



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

EPID. WEEK 35

26th Aug – 01st Sept 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

HFMD Outbreak
Food Poisoning
Dengue Outbreak

INSIDE

Topic	Page
Infectious disease/crisis highlights in Sarawak	1
New outbreaks/clusters	2
Summary mandatory notifiable diseases	3
Food-Water Borne Diseases	4
Vaccine Preventable Diseases	6
HIV/AIDS and STI	8
Tuberculosis and Leprosy	10
Vector Borne Diseases	13
Other Infectious Diseases	17
Emerging/Re-emerging Infectious and Zoonotic Diseases	18
Laboratory based surveillance	29



SARAWAK
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

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2. NEW OUTBREAKS/CLUSTERS

No	Disease	District	Locality	Case (No)	Outbreak declared
1	Food Poisoning	Kuching	Maktab Perguruan Batu Lintang, Kuching	46	31 st August 2012
2		Miri	No. 19a, Rh. Ramba, Sg. Liam, Miri.	2	31 st August 2012
2	Dengue	Bau	Tmn. Dayu, Sebuku	2	20 th August 2012
3		Bintulu	Kemena Commercial Centre	2	21 th August 2012
4		Bintulu	Tmn. Lucky Tower	2	24 th August 2012
5		Julau	Rh. Eddy Jemat, Ng. Kelangas	2	22 th August 2012

Summary:

2.1 Food Poisoning

The food poisoning outbreak in Kuching district involving students was related to 'Rendang Ayam and Chicken Curry'. The suspected agent is *Clostridium perfringens enteritis* and *E. Coli*.

In Miri district involving family members was related to 'pork and cucumber'. The suspected agent is *Staphylococcus spp.*

2.1 HFMD CLUSTERS SUMMARY

Division	Category of Cluster				Total
	Family	School	Kindergarten	Child Care Centre	
Kuching	5	0	0	0	5
Samarahan	1	0	0	0	1
Sri Aman	1	0	0	0	1
Betong	2	0	0	0	2
Sarikei	1	0	0	0	1
Mukah	0	0	0	0	0
Sibu	0	0	0	0	0
Kapit	0	0	0	0	0
Bintulu	0	0	0	0	0
Miri	3	0	0	0	3
Limbang	0	0	0	0	0
Total	13	0	0	0	13

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 35, 2012

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											2				1					2							
Bau						1					8																
Kuching	4/3					1			46	4	73		1						2	21							
Samarahan											10									1							
Asajaya											1																
Simunjan											1																
Serian											10									3							
Sri Aman						4					8																
L/ Antu						2														1							
Betong						5					9		3														
Saratok											11																
Sarikei						1					9											2					
Meradong	1/1					1					4																
Pakan																											
Julau						1							1														
Daro																											
Matu																											
Dalat																											
Mukah						1					4																
Sibu										1	34		1							1							
Kanowit						1				1	1		2							1							
Selangau											1		2							1							
Song						2							3														
Kapit						4					3		5							1							
Belaga											12		1							1							
Tatau						1					1																
Bintulu						4					9																
Miri						4			2		26																
Marudi						1							5														
Limbang											1																
Lawas																											
TOTAL (Week 35)	5/4	0	0	0	0	34	0	0	48	6	238	0	24	0	1	0	0	0	2	0	33	2	0	0	0	0	0
Total (2012)	102/62	0	0	111	0	672	10	0	1140	286	11229	33	784	3	155	0	0	0	160	1	1346	11	0	85	2	0	173
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	0

* 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. New case reported

Two food poisoning occurred at Maktab Perguruan Batu Lintang, Kuching and No. 19a, Rh. Ramba, Sg. Liam, Miri.

Two (2) confirmed typhoid and No Paratyphoid case were reported in Epid. Week 35, 2012. Two cases reported with one cluster detected in Epid. Week 35, 2012. Cluster detected at Rh. Maying, Lubok Besai, Sg. Engkabang, Entaih, Pakan. Cluster involved 2 cases (all positive Blood C&S). All positive specimen contributed by PCD.

One suspected typhoid & paratyphoid case were reported in Epid. Week 35, 2012. As at 1st September 2012, a total of seven (7) confirmed typhoid and four (4) confirmed paratyphoid cases were reported.

4.2. Cumulative cases from Epid Week 1-35, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	10	14	1	12	3	0	0	2
Samarahan	7	9	0	1	0	0	0	0
Sri Aman	2	1	0	0	3	0	0	0
Betong	4	4	1	1	0	0	0	0
Sarikei	6	23	5	4	4	0	0	0
Sibu	4	5	1	2	0	0	0	1
Kapit	1	7	0	2	0	0	0	0
Mukah	4	1	2	2	1	1	0	0
Bintulu	2	11	0	0	0	110	0	0
Miri	8	4	0	0	0	0	0	0
Limbang	1	1	0	0	0	0	0	0
Sarawak	52	80	10	24	11	111	0	3

Note: S = Suspected; C = Confirmed

Note:

- Out of 52 food poisoning outbreak, five were related to Susu 1 Malaysia and seven were related to mushroom poisoning.
- The etiological agent for ten confirmed dysentery cases are *Enteropathogenic e coli* (Mukah and Sarikei), *Shewanella putrefaciens* (Saratok), *Shigella sp* (Dalat), *Pleiomonas shigelloidis* (Kuching), *Shigella Sonnei* (Sibu), *Salmonella* (Meradong-4).
- Out of eleven
- Eleven confirmed typhoid cases, four are *Salmonella paratyphii* and seven are *Salmonella typhii*.
- Out of 1133 suspected cholera outbreak in Bintulu, 110 were confirmed cholera.
- 1 case of Cholera reported from Mukah district.

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. New case reported

One suspected measles cases reported from Kuching district.

5.2. Total number of Vaccine Preventable Diseases Reported by division from Epid Week 1-35, 2012

Division	TYPES OF DISEASES								
	Measles					Rubella	Tetanus	Whooping Cough	
	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirmed	C	S	C
		Lab. Confirmed	Clinically Confirmed	Epid. Link					
Kuching	97	24	3	10	22	2	0	15	3
Samarahan	17	2	0	1	10	0	0	0	0
Sri Aman	22	3	1	0	12	2	0	0	0
Betong	9	3	0	0	1	0	0	0	0
Sarikei	53	3	0	0	28	0	0	1	0
Sibu	3	2	0	0	1	0	0	6	0
Kapit	6	0	0	0	3	0	0	2	0
Mukah	1	0	0	0	0	0	0	0	0
Bintulu	138	33	1	13	36	19	1	0	0
Miri	177	47	0	0	89	1	0	8	0
Limbang	19	7	0	0	5	0	0	0	0
Sarawak	542	124	5	24	206	24	1	32	3

Note: S = suspected; C = confirmed

Case Definition of measles:

Any person with

Fever and maculopapular rash and; conjunctivitis or cough or coryza

Or

Any person in whom a clinician suspects a measles infection.

Source: Measles Prevention and Control in Malaysia. Handbook for Healthcare Personnel,
MOH, December 2006

5.2.1. Measles Elimination Programme (MEP) Achievement by Division in Epid. Week 35, 2012

Division	No. Of cases	Indicator High Quality Surveillance (>80%)		
		% of Suspected cases Notified within 24 hours	% of suspected cases with adequate Investigation within 48 hours of notification	% of suspected cases with adequate blood specimens
Kuching	1	1(100%)	1(100%)	1(100%)
Samarahan	0	-	-	-
Sri Aman	0	-	-	-
Betong	0	-	-	-
Sarikei	0	-	-	-
Sibu	0	-	-	-
Kapit	0	-	-	-
Mukah	0	-	-	-
Bintulu	0	-	-	-
Miri	0	-	-	-
Limbang	0	-	-	-
Sarawak	1	1(100%)	1(100%)	1(100%)

Strategies of MEP:

- Measles Incidence Rate < 1/1 million population
- Effective Enhanced Surveillance Programme
- Measles Vaccination coverage > 95%

5.4. Acute Flaccid Paralysis (AFP)

Cumulative cases of AFP reported in 2012 is four from Kuching (1), Serian(1), Bintulu(1) and Miri(1) district. Expected number for AFP in Sarawak is seven. Three cases are discard as category 1.

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 35, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 35, 2012.

