



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 20

12th May- 18th May, 2013

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

Local Update:

HFMD increased above warning level but still below epidemic level.

Global Update:

H7N9

Status as on 8nd May 2013.

There are a total of 131 laboratory confirmed human cases with avian influenza A(H7N9) virus including 32 fatalities in China.

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SARAWAK
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

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2. NEW OUTBREAKS/CLUSTERS

HFMD

District	Category Of HFMD Cluster, Epid Week 20, 2013				Total	New Closure
	Family	Child Care Centre	Kindergarten	School		
Kuching	4	0	2	0	6	1
Serian	1	0	0	0	1	0
Sri Aman	1	0	0	0	1	0
Sarikei	3	0	0	0	3	0
Bintulu	1	0	0	0	1	0
Miri	2	0	0	0	2	0
Limbang	3	0	1	0	4	0
Sarawak	15	0	3	0	18	1

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 19, 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																											
Bau																					1						
Kuching						4			24						1						18						
Samarahan																											
Asajaya																											
Simunjan						1															1						
Serian																					1						
Sri Aman						2																					
L/ Antu						1							1														
Betong						4															2						
Saratok						1																					
Sarikei									46						1												
Meradong																											
Pakan																											
Julau																											
Daro																											
Matu																											
Dalat																											
Mukah																											
Sibu						2							1								3						
Kanowit						1							1														
Selangau																											
Song													1								1						
Kapit						1							2														
Belaga													2														
Tatau						1															2						
Bintulu						2																					
Miri						3			3												2						
Marudi									6																		
Limbang						1															2						
Lawas																											
TOTAL (Week 18)						24			79				8		2						39						0
Total (2013)	66/26					650	2		636	183	5437	14	305	18	169				77	2	843	4		73			112
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 20, 2013

Daerah	Kes Input Notifikasi /Daftar								
	Tifoid/Paratyphoid				KRM*	Kolera	Disentri		Hep. A
	Disyaki	<i>S. typhi</i>	Para. A	Para. B			Disyaki	Sah	
Lundu	0	0	0	0	0	0	1	0	0
Bau	0	0	0	0	0	0	0	0	0
Kuching	0	0	0	0	55 (1)	0	9	0	0
Asajaya	0	0	0	0	27	0	1	0	0
Samarahan	0	0	0	0	0	0	7	0	0
Simunjan	0	0	0	0	0	0	0	0	0
Serian	0	0	0	0	77	0	3	0	0
Sri Aman	0	0	0	0	0	0	0	0	0
Lubok Antu	2	2	0	0	0	0	0	0	0
Betong	0	0	0	0	4	0	3	0	0
Saratok	0	0	0	0	2	0	7	2	0
Sarikei	1	0	0	0	49	0	8	0	0
Maradong	3	2	0	0	57	0	4	0	0
Julau	0	0	0	0	19	0	1	0	0
Pakan	2	0	0	0	4	0	6	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	1	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	0	0	0	10	0	1	0	0
Belaga	3	1	0	0	4	0	0	0	0
Song	0	0	0	0	35	0	1	0	0
Bintulu	2	0	1	0	4	0	3	0	0
Tatau	0	0	0	0	0	0	1	0	0
Miri	0	0	0	0	37	0	0	0	0
Marudi	0	0	0	0	9	0	0	0	1
Limbang	1	0	0	0	79	0	0	0	0
Lawas	0	0	0	0	12	0	0	0	0
Jumlah	16	6	1	0	631 (1)	0	64	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 1-20

Diseases	Number of cases		Outbreak	
	ME 20	2013	ME 20	2013
KRM	0	627 (1)	0	38
Tifoid	0	6	0	1
Paratyphoid A,B,C	0	1	0	0
Kolera	0	0	0	0
Dysentry	1 *	4	0	0
Hep. A	0	1	0	0
AGE dan lain-lain				0
JUMLAH	79	636(1)	4	46

() Death * Saratok

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 20, 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	29	0	0	0	13	4	0	9	0	1	9	2
Samarahan	16	0	0	0	10	0	0	5	1	0	2	0
Sri Aman	1	0	0	0	1	0	0	0	0	1	1	1
Betong	22	0	0	0	12	6	0	0	0	0	2	0
Sarikei	25	2	0	1	14	3	1	0	0	0	0	0
Sibu	4	0	0	0	4	0	0	2	0	2	0	0
Kapit	31	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	2	1	1	0	0	0	0	0
Miri	34	0	0	0	20	5	0	1	0	2	3	0
Limbang	8	0	0	0	4	0	0	0	0	1	16	0
Sarawak	177	2	0	1	101	33	2	18	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 20, 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	29	26	89.66	26	89.66	29	100.00
Samarahan	16	16	100.00	12	75.00	16	100.00
Sri Aman	1	1	100.00	1	100.00	1	100.00
Betong	22	22	100.00	19	86.36	21	95.45
Sarikei	25	23	92.00	23	92.00	25	100.00
Sibu	4	4	100.00	4	100.00	4	100.00
Kapit	31	28	90.32	29	93.55	29	93.55
Mukah	0	0	0	0	0	0	0
Bintulu	7	6	85.71	7	100.00	7	100.00
Miri	34	32	94.12	29	85.29	32	94.12
Limbang	8	8	0	8	100.00	8	100.00
Sarawak	177	166	93.79	158	89.27	172	97.18

5.4 Acute Flaccid Paralysis (AFP)

Reported AFP cases in Sarawak, in Epid Week 1-20, 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	1
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	3	3	0	2
Bintulu	75,800	1	1	1	1	0	1
Limbang	30,400	0		0	0	0	0
TOTAL	854.7	8	7	6	6	0	4

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 14days 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 18, 2013 and cumulative cases from Epid. Week 1, 2013 until Epid Week 18, 2013.

HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		2		1	
Kuching		21		12	
KUCHING	0	23	0	13	
Samarahan		6		5	
Asajaya		0		2	
Simunjan		0		3	
Serian		2		1	
SAMARAHAN	0	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	1	1		0	
Matu		0		0	
Dalat		0		0	
Mukah		0		0	
MUKAH	1	1	0	0	
Sibu		4	3	5	
Kanowit	2	3		1	
Selangau		0		0	
SIBU	2	7	3	6	
Song		0		0	
Kapit		0		0	
Belaga		2		0	
KAPIT	0	2	0	0	
Iatou		1		0	
Bintulu	2	9		0	
BINTULU	2	10	0	0	
Miri		11		10	
Marudi		0		1	
MIRI	0	11	0	11	
Limbang		0		1	
Lawas		3		1	
LIMBANG	0	3	0	2	
Sarawak	5	66	3	45	

AIDS

District / Division	2012		2013		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		0		1	
Kuching		3		15	
KUCHING	0	3	0	16	
Samarahan		2	1	1	
Asajaya		1	1	1	
Simunjan		1		0	
Serian		2		1	
SAMARAHAN	0	6	2	3	
Sri Aman		1		0	
Lubok Antu		0		0	
SRI AMAN	0	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	
SARIKEI	0	3	0	3	
Daro		0		0	
Matu		0		0	
Dalat		0		0	
Mukah		1		0	
MUKAH	0	1	0	0	
Sibu	2	4		3	
Kanowit		0		1	
Selangau		0		0	
SIBU	2	4	0	4	
Song		1		0	
Kapit		0		0	
Belaga		0		2	
KAPIT	0	1	0	2	
Tatau		0		1	
Bintulu		0	1	5	
BINTULU	0	0	1	6	
Miri		4		4	
Marudi		1		0	
MIRI	0	5	0	4	
Limbang		2		0	
Lawas		1		0	
LIMBANG	0	2	0	0	
Sarawak	2	26	3	39	

EW = Epid. Week; Cum. = Cumulative figure

6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 18, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 18, 2013.

Gonorrhoea

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		2		3	
Bau		1	1	1	
Kuching		79	1	46	
KUCHING	0	82	2	50	
Samarahan		21		9	
Asajaya		9		5	
Simunjan		2		5	
Serian		2		3	
SAMARAHAN	0	34	0	22	
Sri Aman	1	1		4	
Lubok Antu		0		1	
SRI AMAN	1	1	0	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		25		19	
Kanowit		1		0	
Selangau		0		2	
SIBU	0	26	0	21	
Song		0		0	
Kapit		3		0	
Belaga		0		0	
KAPIT	0	3	0	0	
Tatau	1	5		0	
Bintulu		9	1	4	
BINTULU	1	14	1	4	
Miri		4		14	
Marudi	2	2		2	
MIRI	2	6	0	16	
Limbang	1	2		2	
Lawas		0		2	
LIMBANG	1	2	0	4	
Sarawak	5	183	3	133	

Syphilis

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		2	
Bau		2		2	
Kuching	2	12	2	32	
KUCHING	2	14	2	36	
Samarahan	1	9		7	
Asajaya		0		4	
Simunjan		4		1	
Serian		2		1	
SAMARAHAN	1	15	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		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		20		16	
Kanowit		3		0	
Selangau		1		1	
SIBU	0	24	0	17	
Song		0		0	
Kapit		0		1	
Belaga		2		0	
KAPIT	0	2	0	1	
Tatau		0		0	
Bintulu	1	5		4	
BINTULU	1	5	0	4	
Miri		1		3	
Marudi		4		1	
MIRI	0	5	0	4	
Limbang		1		1	
Lawas		1		0	
LIMBANG	2	2	0	1	
Sarawak	4	77	2	90	

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

7.1 Notified Tuberculosis cases for Epid. Week 20, 2013 compared to Epid. Week 20, 2012 and cumulative cases until Epid. Week 20, 2013.

District / Division	2013		2012		
	EW (20)	Cum.	EW (20)	Cum.	Total
Lundu	1	14	1	7	38
Bau	0	24	0	19	38
Kuching	10	210	8	168	501
KUCHING	11	248	9	194	577
Samarahan	0	34	0	21	44
Asajaya	1	11	0	9	22
Simunjan	0	19	0	19	47
Serian	1	24	0	16	40
SAMARAHAN	2	88	0	65	153
Sri Aman	2	21	1	21	63
Lubok Antu	0	9	3	14	44
SRI AMAN	2	30	4	35	107
Betong	0	24	1	14	52
Saratok	0	15	1	15	59
BETONG	0	39	2	29	111
Sarikei	0	13	0	19	73
Meradong	0	7	3	16	38
Pakan	0	11	0	5	32
Julau	0	8	0	8	20
SARIKEI	0	39	3	48	163
Daro	0	4	1	9	27
Matu	0	2	0	6	10
Dalat	0	0	0	3	13
Mukah	0	13	1	18	64
MUKAH	0	19	2	36	114
Sibu	5	76	4	82	226
Kanowit	1	13	3	19	41
Selangau	0	10	0	19	51
SIBU	6	99	7	120	318
Song	0	7	0	4	10
Kapit	0	26	1	19	60
Belaga	0	10	0	15	47
KAPIT	0	43	1	38	117
Tatau	1	16	0	20	53
Bintulu	5	92	4	77	252
BINTULU	6	108	4	97	305
Miri	13	124	9	119	310
Marudi	1	17	0	31	81
MIRI	14	141	9	150	391
Limbang	1	21	0	21	52
Lawas	0	10	1	12	22
LIMBANG	1	31	1	33	74
Sarawak	42	885	42	845	2430

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 20, 2013 compared to Epid. Week 20, 2012 and cumulative cases until Epid. Week 20, 2013.

