



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 17

21th April- 27th April,

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

Local update:

Number of HFMD cases decreased below outbreak level.

Global Update:

H7N9

Status as on 30rd April 2013.

There are a total of 126 laboratory confirmed human cases with avian influenza A(H7N9) virus including 24 fatalities in China reported from eight Provinces: Anhui 4 (1), Fujian 2 (0), Henan 4 (0), Hunan 2 (0), Jiangsu 26 (5), Jiangxi 4 (0), Shandong 2 (0) and Zhejiang 46 (6) and two Municipalities: Beijing 1 (0) and Shanghai 34 (12), and one (1) case with no fatalities reported from the Taipei CDC.

* () –Death cases

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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

HFMD

District	Category Of HFMD Cluster, Epid Week 17, 2013				Total	New Closure
	Family	Child Care Centre	Kindergarten	School		
Lundu	1	0	0	0	1	0
Kuching	5	0	0	0	5	0
Serian	1	0	0	0	1	0
Sri Aman	1	0	0	0	1	0
Sibu	1	0	0	0	1	0
Selangau	1	0	0	0	1	0
Song	1	0	0	0	1	0
Miri	5	0	0	0	5	0
Limbang	2	0	0	0	2	0
Sarawak	18	0	0	0	18	0

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 17, 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										1										1						1	
Bau					1															3						1	
Kuching	4/2				6					2	4/2		1						1	14			3			3	
Samarahan	2/0				2									1	1					3			1			1	
Asajaya																											
Simunjan					1															3							
Serian																		1	2							1	
Sri Aman																				3							
L/ Antu																				4							
Betong					1								1							3							
Saratok					2								1							3							
Sarikei					2															1							
Meradong																		1									
Pakan					1															2							
Julau	0/1																										
Daro																											
Matu																											
Dalat																											
Mukah					1															1							
Sibu					1					3									2	6						2	
Kanowit																			2	4			4				
Selangau					1				14																		
Song																											
Kapit					2															8							
Belaga					1								4							1							
Tatau					1								1							1							
Bintulu	1/0				1								1							5							
Miri					2				11											3							
Marudi													3														
Limbang																				3			5				
Lawas																			1								
TOTAL (Week 17)	7/3				26				25	6			12	1	1				8	25			13			9	
Total (2013)	61/36				608	2			512	178	4291	13	289	16	153				74	2	709	4		73			103
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).

** 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 until Epid Week 17, 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	27	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	2	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	3	0	5	0	0
Maradong	3	2	1	0	57	0	0	0	0
Julau	0	0	0	0	0	0	1	0	0
Pakan	0	0	0	0	4	0	4	2	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	68	0	0	0	0
Kapit	0	1	0	0	10	0	1	0	0
Belaga	0	1	0	0	4	0	0	0	0
Song	0	0	0	0	35	0	1	0	0
Bintulu	1	0	0	0	4	0	3	1	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	1
Limbang	1	0	0	0	79	0	0	0	0
Lawas	0	0	0	0	12	0	0	0	0
Total	8	7	1	0	512(1)	0	37	4	1
2012	132	28	7	3	1551	111	131	15	3

*Note:

S = Suspected; C = Confirmed

FP: Food Poisoning

() = Death

4.2 Summary number of FWBD cases and outbreak from Epid.week 1-17

Diseases	Number of cases		Outbreak	
	ME 17	2013	ME 17	2013
KRM	25	512(1)	3	35
Tifoid	1	6	0	1
Paratifoid	0	0	0	0
Kolera	0	0	0	0
Dysentry	0	2	0	0
Hep. A	0	1	0	0
AGE dan lain-lain			0	5
JUMLAH	139	515(1)	3	35

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 17, 2013

Division	TYPES OF DISEASES											
	Measles					Rubella	Tetanus C	Whooping Cough		Hepatitis B		Japanese Encephalitis
	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirmed		S	C	Acute	Chronic	
		Lab. Confirmed	Clinically Confirmed	Epid. Link								
Kuching	21	0	0	0	12	3	0	9	0	1	9	2
Samarahan	15	0	0	0	9	0	0	5	1	0	2	0
Sri Aman	1	0	0	0		0	0	0	0	1	1	1
Betong	16	0	0	0	10	6	0	0	0	0	2	0
Sarikei	22	2	0	1	11	3	1	0	0	0	0	0
Sibu	4	0	0	0	4	0	0	1	0	2	0	0
Kapit	30	0	0	0	21	14	0	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	1	0	1	1	0
Bintulu	7	0	0	0	1	1	1	0	0	0	0	0
Miri	29	0	0	0	13	5	0	0	0	2	3	0
Limbang	8	0	0	0	4	0	0	0	0	1	16	0
Sarawak	153	2	0	1	85	32	2	15	1	8	34	3

Note: S = suspected; C = confirmed

5.2. Measles Elimination Programme (MEP) Achievement by Division from Epid. Week 1 until Epid Week 17, 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	15	15	100.00	11	73.33	15	100.00
Sri Aman	1	1	100.00	1	100.00	1	100.00
Betong	16	16	100.00	14	87.50	16	100.00
Sarikei	22	20	90.91	20	90.91	22	100.00
Sibu	4	4	100.00	4	100.00	4	100.00
Kapit	30	27	90.00	28	93.33	28	93.33
Mukah	0	0	0	0	0	0	0
Bintulu	7	6	85.71	7	100.00	7	100.00
Miri	29	27	93.10	25	86.21	24	82.76
Limbang	8	8	100.00	8	100.00	8	100.00
Sarawak	153	142	92.81	138	90.20	146	95.42

Measles Elimination Programme Strategies:

5.4 Acute Flaccid Paralysis (AFP)

Reported AFP cases in Sarawak, in Epid Week 1-17, 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	1	1	0	0
Samarahan	79,300	3	1	0	0	0	0
Sri Aman	33,300	0		1	1	0	0
Betong	43,600	0		0	0	0	0
Sibu	97,900	0	1	0	0	0	0
Kapit	37,400	0		0	0	0	0
Mukah	30,100	0		0	0	0	0
Sarikei	65,000	1	1	0	0	0	0
Miri	123,500	2	1	2	2	0	1
Bintulu	75,800	1	1	0	0	0	0
Limbang	30,400	0		0	0	0	0
TOTAL	854.7	8	7	4	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 17, 2013 and cumulative cases from Epid. Week 1, 2013 until Epid Week 17, 2013.

HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		2		1	
Kuching	4	21		12	
KUCHING	4	23	0	13	
Samarahan	2	6		5	
Asajaya		0		2	
Simunjan		0		3	
Serian		2		1	
SAMARAHAN	2	8	0	11	
Sri Aman		0		2	
Lubok Antu		0		0	
SRI AMAN	0	0	0	2	
Betong		0		0	
Saratok		0		0	
BETONG	0	0	0	0	
Sarikei		0		0	
Meradong		0		0	
Pakan		1		0	
Julau		0		0	
SARIKEI	0	1	0	0	
Daro		0		0	
Matu		0		0	
Dalat		0		0	
Mukah		0		0	
MUKAH	0	0	0	0	
Sibu		4		2	
Kanowit		1		1	
Selangau		0		0	
SIBU	0	5	0	3	
Song		0		0	
Kapit		0		0	
Belaga		2		0	
KAPIT	0	2	0	0	
Iatou		1		0	
Bintulu	1	7		0	
BINTULU	1	8	0	0	
Miri		11		10	
Marudi		0		1	
MIRI	0	11	0	11	
Limbang		0		1	
Lawas		3		1	
LIMBANG		3	0	2	
Sarawak	7	61	0	42	

AIDS

District / Division	2012		2013		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		0		1	
Kuching		3	2	15	
KUCHING	0	3	2	16	
Samarahan	1	2		0	
Asajaya		1		0	
Simunjan		1		0	
Serian		2		1	
SAMARAHAN	1	6	0	1	
Sri Aman	1	1		0	
Lubok Antu		0		0	
SRI AMAN	1	1	0	0	
Betong		0		1	
Saratok		0		0	
BETONG	0	0	0	1	
Sarikei		1		0	
Meradong		1		1	
Pakan		1		1	
Julau		0	1	1	
SARIKEI	0	3	1	3	
Daro		0		0	
Matu		0		0	
Dalat		0		0	
Mukah		1		0	
MUKAH	0	1	0	0	
Sibu		2		3	
Kanowit		0		1	
Selangau		0		0	
SIBU	0	2	0	4	
Song		1		0	
Kapit		0		0	
Belaga		0		2	
KAPIT	0	1	0	2	
Tatau		0		1	
Bintulu		0		4	
BINTULU	0	0	0	5	
Miri		4		4	
Marudi		1		0	
MIRI	0	5	0	4	
Limbang		2		0	
Lawas		1		0	
LIMBANG	0	2	0	0	
Sarawak	2	24	3	36	

EW = Epid. Week; Cum. = Cumulative figure

6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 17, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 17, 2013.

Gonorrhoea

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu	1	2		3	
Bau		1		0	
Kuching	2	79		45	
KUCHING	3	82	0	48	
Samarahan		21		9	
Asajaya		9		5	
Simunjan		2	1	5	
Serian		2	1	3	
SAMARAHAN	0	34	2	22	
Sri Aman		0	1	4	
Lubok Antu		0		1	
SRI AMAN	0	0	1	5	
Betong		4		0	
Saratok		3		0	
BETONG	0	7	0	0	
Sarikei		1		0	
Meradong		1		1	
Pakan		0		1	
Julau		0		0	
SARIKEI	0	2	0	2	
Daro		1		2	
Matu		1		5	
Dalat		0		0	
Mukah		4		2	
MUKAH	0	6	0	9	
Sibu	3	25	5	19	
Kanowit		1		0	
Selangau		0	1	2	
SIBU	3	26	6	21	
Song		0		0	
Kapit		3		0	
Belaga		0		0	
KAPIT	0	3	0	0	
Tatau		4		0	
Bintulu		9		3	
BINTULU	0	13	0	3	
Miri		4		14	
Marudi		0		2	
MIRI	0	4	0	16	
Limbang		1		2	
Lawas		0		2	
LIMBANG	1	1	0	4	
Sarawak	6	178	9	130	

Syphilis

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0	1	2	
Bau		2		2	
Kuching		10	2	30	
KUCHING	0	12	3	34	
Samarahan	1	8		7	
Asajaya		0		4	
Simunjan		4		1	
Serian	1	2		1	
SAMARAHAN	2	14	0	13	
Sri Aman		5		9	
Lubok Antu		2		3	
SRI AMAN	0	7	0	12	
Betong		0		0	
Saratok		0		0	
BETONG	0	0	0	0	
Sarikei		1		0	
Meradong	1	0		0	
Pakan		1		1	
Julau		0		0	
SARIKEI	1	2	0	1	
Daro		0		0	
Matu		0		0	
Dalat		1		0	
Mukah		0		1	
MUKAH	0	1	0	1	
Sibu	2	20	3	16	
Kanowit	2	3		0	
Selangau		1		1	
SIBU	4	24	3	17	
Song		0		0	
Kapit		0		1	
Belaga		2		0	
KAPIT	0	2	0	1	
Tatau		0		0	
Bintulu		4		4	
BINTULU	0	4	0	4	
Miri		1		3	
Marudi		4		1	
MIRI	0	5	0	4	
Limbang		1		1	
Lawas	1	2		0	
LIMBANG	1	3	0	1	
Sarawak	8	74	6	88	

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

7.1 Notified Tuberculosis cases for Epid. Week 17, 2013 compared to Epid. Week 17, 2012 and cumulative cases until Epid. Week 17, 2013.

District / Division	2013		2012		Total
	EW (17)	Cum.	EW (17)	Cum.	
Lundu	1	12	0	6	38
Bau	3	21	2	17	38
Kuching	14	179	9	138	501
KUCHING	18	212	11	161	577
Samarahan	3	34	1	20	44
Asajaya	0	10	0	8	22
Simunjan	3	18	1	19	47
Serian	2	20	0	15	40
SAMARAHAN	8	82	2	62	153
Sri Aman	3	18	2	19	63
Lubok Antu	4	9	1	11	44
SRI AMAN	7	27	3	30	107
Betong	3	20	0	11	52
Saratok	3	15	0	13	59
BETONG	6	35	0	24	111
Sarikei	1	13	0	19	73
Meradong	0	6	0	12	38
Pakan	2	11	0	5	32
Julau	0	8	0	7	20
SARIKEI	3	38	0	43	163
Daro	0	4	0	8	27
Matu	0	2	0	6	10
Dalat	0	0	0	1	13
Mukah	1	13	0	16	64
MUKAH	1	19	0	31	114
Sibu	6	68	4	71	226
Kanowit	4	11	0	15	41
Selangau	0	10	0	16	51
SIBU	10	89	4	102	318
Song	0	5	0	4	10
Kapit	8	26	0	18	60
Belaga	1	10	2	14	47
KAPIT	9	41	2	36	117
Tatau	1	13	1	18	53
Bintulu	5	81	4	62	252
BINTULU	6	94	5	80	305
Miri	3	102	2	94	310
Marudi	0	16	1	26	81
MIRI	3	118	3	120	391
Limbang	3	18	2	19	52
Lawas	0	10	1	10	22
LIMBANG	3	28	3	29	74
Sarawak	74	783	33	718	2430

7.2 Notified Leprosy cases for Epid. Week 17, 2013 compared to Epid. Week 17, 2012 and cumulative cases until Epid. Week 17, 2013.

