



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

WEEK 04

22th – 28th January 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

In Epid. Week 4, 2012, Sarawak Health Department received reports of two food poisoning outbreaks and seven HFMD clusters and one Malaria 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	5
HIV/AIDS and STI	7
Tuberculosis and Leprosy	9
Vector Borne Diseases	12
Other Infectious Diseases	17
Emerging/Re-emerging Infectious and Zoonotic Diseases	18
Laboratory based surveillance	27



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	Pakan	Rh. Ladi, Nasau, Pakan	5	21.01.2012
2		Miri	Lot 7894, Taman Permai, Permyjaya	3	21.01.2012
3	HFMD	Kuching	Kuarters I10, PULAPOL, Jalan Puncak Borneo	2	20.01.2012
4			Lot. 1737, Lorong Temeggong Haji Gobil, Jalan Siol Kandis, Petra Jaya	3	22.01.2012
5			Tadika Bina Hikmah, Jalan Malaysia Jaya (Perumahan lama).	2	23.01.2012
6			SK St. George, Punau, Jalan Puncak Borneo, Kuching	3	27.01.2012
7			Lot 104, Lorong Astana 1, Jalan Astana, Petra Jaya	6	25.01.2012
8		Betong	Rh. Tawan, Luban Ulu, Spaoh	2	25.01.2012
9			Batu 2, Jalan Ulu Layar	2	27.01.2012
10	Malaria	Kuching	Kg. Cabang, Matang	2	20.01.2012

There were ten outbreaks reported in Epid. Week 4, 2012 to Sarawak Health Department.

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 4, 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																											
Bau											2																
Kuching						2				5	31										2				0		
Samarahan											1																
Asajaya						1				1											1						
Simunjan	2/0					1															3			1			
Serian											4																
Sri Aman						1					3																
L/ Antu															1												
Betong																											
Saratok						3					3																
Sarikei													2														
Meradong																											
Pakan/Julau						1			5				5								1						
Daro																											
Matu																											
Dalat											3																
Mukah													1														
Sibu											1		4														
Kanowit													3														
Selangau						1							1														
Song											1		2								1						
Kapit											3		6		1						1						
Belaga											1		1														
Tatau						1					13																
Bintulu															6												
Miri						2			3				1		8						5						
Marudi													18														
Limbang																					1						
Lawas											2		1														
TOTAL (Week 4)	2/0	0	0	0	0	13	0	0	8	6	68	0	45	0	16	0	0	0	0	0	14	0	0	1	0	0	0
Total (2012)	4/0	0	0	0	0	53	0	0	14	6	263	0	94	2	68	0	0	0	1	0	52	2	0	14	1	0	0
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. Summary of total number of food-water borne diseases in Sarawak from Epid. Week 1 till Epid. Week 4, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	0	4	0	2	2	0	0	0
Samarahan	0	1	0	0	0	0	0	0
Sri Aman	0	1	0	0	0	0	0	0
Betong	1	0	0	0	0	0	0	0
Sarikei	2	0	0	0	0	0	0	0
Sibu	0	0	0	0	0	0	0	0
Kapit	0	0	0	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	0
Bintulu	0	0	0	0	0	0	0	0
Miri	1	0	0	0	0	0	0	0
Limbang	0	0	0	0	0	0	0	0
Sarawak	4	6	0	2	2	0	0	0

Note: S = Suspected; C = Confirmed

4.2. Food Poisoning

Two food poisoning outbreaks reported in Epid. Week 4, 2012 from Miri and Julau district. Suspected food was Arak Cap Apek kuat (Julau) and 'Ikan Pari Panggang' (Miri)

4.3. Cholera

No case reported in Epid. Week 4, 2012.

4.4. Dysentery

Four suspected dysentery cases were reported in Epid. Week 4, 2012; one each from Kuching, Samarahan, Sri Aman and Bau districts. Two Stool C&S were taken from cases reported from Kota Samarahan and Sri Aman district. The laboratory tests were all negative. The other cases were still under investigation.

4.5. Typhoid and paratyphoid fever

Two suspected Typhoid cases were reported in Epid. Week 4, 2012 from Kuching. The first case from Taman Range, Kuching were admitted to ICU, SGH Kuching.

As at 28th January 2012, one confirmed typhoid and one confirmed paratyphoid was reported.

5. SURVEILLANCE REPORT ON VACCINE PREVENTABLE DISEASES

5.1. Summary of total number of Vaccine Preventable Diseases by division from Epid. Week 1 till Epid. Week 4, 2012

Division	TYPES OF DISEASES													
	Diphtheria		Measles					Rubella	Polio		Tetanus		Pertusis	
	S	C	Suspected (Registered Cases in SM2)	Confirmed			Discard	Lab. Confirmed	S	C	S	C	S	C
				Lab. Confirmed	Clinically Confirmed	Epid. Link								
KUCHING	0	0	6	0	0	0	0	0	0	0	0	0	2	0
SAMARAHAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	0	5	0	0	0	0	0	0	0	0	0	0	0
BETONG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARIKEI	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SIBU	0	0	1	0	0	0	0	0	0	0	0	0	0	0
KAPIT	0	0	1	0	0	0	0	0	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BINTULU	0	0	22	3	0	10	0	0	0	0	0	0	0	0
MIRI	0	0	31	5	0	3	0	0	0	0	0	0	0	0
LIMBANG	0	0	1	0	0	0	0	0	0	0	0	0	0	0
SARAWAK	0	0	68	8	0	13	0	0	0	0	0	0	2	0

Note: S = suspected; C = confirmed

5.2. Measles (data derived from SM2)

A total of sixteen suspected measles cases reported in Epid. Week 4, 2012. Three cases were epid link and related to outbreak at Ladang SPI Bintulu. Another 13 suspected sporadic were from Miri (8 cases), Bintulu (3 cases), Kapit (1 case) and Lubok Antu (1 case).

5.2.1 Measles Elimination Programme (MEP) by Division from Epid. Week 1 till Epid. Week 4, 2012

Division	No. Of cases	Surveillance Indicator (>80%)		
		% Notification Within 24 hrs	% Investigation within 48 hrs	% Blood specimen Taken
Kuching	6	66	83	83
Samarahan	0	0	0	0
Sri Aman	4	100	75	100
Betong	0	0	0	0
Sarikei	1	100	100	100
Sibu	1	100	100	100
Kapit	0	0	0	0
Mukah	0	0	0	0
Bintulu	19	95	84	68
Miri	27	67	100	100
Limbang	1	100	0	100
Sarawak	59	80	90	88

5.2. Pertusis

No suspected case reported in Epid. Week 4, 2012. The two suspected cases reported in Epid. Week 3, 2012 were negative.

5.3. Polio

No suspected case reported in Epid. Week 4, 2012.

5.4. Rubella

No suspected case reported in Epid. Week 4, 2012.

5.5. Tetanus

No suspected case reported in Epid. Week 4, 2012.

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 4, 2012 and cumulative cases until Epid. Week 4, 2012.