District / Division	2013		2012		
	EW (20)	Cum.	EW (20)	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	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	1	1	0	0	0
Dalat	0	0	0	0	0
Mukah	0	1	0	0	5
MUKAH	1	2	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	4	0	0	4
KAPIT	0	4	0	0	4
Tatau	0	0	0	0	0
Bintulu	0	1	0	2	2
BINTULU	0	1	0	2	2
Miri	0	1	1	2	9
Marudi	0	7	0	2	11
MIRI	0	8	1	4	20
Limbang	0	0	0	0	1
Lawas	0	0	0	0	0
LIMBANG	0	0	0	0	1
Sarawak	1	15	1	12	44

7.3 Notified Tuberculosis (all forms) Case Classification as on 11th May, 2013

District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW (20)	Cum.	EW (20)	Cum.	EW (20)	Cum.
Lundu	0	1	1	4	0	9
Bau	0	16	0	3	0	5
Kuching	6	119	4	70	0	21
KUCHING	6	136	5	77	0	35
Samarahan	0	17	0	13	0	4
Asajaya	1	9	0	2	0	0
Simunjan	0	16	0	1	0	2
Serian	0	11	1	12	0	1
SAMARAHAN	1	53	1	28	0	7
Sri Aman	2	14	0	6	0	1
Lubok Antu	0	5	0	2	0	2
SRI AMAN	2	19	0	8	0	3
Betong	0	18	0	1	0	5
Saratok	0	9	0	4	0	2
BETONG	0	27	0	5	0	7
Sarikei	0	4	0	4	0	5
Meradong	0	4	0	2	0	1
Pakan	0	5	0	2	0	4
Julau	0	2	0	4	0	2
SARIKEI	0	15	0	12	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	0	3	0	0
MUKAH	0	13	0	6	0	0
Sibu	3	51	2	13	0	12
Kanowit	1	8	0	2	0	3
Selangau	0	6	0	3	0	1
SIBU	4	65	2	18	0	16
Song	0	4	0	3	0	0
Kapit	0	17	0	7	0	2
Belaga	0	6	0	2	0	2
KAPIT	0	27	0	12	0	4
Tatau	0	3	1	12	0	1
Bintulu	4	49	1	31	0	12
BINTULU	4	52	2	43	0	13
Miri	9	90	2	13	2	20
Marudi	1	14	0	1	0	2
MIRI	10	104	2	14	2	22
Limbang	1	18	0	0	0	3
Lawas	0	7	0	0	0	3
LIMBANG	1	25	0	0	0	6
Sarawak	28	536	12	223	2	125

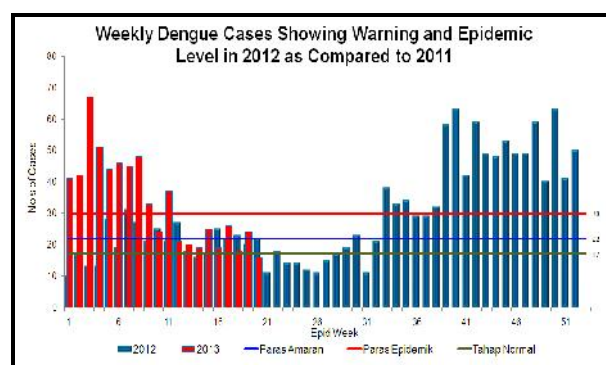
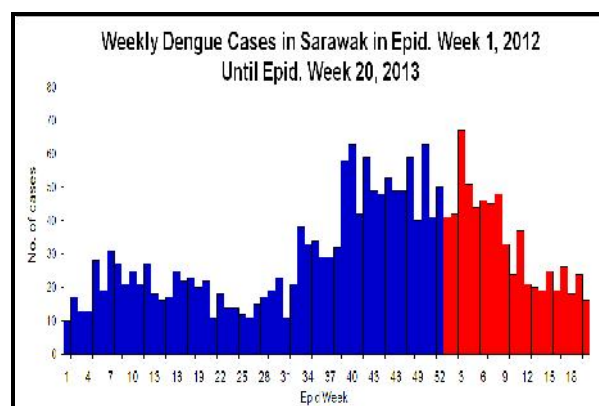
EW = Epid. Week; Cum. = Cumulative figure

District / Division	Children (<15yrs)		Health care worker				PUSPEN/Prison		Foreigner		TB/HIV		Pusat jagaan	
	EW (20)	Cum.	*Exposed	*Not exposed	*Exposed	*Not exposed	EW (20)	Cum.	EW (20)	Cum.	EW (20)	Cum.	EW (20)	Cum.
			EW (20)	Cum.	EW (20)	Cum.								
Lundu		0		0		0		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	0	1	0	0	0	0
Sarikei		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		0		0		0		0		0		0
Selangau		0		0		0		0		0		0		0
SIBU	0	3	0	2	0	2	0	0	0	2	0	0	0	0
Song		1		0		0		0		0		0		0
Kapit		3		0		0		0		1		0		0
Belaga		1		0		0		0		3		1		0
KAPIT	0	5	0	0	0	0	0	0	0	4	0	1	0	0
Tatau		5		0		0		0		1		0		0
Bintulu		4		0		0		0		19		1		0
BINTULU	0	9	0	0	0	0	0	0	0	20	0	1	0	0
Miri		4		0		0		2	2	13		2		0
Marudi		0		0		0		0		2		0		0
MIRI	0	4	0	0	0	0	0	2	2	15	0	2	0	0
Limbang		0		0		0		0		2		0		0
Lawas		0		0		0		0		1		0		0
LIMBANG	0	0	0	0	0	0	0	0	0	4	0	0	0	0
Sarawak	0	28	0	8	0	8	0	2	2	56	0	8	0	0

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 20, 2013 compared to Epid. Week 20, 2012 and cumulative cases until Epid. Week 20, 2013.

