



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID.WEEK 41

6thOct. – 12th Oct. 2013

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

Local Update:

Global Update:

H7N9

Status as on 20th September, 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 24th October 2013.

Globally, from September 2012 to date, WHO has been informed of a total of 144 laboratory-confirmed cases of infection with MERS-CoV, including 62 deaths.

*MERS-CoV- Middle East Respiratory Syndrome Coronavirus

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SARAWAK
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

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2. NEW OUTBREAKS/CLUSTERS

No	Diseases	Number of outbreak/Cluster	Total cases affected
1	HFMD	11	29
2	Food Poisoning	1	5

Note: based on outbreak reported in E-Wabak.

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 41, 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							
Bau											1																
Kuching	5/3					3			4	3	3								1		12				3		
Samarahan						1				1																1	
Asajaya										1	1																
Simunjan						1				1																	
Serian						1				1	4								1						1	1	
Sri Aman	1/0					1					2		1								2						
L/ Antu													1								2						
Betong						3							2						1								
Saratok						2							1														
Sarikei																											
Meradong																										1	
Pakan											2																
Julau						2							2								1						
Daro	1/0																										
Matu																											
Dalat											3		1														
Mukah											2										1						
Sibu										5	13								1		11						
Kanowit						2					1								1						1		
Selangau													1								2						
Song						1							2														
Kapit											1		9														
Belaga						1							2														
Tatau											3										1						
Bintulu	4/0					1				2	2		2						2						2	1	
Miri						1				1	17		1														
Marudi						3							3													1	
Limbang										1	5								1		2				1	1	
Lawas											4																
TOTAL (Week41)	11					27			4	16	64		31						8		35				9	7	
Total (2013)	139/75					1051	4		929	412	7572	30	731	23	310				186	2	1970	3		124	205	339	
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

4. SURVEILLANCE REPORT ON FOOD-WATER BORNE DISEASES

4.1. Cumulative cases from Epid Week 1 until Epid Week 41, 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	4	0	0	1	59	0	27	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	4	0	17	3	0
Sarikei	1	0	0	0	67	0	15	2	0
Maradong	3	2	0	0	57	0	7	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	6	1	0
Kanowit	1	1	0	0	73	0	3	0	0
Selangau	0	0	0	0	71	0	0	0	0
Kapit	0	0	0	0	12	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	65	0	14	0	0
Tatau	0	0	0	0	3	0	1	0	0
Miri	0	0	0	0	68	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	26	8	2	1	903	0	135	12	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 1-41

Diseases	Number of cases		Outbreak	
	EW 41	2013	EW 41	2013
KRM	*4	929	1	64
Tifoid	0	8	0	1
Paratyphoid A,B,C	0	3	0	0
Kolera	0	0	0	0
Dysentery	0	9	0	0
Salmonellosis*	0	3	0	0
Hep. A	0	1	0	0
AGE dan lain-lain				0
JUMLAH	4	953	1	75

*Blok HB 12, Kuarters Shin Yang Holly Stone Quarry, Kuala Baram, Miri (5 kes)

** Sri Aman (Paratyphoid A)

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 41, 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	88	0	0	0	40	6	0	15	2	4	22	2
Samarahan	29	0	0	0	21	5	1	7	5	0	9	0
Sri Aman	3	0	0	0	1	0	0	0	0	1	6	2
Betong	30	0	0	0	21	9	0	0	0	2	4	0
Sarikei	37	1	1	0	27	5	1	0	0	1	4	0
Sibu	4	0	0	0	5	0	0	0	0	0	8	0
Kapit	36	0	0	0	31	27	0	1	0	0	0	0
Mukah	3	0	0	0	0	0	0	1	0	2	1	0
Bintulu	15	0	0	0	4	1	1	0	0	3	1	0
Miri	85	1	0	0	53	19	0	1	0	4	18	0
Limbang	26	0	0	0	12	2	0	0	0	1	37	0
Sarawak	356	2	0	0	215	74	3	25	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 41, 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	89	88	98.88	89	100.00	84	94.38
Samarahan	29	28	96.55	29	100.00	29	100.00
Sri Aman	3	3	100.00	3	100.00	2	66.67
Betong	30	30	100.00	30	100.00	27	90.00
Sarikei	37	33	89.19	37	100.00	35	94.59
Sibu	5	5	100.00	5	100.00	5	100.00
Kapit	36	32	88.89	36	100.00	32	88.89
Mukah	3	3	100.00	3	100.00	3	100.00
Bintulu	15	13	86.67	15	100.00	15	100.00
Miri	88	76	86.36	88	100.00	82	93.18
Limbang	26	25	96.15	26	100.00	25	96.15
Sarawak	361	336	93.07	361	100.00	339	93.91

Measles Elimination Programme Strategies:

5.4 Acute Flaccid Paralysis (AFP)

Reported AFP cases in Sarawak, in Epid Week 1-41, 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 41, 2013 and cumulative cases from Epid. Week 1, 2013 until Epid Week 41, 2013.

HIV

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		0	
Bau		2		5	
Kuching	5	52	4	42	
KUCHING	5	54	4	47	
Samarahan		6	1	7	
Asajaya		1		3	
Simunjan		0		3	
Serian		4		5	
SAMARAHAN	0	11	1	18	
Sri Aman	1	2		2	
Lubok Antu		0		0	
SRI AMAN	1	2	0	2	
Betong		1		1	
Saratok		0		1	
BETONG	0	1	0	2	
Sarikei		1		2	
Meradong		1		1	
Pakan		2		0	
Julau		1		2	
SARIKEI	0	5	0	5	
Daro	1	2		0	
Matu		2		0	
Dalat		0		0	
Mukah		0		3	
MUKAH	1	4	0	3	
Sibu		13		21	
Kanowit		3		2	
Selangau		0		0	
SIBU	0	16	0	23	
Song		0		0	
Kapit		0		1	
Belaga		3		0	
KAPIT	0	3	0	1	
Tatau		1		1	
Bintulu	4	20		4	
BINTULU	4	21	0	5	
Miri		14	4	22	
Marudi		0		1	
MIRI	0	14	4	23	
Limbang		2	1	9	
Lawas		6	1	2	
LIMBANG	0	8	2	11	
Sarawak	11	139	11	140	