District / Division	2012			
	EW 4		Cumulative	
	HIV	AIDS	HIV	AIDS
Lundu	0	0	0	0
Bau	0	0	0	0
Kuching	0	0	2	0
KUCHING	0	0	2	0
Samarahan	0	0	0	0
Asajaya	0	0	0	0
Simunjan	2	0	2	0
Serian	0	0	0	0
SAMARAHAN	2	0	2	0
Sri Aman	0	0	0	0
Lubok Antu	0	0	0	0
SRI AMAN	0	0	0	0
Betong	0	0	0	0
Saratok	0	0	0	0
BETONG	0	0	0	0
Sarikei	0	0	0	0
Meradong	0	0	0	0
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	0	0	0	0
Daro	0	0	0	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	0	0
MUKAH	0	0	0	0
Sibu	0	0	0	0
Kanowit	0	0	0	0
Selangau	0	0	0	0
SIBU	0	0	0	0
Song	0	0	0	0
Kapit	0	0	0	0
Belaga	0	0	0	0
KAPIT	0	0	0	0
Tatau	0	0	0	0
Bintulu	0	0	0	0
BINTULU	0	0	0	0
Miri	0	0	0	0
Marudi	0	0	0	0
MIRI	0	0	0	0
Limbang	0	0	0	0
Lawas	0	0	0	0
LIMBANG	0	0	0	0
Sarawak	2	0	4	0

EW = Epid. Week; Cum. = Cumulative figure

6.2 HIV/AIDS Patient Classification Notified in Epid. Week 3 and Cumulative until Epid. Week 3, 2012

District / Division	2012					
	Children		Women		Foreigner	
	EW 4	Cum.	EW 4	Cum.	EW 4	Cum.
Lundu	0	0	0	0	0	0
Bau	0	0	0	0	0	0
Kuching	0	0	0	0	0	0
KUCHING	0	0	0	0	0	0
Samarahan	0	0	0	0	0	0
Asajaya	0	0	0	0	0	0
Simunjan	0	0	1	1	1	1
Serian	0	0	0	0	0	0
SAMARAHAN	0	0	0	0	0	0
Sri Aman	0	0	0	0	0	0
Lubok Antu	0	0	0	0	0	0
SRI AMAN	0	0	0	0	0	0
Betong	0	0	0	0	0	0
Saratok	0	0	0	0	0	0
BETONG	0	0	0	0	0	0
Sarikei	0	0	0	0	0	0
Meradong	0	0	0	0	0	0
Pakan	0	0	0	0	0	0
Julau	0	0	0	0	0	0
SARIKEI	0	0	0	0	0	0
Daro	0	0	0	0	0	0
Matu	0	0	0	0	0	0
Dalat	0	0	0	0	0	0
Mukah	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0
Sibu	0	0	0	0	0	0
Kanowit	0	0	0	0	0	0
Selangau	0	0	0	0	0	0
SIBU	0	0	0	0	0	0
Song	0	0	0	0	0	0
Kapit	0	0	0	0	0	0
Belaga	0	0	0	0	0	0
KAPIT	0	0	0	0	0	0
Tatau	0	0	0	0	0	0
Bintulu	0	0	0	0	0	0
BINTULU	0	0	0	0	0	0
Miri	0	0	0	0	0	0
Marudi	0	0	0	0	0	0
MIRI	0	0	0	0	0	0
Limbang	0	0	0	0	0	0
Lawas	0	0	0	0	0	0
LIMBANG	0	0	0	0	0	0
Sarawak	0	0	1	1	1	1

Three HIV and one AIDS cases reported in Epid. Week 4, 2012 from Simunjan district.

3.3.3 Notified Gonorrhoea and Syphilis cases for Epid. Week 4, 2012 and Cumulative cases until Epid. Week 4, 2012.

District / Division	Gonorrhoea		Syphilis	
	EW 4	Cum.	EW 4	Cum.
Lundu	0	0	0	0
Bau	0	0	0	0
Kuching	3	8	0	0
KUCHING	3	8	0	0
Samarahan	1	1	0	0
Asajaya	1	2	0	0
Simunjan	0	0	0	0
Serian	0	0	0	0
SAMARAHAN	2	3	0	0
Sri Aman	0	0	0	0
Lubok Antu	0	0	1	1
SRI AMAN	0	0	1	1
Betong	0	0	0	0
Saratok	0	0	0	0
BETONG	0	0	0	0
Sarikei	0	0	0	0
Meradong	0	0	0	0
Pakan	0	0	0	0
Julau	0	0	0	0
SARIKEI	0	0	0	0
Daro	0	0	0	0
Matu	0	0	0	0
Dalat	0	0	0	0
Mukah	0	0	0	0
MUKAH	0	0	0	0
Sibu	0	0	0	0
Kanowit	0	0	0	0
Selangau	0	0	0	0
SIBU	0	0	0	0
Song	0	0	0	0
Kapit	0	0	0	0
Belaga	0	0	0	0
KAPIT	0	0	0	0
Tatau	0	0	0	0
Bintulu	0	0	0	0
BINTULU	0	0	0	0
Miri	0	0	0	0
Marudi	0	0	0	0
MIRI	0	0	0	0
Limbang	0	0	0	0
Lawas	0	0	0	0
LIMBANG	0	0	0	0
Sarawak	5	12	1	1

EW = Epid. Week; Cum. = Cumulative figure

Gonorrhoea

Five cases reported in Epid. Week 4, 2012 Kuching (3). Samarahan (1) and Asajaya(1) district. The cumulative total of reported case in 2012 is 12 cases.

Syphilis

No case reported in Epid. Week 4, 2012.

7. SURVEILLANCE REPORT ON TB AND LEPROSY.

7.1 Notified TB cases for Epid. Week 4, 2012 compared to Epid. Week 4, 2011 and cumulative cases until Epid. Week 4, 2012.

District / Division	2012		2011		
	EW 3	Cum.	EW 3	Cum.	Total
Lundu	0	0	0	0	23
Bau	0	1	0	2	42
Kuching	2	12	0	10	340
KUCHING	2	13	0	12	405
Samarahan	0	1	0	0	29
Asajaya	1	1	0	0	15
Simunjan	3	6	0	0	34
Serian	0	2	0	0	52
SAMARAHAN	4	10	0	0	130
Sri Aman	0	0	0	1	58
Lubok Antu	0	0	0	1	40
SRI AMAN	0	0	0	2	98
Betong	0	0	0	4	33
Saratok	0	2	0	1	51
BETONG	0	2	0	5	84
Sarikei	0	1	0	0	49
Meradong	0	0	0	5	27
Pakan	0	0	0	0	20
Julau	1	2	0	0	20
SARIKEI	1	3	0	5	116
Daro	0	0	0	0	6
Matu	0	0	0	0	7
Dalat	0	0	0	0	8
Mukah	0	0	0	0	25
MUKAH	0	0	0	0	46
Sibu	0	5	0	0	169
Kanowit	0	3	0	0	27
Selangau	0	0	0	0	38
SIBU	0	8	0	0	234
Song	1	1	0	0	23
Kapit	1	3	0	2	56
Belaga	0	0	0	0	29
KAPIT	2	4	0	2	108
Tatau	0	0	0	0	42
Bintulu	0	0	0	5	183
BINTULU	0	0	0	5	225
Miri	5	8	0	0	290
Marudi	0	0	2	4	41
MIRI	5	8	2	4	331
Limbang	1	4	0	0	38
Lawas	0	0	0	0	23
LIMBANG	1	4	0	0	61
Sarawak	14	52	2	35	1838

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 4, 2012 compared to Epid. Week 4, 2011 and cumulative cases until Epid. Week 4, 2012.

District / Division	2012		2011		
	EW 3	Cum.	EW 3	Cum.	Total
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	0	3
KUCHING	0	0	0	0	3
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
SAMARAHAN	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	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	0	0	0	0
Julau	0	0	0	0	0
SARIKEI	0	0	0	0	0
Daro	0	0	0	0	0
Matu	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	1
MUKAH	0	0	0	0	1
Sibu	0	0	0	0	1
Kanowit	0	0	0	0	0
Selangau	0	0	0	0	0
SIBU	0	0	0	0	1
Song	0	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	0	0	0	6
KAPIT	0	0	0	0	6
Tatau	0	0	0	0	0
Bintulu	0	0	0	0	1
BINTULU	0	0	0	0	1
Miri	0	0	0	0	4
Marudi	0	0	0	0	5
MIRI	0	0	0	0	9
Limbang	0	0	0	0	4
Lawas	0	0	0	0	0
LIMBANG	0	0	0	0	4
Sarawak	0	0	0	0	25

7.3 Notified TB Case Classification as on 28th January 2012

Tuberculosis (all forms)

A total of 14 cases of tuberculosis (all forms) reported in Epid. Week 4, 2012. As at 28th January 2012, the cumulative total of reported cases is 52. Out of these 52 cases, two are foreigner and one TB/HIV reported.

Leprosy

No case reported in Epid. Week 4, 2012.