District / Division	2013		2012		Total
	EW (17)	Cum.	EW (17)	Cum.	
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	1	0
Serian	0	0	0	0	1
SAMARAHAN	0	0	0	1	1
Sri Aman	0	0	0	2	1
Lubok Antu	0	0	0	0	0
SRI AMAN	0	0	0	2	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	1	0
Julau	0	0	0	0	2
SARIKEI	0	0	0	1	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	2	5
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
SIBU	0	0	0	2	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	2	2
BINTULU	0	1	0	2	2
Miri	0	1	0	1	9
Marudi	0	7	0	2	11
MIRI	0	8	0	3	20
Limbang	0	0	0	0	1
Lawas	0	0	0	0	0
LIMBANG	0	0	0	0	1
Sarawak	0	13	0	11	44

EW = Epid. Week; Cum. = Cumulative figure

7.3 Notified Tuberculosis (all forms) Case Classification as on 27th April, 2013

District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW (17)	Cum.	EW (17)	Cum.	EW (17)	Cum.
Lundu	0	0	1	3	0	9
Bau	3	14	0	3	0	4
Kuching	6	101	5	59	3	19
KUCHING	9	115	6	65	3	32
Samarahan	2	17	0	13	1	4
Asajaya	0	8	0	2	0	0
Simunjan	2	15	0	1	1	2
Serian	1	10	1	9	0	1
SAMARAHAN	5	50	1	25	2	7
Sri Aman	1	11	2	6	0	1
Lubok Antu	3	5	1	2	0	2
SRI AMAN	4	16	3	8	0	3
Betong	3	15	0	1	0	4
Saratok	1	9	2	4	0	2
BETONG	4	24	2	5	0	6
Sarikei	0	4	1	4	0	5
Meradong	0	4	0	1	0	1
Pakan	2	5	0	2	0	4
Julau	0	2	0	4	0	2
SARIKEI	2	15	1	11	0	12
Daro	0	2	0	2	0	0
Matu	0	1	0	1	0	0
Dalat	0	0	0	0	0	0
Mukah	0	10	1	3	0	0
MUKAH	0	13	1	6	0	0
Sibu	2	47	1	10	3	11
Kanowit	2	7	0	1	2	3
Selangau	0	6	0	3	0	1
SIBU	4	60	1	14	5	15
Song	0	3	0	2	0	0
Kapit	7	17	1	7	0	2
Belaga	0	6	1	2	0	2
KAPIT	7	26	2	11	0	4
Tatau	1	3	0	10	0	0
Bintulu	3	42	2	28	0	11
BINTULU	4	45	2	38	0	11
Miri	2	74	1	10	0	17
Marudi	0	13	0	1	0	2
MIRI	2	87	1	11	0	19
Limbang	3	15	0	0	0	3
Lawas	0	7	0	0	0	3
LIMBANG	3	22	0	0	0	6
Sarawak	44	473	20	194	10	115

EW = Epid. Week; Cum. = Cumulative figure

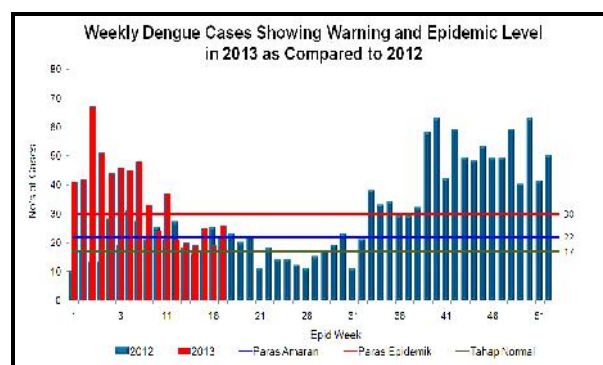
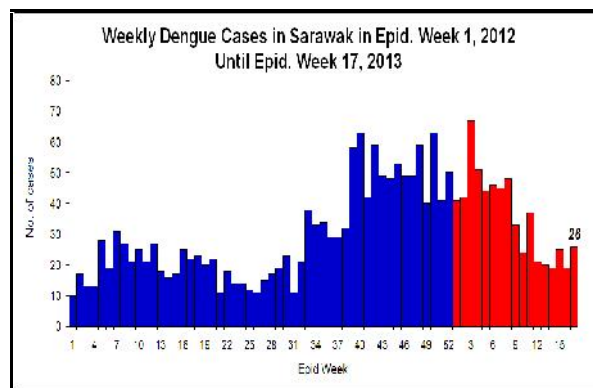
7.3 Notified Tuberculosis (all forms) Patient Classification as on 27th April, 2013