AIDS

District / Division	2012		2013		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		0		1	
Bau		1		1	
Kuching		23	3	35	
KUCHING	0	24	3	37	
Samarahan		3		1	
Asajaya		1		2	
Simunjan	1	2		0	
Serian		4		1	
SAMARAHAN	1	10	0	4	
Sri Aman		2		1	
Lubok Antu		0		0	
SRI AMAN	0	2	0	1	
Betong		0		1	
Saratok		0		0	
BETONG	0	1	0	1	
Sarikei	1	2		0	
Meradong		4		1	
Pakan		1		2	
Julau		1		1	
SARIKEI	1	8	0	4	
Daro		0		0	
Matu		0		1	
Dalat		0		0	
Mukah		1		0	
MUKAH	0	1	0	1	
Sibu		11		7	
Kanowit		2		1	
Selangau		0		0	
SIBU	0	13	0	8	
Song		1		0	
Kapit		2		0	
Belaga		0		2	
KAPIT	0	3	0	2	
Tatau		0		1	
Bintulu		5		6	
BINTULU	0	5	0	7	
Miri		5		7	
Marudi		1		0	
MIRI	0	6	0	7	
Limbang		4		1	
Lawas		2		2	
LIMBANG	0	6	0	3	
Sarawak	2	79	3	75	

EW = Epid. Week; Cum. = Cumulative figure

6.2 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 40, 2013 and Cumulative cases Epid. Week 1, 2013 until Epid Week 41, 2013.

Gonorrhoea

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		4		3	
Bau		4		11	
Kuching	3	152	4	105	
KUCHING	3	160	4	119	
Samarahan	1	42	2	17	
Asajaya	1	14		10	
Simunjan	1	9		10	
Serian	1	12		7	
SAMARAHAN	4	77	2	44	
Sri Aman		1		4	
Lubok Antu		1		1	
SRI AMAN	0	2	0	5	
Betong		6		0	
Saratok		3	1	2	
BETONG	0	9	1	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	1	
Mukah		8		3	
MUKAH	0	12	1	17	
Sibu	5	63		34	
Kanowit		5		0	
Selangau		3		3	
SIBU	5	71	0	37	
Song		0		0	
Kapit		4		4	
Belaga		0		0	
KAPIT	0	4	0	4	
Tatau		11		0	
Bintulu	2	27		6	
BINTULU	2	38	0	6	
Miri	1	13		23	
Marudi		6		3	
MIRI	1	19	0	26	
Limbang	1	3		3	
Lawas		0		2	
LIMBANG	1	3	0	5	
Sarawak	16	412	8	269	

Syphilis

District / Division	2013		2012		Total
	EW (current)	Cum.	EW (current)	Cum.	
Lundu		2		3	
Bau		8		6	
Kuching	1	35	4	65	
KUCHING	1	45	4	73	
Samarahan		15	2	14	
Asajaya		2		8	
Simunjan		4		7	
Serian	1	4		2	
SAMARAHAN	1	25	2	30	
Sri Aman		9		11	
Lubok Antu		3		4	
SRI AMAN	0	12	0	14	
Betong	1	2		0	
Saratok		3	1	2	
BETONG	1	5	1	2	
Sarikei		4		0	
Meradong		4		2	
Pakan		0		1	
Julau		1		0	
SARIKEI	0	9	0	3	
Daro		0		2	
Matu		0		0	
Dalat		2	1	1	
Mukah		2		2	
MUKAH	0	4	1	5	
Sibu	1	33		31	
Kanowit	1	6		0	
Selangau		3		2	
SIBU	2	42	0	33	
Song		0		0	
Kapit		1		6	
Belaga		2		0	
KAPIT	0	3	0	5	
Tatau		1		0	
Bintulu	2	13		7	
BINTULU	2	14	0	7	
Miri		6		11	
Marudi		9		2	
MIRI	0	15	0	18	
Limbang	1	3		3	
Lawas		9		0	
LIMBANG	1	12	0	3	
Sarawak	8	186	8	192	

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

7.1 Notified Tuberculosis cases for Epid. Week 41, 2013 compared to Epid. Week 41, 2012 and cumulative cases until Epid. Week 41, 2013.

District / Division	2013		2012		Total
	EW (41)	Cum.	EW (41)	Cum.	
Lundu	1	14	1	28	38
Bau	0	46	0	29	38
Kuching	12	396	17	355	501
KUCHING	13	456	18	412	577
Samarahan	0	49	0	37	44
Asajaya	0	24	0	17	22
Simunjan	0	35	2	36	47
Serian	0	52	0	30	40
SAMARAHAN	0	160	2	120	153
Sri Aman	2	72	0	41	63
Lubok Antu	2	48	1	35	44
SRI AMAN	4	120	1	76	107
Betong	0	42	3	38	52
Saratok	0	44	0	48	59
BETONG	0	86	3	86	111
Sarikei	0	47	3	48	73
Meradong	0	23	0	29	38
Pakan	0	25	0	20	32
Julau	1	15	0	15	20
SARIKEI	1	110	3	112	163
Daro	0	28	1	14	27
Matu	0	13	0	8	10
Dalat	0	4	1	10	13
Mukah	1	38	0	45	64
MUKAH	1	83	2	77	114
Sibu	11	185	4	182	226
Kanowit	0	34	0	30	41
Selangau	2	35	1	40	51
SIBU	13	254	5	252	318
Song	0	11	0	7	10
Kapit	0	49	0	41	60
Belaga	0	36	2	35	47
KAPIT	0	96	2	83	117
Tatau	1	31	1	39	53
Bintulu	0	158	9	176	252
BINTULU	1	189	10	215	305
Miri	0	287	12	253	310
Marudi	0	56	1	58	81
MIRI	0	343	13	311	391
Limbang	2	42	0	37	52
Lawas	0	31	1	18	22
LIMBANG	2	73	1	55	74
Sarawak	35	1970	60	1799	2430

7.2 Notified Leprosy cases for Epid. Week 41, 2013 compared to Epid. Week 41, 2012 and cumulative cases until Epid. Week 41, 2013.