District / Division	Case classification					
	Positive smear		Negative smear		Extra TB	
	EW 4	Cum.	EW 4	Cum.	EW 4	Cum.
Lundu	0	0	0	0	0	0
Bau	0	1	0	0	0	0
Kuching	1	8	1	4	0	0
KUCHING	1	9	1	0	0	0
Samarahan	0	1	0	0	0	0
Asajaya	0	0	1	1	0	0
Simunjan	2	5	1	1	0	0
Serian	0	1	0	1	0	0
SAMARAHAN	2	7	2	3	0	0
Sri Aman	0	0	0	0	0	0
Lubok Antu	0	0	0	0	0	0
SRI AMAN	0	0	0	0	0	0
Betong	0	0	0	0	0	0
Saratok	0	1	0	1	0	0
BETONG	0	1	0	1	0	0
Sarikei	0	0	0	1	0	0
Meradong	0	0	0	0	0	0
Pakan	0	0	0	0	0	0
Julau	1	2	0	0	0	0
SARIKEI	1	2	0	1	0	0
Daro	0	0	0	0	0	0
Matu	0	0	0	0	0	0
Dalat	0	0	0	0	0	0
Mukah	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0
Sibu	0	5	0	0	0	0
Kanowit	0	3	0	0	0	0
Selangau	0	0	0	0	0	0
SIBU	0	8	0	0	0	0
Song	0	0	0	0	0	1
Kapit	0	0	0	2	1	1
Belaga	0	0	0	0	0	0
KAPIT	0	0	0	0	0	0
Tatau	0	0	0	0	0	0
Bintulu	0	0	0	0	0	0
BINTULU	0	0	0	1	0	0
Miri	5	7	0	0	0	0
Marudi	0	0	0	0	0	0
MIRI	5	7	0	0	0	0
Limbang	1	4	0	0	0	0
Lawas	0	0	0	0	0	0
LIMBANG	1	4	0	0	0	0
Sarawak	10	38	3	12	1	2

EW = Epid. Week; Cum. = Cumulative figure

7.4 Notified TB Patient Classification as on 28th January 2012.

District / Division	Patient Classification											
	Children		Health care worker				PUSPEN/Prison		Foreigner		Care Centre	
	EW 4	Cum.	*Exposed		*Not exposed		EW 4	Cum.	EW 4	Cum.	EW 4	Cum.
			EW 4	Cum.	EW 4	Cum.						
Lundu	0	0	0	0	0	0	0	0	0	0	0	0
Bau	0	0	0	0	0	0	0	0	0	0	0	0
Kuching	0	0	0	0	0	0	0	0	0	1	0	0
KUCHING	0	0	0	0	0	0	0	0	0	1	0	0
Samarahan	0	0	0	0	0	0	0	0	0	0	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	1	0	0
Serian	0	0	0	0	0	0	0	0	0	0	0	0
SAMARAHAN	0	0	0	0	0	0	0	0	0	1	0	0
Sri Aman	0	0	0	0	0	0	0	0	0	0	0	0
Lubok Antu	0	0	0	0	0	0	0	0	0	0	0	0
SRI AMAN	0	0	0	0	0	0	0	0	0	0	0	0
Betong	0	0	0	0	0	0	0	0	0	0	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	0	0	0
Sarikei	0	0	0	0	0	0	0	0	0	0	0	0
Meradong	0	0	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	0	0	0	0	0	0	0	0	0	0	0
Daro	0	0	0	0	0	0	0	0	0	0	0	0
Matu	0	0	0	0	0	0	0	0	0	0	0	0
Dalat	0	0	0	0	0	0	0	0	0	0	0	0
Mukah	0	0	0	0	0	0	0	0	0	0	0	0
MUKAH	0	0	0	0	0	0	0	0	0	0	0	0
Sibu	0	0	0	0	0	0	0	0	0	0	0	0
Kanowit	0	0	0	0	0	0	0	0	0	0	0	0
Selangau	0	0	0	0	0	0	0	0	0	0	0	0
SIBU	0	0	0	0	0	0	0	0	0	0	0	0
Song	0	0	0	0	0	0	0	0	0	0	0	0
Kapit	0	0	0	0	0	0	0	0	0	0	0	0
Belaga	0	0	0	0	0	0	0	0	0	0	0	0
KAPIT	0	2	0	0	0	0	0	0	0	0	0	0
Tatau	0	0	0	0	0	0	0	0	0	0	0	0
Bintulu	0	0	0	0	0	0	0	0	0	0	0	0
BINTULU	0	0	0	0	0	0	0	0	0	0	0	0
Miri	0	0	0	0	0	0	0	0	0	0	0	0
Marudi	0	0	0	0	0	0	0	0	0	0	0	0
MIRI	0	0	0	0	0	0	0	0	0	0	0	0
Limbang	0	0	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	0	0	0	0	0	0	0	0	0	0	0
Sarawak	0	2	0	0	0	0	0	0	0	2	0	0

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

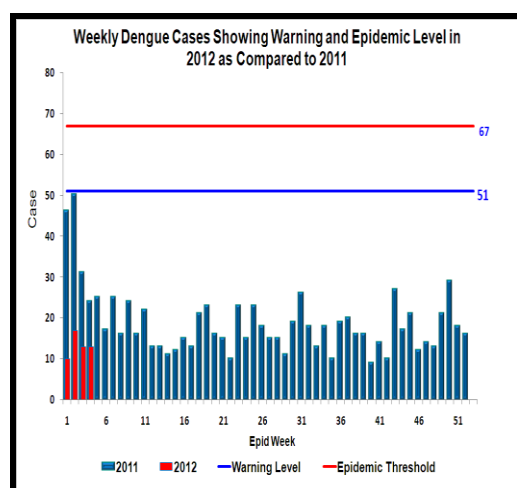
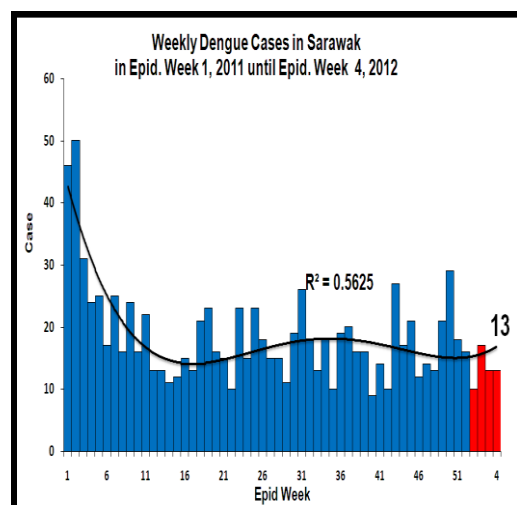
* Possibility of exposed or not exposed to TB patient

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 4, 2012 compared to Epid. Week 4, 2011 and cumulative cases until Epid. Week 4, 2012.

District	2012		2011		Total
	EW 4	Cum.	EW 4	Cum.	
Lundu	0	2	1	2	11
Bau	0	2	2	8	34
Kuching	2	7	4	11	104
Samarahan	0	2	0	2	22
Asajaya	1	1	0	0	4
Serian	0	0	0	3	16
Simunjan	1	1	0	5	17
Sri Aman	1	3	0	6	54
Lubok Antu	0	1	1	3	23
Betong	0	1	1	2	13
Saratok	3	3	0	0	11
Sarikei	0	3	3	5	29
Meradong	0	1	1	2	15
Pakan	1	2	1	4	23
Julau	0	0	0	0	17
Daro	0	0	0	4	5
Matu	0	0	0	1	1
Dalat	0	0	0	1	2
Mukah	0	0	0	1	5
Sibu	0	2	2	30	67
Kanowit	0	1	1	5	29
Selangau	0	1	0	2	10
Song	0	1	0	2	10
Kapit	0	3	2	8	29
Belaga	0	1	0	1	26
Tatau	1	2	0	5	45
Bintulu	0	1	4	15	95
Miri	2	11	1	14	131
Marudi	1	1	0	7	56
Limbang	0	0	0	0	20
Lawas	0	0	0	2	14
Sarawak	13	53	24	151	938



A total of 13 dengue cases reported in Epid. Week 4, 2012 compared to 24 cases during the same period in 2011.

