
Bau	0	5	0	7	38
Kuching	4	87	9	62	501
KUCHING	6	102	9	71	577
Samarahan	1	13	0	8	44
Asajaya	0	5	0	5	22
Simunjan	0	9	1	13	47
Serian	0	13	0	10	40
SAMARAHAN	1	40	1	36	153
Sri Aman	3	8	0	9	63
Lubok Antu	0	1	0	2	44
SRI AMAN	3	9	0	11	107
Belong	2	12	1	5	52
Saratok	0	3	0	6	59
BETONG	2	15	1	11	111
Sarikei	1	4	3	9	73
Meradong	2	5	0	5	38
Pakan	0	6	0	0	32
Julau	0	6	0	2	20
SARIKEI	3	21	3	16	163
Daro	2	2	0	2	27
Matu	1	1	0	3	10
Dalat	0	0	0	0	13
Mukah	0	5	0	9	64
MUKAH	3	8	0	14	114
Sibu	3	29	3	36	226
Kanowit	0	3	0	9	41
Selangau	0	4	3	10	51
SIBU	3	36	6	55	318
Song	0	3	0	4	10
Kapit	0	7	0	7	60
Belaga	1	6	3	4	47
KAPIT	1	10	3	15	117
Tatau	2	7	0	12	53
Bintulu	9	48	3	27	252
BINTULU	11	55	3	39	305
Miri	7	52	8	45	310
Marudi	0	8	0	7	81
MIRI	7	60	8	52	391
Limbang	0	9	0	10	52
Lawas	0	6	0	4	22
LIMBANG	0	15	0	14	74
Sarawak	40	377	34	334	2430

7.2 Notified Leprosy cases for Epid. Week 9, 2013 compared to Epid. Week 8, 2012 and cumulative cases until Epid. Week 9, 2013.

District / Division	2013		2012		
	EW (9)	Cum.	EW (9)	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	6	0	0	11
MIRI	0	7	0	0	20
Limbang	0	0	0	0	1
Lawas	0	0	0	0	0
LIMBANG	0	0	0	0	1
Sarawak	0	12	0	0	44

EW = Epid. Week; Cum. = Cumulative figure

7.3 Notified Tuberculosis (all forms) Case Classification as on 2nd March, 2013

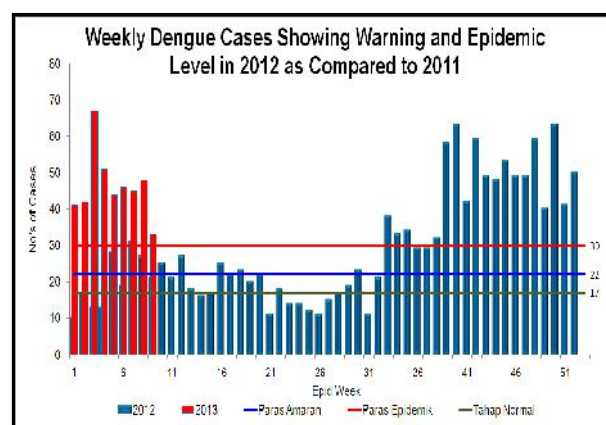
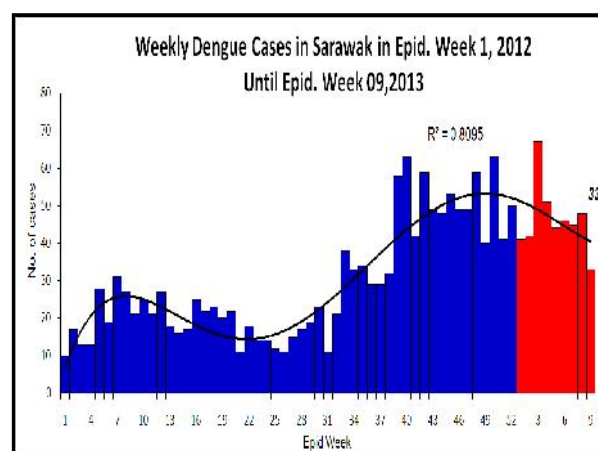
District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW (9)	Cum.	EW (9)	Cum.	EW (9)	Cum.
Lundu	0	0	1	1	1	9
Bau	0	5	0	0	0	0
Kuching	4	42	0	33	0	12
KUCHING	4	47	1	34	1	21
Samarahan	0	6	1	7	0	0
Asajaya	0	4	0	1	0	0
Simunjan	0	7	0	1	0	1
Serian	0	8	0	5	0	0
SAMARAHAN	0	25	1	14	0	1
Sri Aman	1	5	1	2	1	1
Lubok Antu	0	0	0	0	0	1
SRI AMAN	1	5	1	2	1	2
Betong	1	9	0	1	1	2
Saratok	0	2	0	1	0	0
BETONG	1	11	0	2	1	2
Sarikei	1	1	0	1	0	2
Meradong	1	3	1	1	0	1
Pakan	0	1	0	2	0	3
Julau	0	1	0	3	0	2
SARIKEI	2	6	1	7	0	8
Daro	0	0	2	2	0	0
Matu	1	1	0	0	0	0
Dalat	0	0	0	0	0	0
Mukah	0	4	0	1	0	0
MUKAH	1	5	2	3	0	0
Sibu	3	20	0	5	0	4
Kanowit	0	2	0	0	0	1
Selangau	0	2	0	1	0	1
SIBU	3	24	0	6	0	6
Song	0	1	0	2	0	0
Kapit	0	4	0	2	0	1
Belaga	1	4	0	1	0	1
KAPIT	1	9	0	5	0	2
Tatau	0	0	2	7	0	0
Bintulu	6	21	2	18	1	9
BINTULU	6	21	4	25	1	9
Miri	4	38	2	4	1	9
Marudi	0	7	0	0	0	1
MIRI	4	45	2	4	1	10
Limbang	0	7	0	0	0	2
Lawas	0	4	0	0	0	2
LIMBANG	0	11	0	0	0	4
Sarawak	23	209	12	102	5	65