District / Division	2012			
	EW 35		Cumulative	
	HIV	AIDS	HIV	AIDS
Lundu	0	0	0	0
Bau	0	0	1	0
Kuching	4	3	28	16
KUCHING	4	3	29	16
Samarahan	0	0	3	2
Asajaya	0	0	2	1
Simunjan	0	0	3	1
Serian	0	0	2	2
SAMARAHAN	0	0	8	5
Sri Aman	0	0	2	2
LubokAntu	0	0	0	0
SRI AMAN	0	0	1	1
Betong	0	0	0	0
Saratok	0	0	0	0
BETONG	0	0	0	0
Sarikei	0	0	1	1
Meradong	1	1	2	2
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	1	1	3	3
Daro	0	0	0	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	1	0
MUKAH	0	0	1	0
Sibu	0	0	9	9
Kanowit	0	0	1	0
Selangau	0	0	0	0
SIBU	0	0	10	9
Song	0	0	0	0
Kapit	0	1	0	2
Belaga	0	0	0	0
KAPIT	0	1	0	2
Tatau	0	0	0	0
Bintulu	0	0	2	2
BINTULU	0	0	2	2
Miri	0	0	12	4
Marudi	0	0	0	0
MIRI	0	0	12	4
Limbang	0	0	2	3
Lawas	0	0	2	1
LIMBANG	0	0	4	4
Sarawak	5	4	102	64

Five HIV cases reported from Kuching(4) and Meradong(1) district. Four AIDS cases reported from Kuching(3) and Meradong(1) district in Epid Week 35,2012.

EW = Epid. Week; Cum. = Cumulative figure

3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 35, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid.Week 35, 2012.

District / Division	Gonorrhoea		Syphilis (all forms)	
	EW 35	Cum.	EW 35	Cum.
Lundu	0	4	0	3
Bau	0	7	0	2
Kuching	4	128	2	56
KUCHING	4	139	2	61
Samarahan	0	18	0	12
Asajaya	0	13	0	6
Simunjan	0	6	0	4
Serian	0	7	0	1
SAMARAHAN	0	44	0	23
Sri Aman	0	4	0	15
LubokAntu	0	1	0	4
SRI AMAN	0	5	0	19
Betong	0	2	0	1
Saratok	0	0	0	0
BETONG	0	2	0	1
Sarikei	0	2	0	3
Meradong	0	2	0	0
Pakan	0	0	0	0
Julau	0	1	0	1
SARIKEI	0	5	0	4
Daro	0	4	0	2
Matu	0	8	0	0
Dalat	0	0	0	0
Mukah	0	8	0	3
MUKAH	0	20	0	5
Sibu	1	35	0	26
Kanowit	1	1	0	0
Selangau	0	2	0	1
SIBU	2	36	0	27
Song	0	0	0	0
Kapit	0	2	0	3
Belaga	0	0	0	0
KAPIT	0	2	0	3
Tatau	0	0	0	0
Bintulu	0	4	0	4
BINTULU	0	4	0	4
Miri	0	18	0	6
Marudi	0	3	0	1
MIRI	0	21	0	7
Limbang	0	4	0	4
Lawas	0	2	0	2
LIMBANG	0	6	0	6
Sarawak	6	286	2	160

Gonorrhoea

Six cases reported in Epid Week 35, 2012 from Kuching(4), Sibu(1) and Kanowit(1) district.

Syphilis

Two cases reported in Epid Week 35, 2012 from Kuching district.

EW = Epid. Week; Cum. = Cumulative figure

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

7.1 Notified Tuberculosis cases for Epid. Week 35, 2012 compared to Epid. Week 35, 2011 and cumulative cases until Epid. Week 35, 2012.

District / Division	2012		2011		Total
	EW 35	Cum.	EW 35	Cum.	
Lundu	2	21	0	13	22
Bau	0	28	1	31	42
Kuching	21	286	2	233	365
KUCHING	23	335	3	277	429
Samarahan	1	16	0	30	46
Asajaya	0	10	0	15	29
Simunjan	0	26	0	23	37
Serian	3	25	1	39	61
SAMARAHAN	4	77	1	107	173
Sri Aman	0	36	0	34	58
LubokAntu	1	21	0	35	49
SRI AMAN	1	57	0	69	107
Betong	0	32	0	30	43
Saratok	0	30	0	32	55
BETONG	0	62	0	62	98
Sarikei	0	32	0	34	51
Meradong	0	26	0	17	29
Pakan	0	14	0	14	22
Julau	0	15	0	17	22
SARIKEI	0	87	0	82	124
Daro	0	13	0	20	27
Matu	0	1	0	3	4
Dalat	0	5	0	9	14
Mukah	0	37	2	29	44
MUKAH	0	56	2	61	89
Sibu	1	144	1	115	175
Kanowit	1	26	0	20	42
Selangau	1	24	0	24	32
SIBU	3	194	1	159	249
Song	0	10	1	14	23
Kapit	1	36	2	35	60
Belaga	1	26	0	34	40
KAPIT	2	72	3	83	123
Tatau	0	22	1	29	43
Bintulu	0	94	1	129	187
BINTULU	0	116	2	158	230
Miri	0	196	3	211	306
Marudi	0	44	0	44	61
MIRI	0	240	3	255	367
Limbang	0	31	1	31	42
Lawas	0	19	0	18	24
LIMBANG	0	50	1	49	66
Sarawak	33	1346	16	1362	2055

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 35, 2012 compared to Epid. Week 35, 2011 and cumulative cases until Epid. Week 35, 2012.

District / Division	2012		2011		Total
	EW 35	Cum.	EW 35	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	1	3
KUCHING	0	0	0	1	3
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	1	0	0	0
Serian	0	0	0	0	0
SAMARAHAN	0	1	0	0	0
Sri Aman	0	0	0	0	0
LubokAntu	0	0	0	0	0
SRI AMAN	0	0	0	0	0
Betong	0	0	0	0	0
Saratok	0	0	0	0	0
BETONG	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Pakan	0	3	0	0	0
Julau	0	0	0	0	0
SARIKEI	0	3	0	0	0
Daro	0	0	0	0	0
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	3	0	0	1
MUKAH	0	3	0	0	1
Sibu	0	5	0	1	1
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
SIBU	0	4	0	1	1
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	3	6
KAPIT	0	1	0	3	6
Tatau	0	0	0	0	0
Bintulu	0	2	0	1	1
BINTULU	0	2	0	1	1
Miri	0	11	0	0	4
Marudi	0	6	0	0	5
MIRI	0	17	0	0	9
Limbang	0	1	0	3	4
Lawas	0	0	0	0	0
LIMBANG	0	1	0	4	4
Sarawak	0	33	0	10	25

7.3 Notified Tuberculosis (all forms) Case Classification as on 1st September 2012

District / Division	Case classification					
	Positive smear		Negative smear		Extra PTB	
	EW 35	Cum.	EW 35	Cum.	EW 35	Cum.
Lundu	2	15	0	2	0	4
Bau	0	23	0	5	0	0
Kuching	10	170	8	86	3	30
KUCHING	12	208	8	93	3	34
Samarahan	1	15	0	0	0	1
Asajaya	0	5	0	2	0	3
Simunjan	0	21	0	4	0	1
Serian	0	17	3	5	0	3
SAMARAHAN	1	58	3	11	0	8
Sri Aman	0	26	0	6	0	4
LubokAntu	1	18	0	2	0	1
SRI AMAN	1	44	0	8	0	5
Betong	0	26	0	2	0	4
Saratok	0	26	0	3	0	1
BETONG	0	52	0	5	0	5
Sarikei	0	18	0	7	0	7
Meradong	0	15	0	11	0	0
Pakan	0	4	0	8	0	2
Julau	0	6	0	9	0	0
SARIKEI	0	43	0	35	0	9
Daro	0	11	0	2	0	0
Matu	0	1	0	0	0	0
Dalat	0	5	0	0	0	0
Mukah	0	28	0	5	0	4
MUKAH	0	45	0	7	0	4
Sibu	1	95	0	29	0	20
Kanowit	1	17	0	4	0	5
Selangau	1	15	0	3	0	6
SIBU	3	127	0	36	0	31
Song	0	6	0	3	0	1
Kapit	0	18	0	7	1	11
Belaga	1	15	0	5	0	6
KAPIT	1	39	0	15	1	18
Tatau	0	13	0	8	0	1
Bintulu	0	52	0	38	0	4
BINTULU	0	65	0	46	0	5
Miri	0	144	0	38	0	14
Marudi	0	27	0	11	0	6
MIRI	0	171	0	49	0	20
Limbang	0	28	0	2	0	1
Lawas	0	12	0	1	0	6
LIMBANG	0	40	0	3	0	7
Sarawak	18	892	11	308	4	146