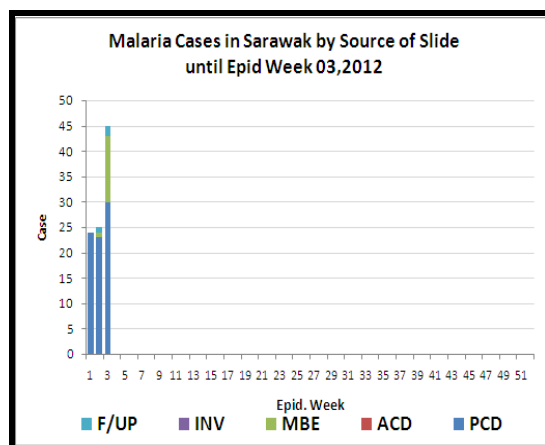
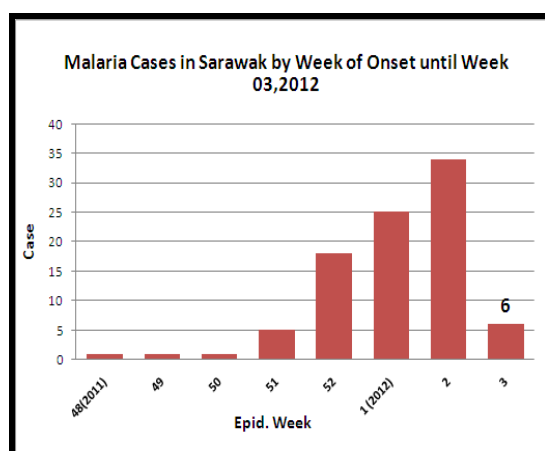
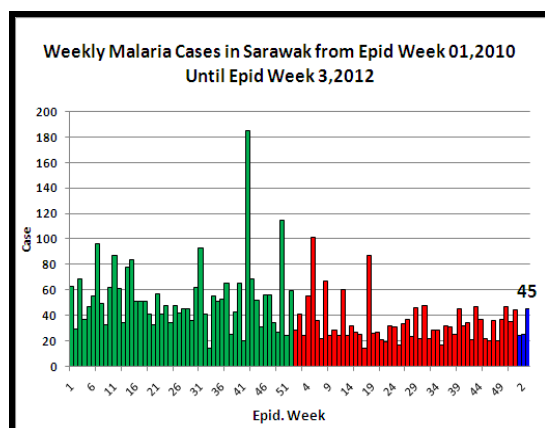
Total of dengue cases reported for Epid. Week was the same from the previous Epid. Week.

No outbreak reported.

EW = Epid. Week; Cum. = cumulative figure

8.2. Notified Malaria cases for Epid. Week 3, 2012 compared to Epid. Week 3, 2011 and cumulative cases until Epid. Week 3 in 2012.

District	2012		2011		Total
	EW 3	Cum.	EW 3	Cum.	
Lundu	0	0	1	3	33
Bau	0	0	0	0	5
Kuching	0	0	0	0	23
Samarahan	0	0	0	0	3
Asajaya	0	0	0	0	1
Serian	0	0	0	1	21
Simunjan	0	0	0	0	2
Sri Aman	0	1	1	2	17
Lubok Antu	0	0	1	2	25
Betong	0	1	1	3	47
Saratok	0	0	0	0	3
Sarikei	2	2	0	2	16
Meradong	0	0	0	0	9
Pakan	2	6	0	0	29
Julau	3	5	0	3	69
Daro	0	0	0	0	2
Matu	0	0	0	0	2
Dalat	0	1	0	1	10
Mukah	1	1	1	1	2
Sibu	4	7	0	1	52
Kanowit	3	3	5	9	89
Selangau	1	2	0	0	16
Song	2	4	1	6	78
Kapit	6	16	2	19	230
Belaga	1	4	4	8	139
Tatau	0	0	0	1	34
Bintulu	0	1	0	1	39
Miri	1	4	1	6	40
Marudi	18	27	6	24	670
Limbang	0	5	0	0	21
Lawas	1	4	0	0	34
Sarawak	45	94	24	93	1761



A total of 45 cases were reported on Epid. Week 3, 2012. Cumulative cases till Epid. Week 3 were 94 cases. Of the 94 cases, 27 cases (28.7%) from Marudi District, 16 cases (17.0%) from Kapit District and 7 cases (7%) from Sibu 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 3	Cum.
Passive Case Detection (PCD)	30	77
Active Case Detection (ACD)	0	0
Investigation slides (INV)	0	0
Mass Blood Survey (MBS)	13	14
Follow-up	2	3
Total	45	94

8.2.2. Malaria cases by species

Species	2012	
	EW 3	Cum.
<i>P. vivax</i>	24	37
<i>P. falciparum</i>	4	8
<i>P. malariae</i>	3	4
<i>P. knowlesi</i>	14	45
<i>P. ovale</i>	0	0
Mixed	0	0
Total	45	94

8.2.3. Malaria cases by case classification

Classification	2012	
	EW 3	Cum.
Indigenous	34	74
*Imported A	11	20
Relapsed	0	0
Congenital	0	0
Total	45	94

8.2.4. The summary of the *Imported A cases

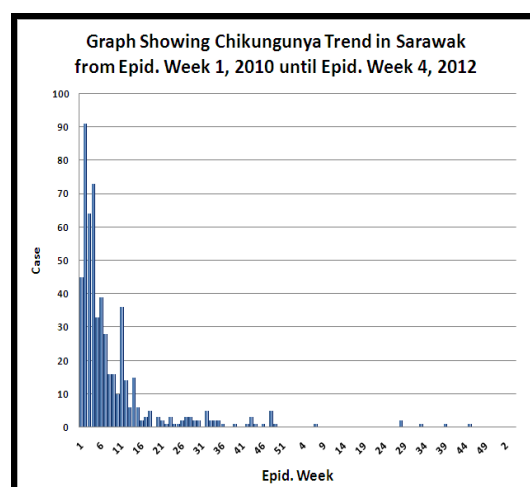
No.	District reported	Source of infection	Nationality	Age	Gender	Address in Sarawak	Species
1	Sibu	KKB Rimbunan Hijau, Papua New Guinea	Malaysian	42	Male	104, Block E, Jalan Sibu Jaya, Durin, Sibu	<i>P. vivax</i>
2		KKB Mafrika, Congo, Africa	Malaysian	41	Male	10A, Lorong 4, Jalan Siol, Sibu	<i>P. knowlesi</i>
3		KKB Asia, Congo, Africa	Malaysian	42	Male	No. 16, Lorong 8C, Jalan Sibu Jaya 8, Durin, Sibu	<i>P. falciparum</i>
4		KKB Super Boistuga, Gabon, Africa	Malaysian	43	Male	3D, Lane 1, Jalan Jerruwit Timur, Sibu	<i>P. falciparum</i>
5	Kapit	KKB Amanab, Papua New Guinea	Malaysian	49	Male	Kg. Sawang, Jalan Melekun, Kapit	<i>P. vivax</i>
6		KKB Yanubu, Venimore, Papua New Guinea	Malaysian	30	Male	No. 39, Lorong 2, Taman Thian Chiong, KM 3 Jalan Airport, Kapit	<i>P. vivax</i>

No.	District reported	Source of infection	Nationality	Age	Gender	Address in Sarawak	Species
7	Kapit	KKB Burdimoforest, Puri, Papua New Guinea	Malaysian	44	Male	Nanga Banyau, Rh. Inting, Baleh, Kapit	<i>P. vivax</i>
8		KKB Asia, Congo, Africa	Malaysian	32	Male	Nanga Sempili Baleh, Rh. Janggu, Baleh, Kapit	<i>P. falciparum</i>
9	Selangau	KKB Bata, Congo, Africa	Malaysian	51	Male	Penempatan Semula Sekuau, Rh. Tungku, Sekuau, Selangau	<i>P. malariae</i>
10	Kanowit	KKB Shell, Papua New Guinea	Malaysian	51	Male	Penempatan Semula Nanga Ngungun, Rh. Lakun, Ngemah, Kanowit	<i>P. knowlesi</i>
11	Song	KKB Samling, Liberia, Africa	Malaysian	44	Male	Nanga Lotong, Rh. Melayu, Song	<i>P. falciparum</i>

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 4, 2012 compared to Epid. Week 4, 2011 and cumulative cases until Epid. Week 4 in 2012.