EW = Epid. Week; Cum. = Cumulative figure

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 9, 2013 compared to Epid. Week 8, 2013 and cumulative cases until Epid. Week 9, 2013.

District	2013		2012		Total
	EW 09	Cum.	EW 09	Cum.	
Lundu	0	2	0	2	14
Bau	0	2	0	5	39
Kuching	1	35	6	27	164
Samarahan	2	4	0	7	37
Asajaya	0	0	0	1	7
Serian	0	5	1	3	22
Simunjan	0	2	0	4	19
Sri Aman	1	21	3	10	108
Lubok Antu	0	10	1	5	74
Betong	1	14	0	7	66
Saratok	2	14	0	3	38
Sarikei	4	28	1	8	50
Meradong	0	9	0	3	85
Pakan	2	22	0	4	57
Julau	0	4	0	1	49
Daro	0	0	0	0	7
Matu	0	1	0	0	9
Dalat	0	0	0	5	9
Mukah	0	1	0	2	13
Sibu	7	49	1	11	86
Kanowit	0	8	1	2	19
Selangau	0	5	0	1	10
Song	0	9	0	4	29
Kapit	0	24	0	8	89
Belaga	0	6	1	3	42
Tatau	0	2	1	5	37
Bintulu	2	39	2	8	121
Miri	2	31	3	33	128
Marudi	1	6	0	8	45
Limbang	0	5	0	3	32
Lawas	8	61	0	0	36
Sarawak	33	417	21	179	1519

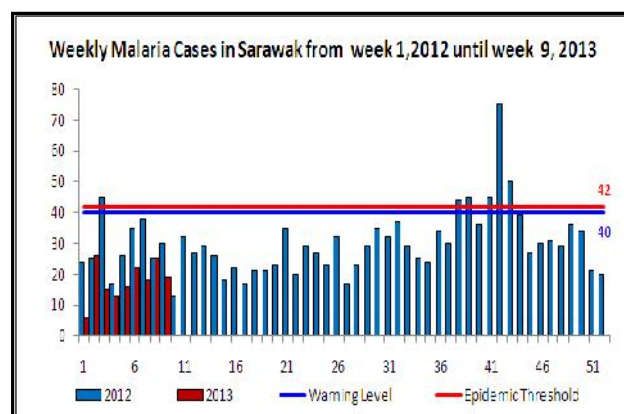
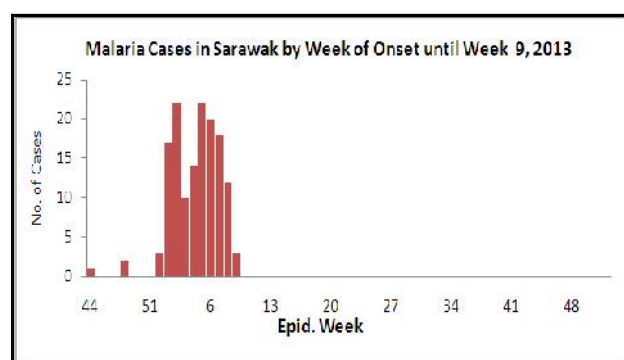
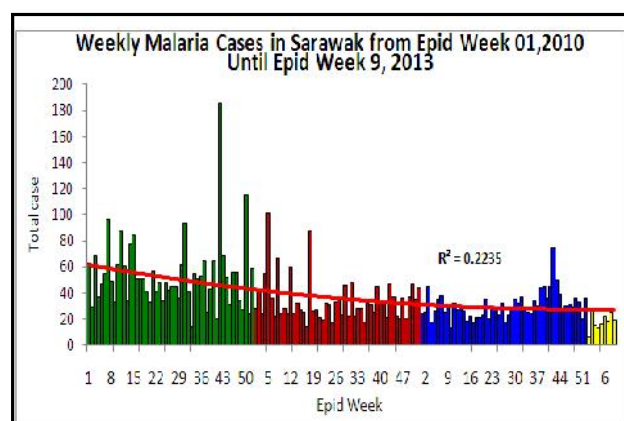


There was decreased of 15 cases from the previous week (Week 08, 2013). There were two (2) new outbreak reported for week 09 from Betong and Lawas district. The cumulative of active outbreak localities are remains three (3), one each from Sarikei district, Betong district and Lawas district.