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

33 cases were reported in Epid Week 35,2012. As on 1st September 2012, the cumulative is 1346.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 1st September 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 35	Cum.	*Exposed		*Not exposed		EW 35	Cum.	EW 35	Cum.	EW 35	Cum.
			EW 35	Cum.	EW 35	Cum.						
Lundu	0	0	0	0	0	0	0	0	2	2	0	0
Bau	0	0	0	1	0	0	0	0	0	0	0	0
Kuching	0	2	0	3	0	0	0	2	0	11	0	0
KUCHING	0	2	0	4	0	0	0	2	2	14	0	0
Samarahan	0	0	0	0	0	0	0	0	0	1	0	0
Asajaya	0	0	0	0	0	0	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0	0	0	0	2	0	0
Serian	0	2	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	0	2	0	0	0	0	0	0	0	3	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	0	0	0
LubokAntu	0	1	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	1	0	0	0	0	0	0	0	0	0	0
Betong	0	0	0	0	0	0	0	0	0	9	0	0
Saratok	0	0	0	0	0	0	0	0	0	0	0	0
BETONG	0	0	0	0	0	0	0	0	0	9	0	0
Sarikei	0	0	0	2	0	0	0	0	0	2	0	0
Meradong	0	2	0	0	0	0	0	0	0	0	0	0
Pakan	0	0	0	0	0	0	0	0	0	0	0	0
Julau	0	0	0	0	0	0	0	0	0	0	0	0
SARIKEI	0	2	0	2	0	0	0	0	0	2	0	0
Daro	0	0	0	0	0	0	0	0	0	2	0	0
Matu	0	0	0	0	0	0	0	0	0	0	0	0
Dalat	0	0	0	1	0	0	0	0	0	0	0	0
Mukah	0	1	0	0	0	0	0	0	0	2	0	0
MUKAH	0	1	0	1	0	0	0	0	0	4	0	0
Sibu	0	6	0	2	0	0	0	1	0	3	0	0
Kanowit	0	0	0	0	0	0	0	0	0	1	0	0
Selangau	0	3	0	0	0	0	0	0	0	3	0	0
SIBU	0	9	0	2	0	0	0	1	0	7	0	0
Song	0	0	0	0	0	0	0	0	0	0	0	0
Kapit	1	6	0	0	0	0	0	0	0	0	0	0
Belaga	0	1	0	1	0	0	0	0	0	1	0	0
KAPIT	0	7	0	1	0	0	0	0	0	1	0	0
Tatau	0	0	0	0	0	0	0	0	0	16	0	0
Bintulu	0	7	0	1	0	0	0	0	0	16	0	0
BINTULU	0	7	0	1	0	0	0	0	0	32	0	0
Miri	0	2	0	2	0	0	0	1	0	15	0	0
Marudi	0	5	0	0	0	0	0	0	0	2	0	0
MIRI	0	7	0	2	0	0	0	1	0	17	0	0
Limbang	0	1	0	0	0	0	0	0	0	0	0	0
Lawas	0	0	0	0	0	0	0	0	0	0	0	0
LIMBANG	0	1	0	0	0	0	0	0	0	0	0	0
Sarawak	1	39	0	13	0	0	0	4	2	89	0	0

EW = Epid. Week; Cum. = Cumulative figure; KKM=Ministry of Health Malaysia

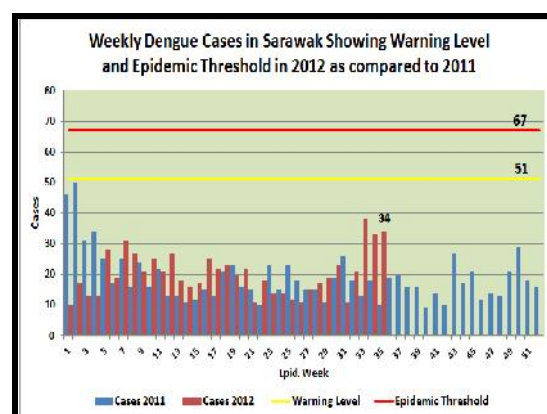
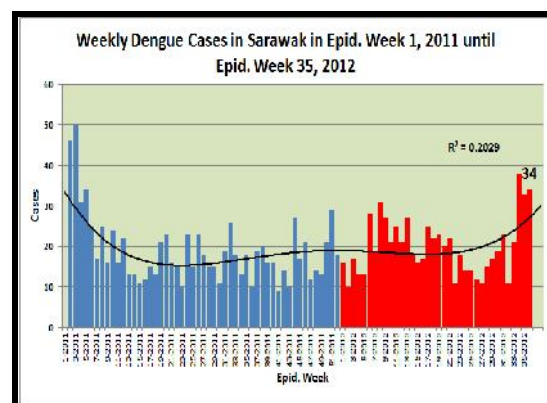
* Possibility of exposed or not exposed to TB patient

Figure for TB notified cases are based on registered TB cases in e-Notifikasi system.

8. SURVEILLANCE REPORT ON VECTOR BORNE DISEASES

8.1. Notified Dengue cases for Epid. Week 35, 2012 compared to Epid. Week 35, 2011 and cumulative cases until Epid. Week 35, 2012.

District	2012		2011		Total
	EW 35	Cum.	EW 35	Cum.	
Lundu	0	9	0	9	10
Bau	1	19	0	19	36
Kuching	1	94	0	77	106
Samarahan	0	27	0	15	21
Asajaya	0	4	0	4	4
Serian	0	10	0	12	18
Simunjan	0	11	0	9	19
Sri Aman	4	29	0	35	56
Lubok Antu	2	15	0	16	23
Betong	5	37	0	10	13
Saratok	0	18	0	5	11
Sarikei	1	25	1	17	28
Meradong	1	16	0	10	14
Pakan	0	23	1	14	23
Julau	1	19	1	12	17
Daro	0	4	0	6	6
Matu	0	0	0	1	1
Dalat	0	7	0	2	3
Mukah	1	6	0	4	5
Sibu	0	32	1	54	75
Kanowit	1	11	0	22	31
Selangau	0	4	0	7	10
Song	2	10	0	10	10
Kapit	4	40	0	27	32
Belaga	0	12	0	20	27
Tatau	1	22	0	30	47
Bintulu	4	59	1	86	100
Miri	4	95	0	84	134
Marudi	1	26	3	43	59
Limbang	0	10	2	16	20
Lawas	0	12	0	6	15
Sarawak	34	706	10	682	974



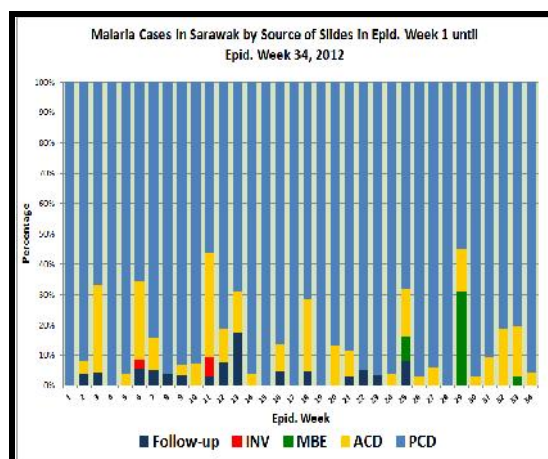
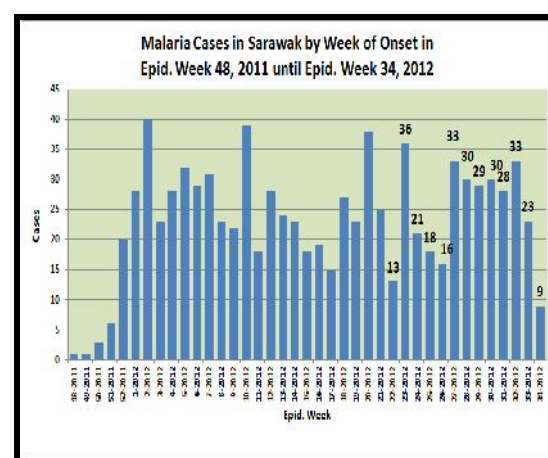
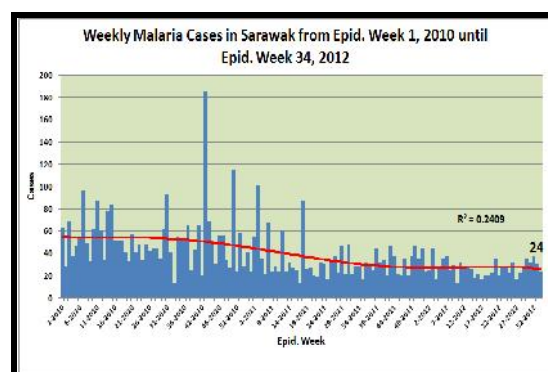
In 2012, a total of 34 dengue cases were reported for Week 35 (01st September, 2012) as compared to 10 cases during the same period in 2011. There is an increased of 1 case from the previous week (Week 34,2012). One (1) new outbreak locality reported from Sri Aman. Bintulu (2), Bau(1) and Lawas(1).