District	2013		2012	
	EW 20	Cum.	EW 20	Cum.
Lundu	0	2	0	4
Bau	0	3	0	12
Kuching	4	65	1	59
Samarahan	0	9	1	19
Asajaya	0	0	0	2
Serian	0	8	2	7
Simunjan	1	4	1	9
Sri Aman	1	28	0	19
Lubok Antu	1	16	0	8
Betong	1	27	1	16
Saratok	1	24	0	10
Sarikei	0	43	1	15
Meradong	0	13	2	10
Pakan	0	30	1	13
Julau	0	5	0	4
Daro	0	1	0	1
Matu	0	2	0	0
Dalat	0	0	0	6
Mukah	0	2	0	3
Sibu	2	100	0	20
Kanowit	0	13	0	4
Selangau	0	5	0	3
Song	1	14	0	7
Kapit	0	36	2	20
Belaga	2	17	0	6
Tatau	0	8	1	19
Bintulu	1	53	1	24
Miri	1	45	3	63
Marudi	0	15	3	20
Limbang	0	5	1	8
Lawas	0	70	1	4
Sarawak	16	666	22	415

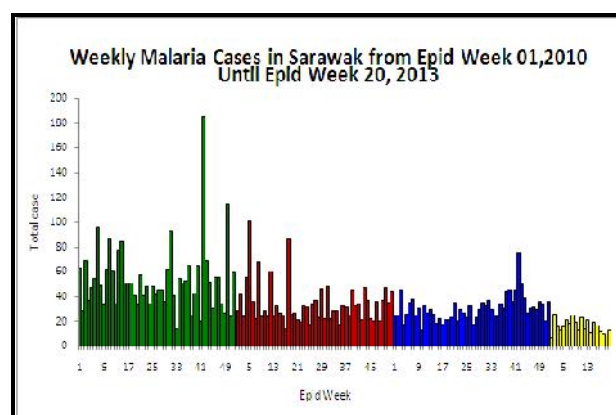


In 2013, a total of 16 dengue cases were reported for Week 20 (18 May, 2013) as compared to 22 cases during the same period in 2012. There were decreasing of 8 cases from the previous week (Week 19, 2013). There is one new outbreak reported for this week from Betong District.

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 20, 2013 compared to Epid.Week 20, 2012 and cumulative cases until Epid.Week 20 , in 2013.

District	2013		2012	
	EW 20	Cum.	EW 20	Cum.
Lundu	1	2	0	6
Bau	0	0	0	0
Kuching	0	11	0	11
Samarahan	0	1	0	2
Asajaya	0	0	0	0
Serlan	0	0	0	3
Simunjan	0	3	0	2
Sri Aman	0	0	0	6
Lubok Antu	0	8	1	15
Netang	0	10	0	17
Saratok	0	15	0	10
Sarikol	0	3	2	9
Maradong	0	2	0	1
Pakan	1	13	3	24
Julau	2	15	3	29
Daro	0	1	0	2
Malu	0	0	0	1
Dalat	0	1	0	2
Mukah	0	0	0	1
Sibu	0	9	1	31
Kanowit	1	15	0	28
Selangau	0	5	0	11
Song	0	20	0	22
Kapit	0	53	5	76
Belaga	3	55	1	24
Tatau	0	2	0	10
Bintulu	3	15	1	8
Miri	0	7	0	15
Marudi	0	26	4	117
Limbang	0	3	0	8
Lawas	2	19	2	20
Sarawak	13	318	23	514



A total of 13 cases were reported on week 20, 2013. Cumulative cases till week 20 were 318 cases. Of the 13 cases, 3 cases (23%) from Belaga District, 3 cases (23%) from Bintulu District. Other cases (54%) 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 20	EW 1-20
<i>Plasmodium vivax</i>	1	1	2	107
<i>Plasmodium falciparum</i>	0	0	0	16
<i>Plasmodium malariae</i>	0	1	1	2
<i>Plasmodium knowlesi</i>	9	0	9	191
<i>Plasmodium ovale</i>	0	0	0	1
Mixed infection	0	1	1	1
Total	10	3	13	318

*Local = Indigenous, Relapsed, Introduce

8.2.2. The summary of the *Imported cases

District	Nationality	Place of Infection	Cases	Gender	Age
Kanowit	Malaysian	Kenya, Afrika	<i>P. malariae</i>	Female	75
Bintulu	Indonesian	Bialla Camp, Papua New Guinea	Mixed (Pf+Pv)	Male	29
Lundu	Malaysian	Sempora, Indonesia	<i>P. vivax</i>	Male	42

Case Definition Imported A = Source of infection from other country

8.4. Chikungunya

There is no new case reported in week 20/2013 and during the same period in 2012. The cumulative number of case in 2013 is 1.

8.4. Filariasis

There is one new case reported in week 20/2013 and no case was reported during the same period in 2012. The cumulative numbers of cases for 2013 were 16.

8.5 Japanese Encephalitis (JE)

There is no new case reported in week 19/2013 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 in week 19. As at EW 20, 3 cases of viral encephalitis were reported in Bau, Lundu and Sri Aman.