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 9, 2013 compared to Epid. Week 8, 2012 and cumulative cases until Epid. Week 9 in 2013.

District	2013		2012		
	EW 9	Cum.	EW 9	Cum.	Total
Lundu	0	1	1	1	12
Bau	0	0	0	0	1
Kuching	0	3	0	7	18
Samarahan	0	1	1	1	3
Asajaya	0	0	0	0	0
Serian	0	0	0	2	6
Simunjan	0	2	1	2	9
Sri Aman	0	1	0	3	20
Lubok Antu	1	5	0	8	26
Betong	0	6	2	7	77
Saratok	0	9	1	3	39
Sarikei	0	1	0	3	18
Meradong	0	0	0	1	12
Pakan	0	5	3	13	65
Julau	1	6	1	18	93
Daro	0	1	0	2	6
Matu	0	0	0	1	1
Dalat	0	0	0	1	7
Mukah	0	0	0	1	2
Sibu	0	7	0	16	67
Kanowit	1	9	3	12	79
Selangau	1	2	1	5	40
Song	1	11	0	9	107
Kapit	2	29	5	40	236
Belaga	6	25	0	12	171
Tatau	0	1	0	7	28
Bintulu	0	7	0	3	32
Miri	0	3	3	8	29
Marudi	5	11	5	57	257
Limbang	0	2	0	8	30
Lawas	1	12	3	14	80
Sarawak	19	160	30	265	1571



A total of 19 cases were reported on week 9, 2013. Cumulative cases till week 9 were 160 cases. Of the 19 cases, 6 cases (31.6%) from Belaga District, 5 cases (26.3%) from Marudi District, 2 cases (10.5%) from Kapit District, and other cases (31.6%) from Julau, Kanowit, Lawas, Lubok Antu, Selangau and Song 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 9	WK 01 – WK 09
Passive Case Detection (PCD)	13	143
Active Case Detection (ACD)	3	9
Investigation slides (INV)	3	3
Mass Blood Survey (MBS)	0	0
Follow-up	0	5
Total	19	160

8.2.2 Malaria cases by species and case classification

Species	Indigenous	Imported	Relapsed	EW 9	Cumm.Wk 1-9
<i>Plasmodium vivax</i>	8	1	0	9	47
<i>Plasmodium falciparum</i>	0	0	0	0	7
<i>Plasmodium malariae</i>	0	0	0	0	0
<i>Plasmodium knowlesi</i>	9	0	0	9	105
<i>Plasmodium ovale</i>	0	0	0	0	0
<i>Mixed infection</i>	0	0	0	0	0
Total	17	1	0	18	159

8.2.3. The summary of the *Imported A cases

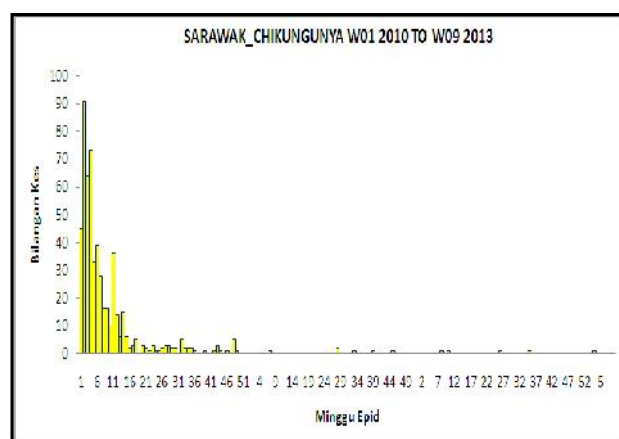
District	Nationality	Place of Infection	Cases	Gender	Age	Address in Sarawak
Selangau	Malaysian	KKB Panimo Jaya, PNG	<i>P. vivax</i>	MALE	50	N. Li , Tr.Jelai

KKB = Kem Kayu Balak (Logging Camp)

Case Definition Imported A = Source of infection from other country

8.3. Notified Chikungunya cases for Epid. Week 9, 2013 compared to Epid. Week 8, 2012 and cumulative cases in Epid. Week 9 in 2013.