Six (6) outbreak localities were still active reported, in Betong(1), Bintulu (2), Lubok Antu(1), Julau(1), dan Bau(1).

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria cases for Epid. Week 34, 2012 compared to Epid. Week 34, 2011 and cumulative cases until Epid. Week 34 in 2012.

District	2012		2011		Total
	EW 34	Cum.	EW 34	Cum.	
Lundu	0	9	2	24	33
Bau	0	0	0	3	5
Kuching	1	17	0	13	23
Samarahan	0	3	1	2	3
Asajaya	0	0	0	0	1
Serian	0	4	0	16	21
Simunjan	0	2	0	2	2
Sri Aman	0	10	0	9	17
Lubok Antu	0	21	1	13	25
Betong	3	35	2	26	47
Saratok	0	14	0	1	3
Sarikei	0	15	0	15	16
Meradong	0	4	0	8	9
Pakan	0	29	1	16	29
Julau	1	46	3	47	69
Daro	0	4	0	1	2
Matu	0	1	0	0	2
Dalat	0	3	0	8	10
Mukah	0	2	0	2	2
Sibu	1	51	0	27	52
Kanowit	2	41	1	56	89
Selangau	2	22	0	10	16
Song	3	56	3	43	78
Kapit	5	125	2	141	230
Belaga	1	81	2	89	139
Tatau	0	16	2	20	34
Bintulu	0	20	0	29	39
Miri	0	20	0	21	40
Marudi	5	192	6	472	670
Limbang	0	19	0	12	21
Lawas	0	45	0	25	34
Sarawak	24	907	26	1151	1761



A total of 24 cases were reported on week 34, 2012. Cumulative cases till week 34 were 907 cases. Of the 907 cases, 192 cases (21%) from Marudi District, 125 cases (14%) from Kapit District and 81 cases (9%) Belaga District.

Notes: 1) EW = Epid. Week; Cum. = cumulative figure; 2) **All Malaria cases should be notified within 24 hours (Source: Vector Borne Disease Control Section, Sarawak Health Department)**

8.2.1. Malaria cases by slide source

Slides source	2012	
	EW 34	Cum.
Passive Case Detection (PCD)	23	780
Active Case Detection (ACD)	1	90
Investigation slides (INV)	0	3
Mass Blood Survey (MBS)	0	10
Follow-up	0	24
Total	24	907

8.2.2. Malaria cases by species

Species	2012	
	EW 34	Cum.
<i>P. vivax</i>	6	306
<i>P. falciparum</i>	0	51
<i>P. malariae</i>	0	6
<i>P. knowlesi</i>	18	537
<i>P. ovale</i>	0	4
Mixed	0	3
Total	24	907

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 34	Cum.
Indigenous	20	720
*Imported A	4	150
Relapsed	0	37
Congenital	0	0
Total	24	907

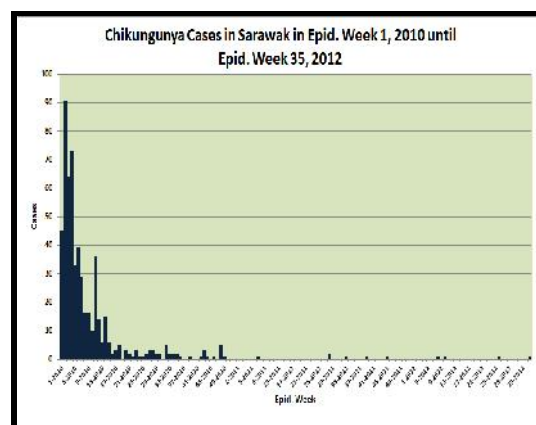
8.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Species
1	Betong	Yiew Ming Electrical, Pakistan	Pakistan	24	Male	<i>P. Vivax</i>
2	Sibu	Mumbai, India	Indian	22	Male	<i>P. Vivax</i>
3	Kapit	KKB Demerawa Timber Limited, Gyuayana, Brazil	Malaysian	42	Male	<i>P. Vivax</i>
4	Selanggau	KKB Vanimo Jaya, PNG	Malaysian	36	Male	<i>P. Vivax</i>

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 35, 2012 compared to Epid. Week 35, 2011 and cumulative cases until Epid. Week 35 in 2012.

District	2012		2011		Total
	EW 35	Cum.	EW 35	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	1	1
Samarahan	0	0	0	0	0
Asajaya	0	1	0	0	1
Serian	0	0	0	1	1
Simunjan	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	1	1	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Pakan	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	1
Matu	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
Selangau	0	0	0	0	0
Song	0	1	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	0	0
Tatau	0	0	0	0	0
Bintulu	0	0	0	0	0
Miri	0	0	0	0	0
Marudi	0	0	0	1	1
Limbang	0	0	0	0	0
Lawas	0	0	0	0	0
Sarawak	1	4	0	4	6



Chikungunya

One case of Chikungunya was reported in week 35, 2012. During the same period in 2011, no case was reported. The cumulative case of Chikungunya for 2012 is 4.

EW = Epid. Week; Cum. = Cumulative figure

8.4. Filariasis

No case of Filariasis was reported in week 35, 2012. During the same period in 2011, no case was reported. The cumulative case of Filariasis for 2012 is 11 cases.

8.5 Japanese Encephalitis (JE)

No case of Japanese Encephalitis (JE) was reported in week 35, 2012. During the same period in 2011, no case was reported. The cumulative case of Japanese Encephalitis for 2012 is remained 5.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No case reported. As at 1st September 2012, only one case of Viral Encephalitis reported.

9.2. Viral Hepatitis (all form)

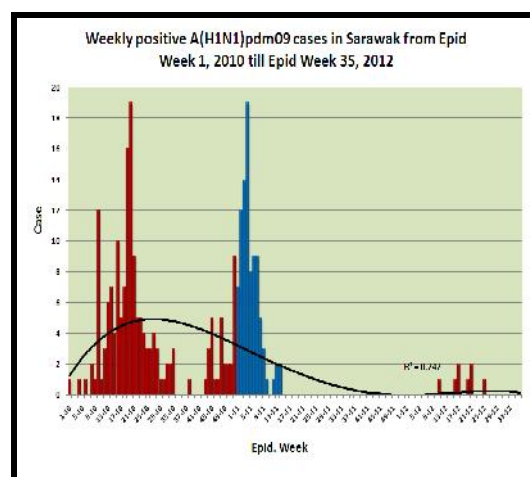
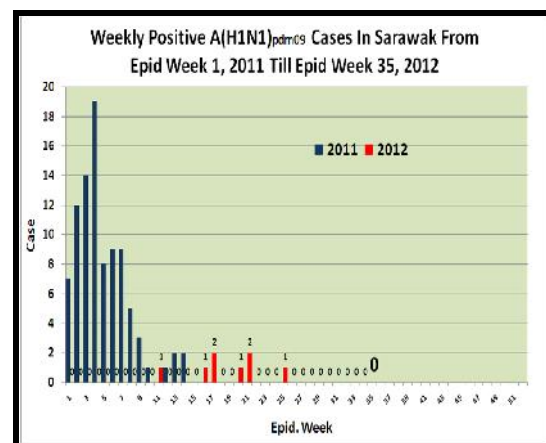
No case reported in Epid Week 35, 2012. As at 1st August 2012, out of 85 viral hepatitis reported, two are Hepatitis A, 15 Acute Hepatitis B, 38 Chronic Hepatitis B, seven Acute Hepatitis C and 23 Chronic Hepatitis C.

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 35, 2012 compared to Epid. Week 35, 2011 and cumulative cases until Epid. Week 35 in 2012.