District / Division	Children (<15yrs)		Health care worker				PUSPEN/Prison		Foreigner		TB/HIV		Pusat Jagaan	
	EW (17)	Cum.	*Exposed	*Not exposed	*Exposed	*Not exposed	EW (17)	Cum.	EW (17)	Cum.	EW (17)	Cum.	EW (17)	Cum.
			EW (17)	Cum.	EW (17)	Cum.								
Lundu		0		1		1		0		0		0		0
Bau		1		0		0		0		1		0		0
Kuching		3		5		5		0		4		3		0
KUCHING	0	4	0	6	0	6	0	0	0	5	0	3	0	0
Samarahan		0		0		0		0		1		0		0
Asajaya		1		0		0		0		2		0		0
Simunjan		0		0		0		0		0		0		0
Serian		2		0		0		0		0		0		0
SAMARAHAN	0	3	0	0	0	0	0	0	0	3	0	0	0	0
Sri Aman		0		0		0		0		0		0		0
Lubok Antu		0		0		0		0		0		0		0
SRI AMAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Betong		0		0		0		0		1		0		0
Saratok		0		0		0		0		0		0		0
BETONG	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Sarikel		0		0		0		0		0		0		0
Meradong		0		0		0		0		1		0		0
Pakan		0		0		0		0		0		0		0
Julau		0		0		0		0		0		1		0
SARIKEI	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Daro		0		0		0		0		1		0		0
Matu		0		0		0		0		0		0		0
Dalat		0		0		0		0		0		0		0
Mukah		0		0		0		0		1		0		0
MUKAH	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Sibu		2		2		2		0		2		0		0
Kanowit	1	1		0		0		0		0		0		0
Selangau		0		0		0		0		0		0		0
SIBU	1	3	0	2	0	2	0	0	0	2	0	0	0	0
Song		0		0		0		0		0		0		0
Kapit	1	3		0		0		0		1		0		0
Belaga		1		0		0		0		3		1		0
KAPIT	1	4	0	0	0	0	0	0	0	4	0	1	0	0
Tatau		3		0		0		0		1		0		0
Bintulu	1	4		0		0		0		1		1		0
BINTULU	1	7	0	0	0	0	0	0	1	18	0	1	0	0
Miri		4		0		0		2		11		2		0
Marudi		0		0		0		0		2		0		0
MIRI	0	4	0	0	0	0	0	2	0	13	0	2	0	0
Limbang		0		0		0		0		1		0		0
Lawas		0		0		0		0		1		0		0
LIMBANG	0	0	0	0	0	0	0	0	0	3	0	0	0	0
Sarawak	3	25	0	8	0	8	0	2	2	51	0	8	0	0

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 17, 2013 compared to Epid. Week 17, 2012 and cumulative cases until Epid. Week 17, 2013.

District	2013		2012	
	EW 17	Cum.	EW 17	Cum.
Lundu	0	2	0	4
Bau	1	3	1	10
Kuching	6	53	0	53
Samarahan	2	8	0	15
Asajaya	0	0	0	2
Serian	1	7	0	5
Simunjan	0	3	0	7
Sri Aman	0	24	1	17
Lubok Antu	0	14	0	8
Betong	1	21	1	15
Saratok	2	21	1	6
Sarikei	2	43	2	14
Meradong	0	13	0	6
Pakan	1	30	1	12
Julau	0	6	0	3
Daro	0	1	0	1
Matu	0	2	0	0
Dalat	0	0	0	6
Mukah	1	2	0	3
Sibu	1	92	2	17
Kanowit	0	11	0	4
Selangau	1	6	0	2
Song	0	13	0	6
Kapit	2	35	0	17
Belaga	1	14	2	6
Tatau	1	6	6	14
Bintulu	1	48	1	21
Miri	2	40	3	55
Marudi	0	15	0	13
Limbang	0	5	0	6
Lawas	0	70	1	2
Sarawak	26	608	22	350

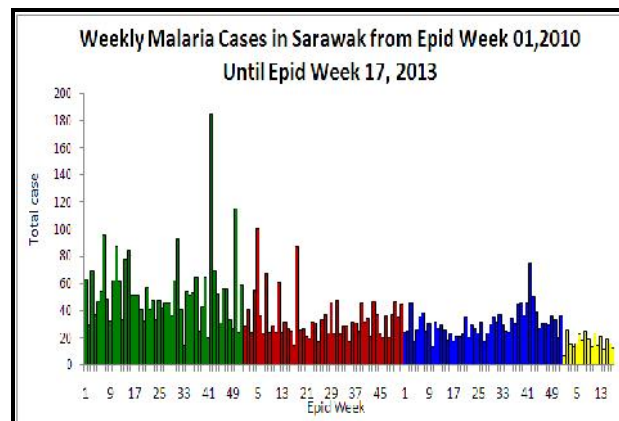


In 2013, a total of 26 dengue cases were reported for Week 17 (28 April, 2013) as compared to 22 cases during the same period in 2012. There were increases of 7 cases from the previous week (Week 16, 2013). There is no new and active outbreak reported for this week.

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 17, 2013 compared to Epid.Week17, 2012 and cumulative cases until Epid.Week 17 , in 2013.

District	2013		2012	
	EW 17	Cum.	EW 17	Cum.
Lundu	0	1	0	5
Bau	0	0	0	0
Kuching	1	11	0	9
Samarahan	0	1	0	2
Asajaya	0	0	0	0
Serian	0	0	0	3
Simunjan	0	3	0	2
Sri Aman	0	2	0	6
Lubok Antu	0	6	1	11
Netong	1	10	4	14
Saratok	1	15	0	9
Sarikei	0	3	1	6
Meradong	0	2	0	1
Pakan	0	11	0	21
Julau	0	13	0	25
Daro	0	1	0	2
Matu	0	0	0	1
Dalat	0	1	0	2
Mukah	0	0	0	1
Sibu	0	8	2	28
Kanowit	0	13	2	27
Selangau	0	4	2	10
Sung	0	17	1	20
Kapit	0	51	2	64
Belaga	1	19	1	22
Iatou	1	2	0	9
Dintulu	1	13	0	5
Miri	0	6	1	14
Marudi	3	26	0	101
Limbang	0	3	0	8
Lawas	0	17	0	21
Sarawak	12	289	17	449



A total of 12 cases were reported on week 17, 2013. Cumulative cases till week 17 were 289 cases. Of the 12 cases, 4 cases (33.3%) from Belaga District, 3 cases (25%) from Marudi District. Other cases (41.7%) 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 species and case classification

Species	Local *	Imported	WK 17	EW 1-17
<i>Plasmodium vivax</i>	3	2	5	97
<i>Plasmodium falciparum</i>	0	0	0	13
<i>Plasmodium malariae</i>	0	0	0	0
<i>Plasmodium knowlesi</i>	6	0	6	178
<i>Plasmodium ovale</i>	0	1	1	1
Mixed infection	0	0	0	0
Total	9	3	12	289

*Local = Indigenous, Relapsed, Introduce

8.2.2. The summary of the *Imported cases

District	Nationality	Place of Infection	Cases	Gender	Age
Kuching	Indonesian	Tamika Papua Philipina	<i>P. Vivax</i>	Male	61
Bintulu	Malaysian	Kimbe, Liberia	<i>P. Vivax</i>	Male	53
Tatau	Malaysian	Greenville, Monrovia City, Liberia	<i>P. Ovale</i>	Male	53

Case Definition Imported A = Source of infection from other country

8.4. Chikungunya

There is no new case reported in week 17/2013 and during the same period in 2012. The cumulative number of case in 2013 is one (1).

8.4. Filariasis

There is no new case reported in week 17/2013. There is one case was reported during the same period in 2012. The cumulative numbers of cases for 2013 were 15.