District / Division	2013		2012		Total
	EW (41)	Cum.	EW (41)	Cum.	
Lundu	0	0	0	0	1
Bau	0	0	0	0	0
Kuching	0	1	0	1	1
KUCHING	0	1	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	6	0	1	1
BINTULU	0	6	0	1	45
Miri	0	2	0	0	4
Marudi	0	13	0	0	5
MIRI	0	15	0	0	9
Limbang	0	0	0	3	4
Lawas	0	0	0	0	0
LIMBANG	0	0	0	4	4
Sarawak	0	30	0	10	81

EW = Epid. Week; Cum. = Cumulative figure

7.3 Notified Tuberculosis (all forms) Case Classification as on 12th October, 2013

District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW (41)	Cum.	EW (41)	Cum.	EW (41)	Cum.
Lundu	0	4	1	9	0	1
Bau	0	30	0	10	0	6
Kuching	10	235	2	125	0	36
KUCHING	10	269	3	144	0	43
Samarahan	0	28	0	15	0	6
Asajaya	0	20	0	1	0	3
Simunjan	0	24	0	5	0	6
Serian	0	23	0	19	0	10
SAMARAHAN	0	95	0	40	0	25
Sri Aman	1	41	0	23	1	8
Lubok Antu	1	28	1	18	0	2
SRI AMAN	2	69	1	41	1	10
Betong	0	32	0	4	0	6
Saratok	0	26	0	13	0	5
BETONG	0	58	0	17	0	11
Sarikei	0	21	0	19	0	7
Meradong	0	13	0	8	0	2
Pakan	0	10	0	9	0	6
Julau	0	6	1	5	0	4
SARIKEI	0	50	1	41	0	19
Daro	0	16	0	9	0	3
Matu	0	9	0	4	0	0
Dalat	0	4	0	0	0	0
Mukah	1	26	0	12	0	0
MUKAH	1	55	0	25	0	3
Sibu	5	119	4	38	2	28
Kanowit	0	20	0	7	0	7
Selangau	2	22	0	6	0	7
SIBU	7	161	4	51	2	42
Song	0	8	0	3	0	0
Kapit	0	34	0	11	0	4
Belaga		19	0	13	0	4
KAPIT	0	61	0	27	0	8
Tatau	0	6	1	24	0	1
Bintulu	0	84	0	55	0	19
BINTULU	0	90	1	79	0	20
Miri	0	204	0	40	0	43
Marudi	0	41	0	8	0	6
MIRI	0	245	0	48	0	49
Limbang	2	34	0	0	0	8
Lawas	0	24	0	2	0	5
LIMBANG	2	58	0	2	0	13
Sarawak	22	1211	10	515	3	243

EW = Epid. Week; Cum. = Cumulative figure

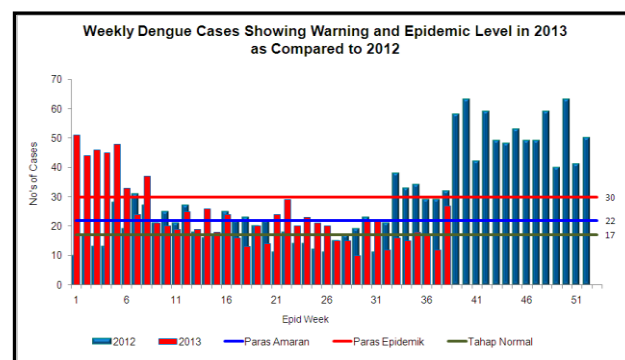
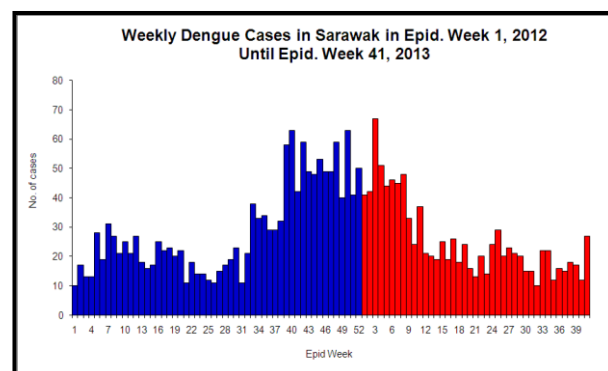
7.3 Notified Tuberculosis (all forms) Patient Classification as on 12th October, 2013

District / Division	Children (<15yrs)		Health care worker				PUSPEN/Prison		Foreigner		TB/HIV		Pusat Jagaan	
	EW (41)	Cum.	*Exposed	*Not exposed	*Exposed	*Not exposed	EW (41)	Cum.	EW (41)	Cum.	EW (41)	Cum.	EW (41)	Cum.
			EW (41)	Cum.	EW (41)	Cum.								
Lundu		1		1		0		0		0		0		0
Bau		3		0		0		0		1		0		0
Kuching	1	8		8		8		0		10		12		0
KUCHING	1	12	0	10	0	10	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		0		0		0		0		1		0
Serian		5		0		0		0		3		1		0
SAMARAHAN	0	6	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	1	1		0		2		0		0
Matu		0		0		0		0		1		0		0
Dalat		0		0		0		0		0		0		0
Mukah		1		0		0		0		3		0		0
MUKAH	0	1	1	1	1	1	0	0	0	6	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		5		0		0		0		3		0		0
Belaga		6		0		0		0		5		1		0
KAPIT	0	12	0	0	0	0	0	0	0	8	0	1	0	0
Tatau	3	10		0		0		0		3		0		0
Bintulu	1	11		0		0		0	3	41		3		0
BINTULU	4	21	0	0	0	0	0	0	3	44	0	3	0	0
Miri		10		2		2		2		39		2		0
Marudi		3		0		0		0		4		0		0
MIRI	0	13	0	2	0	2	0	2	0	43	0	2	0	0
Limbang		0		0		0		0		5		0		0
Lawas		1		0		0		0		6		0		0
LIMBANG	0	1	0	0	0	0	0	0	0	11	0	0	0	0
Sarawak	5	79	1	19	1	19	0	3	3	137	0	25	0	0

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 40, 2013 compared to Epid.Week 41, 2013 and cumulative cases until Epid.Week 41, 2013.