9.2. Viral Hepatitis (all form)

No	Type of Viral Hepatitis	Epid Week 20	Cum. 2013
1	Hepatitis A	0	1
2	Acute Hepatitis B	0	8
3	Chronic Hepatitis B	0	34
4	Acute Hepatitis C	0	9
5	Chronic Hepatitis C	0	22

9.3 Hepatitis B (Vertical Transmission)

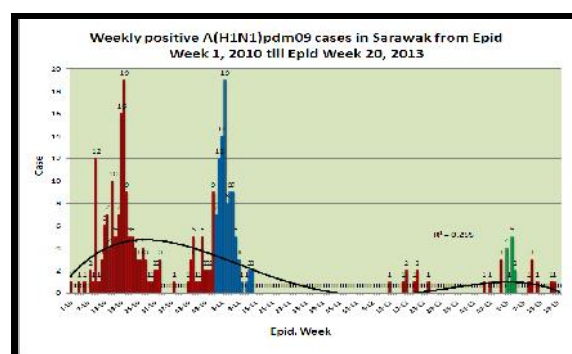
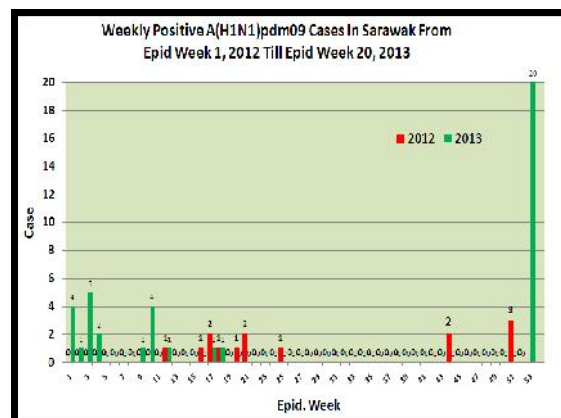
No	District	Number of cases
1	Lundu	1
2	Marudi	1
3	Limbang	2

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

10.1.A/H1N1_{pdm09}

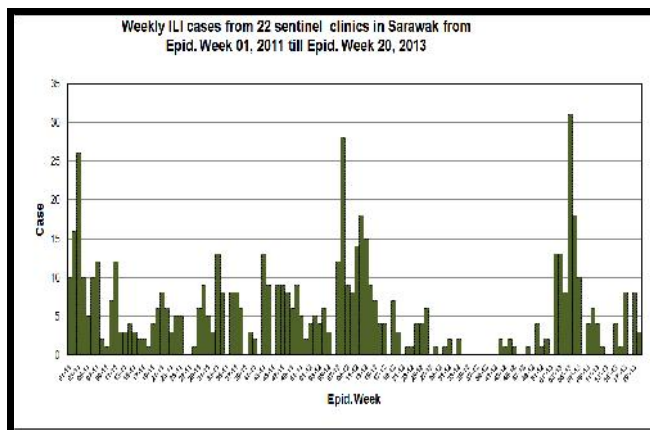
10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} as for Epid. Week 20, 2013 compared to Epid. Week 20, 2012 and cumulative cases in Epid. Week 20, in 2013.

District	2013		2012		Total
	EW 20	Cum.	EW 20	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	14	0	5	19
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	1	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	0	20	1	13	33



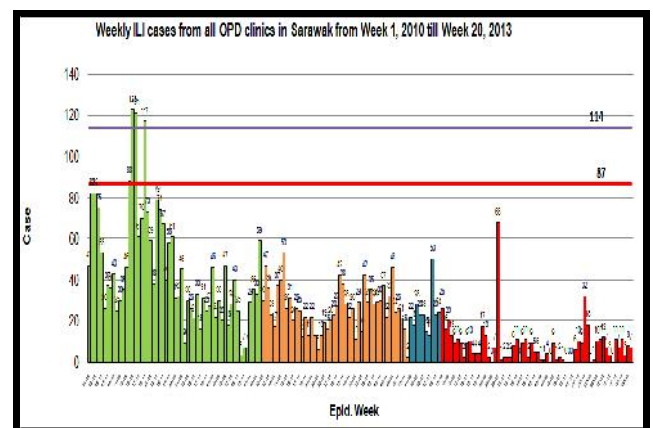
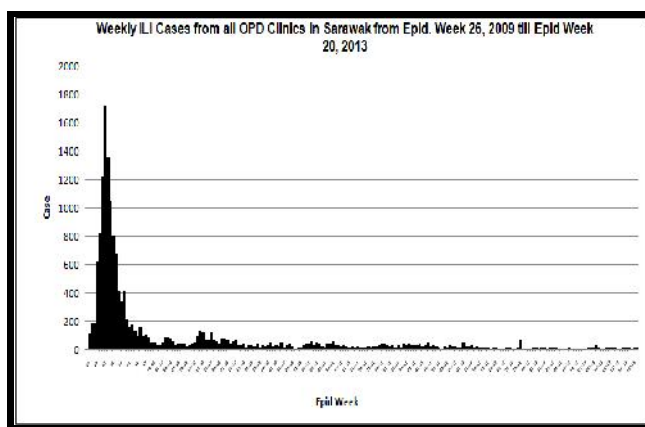
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2011 till Epid.Week 19, in 2013.



2 ILI cases reported in week 20

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).

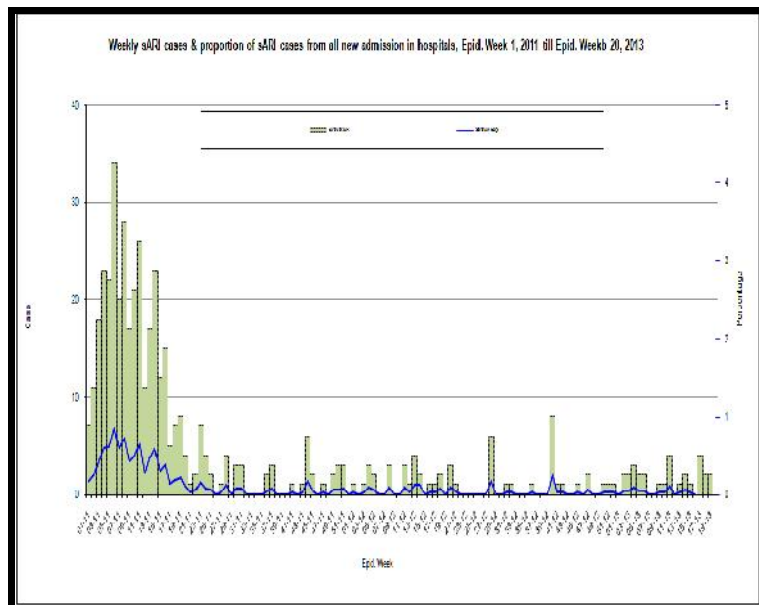


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 11th, May, 2013.