8.5 Japanese Encephalitis (JE)

There is no new case reported in week 17/2013 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 17, no case of Viral Encephalitis reported.

9.2. Viral Hepatitis (all form)

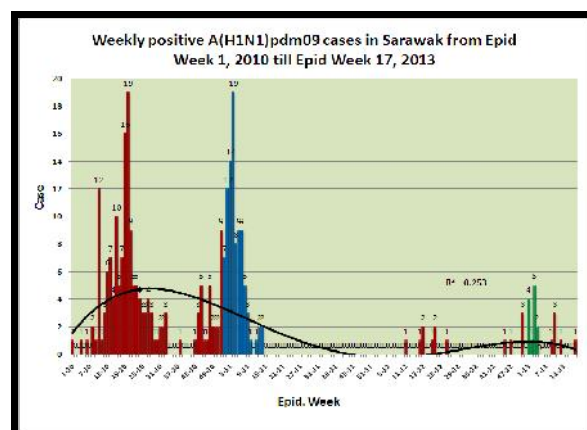
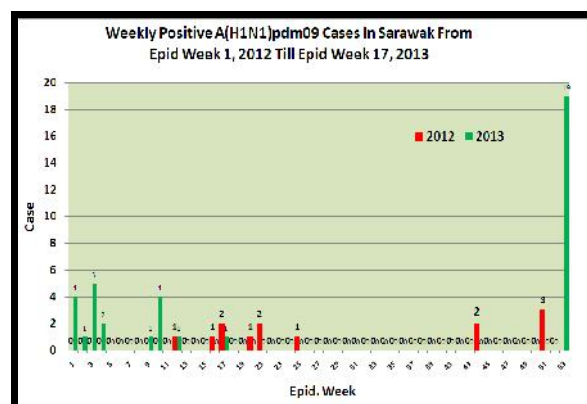
No	Type of Viral Hepatitis	Epid Week 17	Cum. 2013
1	Hepatitis A	0	1
2	Acute Hepatitis B	2	8
3	Chronic Hepatitis B	7	34
4	Acute Hepatitis C	3	9
5	Chronic Hepatitis C	1	22

10. EMERGING/RE-EMERGING INFECTIOUS AND ZOOONOTIC DISEASES

10.1.A/H1N1_{pdm09}

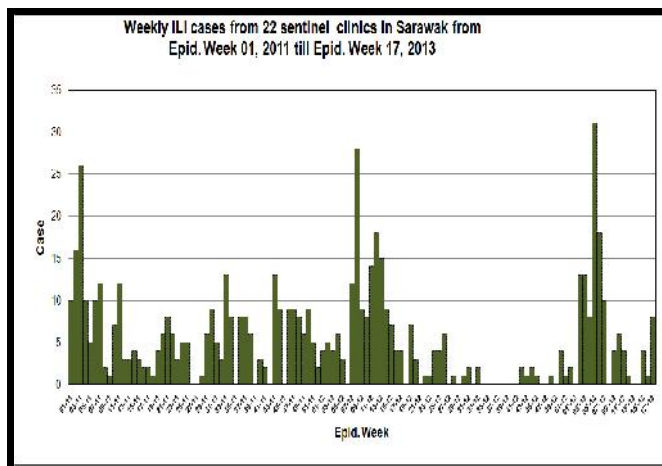
10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} as for Epid. Week 17, 2013 compared to Epid. Week 17, 2012 and cumulative cases in Epid. Week 17, in 2013.

District	2013		2012		Total
	EW 17	Cum.	EW 17	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	1	13	2	5	18
Samarahan	0	1	0	0	1
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	5
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	2	2
Tatau	0	0	0	1	1
Bintulu	0	0	0	5	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	19	2	13	32



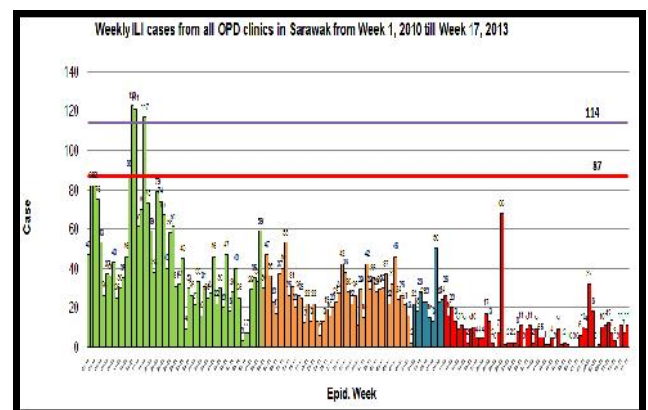
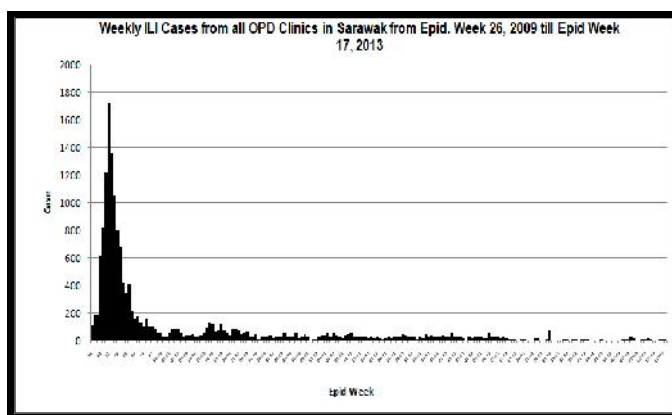
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week1 in 2011 till Epid.Week 17, in 2013.



6 ILI cases reported in week 17

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).

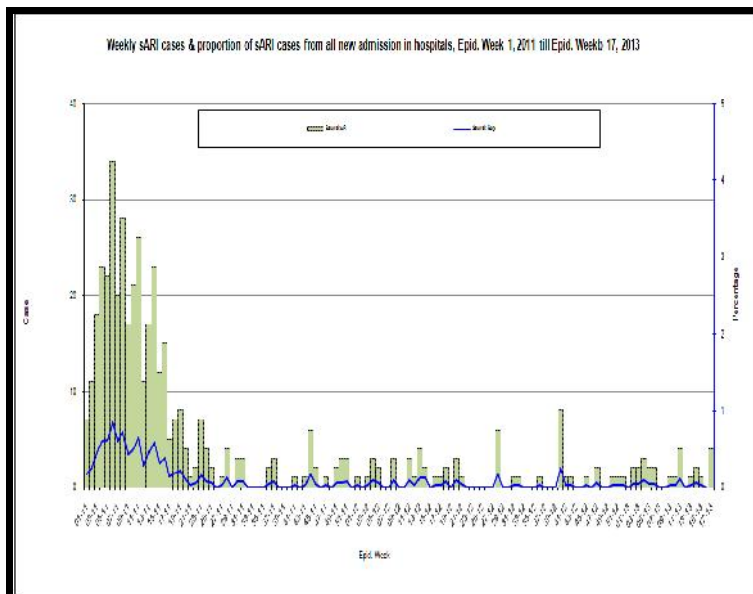


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 27th, April, 2013.

