



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID.WEEK 44

27thOct. – 2nd Nov. 2013

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

Local Update:

Global Update:

H7N9

Status as on 11th August, 2013.

There are a total of 135 laboratory confirmed human cases with avian influenza A(H7N9) virus including 43 fatalities in China.

MERS-CoV

Status as on 1st November 2013.

Globally, from September 2012 to date, WHO has been informed of a total of 150 laboratory-confirmed cases of infection with MERS-CoV, including 64 deaths.

*MERS-CoV- Middle East Respiratory Syndrome Coronavirus

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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

No	Diseases	Number of outbreak/Cluster	Total cases affected
1	HFMD	20	82
2	Food Poisoning	3	16
3	Leptospirosis	1	4

Note: Data is based on outbreak reported in E-Wabak.

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 44, 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																					
Bau										1	1																
Kuching						2				3									4		28			1			2
Samarahan										1	2								2								
Asajaya																											
Simunjan										1	1										1						
Serian										1																	
Sri Aman										1	3										1			1			
L/ Antu													1								2						
Betong											1																
Saratok						2			12		1																
Sarikei											1		1						1								
Meradong											1										1						
Pakan													3														
Julau											2		1														
Daro																					2						
Matu																											
Dalat											2																
Mukah										4	4								1								
Sibu						1				3	59		2								5						
Kanowit						1							3								1						
Selangau						1			9																		
Song						1					1		1														
Kapit									4	2	1		9														
Belaga						1															1						
Tatau						1															1						
Bintulu	2/2																				5						2
Miri						2			3		23								1								
Marudi						1					2	4	5								2						
Limbang											8										3						1
Lawas						4							1														
TOTAL (Week44)	2/2					18			28	19	116	4	27						10		53						5
Total (2013)	150/87					1100	4		1039	449	7861	35	813	23	310				208	2	2168	3		128	205		356
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	182
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 44, 2013

Daerah	Kes 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	2	0	0
Bau	0	0	0	0	0	0	0	0	0
Kuching	5	0	0	1	59	0	28	2	0
Asajaya	0	0	0	0	27	0	4	0	0
Samarahan	1	0	0	0	47	0	11	0	0
Simunjan	0	0	0	0	0	0	0	0	0
Serian	1	0	0	0	77	0	4	0	0
Sri Aman	1	0	1	0	0	0	0	0	0
Lubok Antu	2	2	0	0	0	0	0	0	0
Betong	0	0	0	0	7	0	4	0	0
Saratok	0	0	0	0	16	0	17	3	0
Sarikei	1	0	0	0	67	0	15	2	0
Maradong	3	2	0	0	57	0	8	0	0
Julau	0	0	0	0	20	0	2	0	0
Pakan	2	0	0	0	4	0	9	3	0
Mukah	0	0	0	0	0	0	3	0	0
Dalat	0	0	0	0	0	0	0	0	0
Daro	0	0	0	0	0	0	1	1	0
Matu	0	0	0	0	0	0	0	0	0
Sibu	3	2	0	0	43	0	7	2	0
Kanowit	1	1	0	0	73	0	3	0	0
Selangau	0	0	0	0	79	0	0	0	0
Kapit	0	0	0	0	16	0	1	0	0
Belaga	4	1	0	0	4	0	1	0	0
Song	0	0	0	0	35	0	2	0	0
Bintulu	2	0	1	0	97	0	14	0	0
Tatau	0	0	0	0	3	0	1	0	0
Miri	0	0	0	0	71	0	1	0	0
Marudi	0	0	0	0	9	0	0	0	1
Limbang	1	0	0	0	139	0	0	0	0
Lawas	0	0	0	0	12	0	0	0	0
Jumlah	27	8	2	1	962	0	138	13	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 1-44

Diseases	Number of cases		Outbreak	
	EW 44	2013	EW 44	2013
KRM	28	1013	*4	72
Tifoid	0	9	0	1
Paratyphoid A,B,C	0	3	0	0
Kolera	0	0	0	0
Dysentry	0	10	0	0
Salmonellosis*	0	3	0	0
Hep. A	0	1	0	0
AGE dan lain-lain				0
JUMLAH	28	1039	4	83

* Tongkang Realty No. 6, WTK Company, Kapit (4 cases)

* Lot 107, Kpg. Merikan, Lutong, Miri (3 cases)

* Rh. Pekerja, Ladang Pelita Raya Meruan, Dijih, Seangau (9 cases)

* Chalet Pantai Tanjung Kembang, Kabong, Saratok (12 cases)

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 44, 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	91	1	0	0	40	6	0	17	2	4	22	2
Samarahan	30	0	0	0	21	5	1	7	5	0	10	0
Sri Aman	3	0	0	0	1	0	0	0	0	1	6	2
Betong	30	1	0	0	21	9	0	0	0	2	4	0
Sarikei	38	4	1	0	27	5	1	0	0	1	5	0
Sibu	5	0	0	0	5	0	0	1	0	0	8	0
Kapit	36	0	0	0	31	27	0	1	0	0	0	0
Mukah	4	0	0	0	0	0	0	1	0	2	1	0
Bintulu	17	0	0	0	4	1	1	0	0	3	5	0
Miri	98	0	0	0	53	19	0	1	0	4	18	0
Limbang	26	2	0	0	12	2	0	0	0	1	39	0
Sarawak	378	8	0	0	215	74	3	28	7	18	110	4

Note: S = suspected; C = confirmed

5.2. Measles Elimination Programme (MEP) Achievement by Division from Epid. Week 1 until Epid Week 44, 2013

Division	Population	Total Suspected cases	Laboratory Confirmed	Incidence Rate per 1 million population (Confirmed cases)	Suspected Case Rate (≥ 2/100,000)	% Of Suspected Cases Notified Within 24 hrs of Diagnosis (80%)		%Of Suspected Cases Investigated (>80%)		% Of Suspected Cases Investigated Within 48hrs of Notification (>80%)		% Of Suspected Cases With Specimen Taken (>80%)	
		No	No.	/ 1 mil		No	%	No	%	No	%	No	%
KUCHING	726862	91	1	1.38	12.52	90	98.90	91	100.00	86	94.51	91	100.00
SAMARAHAN	258193	30	0	0.00	11.62	29	96.67	30	100.00	30	100.00	30	100.00
SRI AMAN	97637	3	0	0.00	3.07	3	100.00	3	100.00	2	66.67	3	100.00
BETONG	111495	30	1	8.97	26.91	30	100.00	30	100.00	27	90.00	30	100.00
SARIKEI	122346	38	4	32.69	31.06	34	89.47	38	100.00	36	94.74	38	100.00
SIBU	308825	5	0	0.00	1.62	5	100.00	5	100.00	5	100.00	5	100.00
KAPIT	116169	36	0	0.00	30.99	32	88.89	36	100.00	32	88.89	36	100.00
MUKAH	113349	4	0	0.00	3.53	4	100.00	4	100.00	4	100.00	4	100.00
BINTULU	226162	17	0	0.00	7.52	15	88.24	17	100.00	17	100.00	17	100.00
MIRI	375575	98	0	0.00	26.09	86	87.76	98	100.00	92	93.88	98	100.00
LIMBANG	89187	26	2	22.42	29.15	25	96.15	26	100.00	25	96.15	26	100.00
TOTAL	2545800	378	8	3.14	14.85	353	93.39	378	100.00	356	94.18	378	100.00

5.4 Acute Flaccid Paralysis (AFP)

Reported AFP cases in Sarawak, in Epid Week 1-44, 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	1
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	3
Bintulu	75,800	1	1	1	2	0	2
Limbang	30,400	0		0	0	0	0
TOTAL	854.7	8	7	6	7	0	7

¹Target Non Polio 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 44, 2013 and cumulative cases from Epid. Week 1, 2013 until Epid. Week 44, 2013.

HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0	1	1	
Bau		2		5	
Kuching		54	3	45	
KUCHING	0	56	4	51	
Samarahan		7		7	
Asajaya		1		3	
Simunjan		0		3	
Serian		4		5	
SAMARAHAN	0	12	0	18	
Sri Aman		2		2	
Lubok Antu		0		0	
SRI AMAN	0	2	0	2	
Betong		2		1	
Saratok		0		1	
BETONG	0	2	0	2	
Sarikei		1		2	
Meradong		1		1	
Pakan		2		0	
Julau		1		2	
SARIKEI	0	5	0	5	
Daro		2		0	
Matu		2		0	
Dalat		0		0	
Mukah		0		3	
MUKAH	0	4	0	3	
Sibu		16		21	
Kanowit		5		2	
Selangau		0		0	
SIBU	0	21	0	23	
Song		0		0	
Kapit		0		1	
Belaga		3		0	
KAPIT	0	3	0	1	
Tatau		1		1	
Bintulu	2	22		4	
BINTULU	2	23	0	5	
Miri		14	1	24	
Marudi		0		1	
MIRI	0	14	1	25	
Limbang		2		9	
Lawas		6		2	
LIMBANG	0	8	0	11	
Sarawak	2	150	5	146	

AIDS

District / Division	2012		2013		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		1		1	
Bau		1		1	
Kuching		24		36	
KUCHING	0	26	0	38	
Samarahan		3		2	
Asajaya		1		2	
Simunjan		2		0	
Serian		4		1	
SAMARAHAN	0	10	0	5	
Sri Aman		2		1	
Lubok Antu		0		0	
SRI AMAN	0	2	0	1	
Betong		0		2	
Saratok		0		0	
BETONG	0	0	0	2	
Sarikei		3		0	
Meradong		4		1	
Pakan		1		2	
Julau		1		1	
SARIKEI	0	9	0	4	
Daro		0		0	
Matu		0		1	
Dalat		0		0	
Mukah		1		0	
MUKAH	0	1	0	1	
Sibu		11		10	
Kanowit		2		2	
Selangau		0		0	
SIBU	0	13	0	12	
Song		1		0	
Kapit		2		0	
Belaga		0		2	
KAPIT	0	3	0	2	
Tatau		0		1	
Bintulu		9	2	11	
BINTULU	0	9	2	12	
Miri		5		7	
Marudi		1		0	
MIRI	0	6	0	7	
Limbang		4		1	
Lawas		2		2	
LIMBANG	0	6	0	3	
Sarawak	0	85	2	87	

EW = Epid. Week; Cum. = Cumulative figure

6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 44, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 44, 2013.

Gonorrhoea

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		4		4	
Bau	1	5		11	
Kuching	3	164	2	111	
KUCHING	4	173	2	126	
Samarahan	1	44		17	
Asajaya		16		10	
Simunjan	1	10	1	11	
Serian	1	13		7	
SAMARAHAN	3	83	1	45	
Sri Aman	1	2		6	
Lubok Antu		1		1	
SRI AMAN	1	3	0	7	
Betong		8		0	
Saratok		4		2	
BETONG	0	12	0	2	
Sarikei		10		2	
Meradong		3		2	
Pakan		1		0	
Julau		3		0	
SARIKEI	0	17	0	4	
Daro		2		5	
Matu		2		8	
Dalat		0		1	
Mukah	4	12		3	
MUKAH	4	16	0	17	
Sibu	3	66		39	
Kanowit		5		0	
Selangau		3		3	
SIBU	3	74	0	42	
Song		0		0	
Kapit	2	6		4	
Belaga		0		0	
KAPIT	2	6	0	4	
Tatau		11		0	
Bintulu	2	29		6	
BINTULU	2	40	0	6	
Miri		15		23	
Marudi		7		3	
MIRI	0	22	0	26	
Limbang		3		3	
Lawas		0		2	
LIMBANG	0	3	0	5	
Sarawak	19	449	3	284	

Syphilis

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		2		4	
Bau		8		6	
Kuching	4	41	2	71	
KUCHING	4	51	2	80	
Samarahan	2	17		14	
Asajaya		2		8	
Simunjan		4	1	8	
Serian		4		2	
SAMARAHAN	2	27	1	31	
Sri Aman		9		13	
Lubok Antu		3		4	
SRI AMAN	0	12	0	16	
Betong		2		0	
Saratok		3		2	
BETONG	0	5	0	2	
Sarikei	1	5		0	
Meradong		5		2	
Pakan		1		1	
Julau		1		0	
SARIKEI	1	12	0	3	
Daro		0		2	
Matu		0		0	
Dalat		2		1	
Mukah	1	3		2	
MUKAH	1	5	0	5	
Sibu		34		36	
Kanowit	1	8		0	
Selangau		3		2	
SIBU	1	45	0	38	
Song		0		0	
Kapit		1		6	
Belaga		2		0	
KAPIT	0	3	0	5	
Tatau		1		0	
Bintulu		14		7	
BINTULU	0	15	0	7	
Miri	1	7		11	
Marudi		9		2	
MIRI	1	16	0	18	
Limbang		4		3	
Lawas		13		0	
LIMBANG	0	17	0	3	
Sarawak	10	208	3	207	

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

7.1 Notified Tuberculosis cases for Epid. Week 44, 2013 compared to Epid. Week 44, 2012 and cumulative cases until Epid. Week 44, 2013.

District / Division	2013		2012		
	EW (44)	Cum.	EW (44)	Cum.	Total
Lundu	0	17	2	31	38
Bau	0	46	0	29	38
Kuching	28	445	9	380	501
KUCHING	28	508	11	440	577
Samarahan	0	50	0	40	44
Asajaya	0	27	2	19	22
Simunjan	1	39	1	38	47
Serian	0	52	1	34	40
SAMARAHAN	1	168	4	131	153
Sri Aman	1	79	2	46	63
Lubok Antu	2	51	1	40	44
SRI AMAN	3	130	3	86	107
Betong	0	49	2	42	52
Saratok	0	47	2	51	59
BETONG	0	96	4	93	111
Sarikei	0	49	3	53	73
Meradong	1	27	1	32	38
Pakan	0	25	0	22	32
Julau	0	16	0	16	20
SARIKEI	1	117	4	123	163
Daro	2	30	2	17	27
Matu	0	18	0	8	10
Dalat	0	4	1	11	13
Mukah	0	40	3	49	64
MUKAH	2	93	6	85	114
Sibu	5	195	4	190	226
Kanowit	1	39	0	31	41
Selangau	0	35	0	41	51
SIBU	6	269	4	262	318
Song	0	11	0	8	10
Kapit	0	57	1	42	60
Belaga	1	38	1	40	47
KAPIT	1	109	2	90	117
Tatau	1	34	3	49	53
Bintulu	5	182	10	204	252
BINTULU	6	216	13	253	305
Miri	0	322	6	260	310
Marudi	2	61	2	65	81
MIRI	2	383	8	325	391
Limbang	3	48	2	45	52
Lawas	0	31	1	20	22
LIMBANG	3	79	3	65	74
Sarawak	53	2168	62	1953	2430

7.2 Notified Leprosy cases for Epid. Week 44, 2013 compared to Epid. Week 44, 2012 and cumulative cases until Epid. Week 44, 2013.

District / Division	2013		2012		
	EW (44)	Cum.	EW (44)	Cum.	Total
Lundu	0	0	0	0	1
Bau	0	0	0	0	0
Kuching	0	2	0	1	1
KUCHING	0	2	0	1	0
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	0	0	0	1
Serian	0	0	0	0	0
SAMARAHAN	0	0	0	0	0
Sri Aman	0	0	0	0	2
Lubok Antu	0	0	0	0	3
SRI AMAN	0	0	0	0	1
Betong	0	0	0	0	0
Saratok	0	0	0	0	0
BETONG	0	0	0	0	5
Sarikei	0	0	0	0	6
Meradong	0	0	0	0	5
Pakan	0	0	0	0	0
Julau	0	0	0	0	0
SARIKEI	0	0	0	0	5
Daro	0	0	0	0	0
Matu	0	1	0	0	0
Dalat	0	0	0	0	4
Mukah	0	1	0	0	4
MUKAH	0	2	0	0	0
Sibu	0	1	0	1	2
Kanowit	0	0	0	0	2
Selangau	0	0	0	0	9
SIBU	0	1	0	1	11
Song	0	0	0	0	20
Kapit	0	0	0	0	1
Belaga	0	5	0	3	0
KAPIT	0	5	0	3	1
Tatau	0	0	0	0	44
Bintulu	0	5	0	1	1
BINTULU	0	5	0	1	45
Miri	0	2	0	0	4
Marudi	4	18	0	0	5
MIRI	4	20	0	0	9
Limbang	0	0	0	3	4
Lawas	0	0	0	0	0
LIMBANG	0	0	0	4	4
Sarawak	4	35	0	10	81