No ILI cluster reported in week 20.

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)

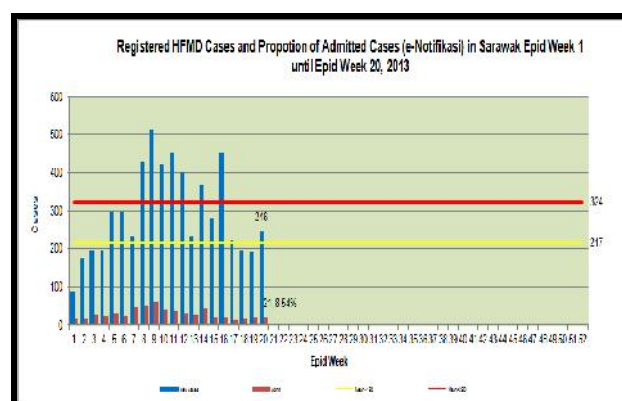
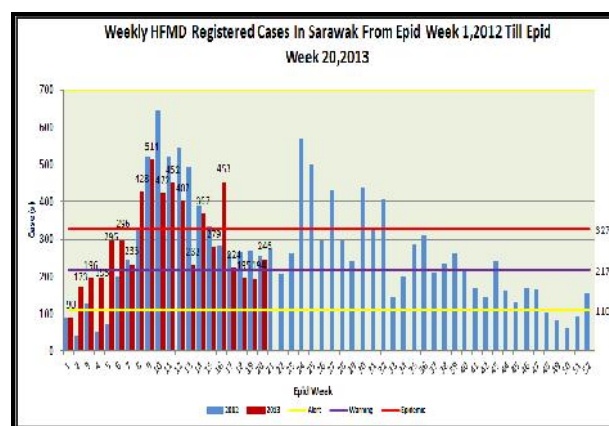
10.1.5. Weekly Summary Report on suspected H1N1 in Government Hospitals in Sarawak as on 18th May, 2013.

Division	Hospital	New EW 20	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	1	41	1	0	0	0	0	0	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		1	48	1	0	0	0	0	0	1

EW = Epid. Week; Cum. = Cumulative figure

10.2. Registered HFMD cases (based on e-Notifikasi) for Epid.Week 20, 2013 compared to Epid.Week20,2012 and cumulative cases until Epid.Week 20,2013.

District / Division	2013		2012		Total
	EW 20	Cum.	EW 20	Cum.	
Lundu	0	106	15	149	257
Bau	3	139	16	203	342
Kuching	94	1052	89	1905	3919
KUCHING	97	1297	120	2257	4572
Samarahan	12	145	0	343	488
Asajaya	1	21	0	54	97
Simunjan	0	61	17	79	220
Serlan	5	201	10	232	247
SAMARAHAN	18	428	36	708	1729
Sri Aman	20	167	6	244	485
Lubok Antu	3	27	0	36	77
SRI AMAN	23	194	6	280	562
Belong	1	57	5	210	385
Saratok	0	117	11	94	280
BETONG	1	174	16	304	665
Sarikel	13	215	0	159	480
Meradong	0	99	0	22	124
Pakan	3	54	0	56	91
Julau	0	74	0	63	131
SARIKEI	16	442	0	300	896
Daru	6	84	1	38	129
Matu	0	29	0	23	68
Dalat	1	92	3	48	113
Mukah	3	79	3	71	162
MUKAH	10	284	7	180	472
Sibu	8	725	19	253	936
Kanowil	1	82	0	15	46
Selangau	1	57	1	16	43
SIBU	10	864	20	284	1025
Song	0	44	1	16	62
Kapit	0	156	0	88	410
Delaga	4	83	1	21	124
KAPIT	4	283	2	125	605
Tatau	0	14	0	50	98
Bintulu	17	290	7	550	913
BINTULU	17	804	7	600	1011
Miri	26	1321	31	427	1195
Marudi	0	88	0	40	121
MIRI	26	1409	31	467	1816
Limbang	22	153	10	39	104
Lavvas	2	45	0	278	453
LIMBANG	24	198	10	317	557
SARAWAK	246	5877	255	5822	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 EW1-20.2013				Total	Cum. Closure
	Family	Child Care Centre	Kindergarten	School		
Kuching	111	1	7	1	120	2
Samarahan	33	1	1	0	35	1
Sri Aman	21	0	3	0	24	3
Betong	18	0	0	0	18	0
Sarikel	55	0	2	1	58	3
Mukah	13	0	2	0	15	0
Sibu	66	1	9	0	76	0
Kapit	12	0	0	1	13	0
Bintulu	10	1	0	0	11	0
Miri	106	0	1	0	107	0
Limbang	21	0	6	2	29	3
SARAWAK	466	4	31	5	506	12

10.3. Notified Leptospirosis cases for Epid. Week 20, 2013 compared to Epid.Week20, 2012 and cumulative cases until Epid.Week 20, in 2013.