District	2013		2012	
	EW 41	Cum.	EW 41	Cum.
Lundu	1	5	0	11
Bau	0	6	0	32
Kuching	3	124	4	123
Samarahan	1	13	1	30
Asajaya	0	7	0	5
Serian	1	21	1	18
Simunjan	1	11	0	12
Sri Aman	1	37	11	56
Lubok Antu	0	25	3	31
Betong	3	53	2	52
Saratok	2	35	0	20
Sarikei	0	55	0	29
Meradong	0	16	4	35
Pakan	0	35	1	35
Julau	2	14	0	32
Daro	0	5	0	5
Matu	0	2	0	0
Dalat	0	1	0	9
Mukah	0	4	0	6
Sibu	3	136	3	39
Kanowit	2	28	1	14
Selangau	0	16	1	5
Song	1	20	0	13
Kapit	0	62	3	54
Belaga	1	30	1	23
Tatau	0	13	0	24
Bintulu	1	78	5	85
Miri	1	87	0	102
Marudi	3	22	1	33
Limbang	0	9	0	13
Lawas	0	81	0	13
Sarawak	27	1051	42	959



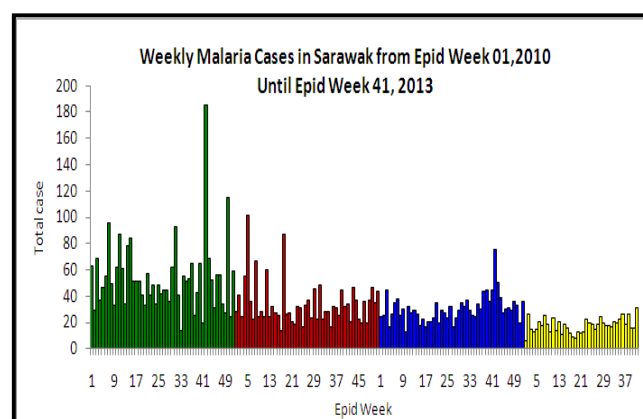
In 2013, a total of 27 dengue cases were reported for Week 41 (13 September, 2013) as compared to 42 cases during the same period in 2012. There were increases of 10 cases compared to the previous week (Week 40, 2013). There is one new outbreak locality reported from Simunjan district. The cumulative of active outbreak is one locality.

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 41, 2013 compared to Epid.Week 41, 2012 and cumulative cases until Epid.Week 41 , in 2013.

District	2013		2012	
	EW 41	Cum.	EW 41	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	2	0	4
Simunjan	0	3	0	3
Sri Aman	1	7	0	14
Lubok Antu	1	13	0	22
Betong	2	24	3	49
Saratok	1	22	3	20
Sarikei	0	5	0	17
Meradong	0	2	0	9
Pakan	0	22	4	44
Julau	2	44	0	58
Daro	0	1	0	6
Matu	0	0	0	1
Dalat	1	3	1	4
Mukah	0	2	0	2
Sibu	0	33	1	59
Kanowit	0	42	3	56
Selangau	1	10	1	31
Song	2	61	4	79
Kapit	9	148	10	159
Belaga	2	88	6	121
Tatau	0	8	1	24
Bintulu	2	32	1	26
Miri	1	12	0	24
Marudi	3	72	4	224
Limbang	0	11	1	23
Lawas	3	43	2	55
Sarawak	31	731	45	1165

NOTES: 1/ EW – Epid. WEEK, Cum. – cumulative figure,



A total of 31 cases were reported on week 41, 2013. Cumulative cases till week 41 were 731 cases. Of the 31 cases, 9 cases (29%) from Kapit District, 3 cases (9.7%) from Marudi and Lawas District, 2 cases (6.5%) from Belaga, Betong, Bintulu, Julau and Song District. 6 other cases (19.4%) from 6 other 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 41	EW 1-41
<i>Plasmodium vivax</i>	0	0	0	184
<i>Plasmodium falciparum</i>	0	3	3	36
<i>Plasmodium malariae</i>	0	0	0	6
<i>Plasmodium knowlesi</i>	28	0	28	498
<i>Plasmodium ovale</i>	0	0	0	6
<i>Mixed infection</i>	0	0	0	1

*Local = Indigenous, Relapsed, Introduce

8.2.2. The summary of the *Imported A cases

District	Nationality	Place of Infection	Cases	Gender	Age
Kapit	Malaysian	Republic De Guinea, Afrika	<i>P. Falciparum</i>	Male	13
Miri	Malaysian	Sineo, Liberia	<i>P. Falciparum</i>	Male	61
Dalat	Malaysian	Bata, Equatorial Guinea	<i>P. Falciparum</i>	Male	57

Case Definition Imported A = Source of infection from other country

8.4. Chikungunya

There is no new case reported in week 41/2013 and during the same period in 2012. The cumulative number of case in 2013 is 1.

8.4. Filariasis

There were 9 new cases reported in week 41/2013, and 4 cases was reported during the same period in 2012. The cumulative numbers of cases for 2013 were 73

8.5 Japanese Encephalitis (JE)

There is no new case reported in week 41/2013 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 41. The cumulative number of viral encephalitis remains 4.

9.2. Viral Hepatitis (all form)

No	Type of Viral Hepatitis	Epid Week 41	Cum. 2013
1	Hepatitis A	0	1
2	Acute Hepatitis B	0	18
3	Chronic Hepatitis B	3	118
4	Acute Hepatitis C	0	15
5	Chronic Hepatitis C	0	61

9.3 Hepatitis B (Vertical Transmission)

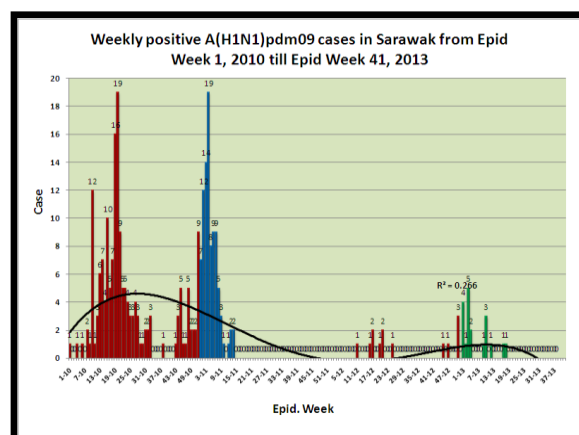
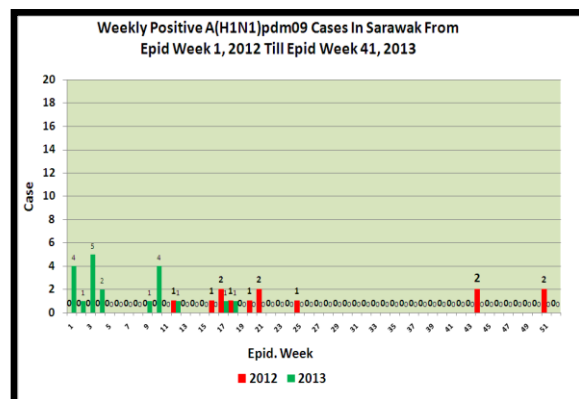
No	District	Number of cases
1	Lundu	1
2	Marudi	1
3	Limbang	2