EW = Epid. Week; Cum. = Cumulative figure

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

District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW (44)	Cum.	EW (44)	Cum.	EW (44)	Cum.
Lundu	0	5	0	11	0	1
Bau	0	30	0	10	0	6
Kuching	13	264	12	139	3	42
KUCHING	13	299	12	160	3	49
Samarahan	0	29	0	15	0	6
Asajaya	0	23	0	1	0	3
Simunjan	1	28	0	5	0	6
Serian	0	23	0	19	0	10
SAMARAHAN	1	103	0	40	0	25
Sri Aman	1	43	0	27	0	9
Lubok Antu	2	30	0	19	0	2
SRI AMAN	3	73	0	46	0	11
Betong	0	37	0	6	0	6
Saratok	0	27	0	15	0	5
BETONG	0	64	0	21	0	11
Sarikei	0	22	0	19	0	8
Meradong	0	13	1	10	0	4
Pakan	0	10	0	9	0	6
Julau	0	7	0	5	0	4
SARIKEI	0	52	1	43	0	22
Daro	2	18	0	9	0	4
Matu	0	12	0	6	0	0
Dalat	0	4	0	0	0	0
Mukah	0	27	0	13	0	0
MUKAH	2	61	0	28	0	4
Sibu	4	126	1	40	0	29
Kanowit	0	24	1	8	0	7
Selangau	0	22	0	6	0	7
SIBU	4	172	2	54	0	43
Song	0	8	0	3	0	0
Kapit	0	38	0	14	0	5
Belaga	0	22	1	15	0	4
KAPIT	0	68	1	32	0	9
Tatau	0	6	1	27	0	1
Bintulu	4	98	0	60	1	24
BINTULU	4	104	1	87	1	25
Miri	0	232	0	44	0	46
Marudi	1	45	1	9	0	6
MIRI	1	277	1	53	0	52
Limbang	3	39	0	1	0	8
Lawas	0	24	0	2	0	5
LIMBANG	3	63	0	3	0	13

EW = Epid. Week; Cum. = Cumulative figure

7.3 Notified Tuberculosis (all forms) Patient Classification as on 2nd November, 2013

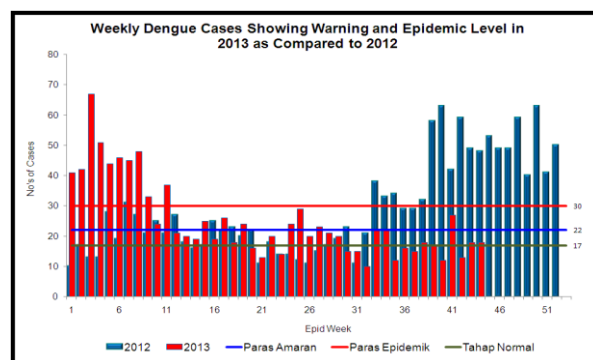
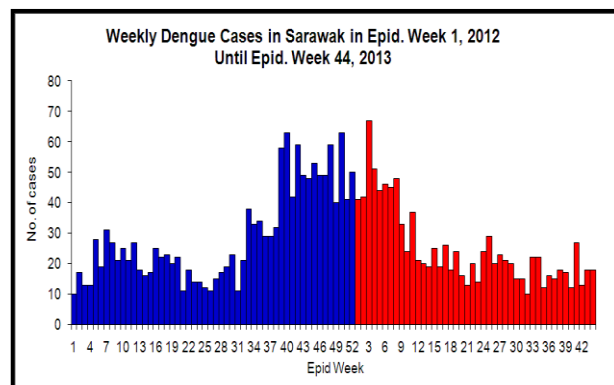
District / Division	Children (<15yrs)		Health care worker				PUSPEN/Prison		Foreigner		TB/HIV		Pusat Jagaan	
	EW (44)	Cum.	*Exposed	*Not exposed	*Exposed	*Not exposed	EW (44)	Cum.	EW (44)	Cum.	EW (44)	Cum.	EW (44)	Cum.
			EW (44)	Cum.	EW (44)	Cum.								
Lundu		1		1		0		0		0		0		0
Bau		3		1		1		0		1		0		0
Kuching	2	10		8		8		0		10		12		0
KUCHING	2	14	0	11	0	11	0	0	0	11	0	12	0	0
Samarahan		0		1		1		0		1		0		0
Asajaya		0		0		0		0		2		0		0
Simunjan	1	2		0		0		0		0		1		0
Serian		5		0		0		0		3		1		0
SAMARAHAN	1	7	0	1	0	1	0	0	0	6	0	2	0	0
Sri Aman		0		0		0		1		1		1		0
Lubok Antu		0		0		0		0		0		0		0
SRI AMAN	0	0	0	0	0	0	0	1	0	1	0	1	0	0
Betong		2		0		0		0		3		1		0
Saratok		1		0		0		0		0		0		0
BETONG	0	3	0	0	0	0	0	0	0	3	0	1	0	0
Sarikei		2		0		0		0		0		0		0
Meradong		0		0		0		0		1		0		0
Pakan		0		0		0		0		0		0		0
Julau		1		0		0		0		0		1		0
SARIKEI	0	3	0	0	0	0	0	0	0	0	0	1	0	0
Daro		0		1		1		0		2		0		0
Matu		0		0		0		0		2		0		0
Dalat		0		0		0		0		0		0		0
Mukah		1		0		0		0		3		0		0
MUKAH	0	1	0	1	0	1	0	0	0	7	0	0	0	0
Sibu		4		5		5		0		4		1		0
Kanowit		2		0		0		0		0		1		0
Selangau		1		0		0		0		0		0		0
SIBU	0	7	0	5	0	5	0	0	0	4	0	2	0	0
Song		1		0		0		0		0		0		0
Kapit		6		0		0		0		3		0		0
Belaga		7		0		0		0		6		1		0
KAPIT	0	14	0	0	0	0	0	0	0	9	0	1	0	0
Tatau		10		0		0		0	1	4		0		0
Bintulu	1	12		0		0		0	2	44		3		0
BINTULU	1	22	0	0	0	0	0	0	3	48	0	3	0	0
Miri	2	14		2		2		2		45		2		0
Marudi		3		0		0		0		4		0		0
MIRI	2	17	0	2	0	2	0	2	0	49	0	2	0	0
Limbang		0	1	1	1	1		0		5		0		0
Lawas		1		0		0		0	1	7		1		0
LIMBANG	0	1	1	1	1	1	0	0	1	12	0	1	0	0
Sarawak	6	89	1	21	1	21	0	3	4	150	0	26	0	0

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 44, 2013 compared to Epid.Week 44, 2012 and cumulative cases until Epid.Week 44, 2013.