District / Division	Case classification				Total EW (20) 2013	Total				
	Confirmed		Probable			2013	2012	2011		
	EW (20) 2013	EW (20) 2012	EW (20) 2013	EW (20) 2012						
Lundu	0	0	0	0	0	4		4		6
Bau	0	0	0	0	0	2		9	(2)	5 (1)
Kuching	0	0	5	0	5	12		76	(2)	10 (2)
KUCHING	0	0	5	0	5	18		87	(4)	51 (3)
Samarahan	0	0	0	0	0	3		12		3
Asajaya	0	0	0	0	0	0		0		3
Simunjan	0	0	0	0	0	0		4		8 (1)
Serian	0	0	0	0	0	4	(1)	4		10 (2)
SAMARAHAN	0	0	0	0	0	7		20		24 (3)
Sri Aman	0	0	3	3	3	3		14		14 (2)
Lubok Antu	0	0	0	1	0	3		15		11
SRI AMAN	0	0	3	4	3	6		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	0	0	0	0	0	3	(1)	2		2
Kanowit	0	0	0	0	0	3		6	(1)	4
Selangau	0	0	0	0	0	0		2		3
SIBU	0	0	0	0	0	6		10	(1)	9
Song	0	0	0	0	0	0		1		1
Kapit	0	0	0	0	0	6		50		12
Belaga	0	1	0	0	0	13		4	(1)	7 (1)
KAPIT	0	1	0	0	0	19		55		20 (1)
Iataw	0	0	0	0	0	5		2		1
Bintulu	0	0	0	0	0	25	(1)	7		10 (2)
BINTULU	0	0	0	0	0	30		9		11 (2)
Miri	0	0	3	0	3	22	(2)	10		16 (1)
Marudi	0	0	0	0	0	1		2		2
MIRI	0	0	3	0	3	23		12		18 (1)
Limbang	0	1	1	1	1	5		21	(1)	2 (1)
Lawas	0	0	0	0	0	0		0		0
LIMBANG	0	2	1	1	1	5		21	(1)	2 (1)
SARAWAK	0	2	12	5	12	124	(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 19, 2013

No.	District	Locality	Number of Cases	Outbreak Declared
	Nil			

10.3.2 Summary of Leptospirosis death in Sarawak, as at Epid.week 20, 2013.

No.	# District	* Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
1	Serian	SGH	37	Bidayuh	Female	01-01-2013	NIL	Housewife/Farmer
2	Bintulu	Hospital Bintulu	31	Iban	Female	18-01-2013	Dengue shock synrome	Labourer
3	Pakan	Hospital Sarikei	50	Iban	Male	04-03-2013	Cardiopulmonary arrest	Not working
4	Mukah	Hospital Sibu	40	Indon	Male	16-02-2013	Acute Kidney Injury	Labourer
5	Miri	Hospital Miri	34	Kenyah	Male	09-01-2013	NIL	Welder
6	Miri	Hospital Miri	55	Kedayan	Female	06-02-2013	NIL	Not working
7	Bau	SGH	73	Bidayuh	Male	18-04-2013	OKU	Not working
8	Sibu	Hospital Sibu	12	Malay	Male	29-03-2013	Severe NNJ	Student
9	Lundu	SGH	15	Bidayuh	Female	26-04-2013	Multi organ failure acute	Student

10.4. Notified Melioidosis cases for Epid. Week 20, 2013 compared to Epid. Week 20,2012 and cumulative cases until Epid.Week 20, 2013

District / Division	Case classification				Total EW (20) 2013	Total			
	Confirmed		Probable			2013	2012	2011	
	EW (20) 2013	EW (20) 2012	EW (20) 2013	EW (20) 2012					
Lundu	0	0	0	0	0	0	0	0	
Bau	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	
Lubok Antu	0	0	0	0	0	0	1	1	
SRI AMAN	0	0	0	0	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	
Pakan	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)	
Belaga	0	0	0	0	0	0	0	21 (4)	
KAPIT	0	0	0	0	0	3	28	84 (7)	
Iataw	0	0	0	0	0	1	0	4 (1)	
Bintulu	0	0	0	0	0	4	0	6	
BINTULU	0	0	0	0	0	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	
Lawas	0	0	0	0	0	0	0	0	
LIMBANG	0	0	0	0	0	0	0	0	
SARAWAK	0	0	0	0	0	12	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