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

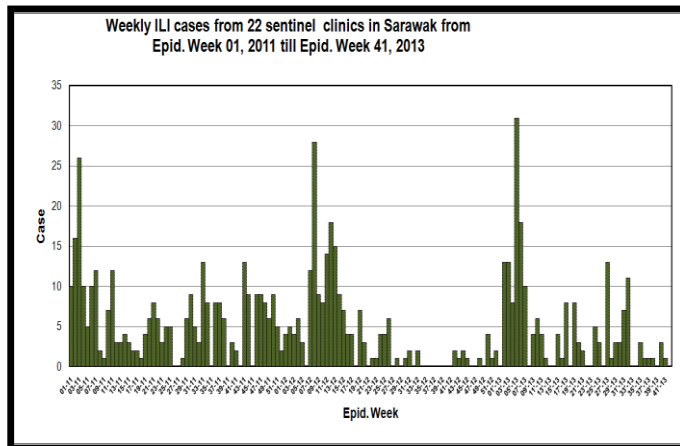
10.1.A/H1N1_{pdm09}

10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} as for Epid. Week 41, 2013 compared to Epid.Week41 ,2012 and cumulative cases in Epid.Week 41, in 2013.

District	2013		2012		Total
	EW 41	Cum.	EW 41	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

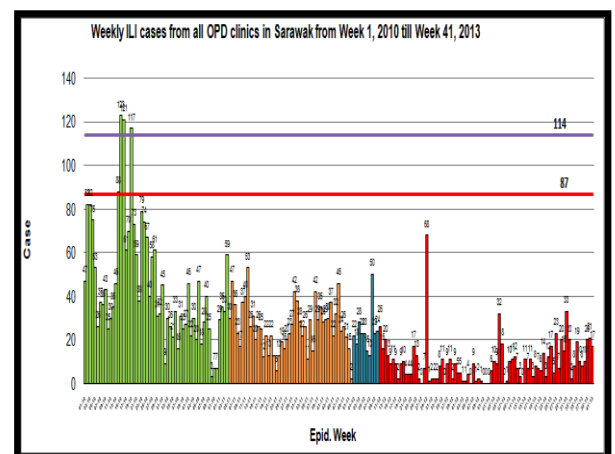
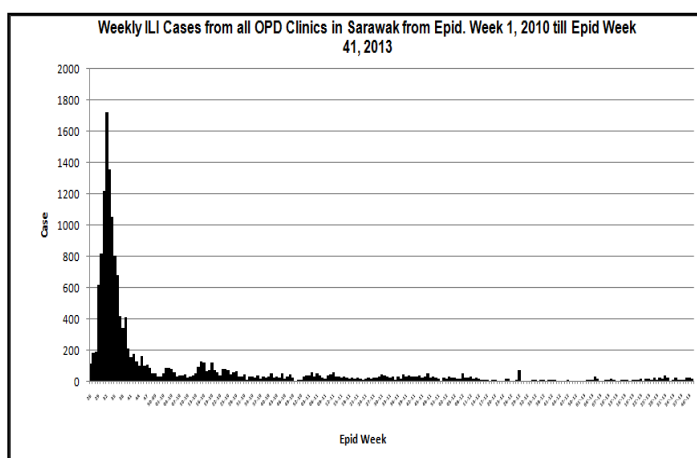


10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2011 till Epid.Week 41, in 2013.



There are 18 ILI cases in week 41 .

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).

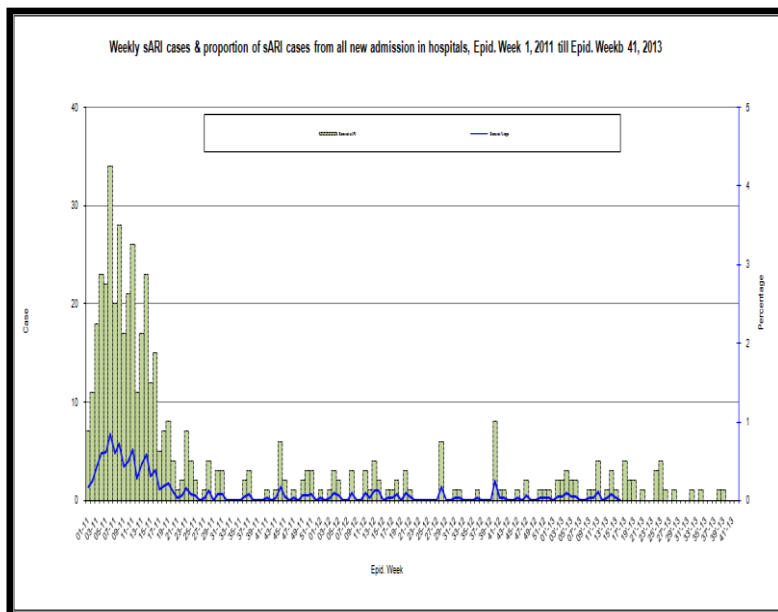


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 12th, October, 2013.

No ILI cluster reported in week 41. No sARI case reported in week 41.