District	2013		2012	
	EW 44	Cum.	EW 44	Cum.
Lundu	1	6	0	11
Bau	0	6	0	33
Kuching	2	132	2	135
Samarahan	0	13	0	32
Asajaya	0	7	1	6
Serian	0	21	0	22
Simunjan	0	11	1	14
Sri Aman	0	39	2	67
Lubok Antu	0	26	1	43
Betong	0	55	3	57
Saratok	2	38	4	27
Sarikei	0	55	0	30
Meradong	0	18	3	44
Pakan	0	35	1	43
Julau	0	14	1	35
Daro	0	5	0	5
Matu	0	2	0	0
Dalat	0	2	0	9
Mukah	0	4	0	9
Sibu	1	140	3	50
Kanowit	1	29	1	16
Selangau	1	18	0	5
Song	1	22	3	19
Kapit	0	62	2	65
Belaga	1	33	4	31
Tatau	1	16	2	30
Bintulu	0	79	5	97
Miri	2	92	3	106
Marudi	1	24	2	36
Limbang	0	10	1	19
Lawas	4	86	3	19
Sarawak	18	1100	48	1115

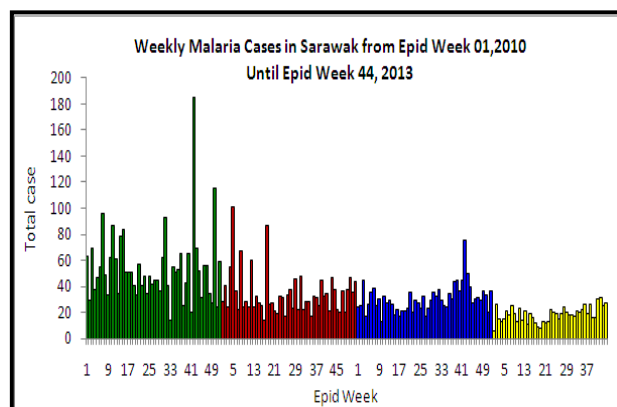
EW = Epid. Week; Cum. = Cumulative figure



In 2013, a total of 18 dengue cases were reported for Week 44 (02nd November 2013) as compared to 48 cases during the same period in 2012. The number of dengue cases reported this week is the same as the number of cases for last week (Week 43, 2013). There is one new outbreak locality reported for this week from Selangau district. The cumulative of active outbreaks reported for this week is one.

8.2. Notified Malaria cases for Epid. Week 44, 2013 compared to Epid.Week 44, 2012 and cumulative cases until Epid.Week 44 , in 2013.

District	2013		2012	
	EW 44	Cum.	EW 44	Cum.
Lundu	0	6	0	10
Bau	0	0	0	0
Kuching	0	12	0	18
Samarahan	0	3	0	3
Asajaya	0	0	0	0
Serian	0	3	0	5
Simunjan	0	3	0	4
Sri Aman	0	7	0	15
Lubok Antu	1	14	0	24
Betong	0	24	4	61
Saratok	0	22	1	30
Sarikei	1	7	0	18
Meradong	0	2	1	11
Pakan	3	27	3	52
Julau	1	48	5	71
Daro	0	1	0	6
Matu	0	0	0	1
Dalat	0	3	0	4
Mukah	0	2	0	2
Sibu	2	37	1	60
Kanowit	3	53	0	64
Selangau	0	10	0	35
Song	1	66	1	90
Kapit	9	172	7	187
Belaga	0	95	6	148
Tatau	0	8	0	25
Bintulu	0	34	0	27
Miri	0	13	1	27
Marudi	5	83	6	243
Limbang	0	13	2	26
Lawas	1	45	1	62
Sarawak	27	813	39	1329



A total of 39 cases were reported on week 44, 2012. Cumulative cases till week 44 were 1329 cases. Of the 1329 cases, 243 cases (18%) from Marudi District, 187 cases (14%) from Kapit District and 148 cases (11%) Belaga District.

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 43	EW 1-43
<i>Plasmodium vivax</i>	1	1	2	193
<i>Plasmodium falciparum</i>	0	0	0	39
<i>Plasmodium malariae</i>	0	1	1	7
<i>Plasmodium knowlesi</i>	24	0	24	567
<i>Plasmodium ovale</i>	0	0	0	6
<i>Mixed infection</i>	0	0	0	1
Total	25	2	27	813

*Local = Indigenous, Relapsed, Introduce

8.2.2. The summary of the *Imported A cases

District	Nationality	Place of Infection	Cases	Gender	Age
Sarikei	Malaysian	Papua New Guinea	<i>P. Vivax</i>	Female	46
Sibu	Malaysian	Liberia	<i>P. Malariae</i>	Male	49

Case Definition Imported A = Source of infection from other country

8.4. Chikungunya

There is no new case reported in week 44/2013 and during the same period in 2012. The cumulative number of case in 2013 is 1.

8.4. Filariasis

There is no new cases reported in week 44/2013, and 3 case was reported during the same period in 2012. The cumulative numbers of cases for 2013 were 80.

8.5 Japanese Encephalitis (JE)

There is no new case reported in week 44/2013 and during the same period in 2012. The cumulative numbers of cases in 2013 were 4.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No case reported in week 43. The cumulative number of viral encephalitis remains 4.

9.2. Viral Hepatitis (all form)

No	Type of Viral Hepatitis	Epid Week 43	Cum. 2013
1	Hepatitis A	0	1
2	Acute Hepatitis B	0	18
3	Chronic Hepatitis B	6	118
4	Acute Hepatitis C	1	15
5	Chronic Hepatitis C	4	64

9.3 Hepatitis B (Vertical Transmission)

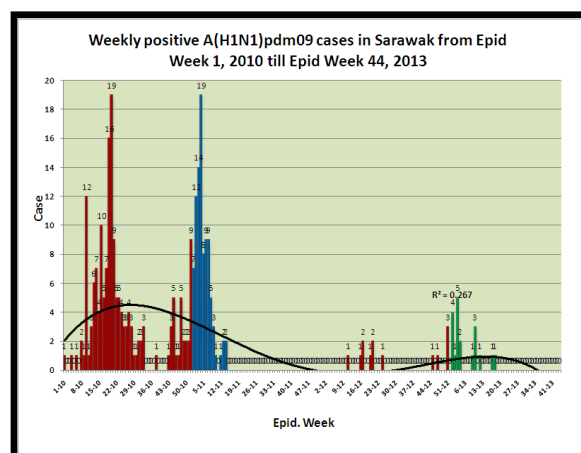
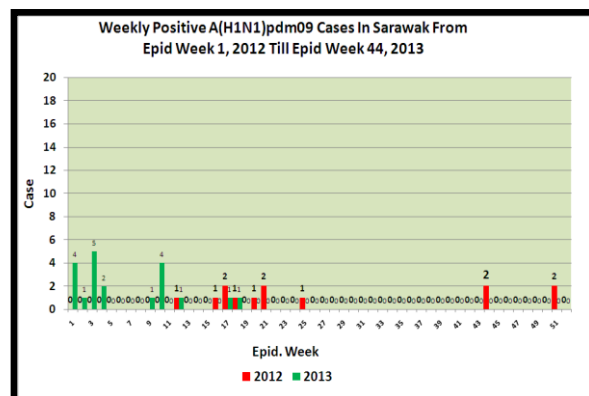
No	District	Number of cases
1	Lundu	1
2	Marudi	1
3	Limbang	2

10. EMERGING/RE-EMERGING INFECTIOUS AND ZONOTIC DISEASES

10.1.A/H1N1_{pdm09}

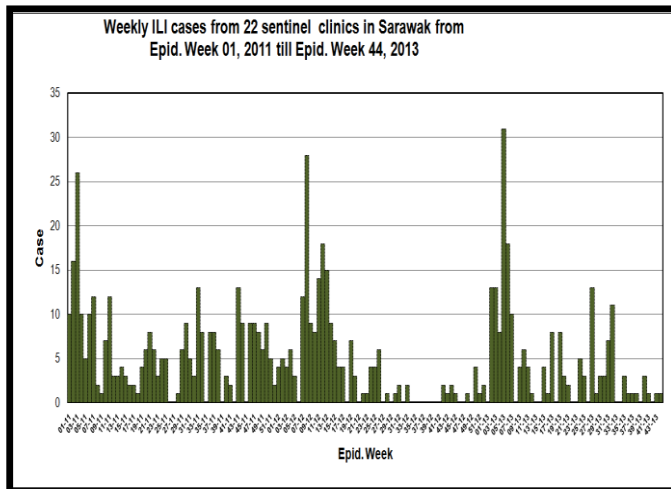
10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} as for Epid. Week 44, 2013 compared to Epid.Week44,2012 and cumulative cases in Epid.Week 44, in 2013.