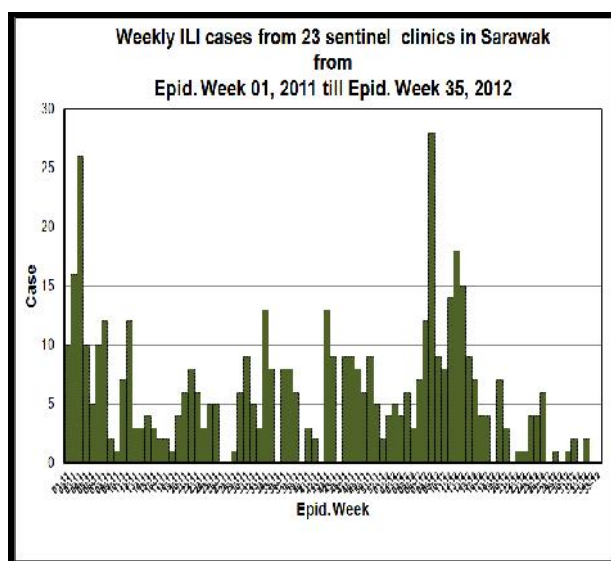
District	2012		2011		Total
	EW 35	Cum.	EW 35	Cum.	
Lundu	0	0	0	2	2
Bau	0	0	0	0	0
Kuching	0	2	0	51	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	1	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	0	1	1
Kanowit	0	0	0	0	0
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	1	0	2	2
Tatau	0	1	0	0	0
Bintulu	0	4	0	26	26
Miri	0	0	0	6	6
Marudi	0	0	0	0	0
Limbang	0	0	0	2	2
Lawas	0	0	0	1	1
SARAWAK	0	8	0	92	92



No positive case reported in Epid. Week 35, 2012. Total positive cases in 2012 remain as eight.

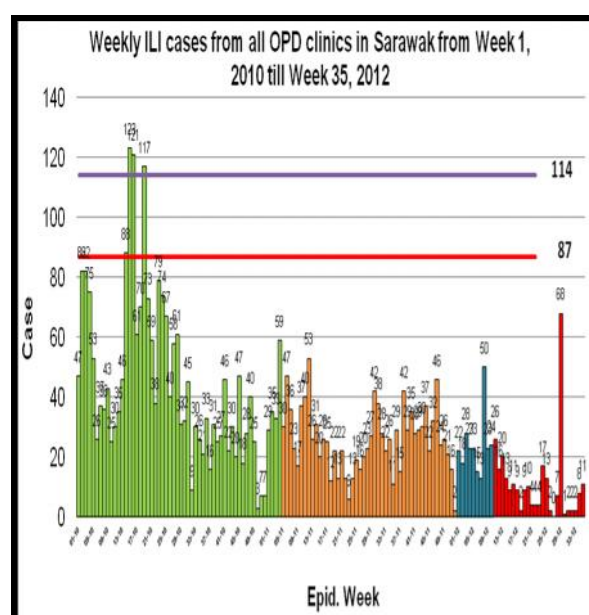
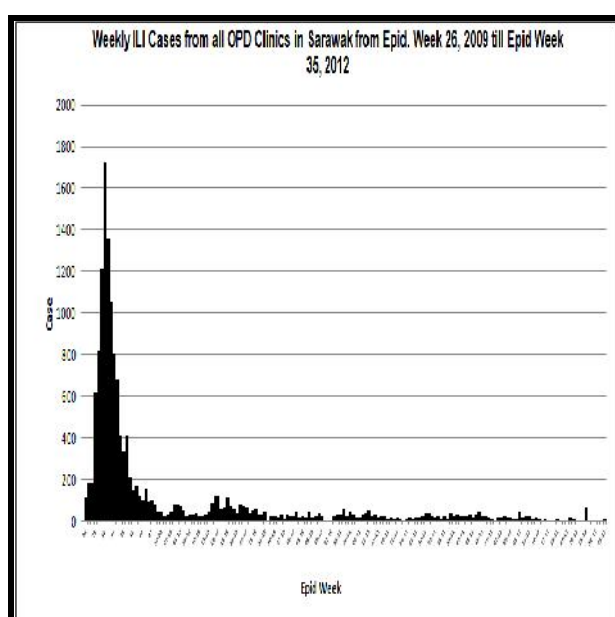
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid.Week 1 in 2010 till Epid. Week 35 in 2012.



In Epid. Week 35, 2012, no case of ILI reported from 22 Sentinel clinics and eleven cases from OPD clinics.

ILI is defined as a person with sudden onset of fever > 38°C and cough or sore throat in the absence of other diagnosis (Disease Control Division, Ministry of Health, October 2009).

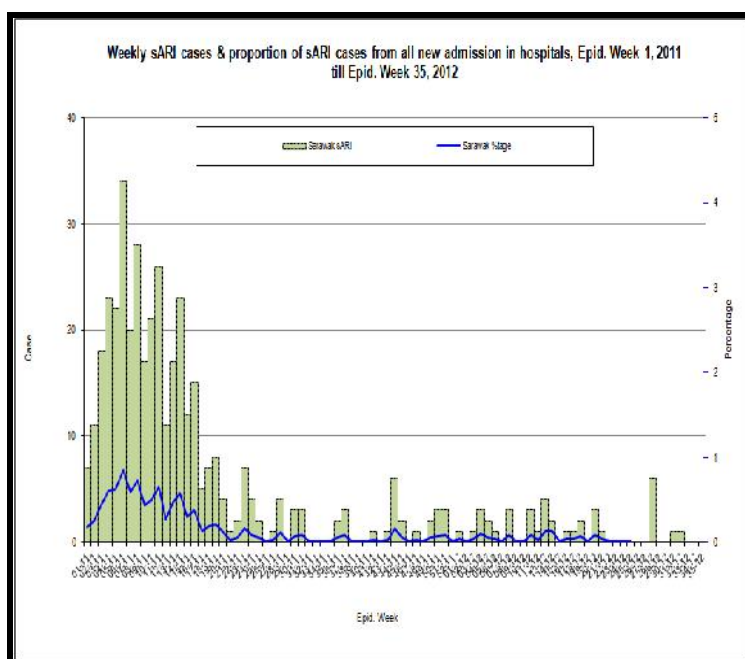


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI surveillance activities to Operations Room, CPRC Unit, CDC Section, Sarawak Health Department **BEFORE 10.00 am every day**.

10.1.3. New and Cumulative ILI Clusters as of 1st September 2012.

No ILI cluster reported. The last cluster was on 3rd November 2011.

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 sARI Admission in Government Hospitals in Sarawak as on 1st September 2012.

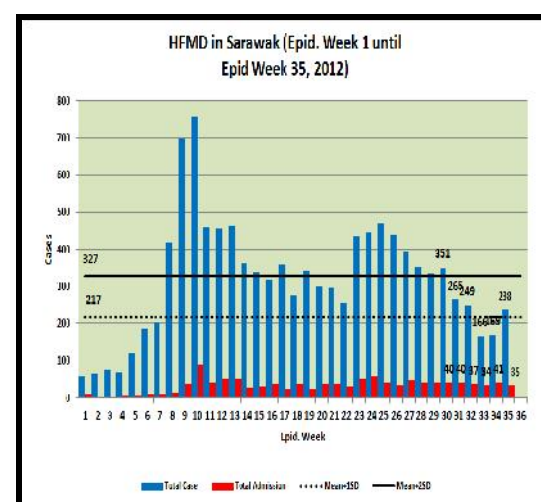
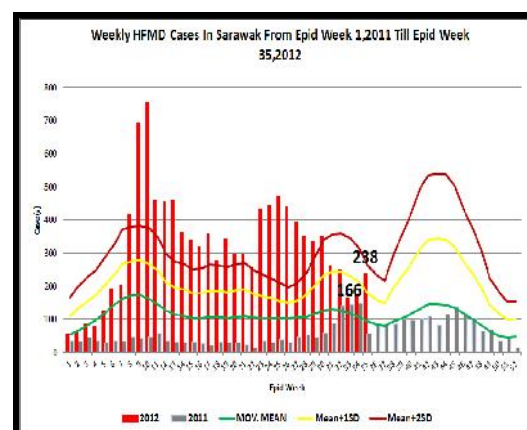
Division	Hospital	New EW 35	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	3	40	0	0	3	0	0	1	2
	Bau	0	1	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
	Sentosa	0	0	0	0	0	0	0	0	0
Samarahan	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	0	0	0	0	0	0	0	0
	Saratok	0	0	0	0	0	0	0	0	0
Sarikei	Sarikei	0	0	0	0	0	0	0	0	0
Sibu	Sibu	0	1	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
Kapit	Kapit	0	0	0	0	0	0	0	0	0
Bintulu	Bintulu	3	47	0	0	3	0	0	2	1
Miri	Miri	0	1	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		6	90	0	0	0	0	0	3	3

EW = Epid. Week; Cum. = Cumulative figure

Six sARI cases reported in Epid Week 35, 2012 from Sarawak General Hospital(3) and Bintulu Hospital(3).