District	2012		2011		Total
	EW 4	Cum.	EW 4	Cum.	
Lundu	0	0	0	0	0
Bau	0	0	0	0	0
Kuching	0	0	0	0	1
Samarahan	0	0	0	0	0
Asajaya	0	0	0	0	1
Serian	0	0	0	0	1
Simunjan	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	0	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	0	0	0	0
Kapit	0	0	0	0	0
Belaga	0	0	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	0	1
Limbang	0	0	0	0	0
Lawas	0	0	0	0	0
Sarawak	0	0	0	0	6



No case of chikungunya reported in Epid. Week 4, 2012.

EW = Epid. Week; Cum. = cumulative figure

8.4. Filariasis

No case of filariasis reported in Epid. Week 4, 2012.

8.5 Japanese Encephalitis (JE)

No case of JE was reported in Epid. Week 04, 2012.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

One viral encephalitis case reported in Epid. Week 4, 2012 from Kuching district.

9.2. Viral Hepatitis (all form)

A total of 12 cases of Hepatitis B and C were reported in Epid. Week 4, 2013. Out of these, nine were chronic Hepatitis B, one acute Hepatitis B and two Acute Hepatitis C cases.

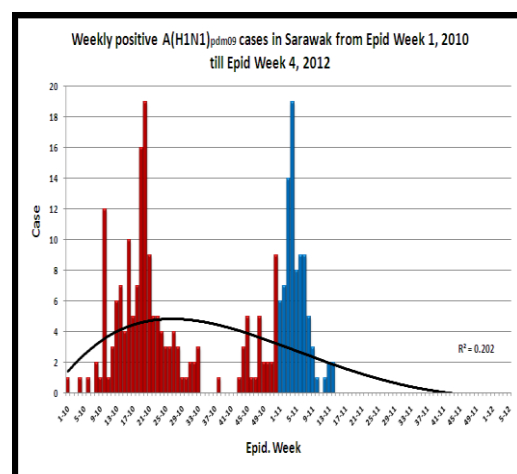
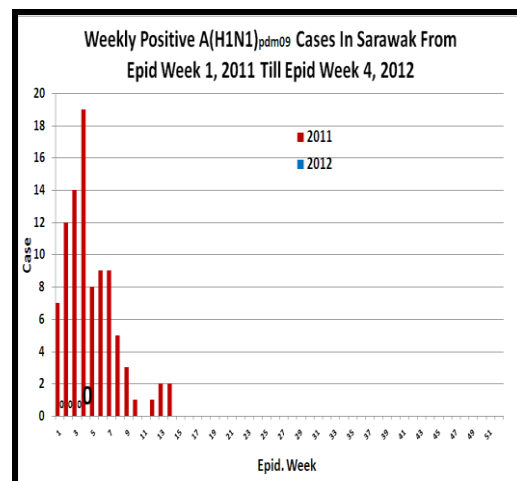
As at 28th January 2012, the total cases reported is 14 cases.

10. EMERGING/RE-EMERGING INFECTIOUS AND ZOOONOTIC DISEASES

10.1. A(H1N1)_{pdm09}

10.1.1 Positive Pandemic Influenza A (H1N1)_{pdm09} cases for Epid. Week 4, 2012 compared to Epid. Week 4, 2011 and cumulative cases until Epid. Week 4 in 2012.

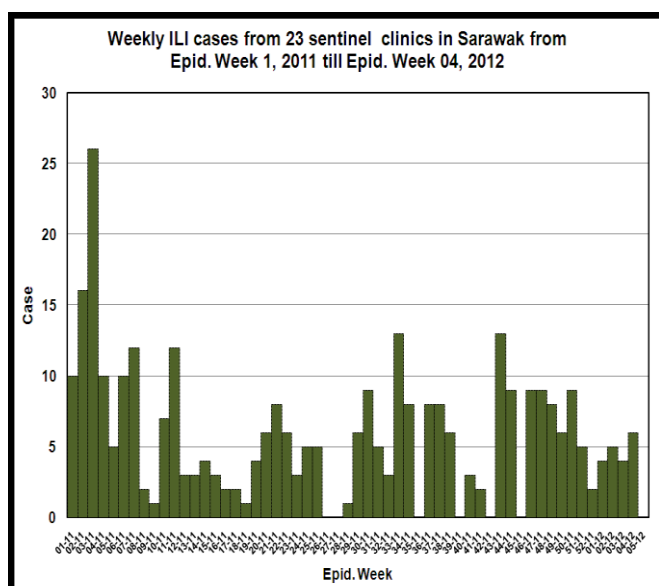
District	2012		2011		Total
	EW 4	Cum.	EW 4	Cum.	
Lundu	0	0	0	0	1
Bau	0	0	0	0	0
Kuching	0	0	7	28	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	0	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	1	1	1
Kanowit	0	0	0	0	0
Song	0	0	0	0	0
Kapit	0	0	0	0	1
Belaga	0	0	0	0	1
Tatau	0	0	0	0	0
Bintulu	0	0	3	14	27
Miri	0	0	0	1	6
Marudi	0	0	0	0	0
Limbang	0	0	1	1	2
Lawas	0	0	1	1	1
TOTAL	0	0	13	46	92



No A(H1N1)_{pdm09} positive case reported in Epid. Week 4, 2012 compared to 13 cases reported for the same Epid. Week 2011.

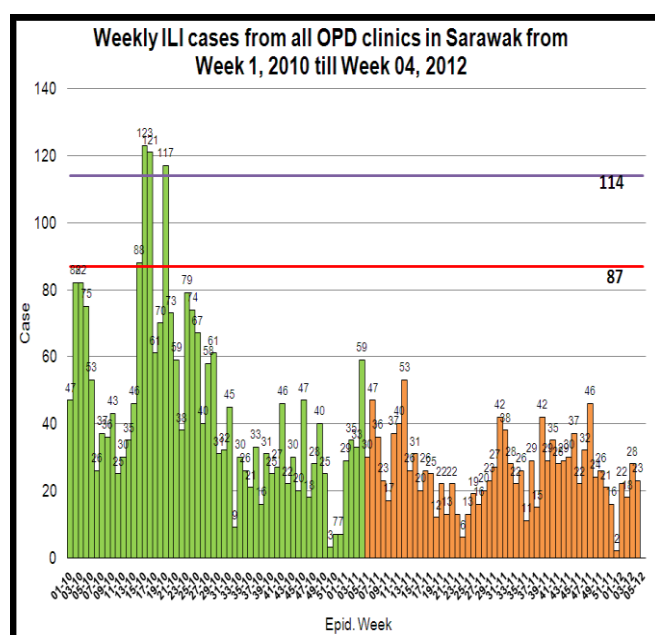
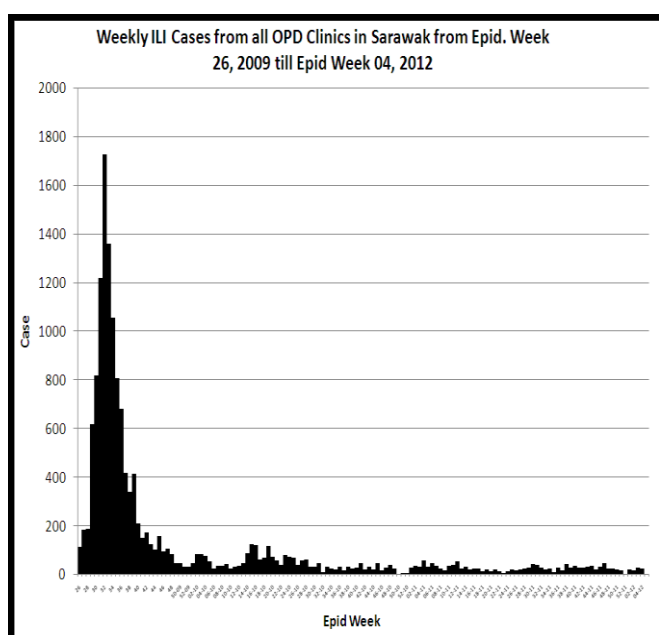
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid. Week 1 in 2010 till Epid. Week 4 in 2012.