District	2013		2012		Total
	EW 44	Cum.	EW 43	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	14	0	5	5
Samarahan	0	1	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	5	0	0	0
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	0	0	0
Kanowit	0	0	0	0	0
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	0	0	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	0	20	0	13	13



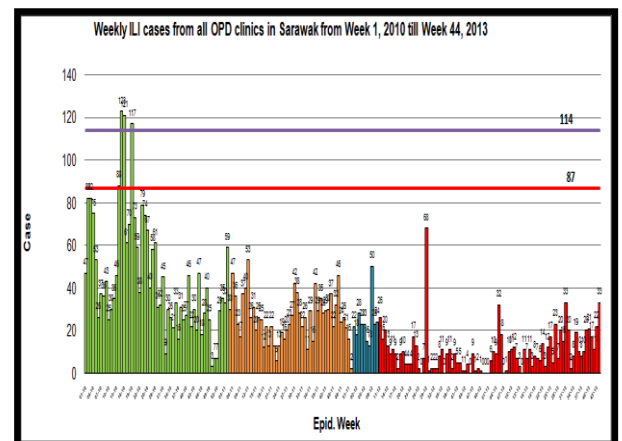
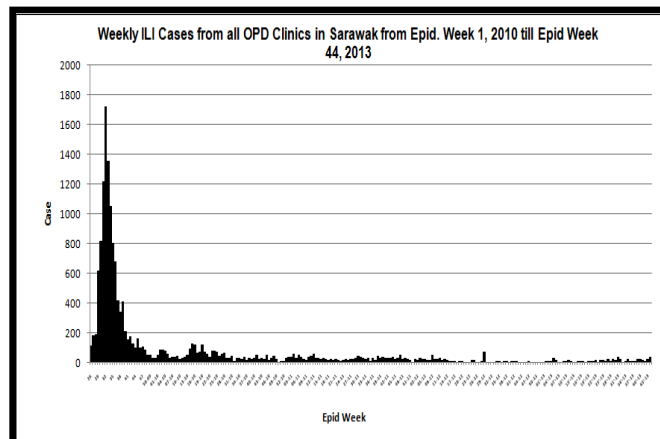
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2011 till Epid.Week 39, in 2013.



There are 33 ILI cases in week 44.

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).

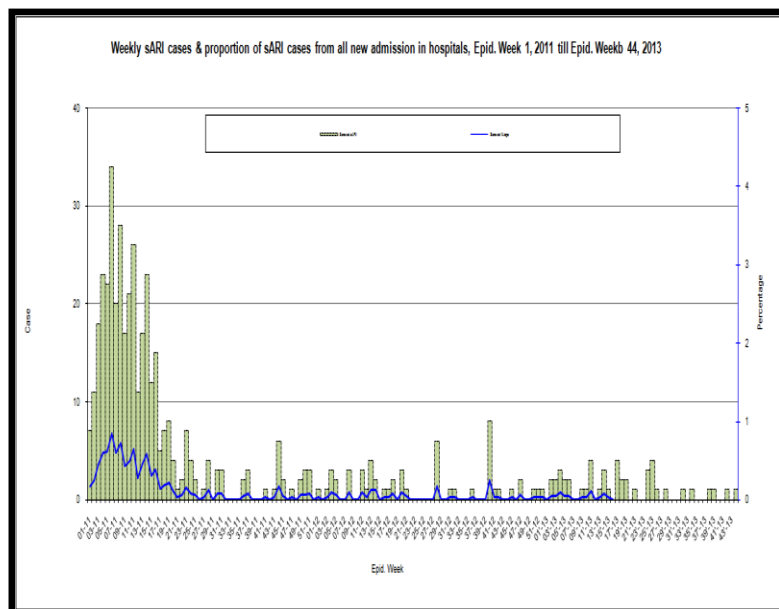


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI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

No ILI cluster reported in week 44. One sARI case reported in week 44.

10.1.4. Severe Acute Respiratory (sARI) Infection Cases



sARI is suspected when:

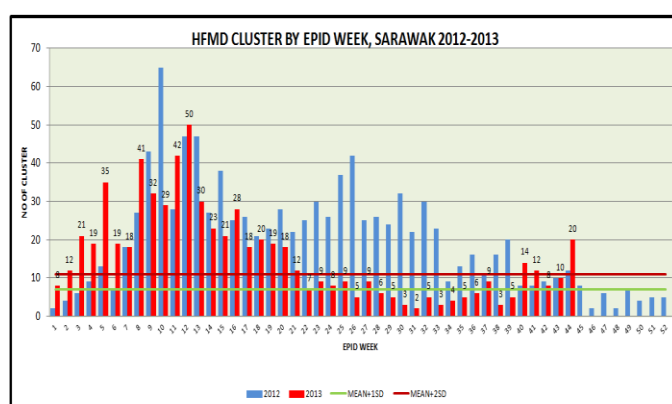
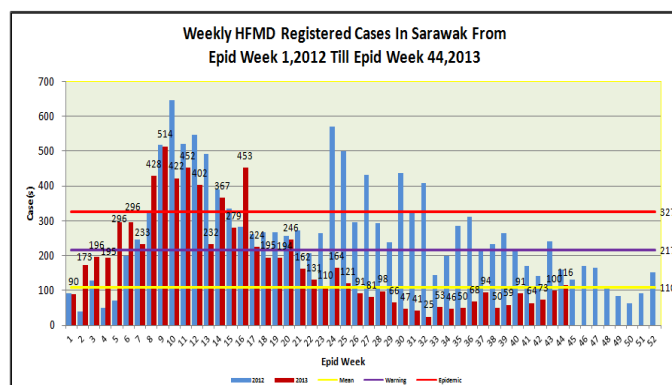
1. meets ILI case definition (sudden onset of fever > 38°C and cough or sore throat in the absence of other diagnosis, **AND**
2. shortness of breath or difficulty of breathing, **AND**
3. requires hospital admission (Disease Control Division, Ministry of Health, October 2009)

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

Division	Hospital	New EW 44	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	1	51	0	0	1	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
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	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	6	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	60	0	0	1	0	0	0	1

10.2. Registered HFMD cases (based on e-Notifikasi) for Epid.Week 44 2013 compared to Epid.Week44,2012 and cumulative cases until Epid.Week 44,2013.

District / Division	2013		2012		Total
	EW 44	Cum.	EW 44	Cum.	
Lundu	0	134	5	24	258
Bau	1	164	7	80	396
Kuching	0	1489	33	462	3917
KUCHING	1	1787	45	566	4571
Samarahan	2	212	11	108	700
Asajaya	0	27	8	26	92
Simunjan	1	79	4	18	221
Serian	0	264	6	28	742
SAMARAHAN	3	582	29	180	1755
Sri Aman	3	201	2	91	485
Lubok Antu	0	30	0	14	82
SRI AMAN	3	231	2	105	567
Betong	1	70	5	43	384
Saratok	1	152	3	34	279
BETONG	2	222	8	77	663
Sarikei	1	250	8	161	534
Meradong	1	106	0	71	206
Pakan	0	64	7	6	94
Julau	2	83	0	31	135
SARIKEI	4	503	15	269	969
Daro	0	89	2	6	132
Matu	0	37	2	2	87
Dalat	2	105	1	22	120
Mukah	4	140	0	60	162
MUKAH	6	371	5	90	501
Sibu	59	988	8	124	934
Kanowit	0	102	0	22	47
Selangau	0	75	0	6	43
SIBU	59	1165	8	152	1024
Song	1	48	1	11	62
Kapit	1	167	1	50	407
Belaga	0	102	0	38	127
KAPIT	2	317	2	99	596
Tatau	0	23	0	25	102
Bintulu	3	373	7	633	836
BINTULU	3	396	7	658	938
Miri	23	1756	13	207	1233
Marudi	2	99	1	47	121
MIRI	25	1855	14	254	1354
Limbang	8	319	3	52	453
Lawas	0	113	0	3	104
LIMBANG	8	432	3	55	557
SARAWAK	116	7861	138	2505	13495



EW = Epid. Week; Cum. = Cumulative figure

10.2.2.HFMD Clusters and closure

Cluster and Closure by Division

Divisions	Category of HFMD Clusters As of EW44,2013					
	Family	Child Care	Pre School	School	Total	Cum Closure
Kuching	137	3	13	1	154	4
Samarahan	45	1	1	0	47	2
Sri Aman	30	0	3	0	33	3
Betong	22	0	0	0	22	0
Sarikei	62	0	3	1	66	4
Mukah	18	0	3	0	21	0
Sibu	95	2	21	0	118	1
Kapit	11	0	0	1	12	0
Bintulu	17	0	0	0	17	0
Miri	124	0	3	0	127	0
Limbang	52	0	10	2	64	3
SARAWAK	613	6	57	5	681	17

10.3. Notified Leptospirosis cases for Epid. Week 44, 2013 compared to Epid.Week 44, 2012 and cumulative cases until Epid.Week 44, in 2013.