No ILI cluster reported in week 17.

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)

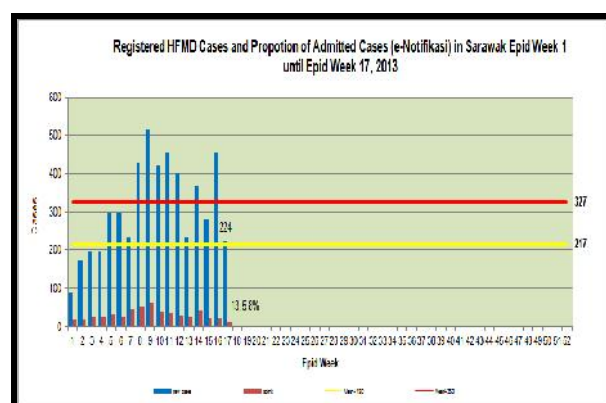
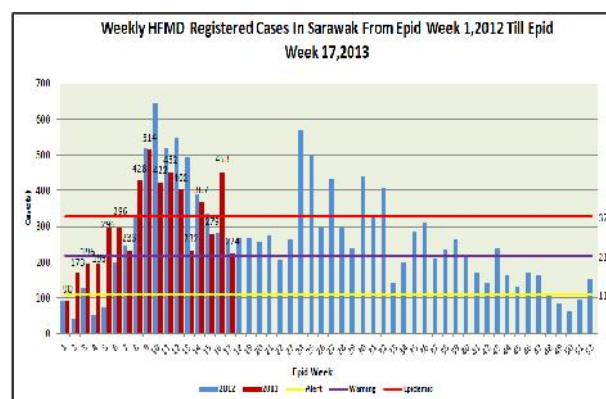
10.1.5. Weekly Summary Report on suspected H1N1 in Government Hospitals in Sarawak as on 27th April, 2013.

Division	Hospital	New EW 17	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	4	32	0	0	0	0	1	3	0
	Bau	0	0	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCDM	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		4	43	0	0	0	0	1	3	0

EW = Epid. Week; Cum. = Cumulative figure

10.2. Registered HFMD cases (based on e-Notifikasi) for Epid.Week 17, 2013 compared to Epid.Week17,2012 and cumulative cases until Epid.Week 17,2013.

District / Division	2013		2012		Total
	EW 17	Cum.	EW 17	Cum.	
Lundu	2	104	8	118	257
Bau	4	130	8	163	394
Kuching	61	855	20	1647	3018
KUCHING	67	1089	115	1928	4569
Samarahan	13	113	0	301	659
Awajaya	2	15	0	47	96
Simunjan	1	57	0	62	210
Serian	11	176	14	173	742
SAMARAHAN	27	361	28	588	1707
Sri Aman	5	129	17	212	485
Lubok Antu	0	24	0	35	77
SRI AMAN	5	153	17	247	562
Belong	1	56	0	173	385
Saratok	3	107	3	70	279
BETONG	4	163	3	243	664
Sarikei	4	186	7	150	481
Merudong	1	98	0	22	194
Pakan	1	48	5	56	87
Julau	0	74	4	58	130
SARIKEI	6	406	16	286	892
Daru	0	40	0	37	126
Matu	0	29	0	23	63
Dalat	2	91	0	40	107
Mukah	2	71	1	64	162
MUKAH	4	240	1	164	458
Sibu	13	698	23	201	936
Kunawit	1	77	0	15	46
Selangau	8	40	2	13	43
SIBU	22	824	25	229	1025
Song	1	44	1	12	62
Kapit	5	152	1	88	419
Belaga	6	73	0	19	124
KAPIT	12	269	2	119	605
Tutuu	0	14	3	50	118
Bintulu	4	262	31	518	913
BINTULU	4	276	34	568	1031
Miri	55	1220	20	333	1199
Marudi	0	84	0	39	123
MIRI	55	1304	20	372	1322
Limbang	18	116	0	29	453
Luvus	0	41	5	266	104
LIMBANG	18	157	5	295	557
SARAWAK	224	5242	261	5034	13392



EW = Epid. Week; Cum. = Cumulative figure

10.2.2.HFMD Clusters and closure

Cluster and Closure by Division

Division	Category Of HFMD Cluster in EW1-17,2013				Total	Cum. Closure
	Family	Child Care Centre	Kindergarten	School		
Kuching	91	1	5	1	98	1
Samarahan	26	1	1	0	28	1
Sri Aman	17	0	2	0	19	2
Betong	17	0	0	0	17	0
Sarikei	49	0	2	1	52	3
Mukah	13	0	2	0	15	0
Sibu	63	1	9	0	73	0
Kapit	12	0	0	1	13	0
Bintulu	9	0	0	0	9	0
Miri	100	0	1	0	101	0
Limbang	18	0	4	2	24	3
SARAWAK	415	3	26	5	449	10

10.3. Notified Leptospirosis cases for Epid. Week 17, 2013 compared to Epid.Week17, 2012 and cumulative cases until Epid.Week 17, in 2013.