10.1.4. Severe Acute Respiratory (sARI) Infection Cases



sARI is suspected when:

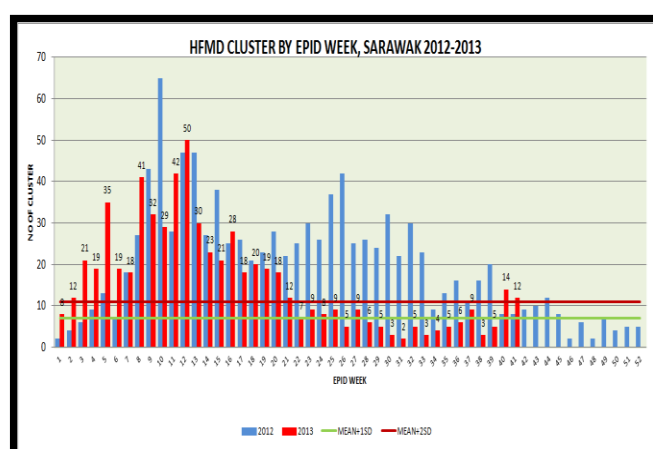
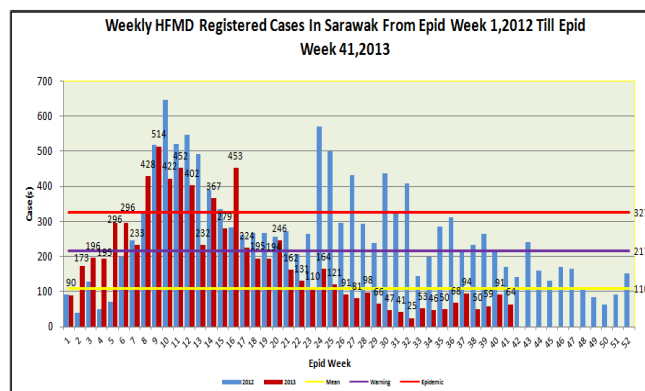
1. meets ILI case definition (sudden onset of fever $> 38^{\circ}\text{C}$ and cough or sore throat in the absence of other diagnosis, **AND**
2. shortness of breath or difficulty of breathing, **AND**
3. requires hospital admission (Disease Control Division, Ministry of Health, October 2009)

10.1.5. Weekly Summary Report on suspected H1N1 in Government Hospitals in Sarawak as on 12th October, 2013.

Division	Hospital	New EW 41	Cumulative 2013	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	0	49	0	0	0	0	0	0	0
	Bau	0	0	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
	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	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		0	58	0	0	0	0	0	0	0

10.2. Registered HFMD cases (based on e-Notifikasi) for Epid.Week 41, 2013 compared to Epid.Week41,2012 and cumulative cases until Epid.Week 41,2013.

District / Division	2013		2012		Total
	EW 41	Cum.	EW 41	Cum.	
Lundu	0	134	2	229	257
Bau	1	163	5	363	396
Kuching	3	1471	94	3589	3919
KUCHING	4	1768	101	4181	4572
Samarahan	0	203	0	669	670
Asajaya	1	26	0	78	97
Simunjan	0	78	6	194	220
Serian	4	259	0	694	742
SAMARAHAN	5	566	6	1635	1729
Sri Aman	2	194	3	468	485
Lubok Antu	0	30	0	80	77
SRI AMAN	2	224	3	548	562
Betong	0	69	4	336	385
Saratok	0	151	2	253	280
BETONG	0	220	6	589	665
Sarikei	0	244	4	502	480
Meradong	0	104	0	179	194
Pakan	2	63	0	85	91
Julau	0	78	0	127	131
SARIKEI	2	489	4	893	896
Daro	0	89	0	130	129
Matu	0	37	1	84	68
Dalat	3	101	0	113	113
Mukah	2	132	0	159	162
MUKAH	5	359	1	486	472
Sibu	13	900	13	849	936
Kanowit	1	98	0	46	46
Selangau	0	71	0	35	43
SIBU	14	1069	13	930	1025
Song	0	47	0	47	62
Kapit	1	164	17	397	419
Belaga	0	102	1	120	124
KAPIT	1	313	18	564	605
Tatau	3	21	0	97	98
Bintulu	2	363	7	801	913
BINTULU	5	384	7	898	1011
Miri	17	1683	6	1131	1195
Marudi	0	93	2	102	121
MIRI	17	1776	8	1233	1316
Limbang	5	291	0	449	104
Lawas	4	113	0	95	453
LIMBANG	9	404	0	544	557
SARAWAK	64	7572	167	12501	13410



EW = Epid. Week; Cum. = Cumulative figure

10.2.2.HFMD Clusters and closure

Cluster and Closure by Division

District	Category Of HFMD Cluster, Epid Week 41, 2013				Total	New Closure
	Family	Child Care Centre	Pre School	School		
Kuching	2	0	0	0	2	0
Serian	2	0	0	0	2	1
Dalat	1	0	1	0	2	0
Mukah	0	0	0	0	0	0
Sibu	1	0	1	0	2	0
Bintulu	1	0	0	0	1	0
Miri	1	0	1	0	2	0
Limbang	1	0	0	0	1	0
Sarawak	9	0	3	0	12	1

10.3. Notified Leptospirosis cases for Epid. Week 41, 2013 compared to Epid.Week 41, 2012 and cumulative cases until Epid.Week 41, in 2013.

District / Division	Case classification				Total EW (41) 2013	Total					
	Confirmed		Probable			2013	2012	2011			
	EW (41) 2013	EW (41) 2012	EW (41) 2013	EW (41) 2012							
Lundu	0	0	0	0	0	6	(2)	4		6	
Bau	0	0	0	1	0	7	(1)	9	(2)	5	(1)
Kuching	0	0	0	2	0	37	(1)	76	(2)	40	(2)
KUCHING	0	0	0	3	0	50		87	(4)	51	(3)
Samarahan	0	0	1	1	1	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	1	0	1	6	(1)	4		10	(2)
SAMARAHAN	0	0	2	1	2	19		20		24	(3)
Sri Aman	0	0	1	2	1	19		14		14	(2)
Lubok Antu	0	0	0	0	0	11		15		11	
SRI AMAN	0	0	1	2	1	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	1	0	1	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	1	0	1	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	2	(1)	0		3	
MUKAH	0	0	0	0	0	5		1		4	(1)
Sibu	0	0	0	1	0	5	(1)	2		2	
Kanowit	0	1(1)	0	2	0	7		6	(1)	4	
Selangau	0	0	0	0	0	2		2		3	
SIBU	0	1	0	3	0	14		10	(1)	9	
Song	0	0	0	0	0	4		1		1	
Kapit	0	0	0	0	0	5	(1)	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	1	0	1	46	(3)	7		10	(2)
BINTULU	0	0	1	0	1	62		9		11	(2)
Miri	0	0	0	0	0	51	(3)	10		16	(1)
Marudi	0	0	1	0	1	6	(1)	2		2	
MIRI	0	0	1	0	1	57		12		18	(1)
Limbang	0	0	1	1	1	8		21	(1)	2	(1)
Lawas	0	0	0	0	0	7		0		0	
LIMBANG	0	0	1	1	1	15		21	(1)	2	(1)
SARAWAK	0	1(1)	7	10	7	339	(18)	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 41, 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 41, 2013.