District / Division	Case classification				Total	Total					
	Confirmed		Probable			2013	2012	2011			
	EW (44) 2013	EW (44) 2012	EW (44) 2013	EW (44) 2012							
Lundu	0	0	0	0	0	6	(2)	4		6	
Bau	0	0	0	0	0	9	(2)	9	(2)	5	(1)
Kuching	1	0	1	0	2	43	(3)	76	(2)	40	(2)
KUCHING	1	0	1	0	2	58		87	(4)	51	(3)
Samarahan	0	0	0	0	0	10		12		3	
Asajaya	0	0	0	0	0	0		0		3	
Simunjan	0	0	0	0	0	3		4		8	(1)
Serian	0	0	0	0	0	6	(1)	4		10	(2)
SAMARAHAN	0	0	0	0	0	19		20		24	(3)
Sri Aman	0	0	0	0	0	19		14		14	(2)
Lubok Antu	0	0	0	0	0	11		15		11	
SRI AMAN	0	0	0	0	0	30		29		25	(2)
Betong	0	0	0	0	0	5	(1)	8		5	(1)
Saratok	0	0	0	0	0	7		4		6	(1)
BETONG	0	0	0	0	0	12		12		11	(2)
Sarikei	0	0	0	0	0	12		6	(1)	1	
Meradong	0	0	0	0	0	14		2		24	
Pakan	0	0	0	0	0	19	(1)	4	(1)	3	
Julau	0	0	0	0	0	4	(1)	1		0	
SARIKEI	0	0	0	0	0	49		13	(2)	28	
Daro	0	0	0	0	0	1		1	(1)	1	(1)
Matu	0	0	0	0	0	1		0		0	
Dalat	0	0	0	0	0	1		0		0	
Mukah	0	0	0	0	0	3	(1)	0		3	
MUKAH	0	0	0	0	0	6		1		4	(1)
Sibu	0	0	0	0	0	5	(1)	2		2	
Kanowit	0	0	0	0	0	7		6	(1)	4	
Selangau	0	0	0	0	0	2		2		3	
SIBU	0	0	0	0	0	14		10	(1)	9	
Song	0	0	0	0	0	3		1		1	
Kapit	0	0	0	0	0	6	(2)	50		12	
Belaga	0	0	0	0	0	17		4	(1)	7	(1)
KAPIT	0	0	0	0	0	26		55		20	(1)
Tatau	0	0	0	0	0	16		2		1	
Bintulu	0	0	2	0	2	48	(3)	7		10	(2)
BINTULU	0	0	2	0	2	64		9		11	(2)
Miri	0	0	0	0	0	54	(3)	10		16	(1)
Marudi	0	0	0	0	0	6	(1)	2		2	
MIRI	0	0	0	0	0	60		12		18	(1)
Limbang	0	0	1	0	1	9		21	(1)	2	(1)
Lawas	0	0	0	0	0	8		0		0	
LIMBANG	0	0	1	0	1	17		21	(1)	2	(1)
SARAWAK	0	0	5	0	5	356	(22)	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 (SuratPekelilingKetuaPengarahKesihatan Malaysia Bil. 33/201

10.3.1 Locality of Leptospirosis Cluster in Sarawak until Epid. Week 44, 2013

No.	District	Locality	Number of Cases
1	Bintulu	Syarikat Hiap Seng Eng Sdn. Bhd.	2
2	Song	Kpg Mission, Song	2
3	Seratok	Rh Belayong, Ulu Roban, Seratok	3
4	Bintulu	Ladang Pekaka, Sime Darby Plantation	2
5	Tatau	Lana Oil Palm Plantation	2

10.3.2 Summary of Leptospirosis death in Sarawak, as at Epid.week 43, 2013.

No	# District	Locality	^a Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation	Case classification	Status in E-Notification
1	Serian	Kpg Darul Fallah, Tebedu	SGH	37	Bidayuh	Female	01.01.2013	Acute renal failure secondary to thrombotic thrombocytopenia purpura	Housewife/Farmer	Probable	DAFTAR KES
2	Miri	Long Miri, Ulu Baram	Miri	34	Kenyah	Male	09.01.2013	Severe sepsis with multiorgan failure secondary to leptospirosis	Welder	Confirmed	DAFTAR KES
3	Kapit	Rh Iju, Nanga Pulang, Balleh	Sibu	16	Iban	Male	16.01.2013	Septic shock, multiorgan failure which include respiratory failure (ARDS), liver impairment, acute kidney injury and DVC	Student	Confirmed	DAFTAR NOTIFIKASI
4	Bintulu	Muzako Tanjong Kindurong	Bintulu	31	Iban	Female	18.01.2013	Multiorgan failure secondary to dengue shock syndrome	Labourer	Probable	DAFTAR KES
5	Miri	Kpg Dagang, Bekenu	Miri	55	Kedayan	Female	06.02.2013	Meningoencephalitis, associated multiorgan failure	Housewife	Confirmed	DAFTAR KES
6	Mukah	Ladang Setuan Sdn. Bhd	Sibu	40	Indonesian	Male	16.02.2013	Acute kidney injury	Labourer	Confirmed	DAFTAR KES
7	Pakan	Rh Umar, Lempa Antu	Sarikei	50	Iban	Male	04.03.2013	Severe sepsis with multiorgan failure	Not working	Probable	DAFTAR KES
8	Sibu	Lorong Permai Timur 19	Sibu	12	Malay	Male	29-03-2013	Hepatorenal failure	Student	Confirmed	DAFTAR KES
9	Bau	Kpg Sagah, Jln Sg Tengah Matang	SGH	73	Bidayuh	Male	18.04.2013	Cardiac arrest	Not working	Probable	DAFTAR KES
10	Lundu	Kpg Judin, Sematan	SGH	15	Bidayuh	Female	26.04.2013	Multiorgan failure acute	Student	Probable	DAFTAR KES
11	Julau	Rh Nyambar Ulu Kuta	Sarikei	54	Iban	Female	17.06.2013	Staphylococcal septicaemia with false-positive leptospirosis screening test, complicated by hemorrhoidal haemorrhage in a patient on chronic hemodialysis/Uncontrolled blood loss. The death is not due to leptospirosis.	Support Staff	Probable	DAFTAR KES
12	Kuching	Jln Chong Kiun Kong, Kenyalang Park	SGH	47	Malay	Male	27.06.2013	Sepsis multiorgan failure	Engineer	Probable	DAFTAR KES
13	Bintulu	Timor Enterprises Sdn Bhd	Bintulu	31	Indonesian	Female	28.06.2013	Septic shock, leptospirosis with pulmonary haemorrhage associated with multiple organ damage/ TRO Melioidosis	Farmer	Probable	DAFTAR KES
14	Bintulu	Sime Darby Plantation Sdn Bhd	Bintulu	41	Indonesian	Male	09.07.2013	Septic shock due to multiorgan failure	Laborer	Confirmed	DAFTAR KES
15	Marudi	Kpg Narum, Marudi	Miri	44	Malay	Male	26.07.2013	Acute respiratory distress syndrome and acute renal failure	Security Guard	Probable	DAFTAR KES
16	Miri	Jln Tanjung Batu, Pujut Padang Kerbau	Miri	45	Malay	Male	26.07.2013	Severe sepsis with multiorgan failure	Self employed	Probable	DAFTAR KES
17	Betong	Sambas, Indonesia/ Ladang Dable Densty, Lidong	Betong	15	Indonesian	Female	30.08.2013	Dengue shock syndrome	Not working	Confirmed	DAFTAR KES
18	Lundu	Kpg Tabuan Dayak	SGH	32	Chinese	Male	04.09.2013	Sepsis with multiorgan failure	Not working	Probable	DAFTAR KES
19	Kapit	Rh Bina, Nanga Yong	Miri	76	Iban	Female	08.06.2013	Cardiogenic shock, tyroid storm TRO Leptospirosis	Not working	Confirmed	DAFTAR NOTIFIKASI
20	Kuching	Kpg Gita Tengah, Petra Jaya	SGH	36	Malay	Male	01.07.2013	Sepsis multiorgan failure	Site supervisor	Confirmed	DAFTAR KES
21	Kuching	Kpg Garung, KM38, Penrissen	SGH	15	Bidayuh	Female	-	Unknown	Student	Probable	DAFTAR KES
22	Bau	Kpg Daun Singai	SGH	74	Bidayuh	Male	15.10.2013	Severe Leptospirosis with pulmonary haemorrhage due to acute kidney injury	Farmer	Probable	DAFTAR KES