District	2013		cumm 2013
	WK 9	WK 1-9, 2013	
LUNDU	0	0	0
BAU	0	0	0
KUCHING	0	1	1
SAMARAHAN	0	0	0
ASA JAYA	0	0	0
SERIAN	0	0	0
SIMUNJAN	0	0	0
SRI AMAN	0	0	0
LUBOK ANTU	0	0	0
BETONG	0	0	0
SARATOK	0	0	0
SARIKEI	0	0	0
MERADONG	0	0	0
PAKAN	0	0	0
JULAU	0	0	0
DARO	0	0	0
MATU	0	0	0
DALAT	0	0	0
MUKAH	0	0	0
SIBU	0	0	0
KANOWIT	0	0	0
SELANGAU	0	0	0
SONG	0	0	0
KAPIT	0	0	0
BELAGA	0	0	0
TATAU	0	0	0
BINTULU	0	0	0
MIRI	0	0	0
MARUDI	0	0	0
LIMBANG	0	0	0
LAWAS	0	0	0
Sarawak	0	1	1



No case of Chikungunya was reported in week 09, 2013. During the same period in 2012, 1 case was reported. The cumulative case of Chikungunya for 2013 remain 1.

EW = Epid. Week; Cum. = Cumulative figure

8.4. Filariasis

2 case of Filariasis was reported in week 09, 2013. During the same period in 2012, 6 case was reported. The cumulative case of Filariasis for 2013 is remain 3.

8.5 Japanese Encephalitis (JE)

No case reported in week 09, 2013. During the same period in 2012, no case was reported. The cumulative case of Japanese Encephalitis for 2013 is 3.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No case reported. As at EW 9, no case of Viral Encephalitis reported.

9.2. Viral Hepatitis (all form)

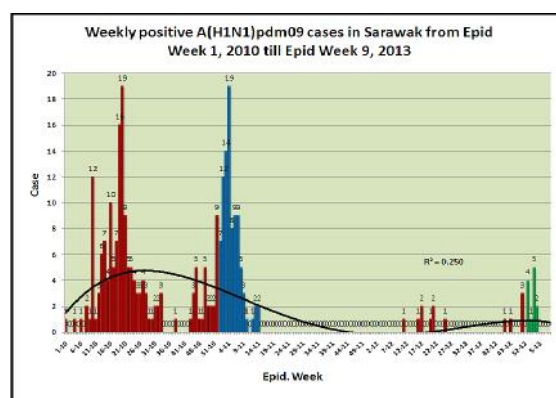
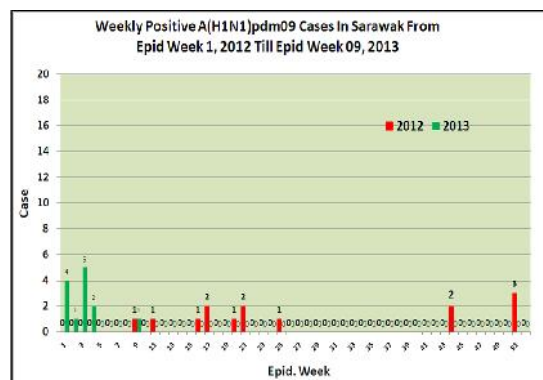
No	Type of Viral Hepatitis	Epid Week 8	Cum. 2013
1	Hepatitis A	0	0
2	Acute Hepatitis B	0	1
3	Chronic Hepatitis B	2	7
4	Acute Hepatitis C	0	4
5	Chronic Hepatitis C	1	7

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

10.1. A/H1N1_{pdm09}

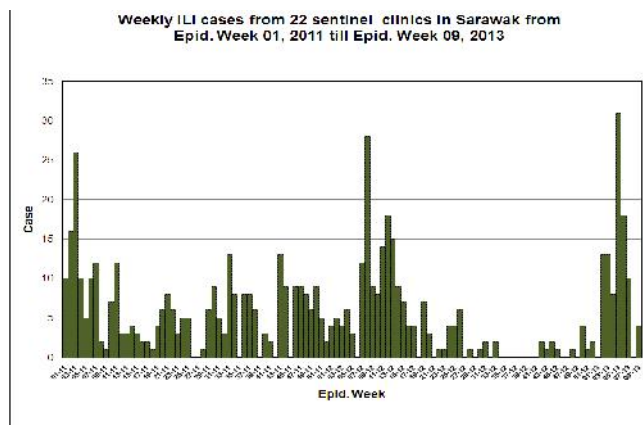
10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} as for Epid. Week 9, 2013 compared to Epid. Week 8, 2012 and cumulative cases in Epid. Week 9 in 2013.

District	2013		2012		Total
	EW 09	Cum.	EW 09	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	1	8	0	0	5
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	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	1	13	0	0	13