In Epid. Week 4, 2012, six ILI cases reported from 23 Sentinel clinics and all OPD clinics.

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).

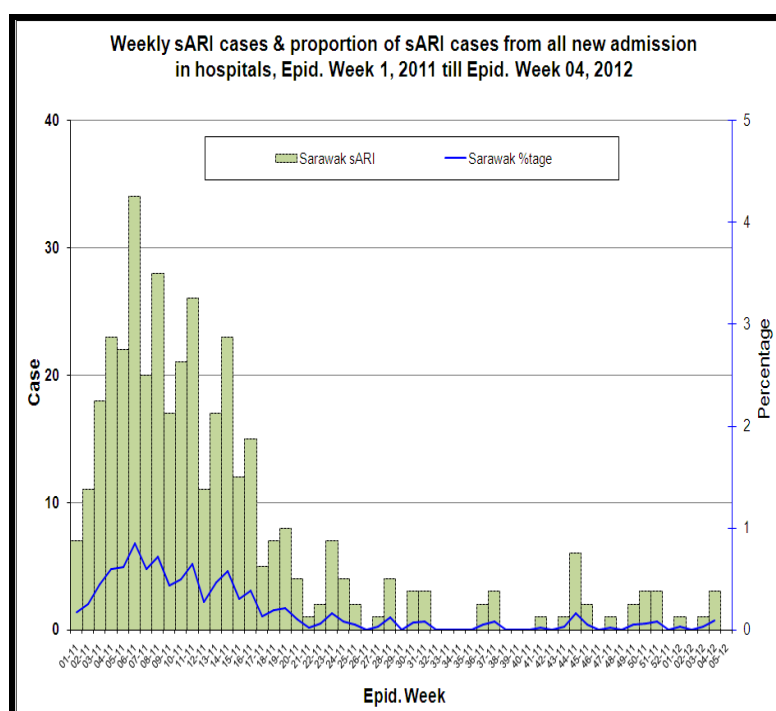


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI H1N1 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI surveillance 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 28th January 2012.

No ILI cluster reported. The latest 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 at 28th January 2012.

Division	Hospital	New EW 4	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	0	5	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	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	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	4	5	1	0	3	0	0	4	0
Miri	Miri	0	0	0	0	0	0	0	0	0
	Marudi	0	0	0	0	0	0	0	0	0
Limbang	Limbang	0	0	0	0	0	0	0	0	0
	Lawas	0	0	0	0	0	0	0	0	0
Total		4	10	1	0	3	0	0	4	0

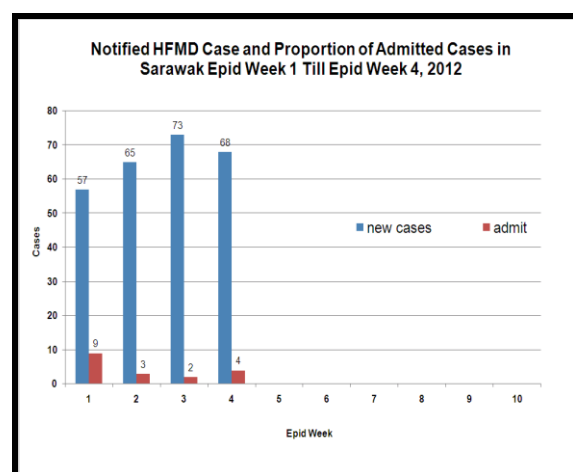
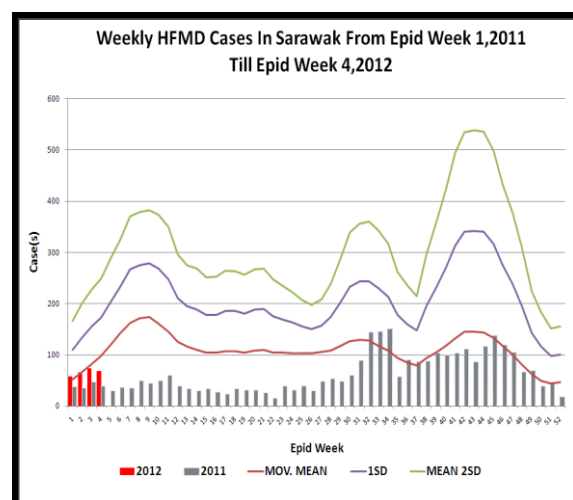
EW = Epid. Week; Cum. = Cumulative figure

Four sARI cases reported in Epid. Week 4, 2012 from Bintulu Hospital. All laboratory results for Influenza A(H1N1)_{pdm09} are still pending.

10.2. Notified HFMD (masterlist) cases for Epid. Week 3, 2012 compared to Epid. Week 3, 2011 and cumulative cases in Epid. Week 3, 2011.

District / Division	2012		2011		Total
	EW 4	Cum.	EW 4	Cum.	
Lundu	0	0	3	18	602
Bau	2	5	1	3	149
Kuching	31	81	0	1	31
KUCHING	33	86	4	22	782
Samarahan	1	3	0	0	127
Asajaya	0	0	0	0	35
Simunjan	0	1	0	0	19
Serian	4	13	0	0	39
SAMARAHAN	5	17	0	0	220
Sri Aman	3	5	0	1	97
Lubok Antu	0	2	0	0	18
SRI AMAN	3	7	0	1	115
Betong	0	5	0	2	57
Saratok	3	10	1	10	37
BETONG	3	15	1	12	94
Sarikei	0	6	6	9	188
Meradong	0	3	0	1	73
Pakan	0	0	0	1	7
Julau	0	1	0	0	32
SARIKEI	0	10	6	11	300
Daro	0	0	0	0	7
Matu	0	0	0	0	4
Dalat	3	5	0	12	84
Mukah	0	0	2	6	42
MUKAH	3	5	2	18	137
Sibu	1	8	3	11	149
Kanowit	0	1	0	0	6
Selangau	0	0	0	0	22
SIBU	1	9	3	11	177
Song	1	1	1	2	64
Kapit	3	27	0	0	12
Belaga	1	11	0	4	55
KAPIT	5	39	1	6	131
Tatau	13	18	9	41	747
Bintulu	0	24	0	5	25
BINTULU	13	42	9	46	772
Miri	0	26	8	24	324
Marudi	0	0	1	2	49
MIRI	0	26	9	26	373
Limbang	0	1	0	0	65
Lawas	2	6	0	0	4
LIMBANG	2	7	0	0	69
SARAWAK	68	263	35	153	3170

EW = Epid. Week; Cum. = Cumulative figure



A total of 68 HFMD cases reported in Epid. Week 4, 2012 compared to 35 cases during the same period in 2011.