10.2. Notified HFMD (masterlist) cases for Epid. Week 35, 2012 compared to Epid. Week 35, 2011 and cumulative cases in Epid. Week 35, 2011.

District / Division	2012		2011		Total
	EW 35	Cum.	EW 35	Cum.	
Lundu	2	219	0	19	31
Bau	8	322	1	64	149
Kuching	73	3144	6	244	602
KUCHING	83	3685	7	327	782
Samarahan	10	607	0	55	127
Asajaya	1	72	0	24	35
Simunjan	1	180	0	4	19
Serian	10	626	2	15	39
SAMARAHAN	22	1485	2	98	220
Sri Aman	8	425	9	69	97
Lubok Antu	0	80	0	10	18
SRI AMAN	8	505	9	79	115
Betong	9	305	0	31	57
Saratok	11	210	0	27	37
BETONG	20	515	0	58	94
Sarikei	9	454	10	123	188
Meradong	4	151	1	58	73
Pakan	0	77	0	4	7
Julau	0	120	0	3	32
SARIKEI	13	802	11	188	300
Daro	0	97	0	0	7
Matu	0	82	0	0	4
Dalat	0	104	0	16	84
Mukah	4	146	0	36	42
MUKAH	4	429	0	52	137
Sibu	34	719	2	78	149
Kanowit	1	45	0	19	6
Selangau	1	28	0	5	22
SIBU	36	792	2	102	177
Song	0	35	0	11	12
Kapit	3	384	0	49	64
Belaga	12	108	0	6	55
KAPIT	15	527	0	66	131
Tatau	1	96	0	23	25
Bintulu	9	759	22	465	25
BINTULU	10	855	22	488	772
Miri	26	1017	2	139	324
Marudi	0	91	0	40	49
MIRI	26	1108	2	179	373
Limbang	1	434	0	8	65
Lawas	0	92	0	3	4
LIMBANG	1	526	0	11	69
SARAWAK	238	11229	55	1648	3170



A total of 238 HFMD cases reported in Epid. Week 35, 2012 compared to only 55 cases during the same period in 2011.

The top five districts with the highest total number of reported cases in 2012 were:

1. Kuching
2. Samarahan
3. Miri
4. Bintulu
5. Sarikei

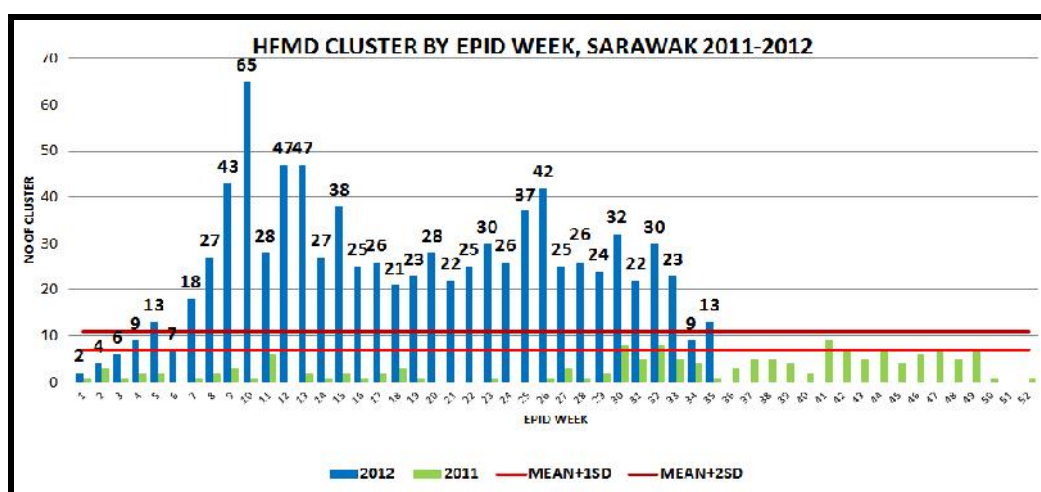
EW = Epid. Week; Cum. = Cumulative figure

10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 1st September 2012.

District	Masterlist		Registered Case		Back Log	
	EW 35	Total	EW 35	Total	EW 35	Total
Kuching	73	3144	32	3103	41	41
Bau	8	322	8	322	0	0
Lundu	2	219	2	219	0	0
KUCHING	83	3685	42	3644	41	41
Samarahan	10	607	0	573	10	34
Asajaya	1	72	1	72	0	0
Simunjan	1	180	0	143	1	37
Serian	10	626	10	626	0	0
SAMARAHAN	22	1485	11	1414	11	71
Sri Aman	8	425	0	411	11	14
Lubok Antu	0	80	0	75	8	5
SRI AMAN	8	505	0	486	19	19
Betong	9	305	0	284	9	21
Saratok	11	210	7	206	4	4
BETONG	20	515	7	490	13	25
Sarikei	9	454	0	380	9	74
Meradong	4	151	0	124	4	27
Pakan	0	77	0	75	0	2
Julau	0	120	0	107	0	13
SARIKEI	13	802	0	686	13	116
Daro	0	97	0	93	0	4
Matu	0	82	0	58	0	24
Mukah	4	146	2	144	2	2
Dalat	0	104	0	92	0	12
MUKAH	4	429	2	387	2	42
Sibu	34	719	34	719	0	0
Selangau	1	28	1	28	0	0
Kanowit	1	45	0	44	1	1
SIBU	36	792	35	791	1	1
Kapit	3	384	0	289	3	95
Song	0	35	0	35	0	0
Belaga	12	108	0	81	12	27
KAPIT	15	527	0	405	15	122
Bintulu	9	759	9	759	0	0
Tatau	1	96	1	96	0	0
BINTULU	10	855	10	855	0	0
Miri	26	1017	0	939	26	78
Marudi	0	91	0	46	0	45
MIRI	26	1108	0	985	26	123
Limbang	1	434	1	434	0	0
Lawas	0	92	0	78	0	14
LIMBANG	1	526	1	512	0	14
SARAWAK	238	11229	108	10655	141	574

10.2.2. HFMD Clusters and closure

Division	Cluster		Closure	
	EW35	Cum	EW35	Cum
Kuching	5	323	0	59
Samarahan	1	92	0	14
Sri Aman	1	16	0	0
Betong	2	44	0	10
Sarikei	1	105	0	27
Mukah	0	36	0	7
Sibu	0	55	0	0
Kapit	0	25	0	0
Bintulu	0	41	0	8
Miri	3	83	0	2
Limbang	0	76	0	6
Sarawak	13	896	0	133



10.3. Notified Leptospirosis cases for Epid. Week 35, 2012 compared to Epid. Week 35, 2011 and cumulative cases till Epid.Week 35 in 2012.

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (35) 2012	EW (35) 2011	EW (35) 2012	EW (35) 2011			
Lundu	0	0	0	0	3	7	0
Bau	0	0	0	0	5 (1)	4 (1)	1
Kuching	0	1	0	1	56 (1)	40 (2)	12
KUCHING	0	1	0	1	64 (2)	51 (3)	13
Samarahan	0	0	0	0	5	3	1
Asajaya	0	0	0	0	0	3	0
Simunjan	0	0	0	0	4	8 (1)	1
Serian	0	0	0	0	3	10 (2)	2
SAMARAHAN	0	0	0	0	12	24 (2)	4
Sri Aman	0	0	0	0	8	13 (2)	1
Lubok Antu	0	0	0	1	11	11	3 (1)
SRI AMAN	0	0	0	1	19	24 (2)	4 (1)
Betong	0	0	0	0	6	5 (1)	0
Saratok	0	0	0	0	4	5	0
BETONG	0	0	0	0	10	10 (1)	0
Sarikei	0	0	0	0	4	1	1
Meradong	0	0	0	0	2	24	1
Pakan	0	0	0	0	2	3	1
Julau	0	0	0	0	1	0	1
SARIKEI	0	0	0	0	9	28	4
Daro	0	0	0	0	0	1 (1)	1
Matu	0	0	0	0	0	0	0
Dalat	0	0	0	0	0	0	0
Mukah	0	0	0	0	0	3	1
MUKAH	0	0	0	0	0	4 (1)	2
Sibu	0	0	0	0	1	2	6
Kanowit	0	0	0	0	1 (1)	4	1
Selangau	0	0	0	0	2	3	0
SIBU	0	0	0	0	4	9	7
Song	0	0	0	0	1	1	2
Kapit	0	0	0	0	23	12	1
Belaga	0	0	0	0	3	7 (1)	0
KAPIT	0	0	0	0	27	20 (1)	3
Tatau	0	0	0	0	2	1	0
Bintulu	0	0	0	1(1)	6	11 (3)	6
BINTULU	0	0	0	1(1)	8	12 (3)	6
Miri	0	0	0	0	4	12	3
Marudi	0	0	0	0	3	2	2
MIRI	0	0	0	0	7	14	5
Limbang	0	0	0	0	13 (1)	2 (1)	1
Lawas	0	0	0	0	0	0	0
LIMBANG	0	0	0	0	13 (1)	2 (1)	1
SARAWAK	0	1	0	3(1)	173 (4)	198 (15)	49 (1)