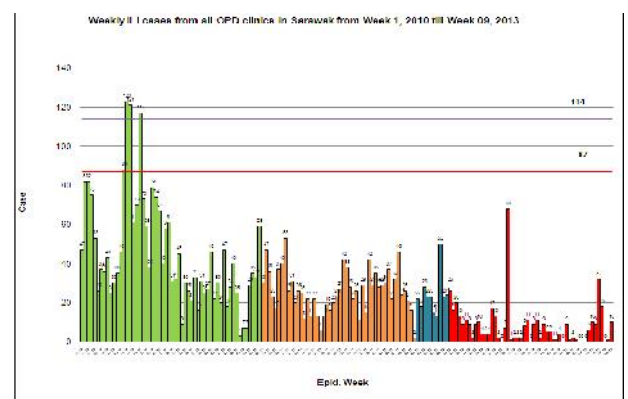
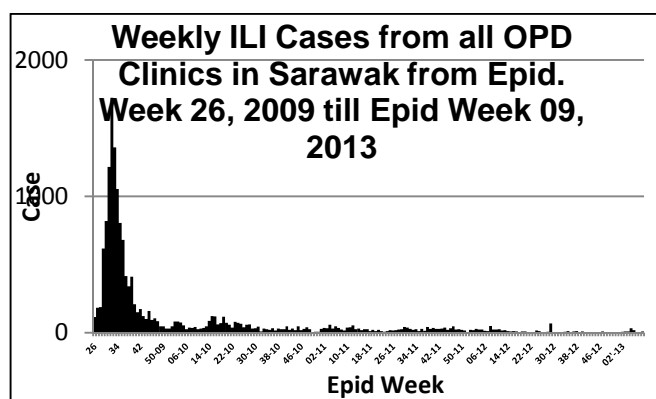
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2011 till Epid. Week 9, in 2013.



In Epid. Week 8, 2013, 10 cases of ILI reported from 22 Sentinel Clinic.

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).

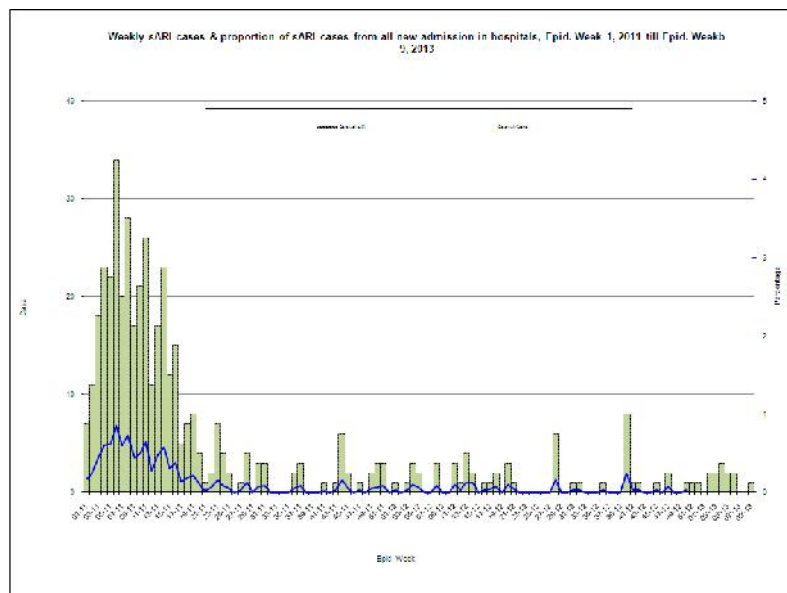


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 2nd, March, 2013.

No ILI cluster reported. The last cluster was on 31st January 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)

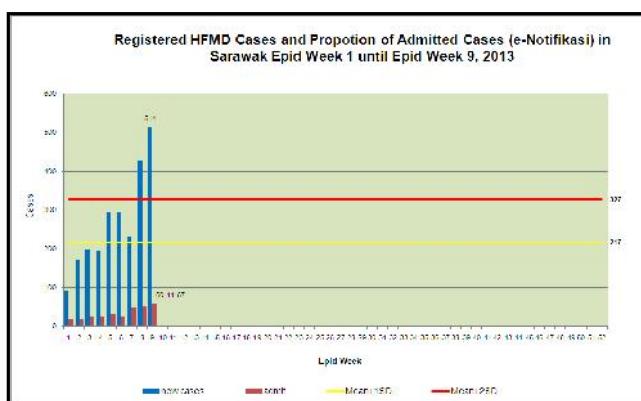
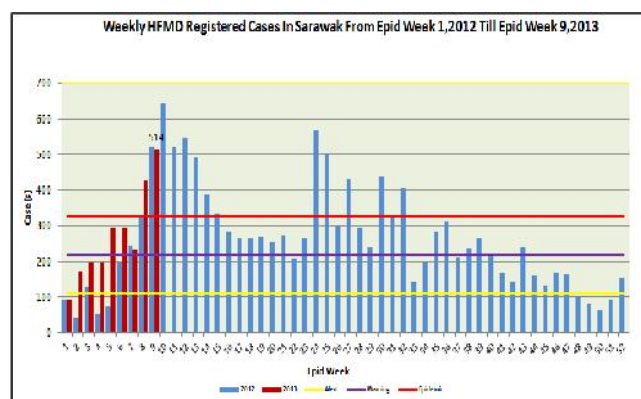
10.1.5. Weekly Summary Report on suspected H1N1 in Government Hospitals in Sarawak as on 2nd March, 2013.