District / Division	Case classification					Total					
	Confirmed		Probable		Total	2013		2012		2011	
	EW (17) 2013	EW (17) 2012	EW (17) 2013	EW (17) 2012	EW (17) 2013						
Lundu	0	0	1	0	1	3		4		6	
Bau	0	0	1	0	1	2		9	(2)	5	(1)
Kuching	0	0	3	0	3	7		76	(2)	40	(2)
KUCHING	0	0	5	0	5	12		87	(4)	51	(3)
Samarahan	1	0	0	0	1	3		12		3	
Asajaya	0	0	0	0	0	0		0		3	
Simunjan	0	0	0	0	0	0		4		8	(1)
Serian	1	0	0	1	1	4	(1)	4		10	(2)
SAMARAHAN	2	0	0	1	2	7		20		24	(3)
Sri Aman	0	0	0	0	0	0		14		14	(2)
Lubok Antu	0	0	0	0	0	3		15		11	
SRI AMAN	0	0	0	0	0	3		29		25	(2)
Betong	0	0	0	0	0	0		8		5	(1)
Saratok	0	0	0	0	0	1		4		6	(1)
BETONG	0	0	0	0	0	1		12		11	(2)
Sarikei	0	0	0	0	0	0		6	(1)	1	
Meradong	0	0	0	0	0	2		2		24	
Pakan	0	0	0	0	0	3	(1)	4	(1)	3	
Julau	0	0	0	0	0	1		1		0	
SARIKEI	0	0	0	0	0	6		13	(2)	28	
Daro	0	0	0	0	0	1		1	(1)	1	(1)
Matu	0	0	0	0	0	0		0		0	
Dalat	0	0	0	0	0	1		0		0	
Mukah	0	0	0	0	0	1	(1)	0		3	
MUKAH	0	0	0	0	0	3		1		4	(1)
Sibu	2	0	0	0	2	3	(1)	2		2	
Kanowit	0	0	0	0	0	3		6	(1)	4	
Selangau	0	0	0	0	0	0		2		3	
SIBU	2	0	0	0	2	6		10	(1)	9	
Song	0	0	0	0	0	0		1		1	
Kapit	0	0	0	0	0	6		50		12	
Belaga	0	0	0	0	0	12		4	(1)	7	(1)
KAPIT	0	0	0	0	0	18		55		20	(1)
Tatau	0	0	0	0	0	4		2		1	
Bintulu	0	0	0	0	0	23	(1)	7		10	(2)
BINTULU	0	0	0	0	0	27		9		11	(2)
Miri	0	0	0	0	0	15	(2)	10		16	(1)
Marudi	0	0	0	0	0	1		2		2	
MIRI	0	0	0	0	0	16		12		18	(1)
Limbang	0	0	0	0	0	4		21	(1)	2	(1)
Lawas	0	0	0	0	0	0		0		0	
LIMBANG	0	0	0	0	0	4		21	(1)	2	(1)
SARAWAK	4	0	5	1	9	103	(9)	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 (SuratPekelilingKetuaPengarahKesehatan Malaysia Bil. 33/201

10.3.1 Locality of Leptospirosis Cluster in Sarawak until Epid. Week 17, 2013

No.	District	Locality	Number of Cases	Outbreak Declared
	Nil			

10.4. Notified Melioidosis cases for Epid. Week 17, 2013 compared to Epid. Week 17, 2012 and cumulative cases until Epid. Week 17, 2013

District / Division	Case classification				Total EW (17) 2013	Total			
	Confirmed		Probable			2013	2012	2011	
	EW (17) 2013	EW (17) 2012	EW (17) 2013	EW (17) 2012					
Lundu	0	0	0	0	0	0	0	0	
Dau	0	0	0	0	0	0	1	1	
Kuching	0	0	0	0	0	2	3	4	
KUCHING	0	0	0	0	0	2	4	5	
Samarahan	0	0	0	0	0	0	1	0	
Asajaya	0	0	0	0	0	0	0	0	
Simunjan	0	0	0	0	0	0	0	0	
Serian	0	0	0	0	0	0	0	2 (1)	
SAMARAHAN	0	0	0	0	0	0	1	2	
Sri Aman	0	0	0	0	0	0	0	3	
Iuhok Antu	0	0	0	1	0	0	1	1	
SRI AMAN	0	0	0	1	0	0	1	4	
Betong	0	0	0	0	0	0	0	0	
Saratok	0	0	0	0	0	0	0	0	
BETONG	0	0	0	0	0	0	0	0	
Sarikei	0	0	0	0	0	0	0	0	
Meradong	0	0	0	0	0	0	0	0	
Pekan	0	0	0	0	0	0	1	0	
Julau	0	0	0	0	0	0	0	0	
SARIKEI	0	0	0	0	0	0	1	0	
Daro	0	0	0	0	0	0	0	0	
Matu	0	0	0	0	0	0	0	0	
Dalat	0	0	0	0	0	0	1	0	
Mukah	0	0	0	0	0	0	1	2	
MUKAH	0	0	0	0	0	0	2	2	
Sibu	0	0	0	0	0	0	0	1	
Kanowit	0	0	0	0	0	0	0	1	
Selangau	0	0	0	0	0	0	1 (1)	4	
SIBU	0	0	0	0	0	0	1	6	
Song	0	0	0	0	0	0	0	1	
Kapit	0	0	0	0	0	3	28	62 (3)	
Delaga	0	0	0	0	0	0	0	21 (4)	
KAPIT	0	0	0	0	0	3	28	84 (7)	
Tatau	0	1	0	0	1	1	0	4 (1)	
Bintulu	0	4	0	0	4	4	0	6	
BINTULU	0	5	0	0	5	5	0	10 (1)	
Miri	0	0	0	0	0	2	2	7 (2)	
Marudi	0	0	0	0	0	0	0	1	
MIRI	0	0	0	0	0	2	2	8 (2)	
Limbang	0	0	0	0	0	0	0	0	
Jawas	0	0	0	0	0	0	0	0	
LIMBANG	0	0	0	0	0	0	0	0	
SARAWAK	0	5	0	1	5	12	40 (1)	121 (11)	