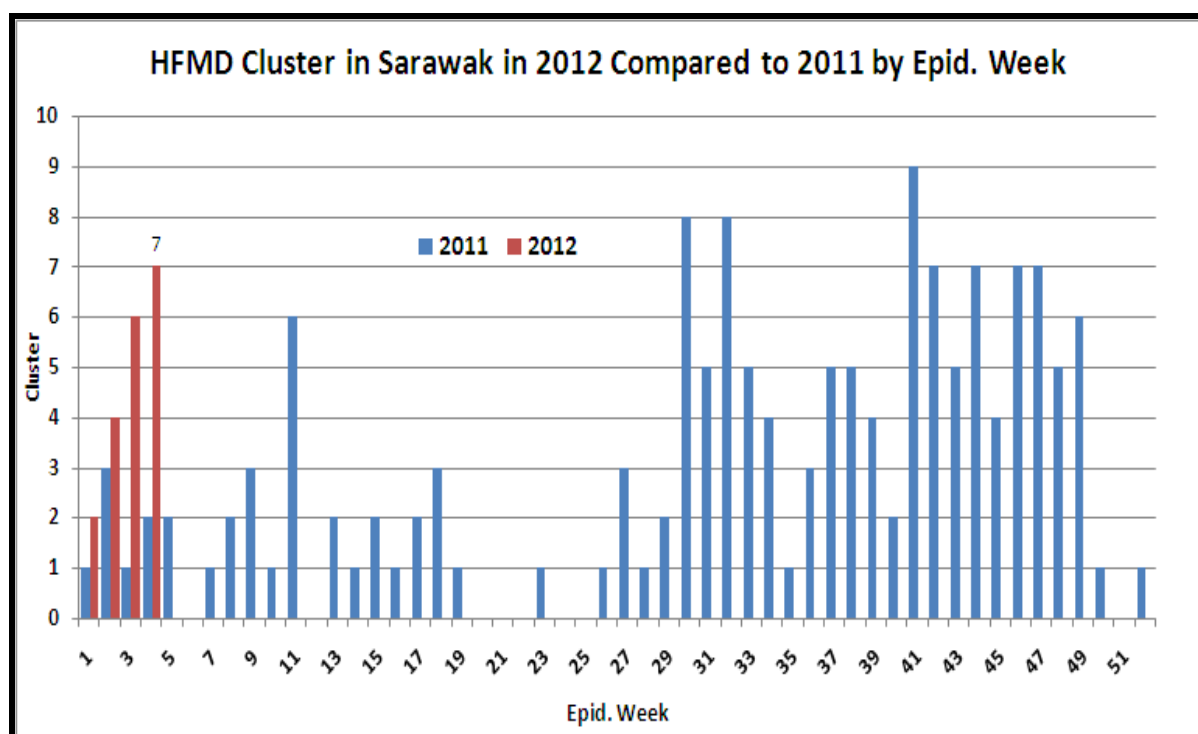
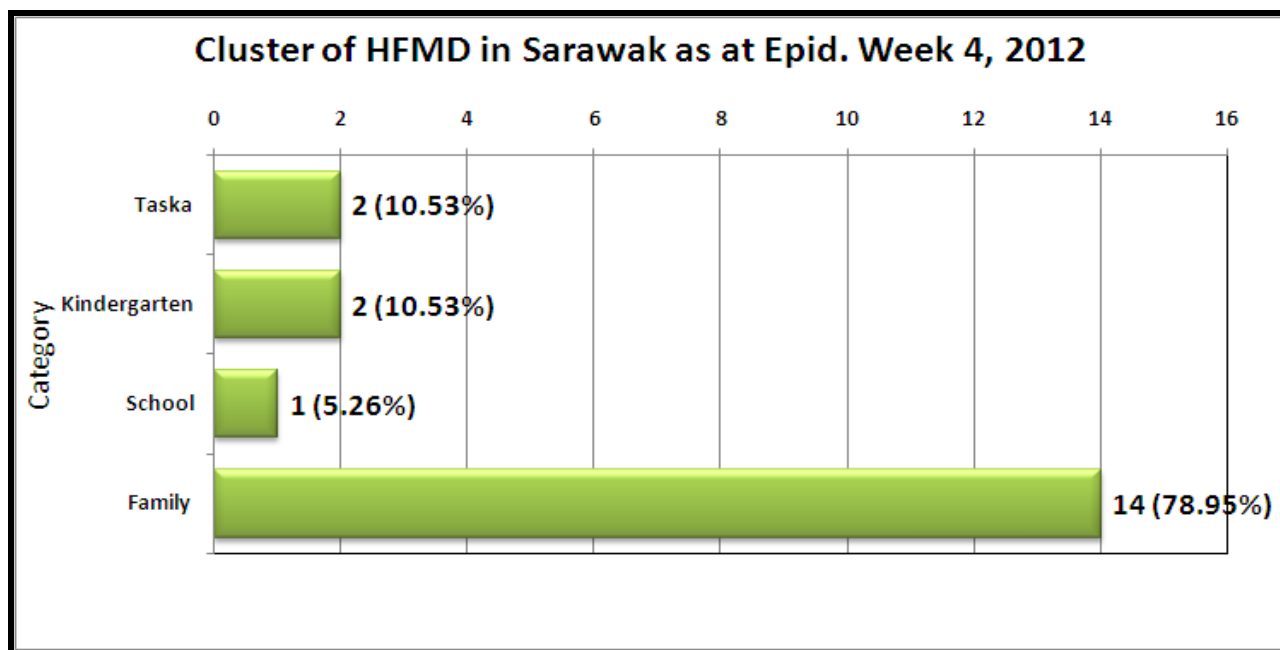
10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 28th January 2012.

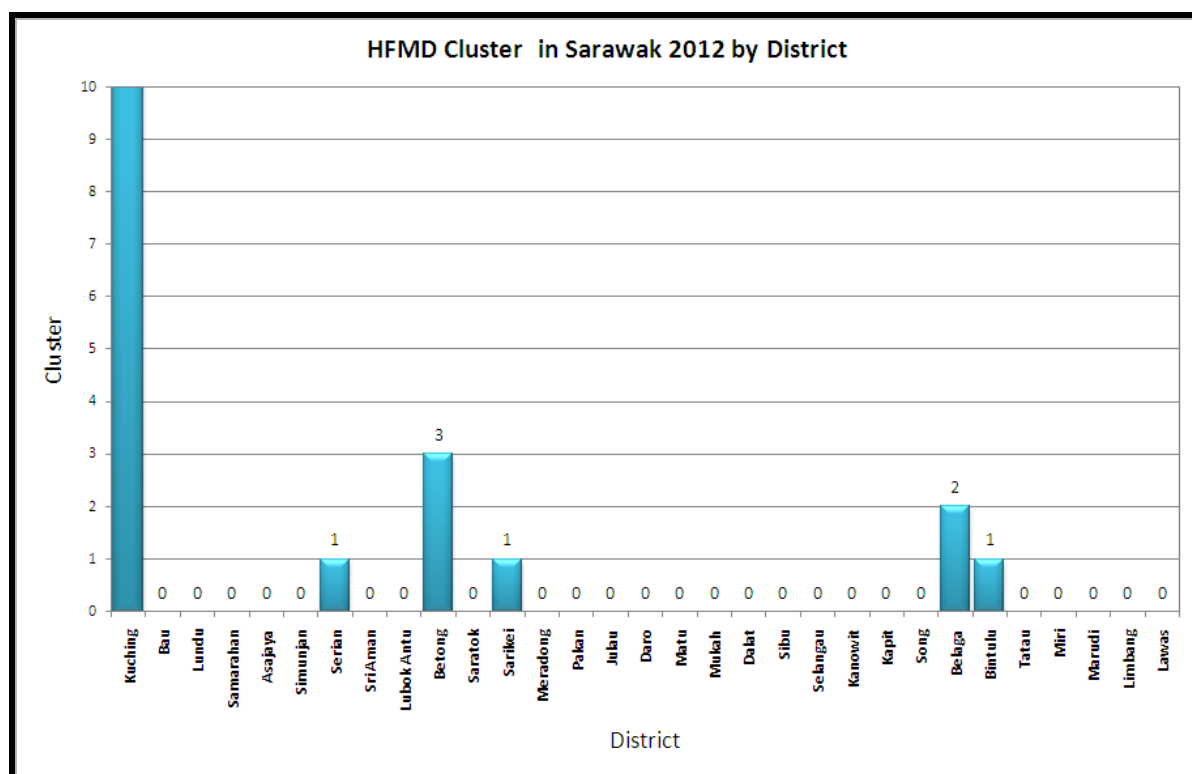
District	Masterlist		Registered Case		Back Log	
	EW 4	Total	EW 4	Total	Ew 4	Total
Kuching	31	81	25	75	6	6
Bau	2	5	1	4	1	1
Lundu	0	0	0	0	0	0
KUCHING	33	86	26	79	7	7
Samarahan	1	3	0	1	1	2
Asajaya	0	0	0	0	0	0
Simunjan	0	1	0	1	0	0
Serian	4	13	3	12	1	1
SAMARAHAN	5	17	3	14	2	3
Sri Aman	3	5	3	5	0	0
Lubok Antu	0	2	0	1	0	1
SRI AMAN	3	7	3	6	0	1
Betong	0	5	0	2	0	3
Saratok	3	10	1	6	2	4
BETONG	3	15	1	8	2	7
Sarikei	0	6	0	5	0	1
Meradong	0	3	0	2	0	1
Pakan	0	0	0	0	0	0
Julau	0	1	0	1	0	0
SARIKEI	0	10	0	8	0	2
Daro	0	0	0	0	0	0
Matu	0	0	0	0	0	0
Mukah	0	0	0	0	0	0
Dalat	3	5	3	5	0	0
MUKAH	3	5	3	5	0	0
Sibu	1	8	1	6	0	2
Selangau	0	0	0	0	0	0
Kanowit	0	1	0	1	0	0
SIBU	1	9	1	7	0	2
Kapit	3	27	0	22	3	5
Song	1	1	1	1	0	0
Belaga	1	11	1	11	0	0
KAPIT	5	39	2	34	3	5
Bintulu	13	37	1	19	12	18
Tatau	0	5	0	3	0	2
BINTULU	13	42	1	22	12	20
Miri	0	26	0	20	0	6
Marudi	0	0	0	0	0	0
MIRI	0	26	0	20	0	6
Limbang	0	1	0	1	0	0
Lawas	2	6	2	5	0	1
LIMBANG	2	7	2	6	0	1
SARAWAK	68	263	42	209	26	54