Division	Hospital	New EW 9	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	4	21	0	0	0	0	0	0	0
	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
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	Sri Aman	0	0	0	0	0	0	0	0	0
Betong	Betong	0	1	0	0	0	0	0	1	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	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		4	28	0	0	0	0	0	1	0

EW = Epid. Week; Cum. = Cumulative figure

10.2. Registered HFMD cases (based on e-Notifikasi) for Epid. Week 9, 2013 compared to Epid. Week 8,2012 and cumulative cases until Epid. Week 9,2013.

District / Division	2013		2012		Total
	EW (9)	Cum.	EW (9)	Cum.	
Lundu	8	52	4	25	257
Bau	15	40	18	32	396
Kuching	76	321	184	520	3919
KUCHING	99	413	206	577	4572
Samarahan	7	49	41	98	670
Asajaya	0	2	8	14	97
Simunjan	0	26	0	7	220
Serian	8	103	26	66	742
SAMARAHAN	15	180	75	185	1729
Sri Aman	15	60	1	29	485
Lubok Antu	0	11	1	6	77
SRI AMAN	15	71	2	35	562
Betong	3	36	20	95	385
Saratok	15	49	8	36	280
BETONG	18	85	28	131	665
Sarikei	34	117	8	46	480
Meradong	24	56	2	11	194
Pakan	4	25	11	17	91
Julau	3	64	5	12	131
SARIKEI	65	262	26	86	896
Daro	0	3	0	13	129
Matu	1	13	1	2	68
Dalat	4	17	2	10	113
Mukah	10	24	6	14	162
MUKAH	15	57	9	39	472
Sibu	79	375	34	66	936
Kanowit	36	39	0	2	46
Selangau	5	17	0	0	43
SIBU	120	431	34	68	1025
Song	0	11	1	3	62
Kapit	20	68	10	42	419
Belaga	2	6	1	16	124
KAPIT	22	85	12	61	605
Tatau	0	6	0	21	98
Bintulu	10	91	63	184	913
BINTULU	10	97	63	205	1011
Miri	121	620	35	117	1195
Marudi	3	68	5	20	121
MIRI	124	688	40	137	1316
Limbang	9	43	21	37	104
Lawas	2	9	1	12	453
LIMBANG	11	52	22	49	557
SARAWAK	514	2421	517	1573	13410



EW = Epid. Week; Cum. = Cumulative figure

10.2.2. HFMD Clusters and closure

Cluster and Closure by Division

Division	Cluster		Closure	
	EW9	Cum	EW9	Cum
Kuching	9	41	0	0
Samarahan	0	11	0	0
Sri Aman	1	7	0	0
Betong	2	12	0	0
Sarikei	4	34	1	3
Mukah	3	5	0	0
Sibu	7	35	0	0
Kapit	1	5	0	0
Bintulu	0	1	0	0
Miri	5	46	0	0
Limbang	0	10	0	0
Sarawak	32	207	1	3

Cluster by place of occurrence

Division	Cum. Category Of HFMD Cluster Epid Week 9, 2013				Total	Cum. Closure
	Family	Child Care Centre	Kindergarten	School		
Kuching	39	0	2	0	41	0
Samarahan	11	0	0	0	11	0
Sri Aman	7	0	0	0	7	0
Betong	12	0	0	0	12	0
Sarikei	30	0	2	1	33	3
Mukah	4	0	1	0	5	0
Sibu	32	0	4	0	36	0
Kapit	4	0	0	1	5	0
Bintulu	1	0	0	0	1	0
Miri	45	0	1	0	46	0
Limbang	9	0	0	1	10	0
SARAWAK	194	0	10	3	207	3

10.3. Notified Leptospirosis cases for Epid. Week 9, 2013 compared to Epid. Week 8, 2012 and cumulative cases until Epid.Week 9, in 2013.

District / Division	Case classification				Total					
	Confirmed		Probable		2013		2012		2011	
	EW (9) 2013	EW (9) 2012	EW (9) 2013	EW (9) 2012						
Lundu	0	0	1	0	1		4		6	
Bau	0	0	0	0	1		9 (2)		5 (1)	
Kuching	0	0	1	0	3		76 (2)		40 (2)	
KUCHING	0	0	2	0	5		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	1	0	2 (1)		4		10 (2)	
SAMARAHAN	0	0	1	0	3		20		24 (3)	
Sri Aman	0	0	1	0	1		14		14 (2)	
Lubok Antu	0	0	0	0	0		15		11	
SRI AMAN	0	0	1	0	1		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	2		4 (1)		3	
Julau	0	0	0	0	1		1		0	
SARIKEI	0	0	0	0	3		13 (2)		28	
Daro	0	0	0	0	0		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	0		0		3	
MUKAH	0	0	0	0	0		1		4 (1)	
Sibu	0	0	0	0	0		2		2	
Kanowit	0	0	0	0	0		6 (1)		4	
Selangau	0	0	0	0	0		2		3	
SIBU	0	0	0	0	0		10 (1)		9	
Song	0	0	0	0	0		1		1	
Kapit	0	0	3	0	6		50		12	
Belaga	0	0	0	0	10		4 (1)		7 (1)	
KAPIT	0	0	3	0	16		55		20 (1)	
Tatau	0	0	0	0	0		2		1	
Bintulu	0	0	0	1	9 (1)		7		10 (2)	
BINTULU	0	0	0	1	9		9		11 (2)	
Miri	0	0	0	1	3		10		16 (1)	
Marudi	0	0	0	0	0		2		2	
MIRI	0	0	0	1	3		12		18 (1)	
Limbang	0	0	1	0	2		21 (1)		2 (1)	
Lawas	0	0	0	0	0		0		0	
LIMBANG	0	0	1	0	2		21 (1)		2 (1)	
SARAWAK	0	0	8	2	42 (2)		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 9, 2013