Note: () Death; ELISA = Enzyme-Linked Immunosorbent Assay; MAT = microscopic agglutination test

Total positive = ELISA (probable) + MAT (not included equivocal result)

2011: Number of cases will depend on which Epid. Week results are received

District indicates source of infection.

Leptospirosis was gazetted as a notifiable disease mandated by under the Prevention and Control of Infectious Disease Act 1988 on 9th December 2010 (Surat Pekeliling Ketua Pengarah Kesihatan Malaysia Bil. 33/2010

10.3.1 Locality of Leptospirosis Cluster in Sarawak Epid. Week 1 until Epid. Week 35, 2012

No.	District	Locality	Number of Cases	Outbreak Declared
1	Kuching/Kota Belud	Kem Semenggo/Kem Paradise	13	20/02/2012
2	Limbang	Setuan, Tapak Kajian Pembinaan Empangan Baru	4	22/02/2012
3	Samarahan	Kpg. Entingan, Samarahan	2	08/06/2012
4	Meradong	Ulu Sg. Sebuloh	2	19/06/2012
5	Kuching	Pusat Latihan Polis (PULAPOL), Jalan Puncak Borneo, Kuching	8	20/07/2012

10.4. Notified Melioidosis cases for Epid. Week 35, 2011 compared to Epid. Week 35, 2011 and cumulative cases until Epid. Week 35, 2012

District / Division	Case classification				Total		Total
	Confirmed		Probable		2012	2011	2010
	EW (35) 2012	EW (35) 2011	EW (35) 2012	EW (35) 2011			
Lundu	0	0	0	0	0	0	0
Bau	0	0	0	0	0	1	0
Kuching	0	0	0	0	1	4	12 (1)
KUCHING	0	0	0	0	1	5	12 (1)
Samarahan	0	0	0	0	0	0	0
Asajaya	0	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0	0
Serian	0	0	0	0	0	2 (1)	1 (1)
SAMARAHAN	0	0	0	0	0	2	1 (1)
Sri Aman	0	0	0	0	0	3	0
Lubok Antu	0	0	0	0	1	1	0
SRI AMAN	0	0	0	0	1	4	0
Belong	0	0	0	0	0	0	2
Saratok	0	0	0	0	0	0	1 (1)
BETONG	0	0	0	0	0	0	3 (1)
Sarikei	0	0	0	0	0	0	2
Meradong	0	0	0	0	0	0	2
Pakan	0	0	0	0	0	0	0
Julau	0	0	0	0	0	0	2
SARIKEI	0	0	0	0	0	0	6
Daro	0	0	0	0	0	0	0
Matu	0	0	0	0	0	0	0
Dalat	0	0	0	0	1	0	1
Mukah	0	0	0	0	0	2	3 (1)
MUKAH	0	0	0	0	1	2	4 (1)
Sibu	0	0	0	0	0	1	5 (1)
Kanowit	0	0	0	0	0	1	1
Selangau	0	0	0	0	1 (1)	4	6 (2)
SIBU	0	0	0	0	1	6	12 (3)
Song	0	0	0	0	0	1	7 (2)
Kapit	0	0	0	0	2	62 (3)	162 (1)
Belaga	0	0	0	0	0	21 (4)	28 (1)
KAPIT	0	0	0	0	2	84 (7)	197 (4)
Tatau	0	0	0	0	0	4 (1)	14 (4)
Bintulu	0	0	0	0	0	6	49 (1)
BINTULU	0	0	0	0	0	10 (1)	63 (5)
Miri	0	0	0	0	1	7 (2)	35 (1)
Marudi	0	0	0	1	0	1	7
MIRI	0	0	0	1	1	8 (2)	42 (1)
Limbang	0	0	0	0	0	0	2
Lawas	0	0	0	0	0	0	1 (1)
LIMBANG	0	0	0	0	0	0	3 (1)
SARAWAK	0	0	0	1	7 (1)	121 (11)	343 (18)

Note: () Death; EW = Epid. Week
District indicates source of infection

10.4.1 Melioidosis Death case (Positive) 2012

No.	# District	® Hospital	Age	Race	Gender	Date Of Death	Concurrent Medical Illness	Occupation
1	Selangau	Sibu	48	Iban	Female	09/02/12	DM, HPT & Asthma	Farmer