No	# District	Locality	* Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation	Case classification
1	Serian	Kpg Darul Fallah, Tebedu	SGH	37	Bidayuh	Female	01.01.2013	Acute renal failure secondary to thrombotic thrombocytopenia purpura	Housewife/Farmer	Probable
2	Miri	Long Miri, Ulu Baram	Miri	34	Kenyah	Male	09.01.2013	Severe sepsis with multiorgan failure secondary to leptospirosis	Welder	Confirmed
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 DIVC	Student	Confirmed
4	Bintulu	Muzako Tanjong Kindurong	Bintulu	31	Iban	Female	18.01.2013	Multiorgan failure secondary to dengue shock syndrome	Labourer	Probable
5	Miri	Kpg Dagang, Bekenu	Miri	55	Kedayan	Female	06.02.2013	Meningoencephalitis, associated multiorgan failure	Housewife	Confirmed
6	Mukah	Ladang Setuan Sdn. Bhd	Sibu	40	Indonesian	Male	16.02.2013	Acute kidney injury	Labourer	Confirmed
7	Pakan	Rh Umar, Lempa Antu	Sarikei	50	Iban	Male	04.03.2013	Severe sepsis with multiorgan failure	Not working	Probable
8	Sibu	Lorong Permai Timur 19	Sibu	12	Malay	Male	29-03-2013	Hepatorenal failure	Student	Confirmed
9	Bau	Kpg Sagah, Jln Sg Tengah Matang	SGH	73	Bidayuh	Male	18.04.2013	Cardiac arrest	Not working	Probable
10	Lundu	Kpg Judin, Sematan	SGH	15	Bidayuh	Female	26.04.2013	Multiorgan failure acute	Student	Probable
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
12	Kuching	Jln Chong Kiun Kong, Kenyalang Park	SGH	47	Malay	Male	27.06.2013	Sepsis multiorgan failure	Engineer	Probable
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
14	Bintulu	Sime Darby Plantation Sdn Bhd	Bintulu	41	Indonesian	Male	09.07.2013	Septic shock due to multiorgan failure	Laborer	Confirmed
15	Marudi	Kpg Narum, Marudi	Miri	44	Malay	Male	26.07.2013	Acute respiratory distress syndrome and acute renal failure	Security Guard	Probable
16	Miri	Jln Tanjung Batu, Pujut Padang Kerbau	Miri	45	Malay	Male	26.07.2013	Severe sepsis with multiorgan failure	Self employed	Probable
17	Betong	Sambas, Indonesia/ Ladang Dable Densty, Lidong	Betong	15	Indonesian	Female	30.08.2013	Dengue shock syndrome	Not working	Confirmed
18	Lundu	Kpg Tabuan Dayak	SGH	32	Chinese	Male	04.09.2013	Sepsis with multiorgan failure	Not working	Probable

10.4. Notified Melioidosis cases for Epid. Week 40, 2013 compared to Epid. Week 41,2012 and cumulative cases until Epid.Week 41,2013

District / Division	Case classification				Total	Total				
	Confirmed		Probable			2013	2012	2011		
	EW (41) 2013	EW (41) 2012	EW (41) 2013	EW (41) 2012						
Lundu	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	1	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	1	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	1		1		2
MUKAH	0	0	0	0	0	2		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	5	(1)	28		62 (3)
Belaga	0	0	0	0	0	2	(2)	0		21 (4)
KAPIT	0	0	0	0	0	7		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	2	0	0	6		2		7 (2)
Marudi	0	0	0	0	0	0		0		1
MIRI	0	0	2	0	0	6		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	2	1	0	45	(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 41, 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