10.4. Notified Melioidosis cases for Epid. Week 44, 2013 compared to Epid. Week 44,2012 and cumulative cases until Epid.Week 44,2013

District / Division	Case classification				Total EW (44) 2013	Total					
	Confirmed		Probable			2013	2012	2011			
	EW (44) 2013	EW (44) 2012	EW (44) 2013	EW (44) 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	0		3		4	
KUCHING	0	0	0	0	0	0		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	1		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	2		1		2	
MUKAH	0	0	0	0	0	3		2		2	
Sibu	0	0	0	0	0	2		0		1	
Kanowit	0	0	0	0	0	4		0		1	
Selangau	0	0	0	0	0	2	(1)	1	(1)	4	
SIBU	0	0	0	0	0	8		1		6	
Song	0	0	0	0	0	0		0		1	
Kapit	0	0	0	0	0	6	(1)	28		62	(3)
Belaga	0	0	0	0	0	2	(2)	0		21	(4)
KAPIT	0	0	0	0	0	8		28		84	(7)
Tatau	0	0	0	0	0	2		0		4	(1)
Bintulu	0	0	0	0	0	18	(3)	0		6	
BINTULU	0	0	0	0	0	20		0		10	(1)
Miri	0	0	0	0	0	9		2		7	(2)
Marudi	0	0	0	0	0	0		0		1	
MIRI	0	0	0	0	0	9		2		8	(2)
Limbang	0	0	0	0	0	0		0		0	
Lawas	0	0	0	0	0	2		0		0	
LIMBANG	0	0	0	0	0	2		0		0	
SARAWAK	0	0	0	0	0	50	(7)	40	(1)	121	(11)

Note: () Death; EW = Epid. Week

District indicates source of infection

10.4.1 Melioidosis Death case (Positive) up to week 44, 2013

# District	Locality	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation	Case Classification
Selangau	Rh Anthony, Pakoh	Sibu	10	Iban	Female	17.01.2013	Melioidosis with severe septicaemia shock and pneumonia	Student	Confirmed
Bintulu	2634, Kpg Assyakirin	Bintulu	53	Malay	Female	11.02.2013	Septic shock due to severe melioidosis, myocarditis and acute kidney injury	Housewife	Probable
Bintulu	Segarmas Plantation S/B	Bintulu	29	Indonesian	Male	28.05.2013	Septic shock due severe pneumonia complicated with respiratory failure	Labourer	Probable
Bintulu	No 133 A, Kpg Jepak	Bintulu	45	Melanau	Male	01.06.2013	Septic shock secondary to urosepsis associated with acute renal failure	Not working	Confirmed
Kapit	Bakun Dam	Bintulu	50	Philippines	Male	06.06.2013	Severe septicaemia with multi organ failure	Worker at Bakun	Confirmed
Belaga	Uma Baluy Laguai, Naha Jaley	Bintulu	18	Kayan	Female	10.06.2013	Melioidosis with septic shock complicated with ARDS, DVC and multi organ failure	Housewife	Confirmed
Belaga	Quarters of Lumut Camp, Sg Asap	Bintulu	28	Indonesian	Male	12.06.2013	Septic shock due to severe melioidosis due to myocarditis and acute kidney failure	Lorry driver (Block stone)	Confirmed

* SGH = Sarawak General Hospital

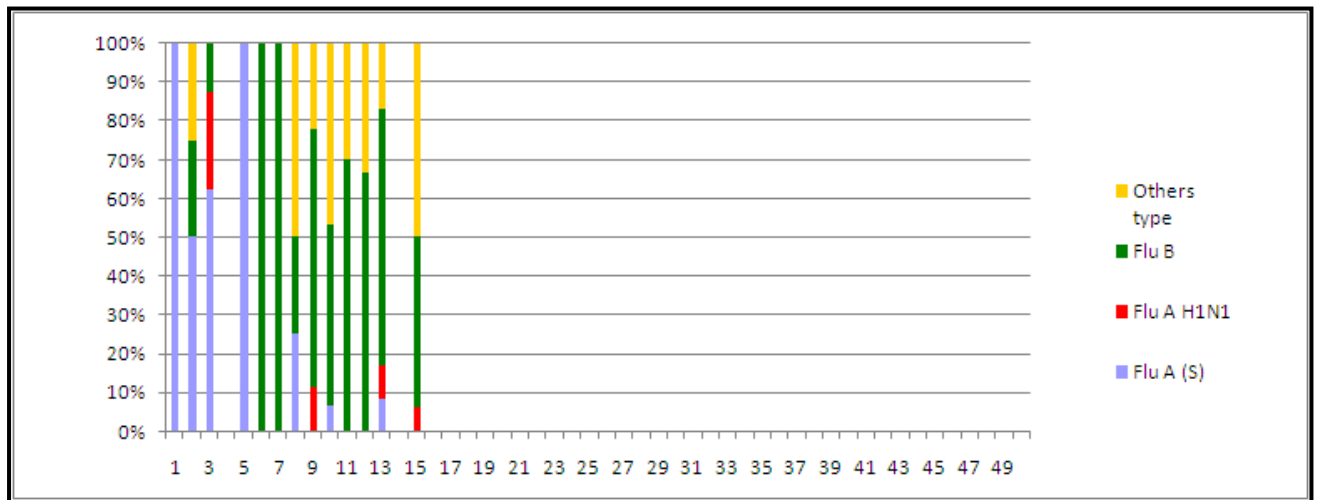
Note

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

® Hospital indicate facility where patient admitted

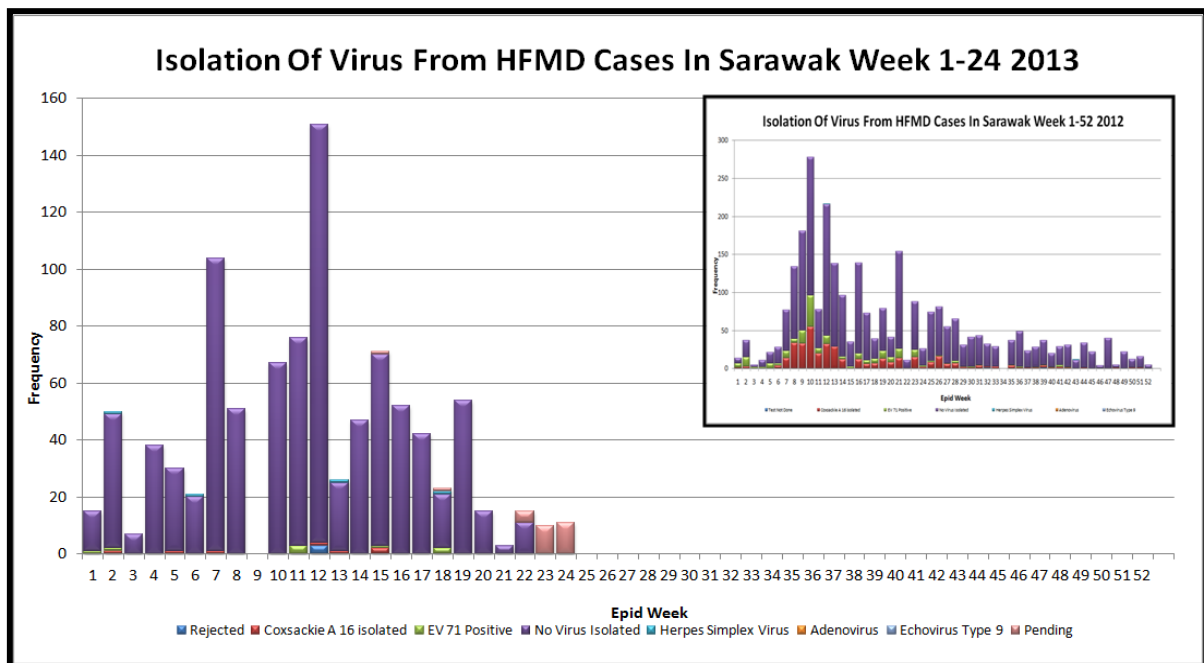
11. LABORATORY BASED SURVEILLANCE

11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah*) from Epid Week 1 till Epid Week 15, 2013.