No.	District	Locality	Number of Cases	Outbreak Declared
	Nil			

10.4. Notified Melioidosis cases for Epid. Week 9, 2013 compared to Epid. Week 8,2012 and cumulative cases until Epid. Week 9, 2013

District / Division	Case classification				Total			
	Confirmed		Probable		2013	2012	2011	
	EW (9) 2013	EW (9) 2012	EW (9) 2013	EW (9) 2012				
Lundu	0	0	0	0	0	0	0	
Bau	0	0	0	0	0	1	1	
Kuching	0	0	0	0	0	3	4	
KUCHING	0	0	0	0	0	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	0	1
Kapit	0	0	1	0	1	28	62	(3)
Belaga	0	0	0	0	0	0	21	(4)
KAPIT	0	0	1	0	1	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	0	2	7	(2)
Marudi	0	0	0	0	0	0	1	
MIRI	0	0	0	0	0	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	1	0	1	40	(1)	121 (11)

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

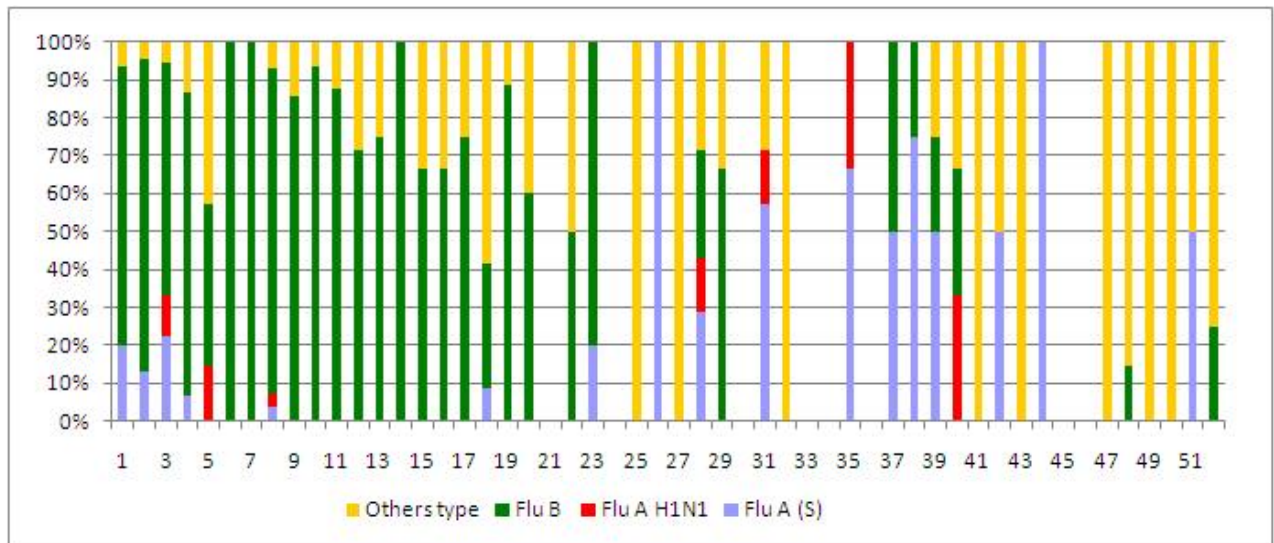
Note

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

® Hospital indicate facility where patient admitted

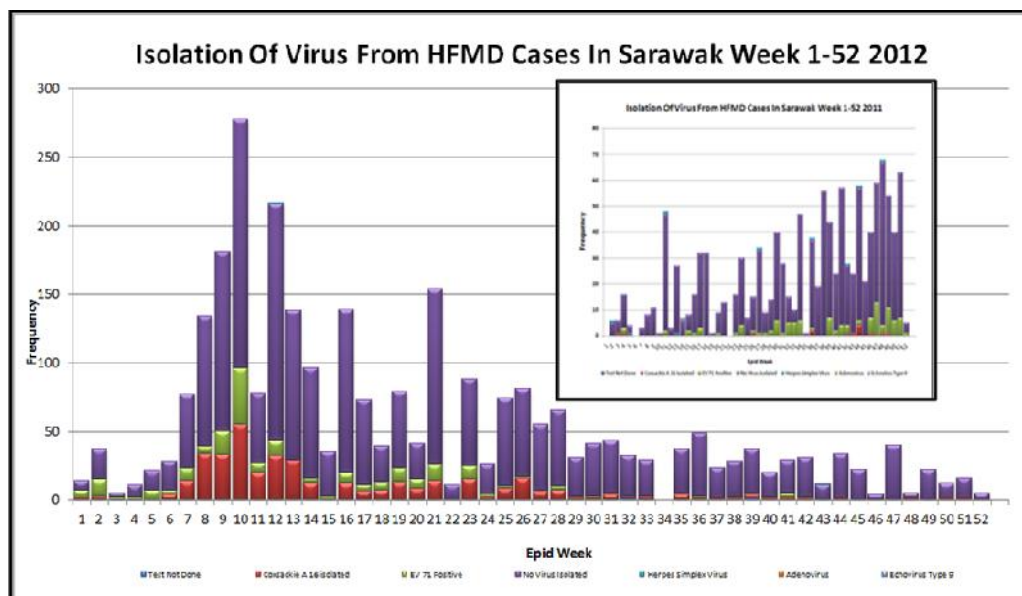
11. LABORATORY BASED SURVEILLANCE

11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah*) from Epid Week 1 till Epid Week 52, 2012.