Note: () Death; EW = Epid. Week

District indicates source of infection

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

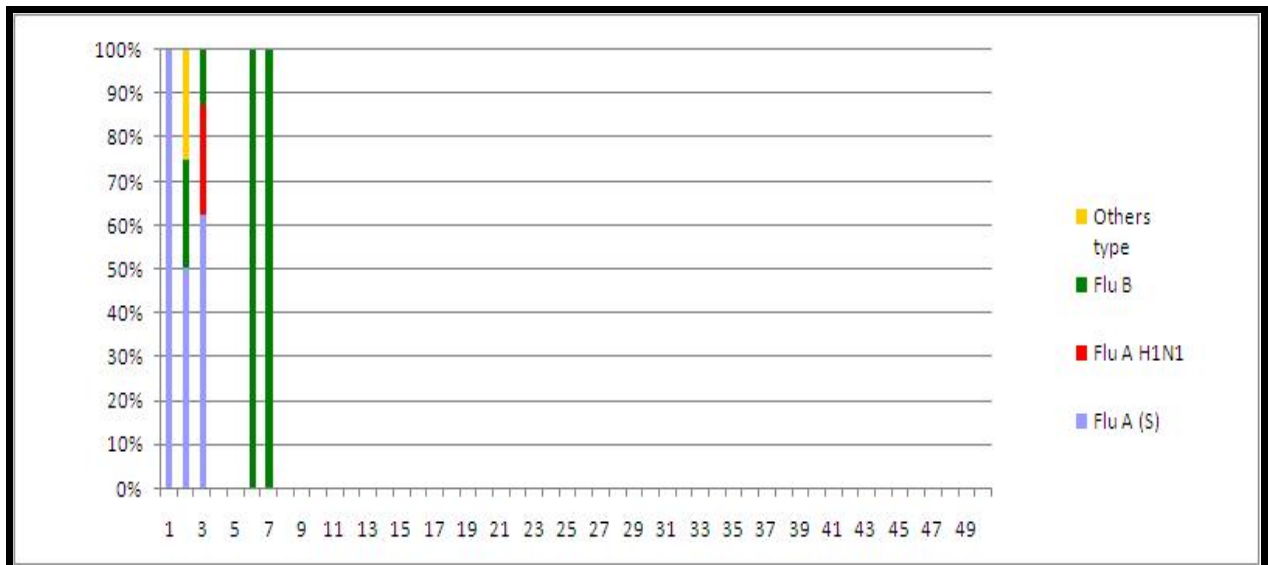
Note

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

® Hospital indicate facility where patient admitted

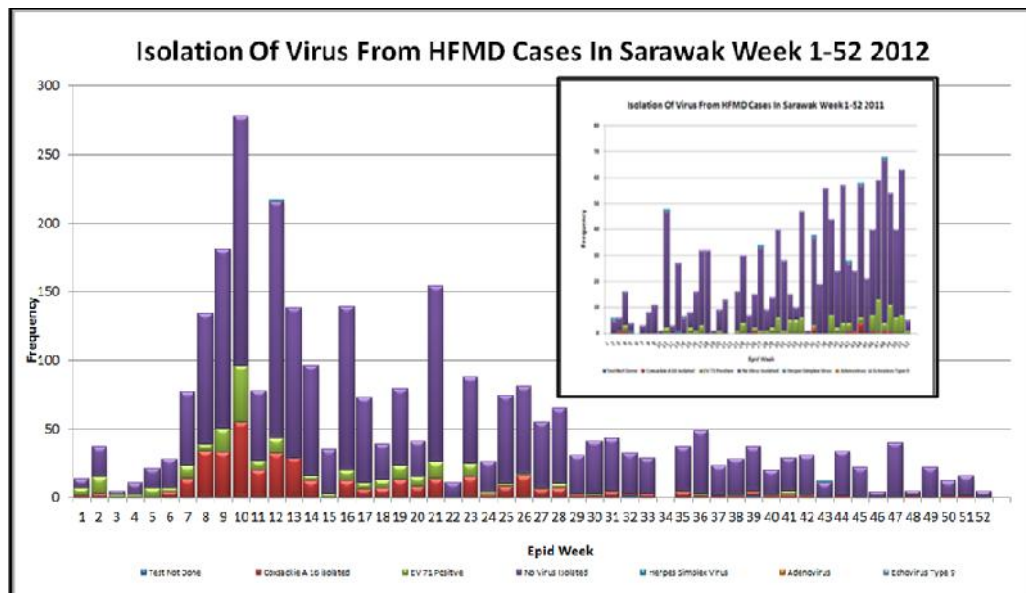
11. LABORATORY BASED SURVEILLANCE

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

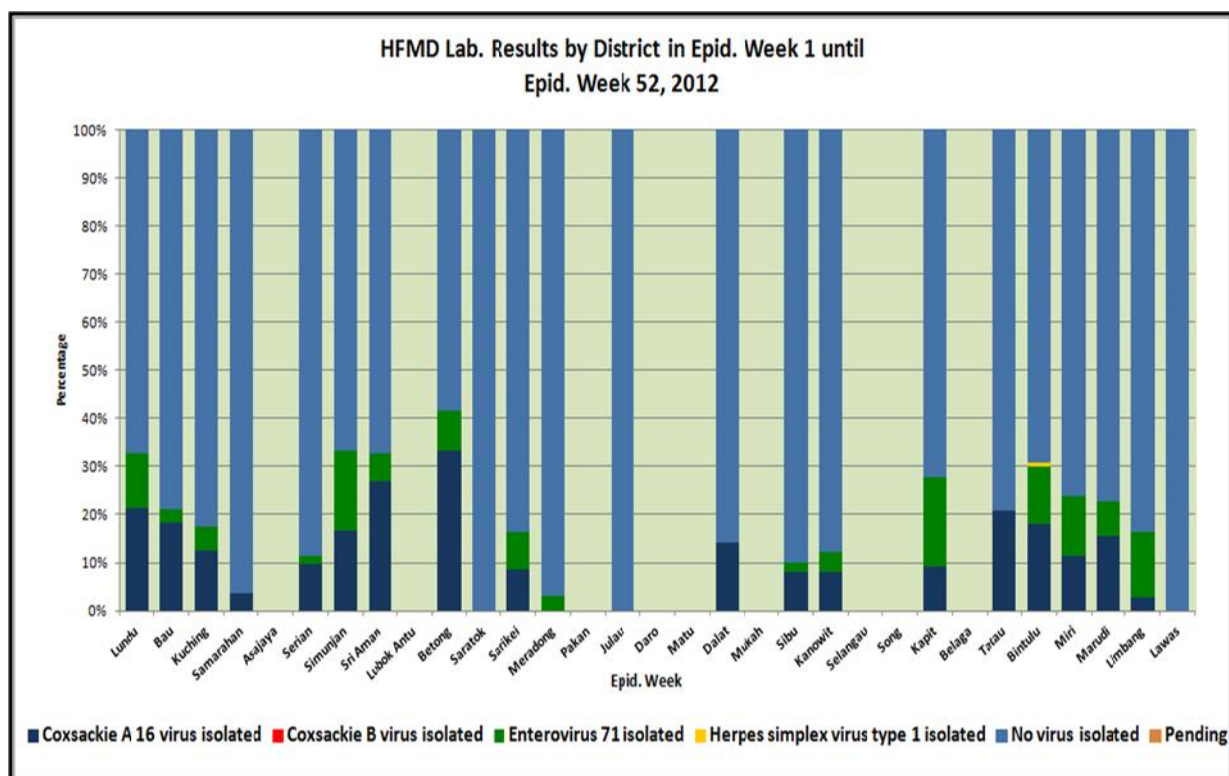


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

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 Safii	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	drmuzian@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 Van 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. Hji. Osman Hji. 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



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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.