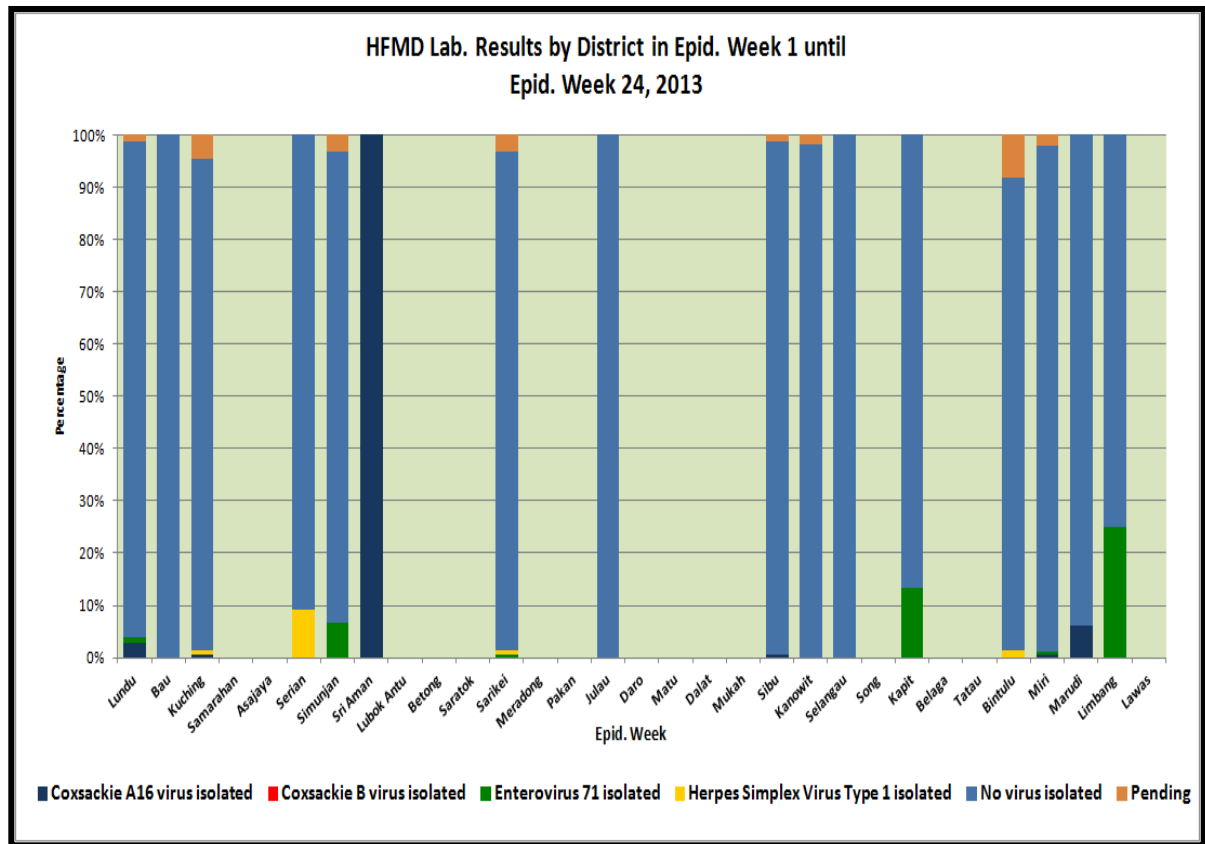


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

11.3. Laboratory Based Surveillance HFMD, EW 1- EW 24, 2013



As of 26th January, 2013, 2816 HFMD 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 31st July 2013)

No	Name/Designation	Office Address	E-mail Address	Tel./Fax/Handphone No.
1	Ketua Penolong Pengarah Kanan Dr. Sarina Shuib	Seksyen Kawalan Penyakit Berjangkit Jabatan Kesihatan Negeri Sarawak	drsarinauzir@yahoo.com	Tel : 082-473200/277 Fax : 082-443098 Hp : 012-8081303
2	Ketua Penolong Pengarah Dr Ruziana Miss	Seksyen Kawalan Penyakit Berjangkit Jabatan Kesihatan Negeri Sarawak	drruziyan@yahoo.com.my	Tel : 082-473200/276 Fax : 082-443098 Hp : 019-8356456
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 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
5	Pegawai Epidemiologi bahagian Samarahan Dr Fatimah Oh Abdullah	Pejabat Kesihatan Bahagian Samarahan Jalan Datuk Muhammad Musa, 94300 Kota Samarahan	drfatimah@gmail.com	Tel:082-673626 Fax: 082-673632 Hp: 010-9825437 / 012-8585447
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 Sibu Dr. Muhamad Rais Abdullah	Pejabat Kesihatan Bahagian Sibu Tingkat 5, Wisma Persekutuan, Persiaran Brooke, 96000 Sibu	mdrais@srwk.moh.gov.my	Tel : 084-315494 Fax : 084-348284 Hp : 019-8196459
10	Pegawai Kesihatan Bahagian Kapit Dr Ivan Vun Jan Shui	Pejabat Kesihatan Bahagian Kapit Tingkat 3, Wisma Persekutuan, 96800 Kapit	ivanvun@gmail.com	Tel : 084-796404 Fax : 084-332502 Hp : 013-8155183
11	Pegawai Kesihatan Bahagian Mukah Dr. Hj. Osman Hj. Rafaie	Pejabat Kesihatan Bahagian Mukah Jalan Haji Muhammad Pauzi 96400 Mukah	dho_mukah@yahoo.com	Tel : 084-873301 Fax : 084-872963 Hp : 013-8014700
12	Pegawai 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
13	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
14	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
15	Pegawai Kesihatan Bahagian Limbang Dr. Norliza Jusoh	Pejabat Kesihatan Bahagian Limbang Jalan Pandaruan, 98700 Limbang	norlizaj@srwk.moh.gov.my	Tel : 085-211046 Fax : 085-429987 Hp : 019-8163163

ADVISORS:

DatuDr Zulkifli Jantan
State Director – Sarawak Health Department

Dr Jamilah Hashim
State Deputy Director (Public Health)

Datu Dr Andrew Kiyu
Consultant Epidemiologist

CHIEF EDITOR:

Dr Sarina Shuib, CDC Section

EDITORS & CONTRIBUTORS:

Tn Hj Asmad Matusop, Entomology Section

Dr Julaidah Sharip, CDC Section

Mr Abdul Kadir Mohd. Anis

Mr Davidson Clinn Tayus

Mdm Carolina Victor

Mr Muslim Mhd. Ghazali

Mr Mike Jesussen Ak Bolian

Ms Hawa Nabila Binti Hip

Ms Tang Wan Yung

PPKP, VBDC Section

PPKP, STD/AIDS Section

PPKP, TB/CPLCP Section

CORRESPONDENCE:

COMMUNICABLE DISEASE CONTROL SECTION,
Sarawak Health Department,
Jalan Diplomatik, Off Jalan Bako
93050 Kuching,
Sarawak
Phone: 082-443248/441780
Fax: 082-443098
Email: opsroom_jkns@srwk.moh.gov.my OR
cdcjkns@gmail.com



SARAWAK
State Health Department

Note:

1. The data may be subject to change. Any enquiries please call CDC Section, Sarawak Health Department.
2. Prepared by CPRC (Crisis Preparedness and Response Centre), Communicable Disease Control Section, Sarawak Health Department.
3. Any comments or new ideas on Sarawak Weekly Epid. News are greatly appreciated.