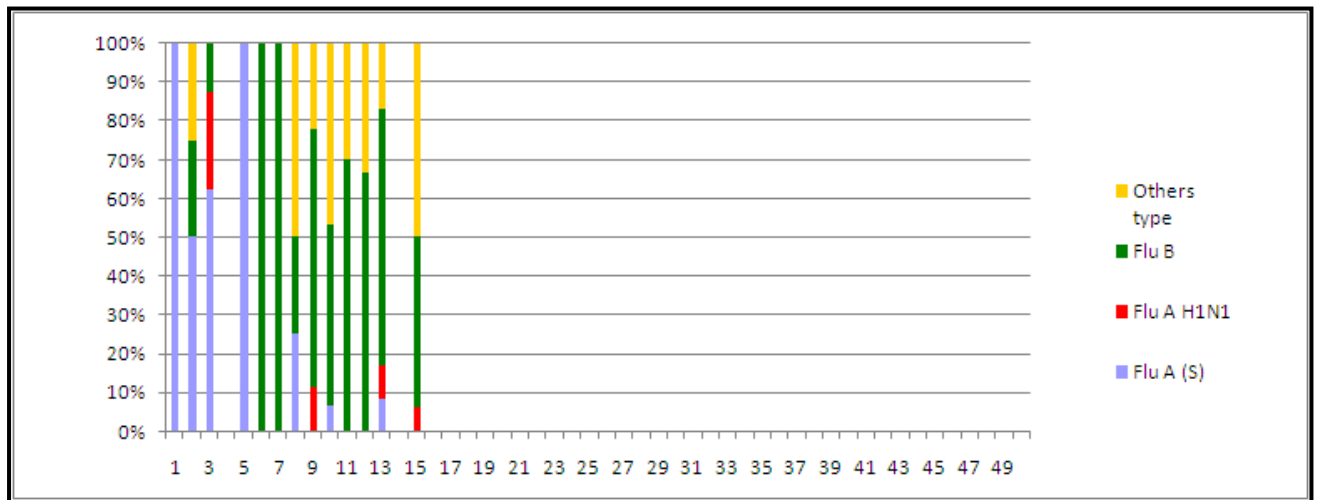
Note

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

® Hospital indicate facility where patient admitted

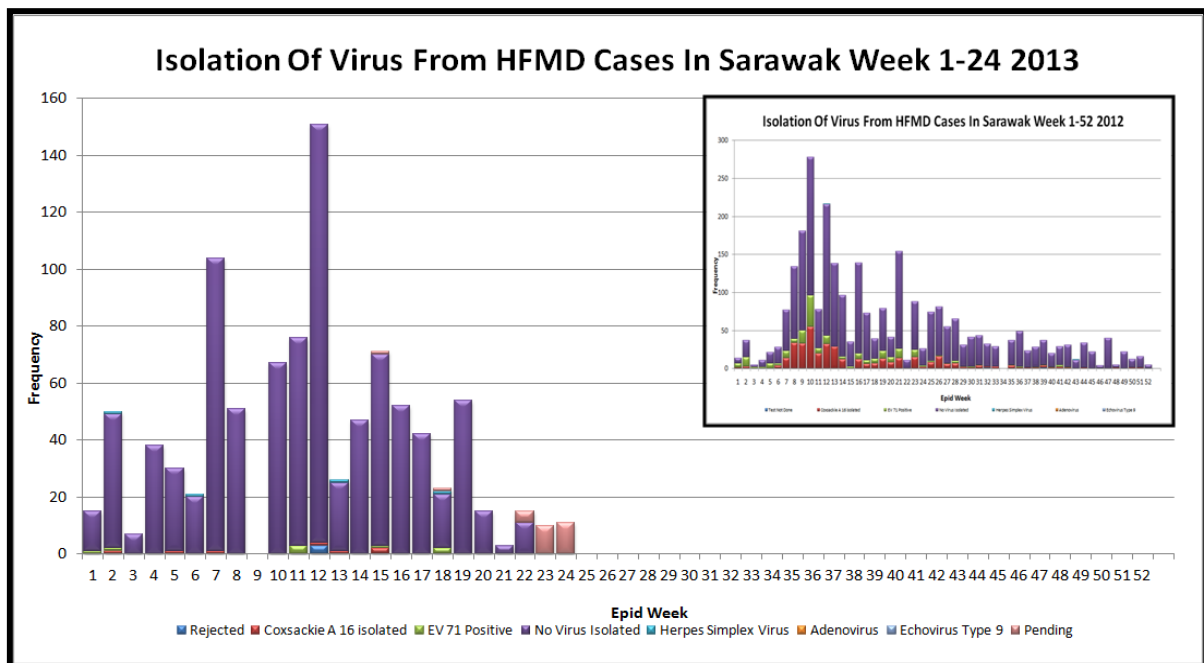
11. LABORATORY BASED SURVEILLANCE

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

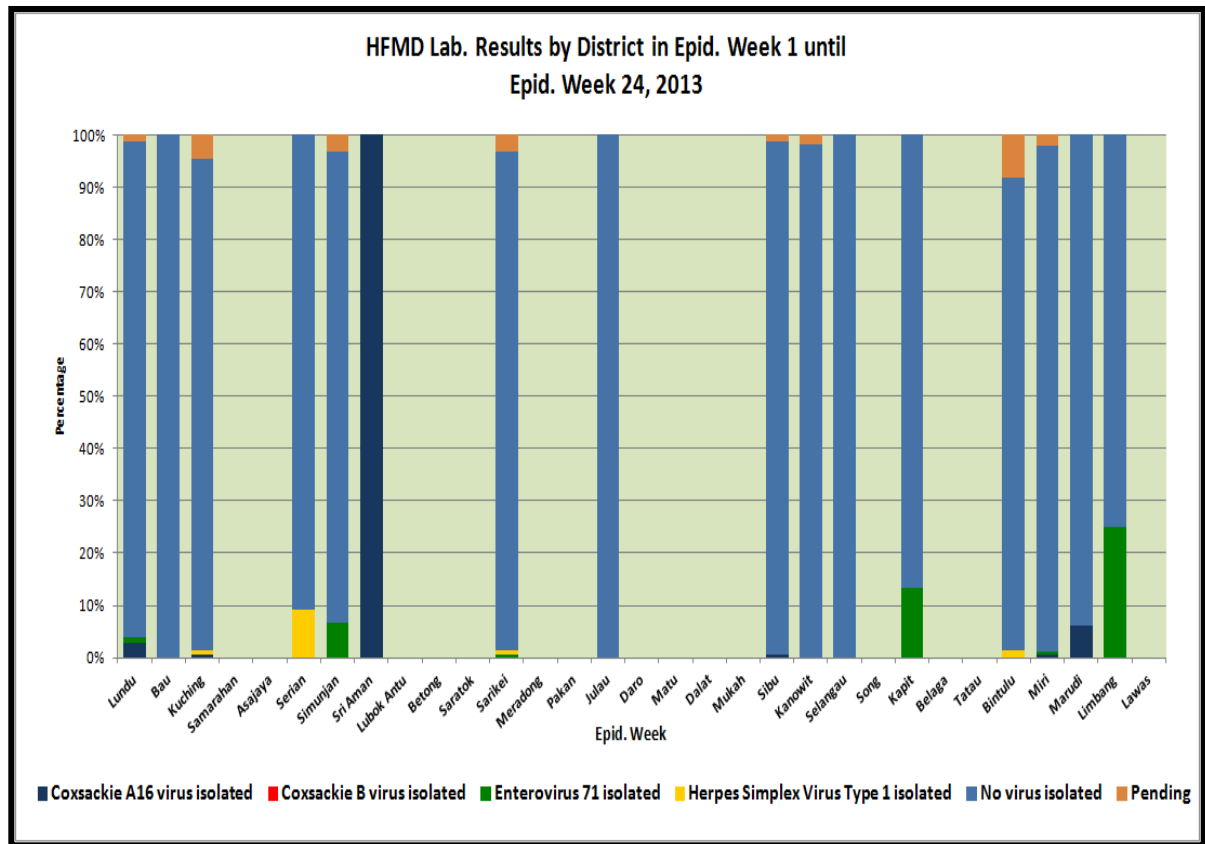


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

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
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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
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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.