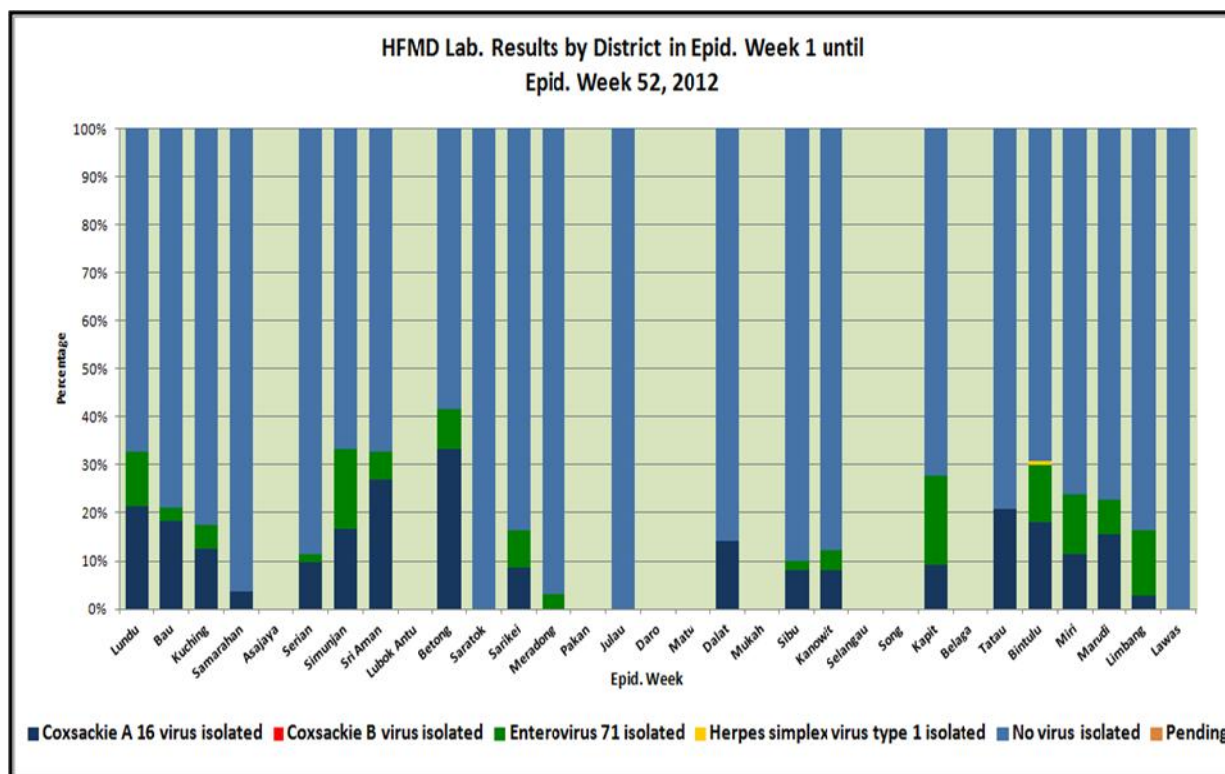


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

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



As of 26th January, 2013, 2816 HFMD samples sent to MKAK Sg Buloh. 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 Safii	Seksyen Kawalan Penyakit Berjangkit Jabatan Kesihatan Negeri Sarawak	razitasham@srwk.moh.gov.my	Tel : 082-473200/277 Fax : 082-443096 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 : 082-443096 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	dmruzian@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 Brocke, 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 Shul	Pejabat Kesihatan Bahagian Kapit Tingkat 3, Wisma Persekutuan, 96800 Kapit	ivanyun@gmail.com	Tel : 084-796404 Fax : 084-332502 Hp : 013-8155183
11	Pegawai Kesihatan Bahagian Mukah Dr. Hj. Osman Hj. Rafele	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

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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.