* SGH = Sarawak General Hospital

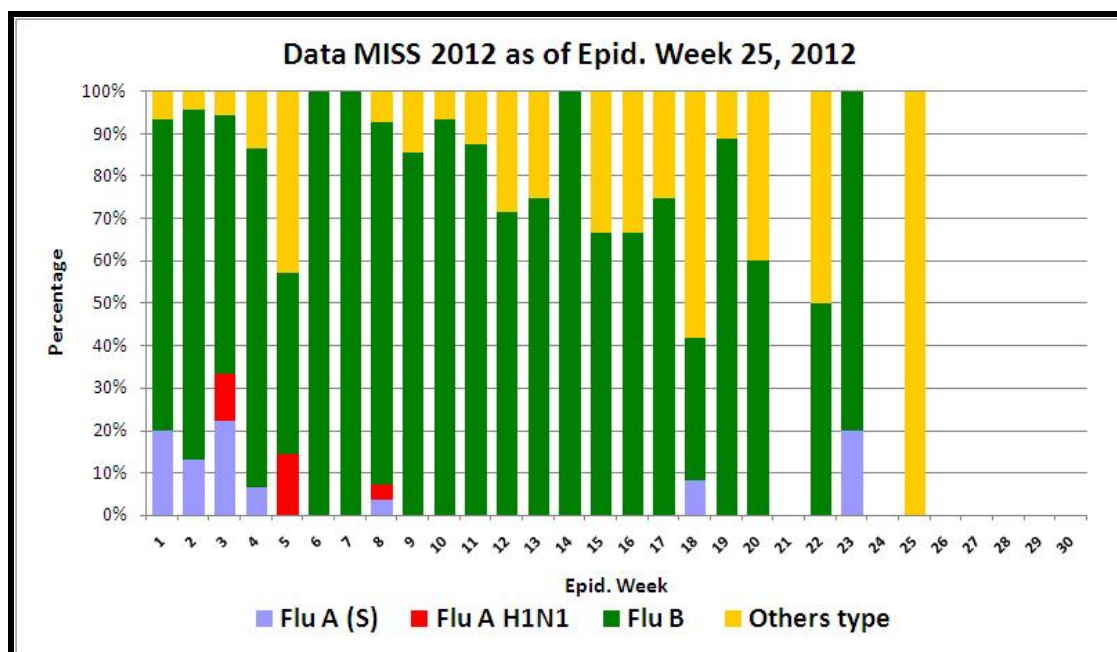
Note

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

® Hospital indicate facility where patient admitted

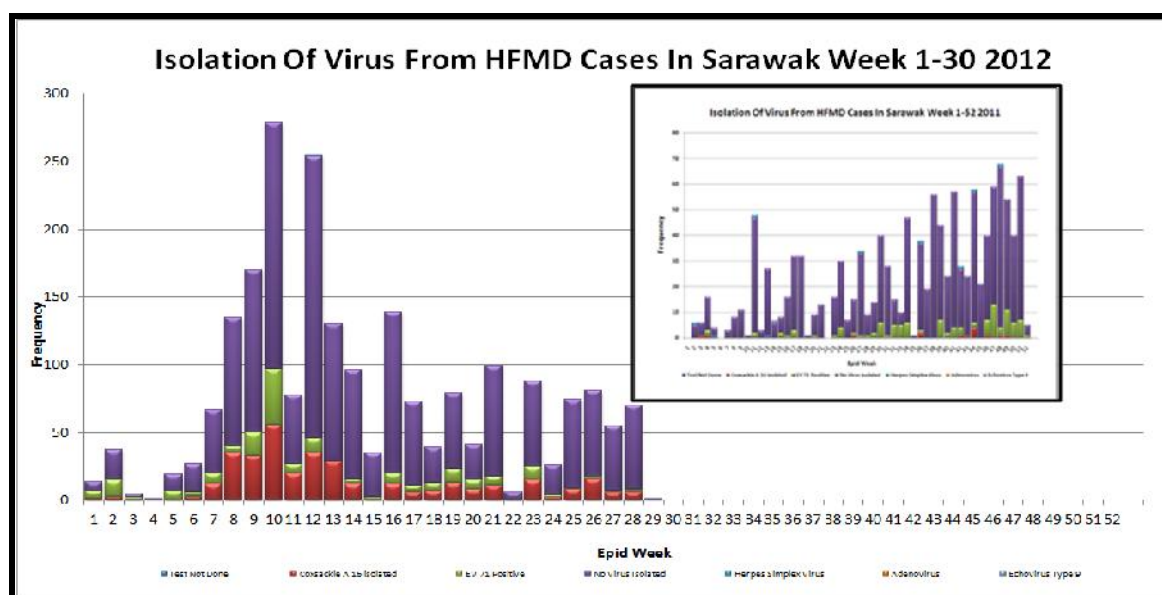
11. LABORATORY BASED SURVEILLANCE

11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah*) from Epid Week 1 till Epid Week 25, 2012.

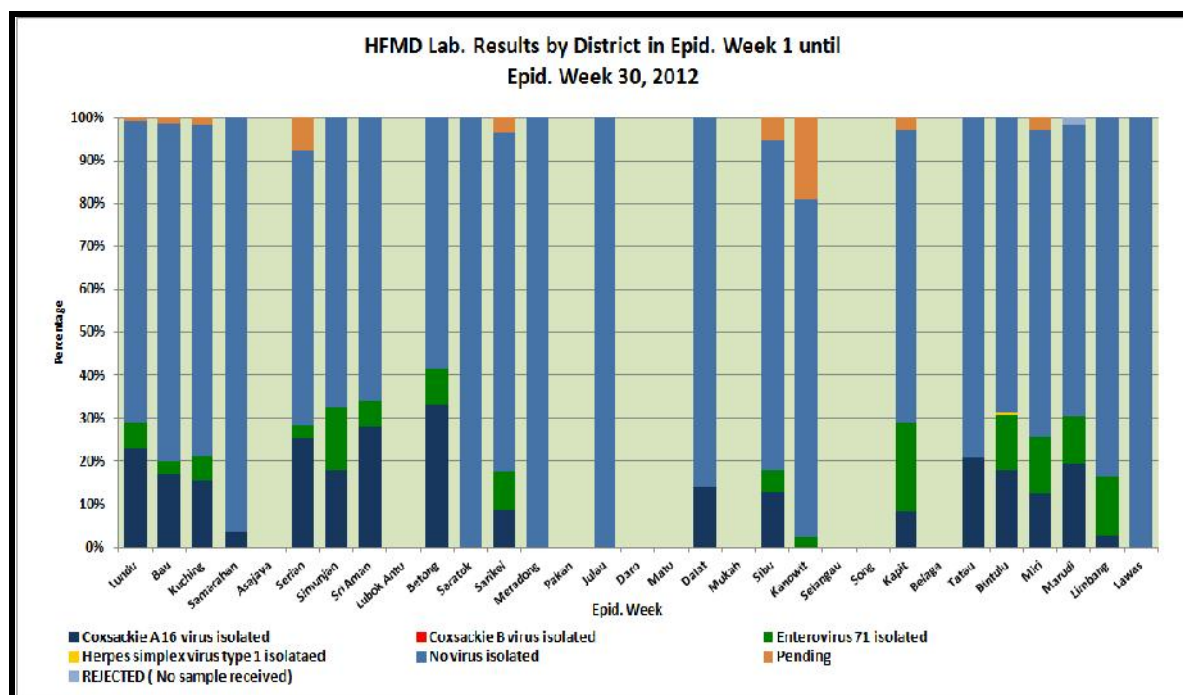


* specimen from Sabah were analysed at MKAK Kota Kinabalu, Sabah.

11.3. Laboratory Based Surveillance HFMD, EW 1- EW 30, 2012 compared to 2011 in Sarawak.



As of 1st September, 2012, 2257 HFMD samples sent to MKAK Sg Buloh. Out of this, 2214 samples with result, 42 still pending and one sample was rejected. A total of 515 (23.3%) virus isolated of which 337 Coxsackie A16 (65.4%), 176 EV 71 (34.2%), one Coxsackie B (0.2%) and one 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).

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 4th August 2012):

No.	Name/Designation	Office address	E-mail address	Tel. / Fax / Handphone number
1	Ketua Penolong Pengarah Kanan Dr. Razitasham Safii	Seksyen Kawalan Penyakit Berjangkit, Jabatan Kesihatan Negeri Sarawak,	razitasham@srwk.moh.gov.my	Tel: 082-421442 Fax: 082-234571 Hp: 013-8047635
2	Ketua Penolong Pengarah Dr. Noorzilawati Sahak	Seksyen Kawalan Penyakit Berjangkit, Jabatan Kesihatan Negeri Sarawak.	drnoorzila@gmail.com noorzilawati.s@srwk.moh.gov.my	Tel: 082-246935 Fax: 082-234571 Hp: 014-6999126
3	Pegawai Kesihatan Bahagian Bahagian Kuching Dr. Kamarudin Lajim	Pejabat Kesihatan Bahagian, Bahagian Kuching, Jalan Tun Ahmad Zaidi Aduce, 93250 KUCHING.	kamarudinl@srwk.moh.gov.my	Tel: 082-238635/257867 Fax: 082-414542/250037 Hp: 013-8014332
4	Pegawai Epidemiologi Bahagian Bahagian Kuching Dr. Ruziana Miss	Pejabat Kesihatan Bahagian, Bahagian Kuching, Jalan Tun Ahmad Zaidi Aduce, 93250 KUCHING.	ruziana.m@srwk.moh.gov.my	Tel: 082-238635/257867 Fax: 082-414542/250037 Hp: 019-8356456
5	Pegawai Kesihatan Bahagian Bahagian Samarahan Dr. Julaidah Sharip	Pejabat Kesihatan Bahagian, 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 Bahagian Sri Aman Dr. Musalnizan bt Mustalkan	Pejabat Kesihatan Bahagian, Bahagian Sri Aman, Tingkat 3, Wisma Persekutuan, Jalan Hospital 95007 SRI AMAN.	musalnizan@yahoo.com	Tel: 083-332176 Fax: 083-322058 Hp: 013-8187779
7	Pegawai Kesihatan Bahagian Bahagian Betong Dr. Jeffery Stephen	Pejabat Kesihatan Bahagian, Bahagian Betong, KM 2, Jalan Betong, 95700 BETONG.	stjeffery@srwk.moh.gov.my	Tel: 083-472116 Fax: 083-471870 Hp: 019-8584053
8	Pegawai Kesihatan Bahagian Bahagian Sarikei Dr. Hasrina Hassan	Pejabat Kesihatan Bahagian 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 Bahagian Sibu Dr. Muhamad Rais Abdullah	Pejabat Kesihatan Bahagian, 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 Bahagian Kapit Dr. Ngian Hie Hung	Pejabat Kesihatan Bahagian, Bahagian Kapit, Tingkat 3, Wisma Persekutuan, 96800 KAPIT.	ngiahu@srwk.moh.gov.my	Tel: 084-796404 Fax: 084-332502 Hp: 017-8030839
11	Pegawai Kesihatan Bahagian Bahagian Mukah Dr. Hj. Osman Hji. Rafaie	Pejabat Kesihatan Bahagian, 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 Bahagian Bintulu Dr. Mohd Nasir Habib	Pejabat Kesihatan Bahagian, Bahagian Bintulu, Lebuhraya Abang Galau, 97000 BINTULU.	habibmnasir@gmail.com	Tel: 086-331455 Fax: 086-661814 Hp: 013-3440575
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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.