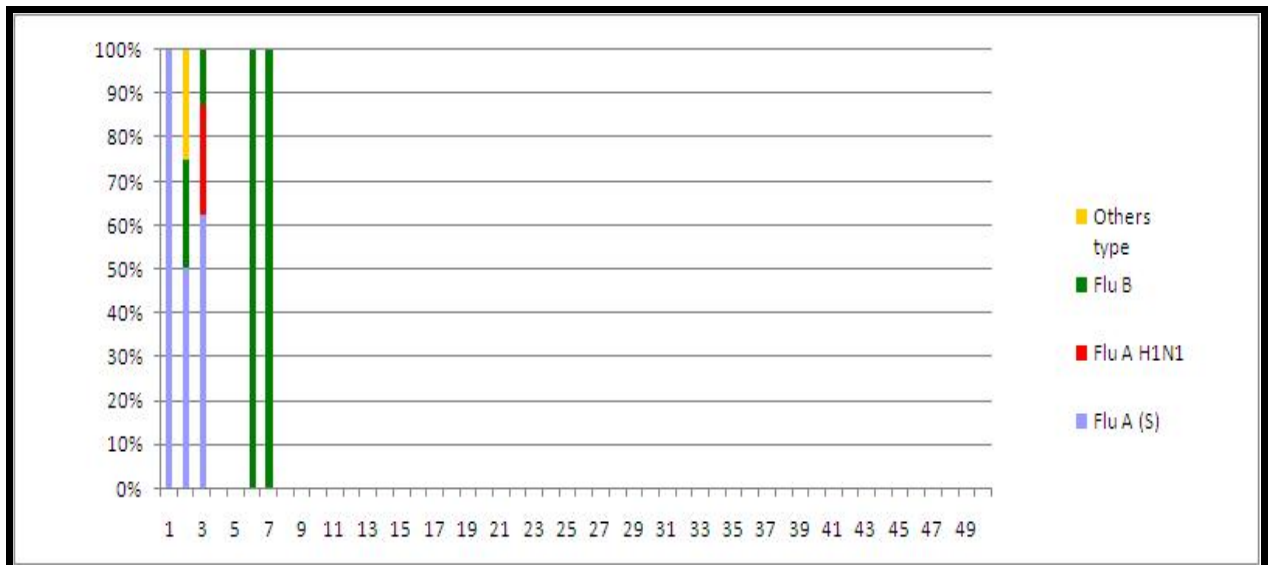
Note

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

® Hospital indicate facility where patient admitted

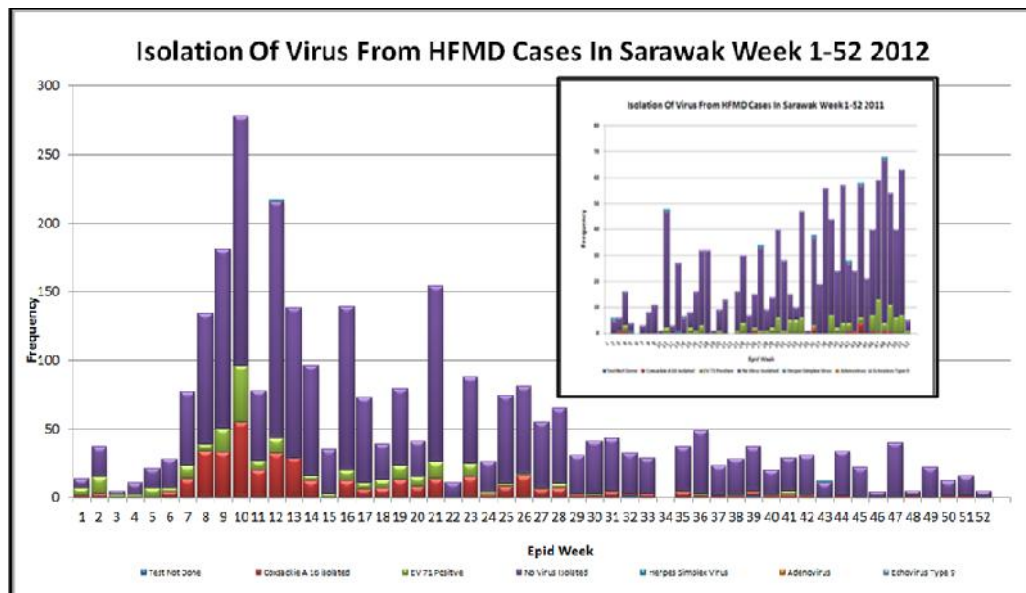
11. LABORATORY BASED SURVEILLANCE

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

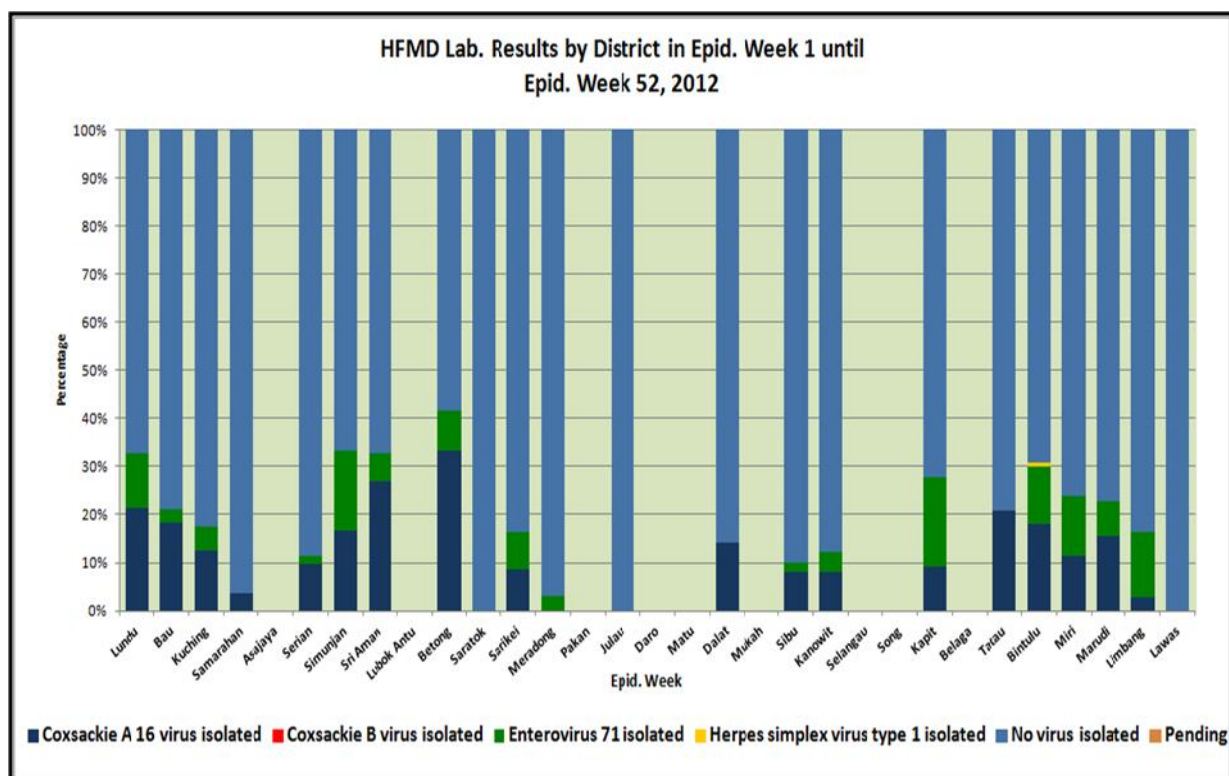


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

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	drmuziyah@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

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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.