10.2.2. Cumulative HFMD Clusters as of 21st January 2012.

Seven HFMD clusters were reported in Epid. Week 4, 2012 involving one primary school from Kuching district and six family clusters from Kuching (4) and Betong (2) district.

As at 28th January 2012, a total of twelve (19) clusters reported. Of these, 14 (78.95%) were family clusters, two kindergartens (10.53%), two taska (10.53%) and one school (5.26%).





10.3. Notified Leptospirosis cases for Epid. Week 4, 2012 compared to Epid. Week 4, 2011 and cumulative cases till Epid. Week 4 in 2012.

District	Case classification (positive)				Total positive leptospirosis		
	Confirmed		Probable		2012	2011	2010
	EW 3 2012	EW 3 2011	EW 3 2012	EW 3 2011			
Bau	0	0	0	0	0	4(1)	1
Lundu	0	0	0	0	0	7	0
Kuching	0	0	0	0	0	36(2)	12
Asajaya	0	0	0	0	0	3	0
Samarahan	0	0	0	0	0	3	1
Serian	0	0	0	0	0	10(1)	2
Simunjan	0	0	0	0	0	8(1)	1
Sri Aman	0	0	0	0	0	11(2)	1
Lubok Antu	0	0	0	0	0	11	3(1)
Betong	0	0	0	0	0	4(1)	0
Saratok	0	0	0	0	0	5	0
Sarikei	0	0	0	0	0	0	1
Meradong	0	0	0	0	0	21	1
Pakan	0	0	0	0	0	3	1
Julau	0	0	0	0	0	0	1
Dalat	0	0	0	0	0	0	0
Mukah	0	0	0	0	0	2	1
Daro	0	0	0	0	0	1(1)	1
Matu	0	0	0	0	0	0	0
Belawai	0	0	0	0	0	1	0
Sibu	0	0	0	0	0	2	6
Kanowit	0	0	0	0	0	4	1
Selangau	0	0	0	0	0	3	0
Song	0	0	0	0	0	1	2
Kapit	0	0	0	0	0	12	1
Belaga	0	0	0	0	0	7(1)	0
Tatau	0	0	0	0	0	1	0
Bintulu	0	0	0	0	0	9(3)	6
Miri	0	0	0	0	0	11	3
Marudi	0	0	0	0	0	2	2
Limbang	0	0	0	0	0	2(1)	1
Lawas	0	0	0	0	0	0	0
Total	0	0	0	0	0	184 (14)	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

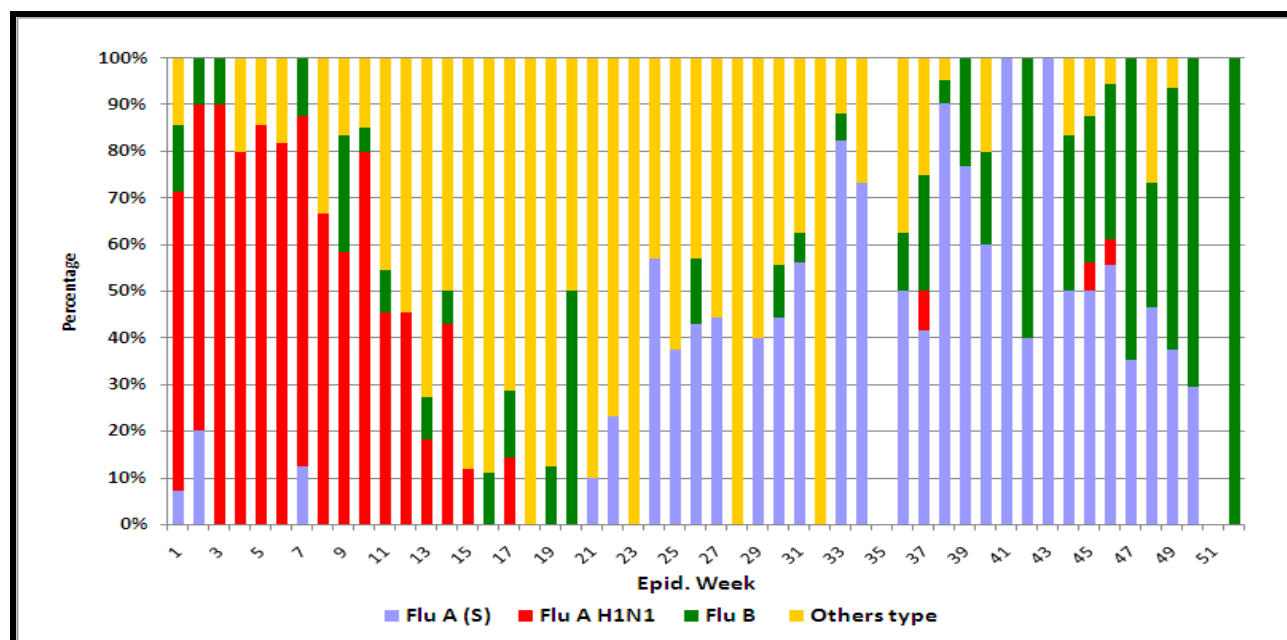
10.4. Notified Melioidosis cases for Epid. Week 4, 2011 compared to Epid. Week 4, 2011 and cumulative cases until Epid. Week 4, 2012.

District	Blood test result				Total positive		
	Positive				2012	2011	2010
	Culture		Serology				
	EW 3/2012	EW 3/2011	EW 3/2012	EW 3/2011			
Bau	0	0	0	0	0	1	0
Lundu	0	0	0	0	0	0	0
Kuching	0	0	0	0	0	4	12(1)
Asajaya	0	0	0	0	0	0	0
Samarahan	0	0	0	0	0	0	0
Serian	0	0	0	0	0	1	1(1)
Simunjan	0	0	0	0	0	0	0
Sri Aman	0	0	0	0	0	3	0
Lubok Antu	0	0	0	0	0	1	0
Betong	0	0	0	0	0	0	2
Saratok	0	0	0	0	0	0	1(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
Dalat	0	0	0	0	0	0	1
Mukah	0	0	0	0	0	2	3(1)
Daro	0	0	0	0	0	0	0
Matu	0	0	0	0	0	0	0
Belawai	0	0	0	0	0	0	0
Sibu	0	0	0	0	0	2	5(1)
Kanowit	0	0	0	0	0	1	1
Selangau	0	0	0	0	0	5	6(2)
Song	0	0	0	0	0	1	7(2)
Kapit	0	0	0	0	0	61(3)	162(1)
Belaga	0	0	0	0	0	21(4)	28(1)
Tatau	0	0	0	0	0	4(1)	14(4)
Bintulu	0	0	0	0	0	5	49(1)
Miri	0	0	0	0	0	6(2)	35(1)
Marudi	0	0	0	0	0	1	7
Limbang	0	0	0	0	0	0	2
Lawas	0	0	0	0	0	0	1(1)
Total	0	0	0	0	0	119 (10)	343(18)

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

11. LABORATORY BASED SURVEILLANCE

11.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah*) from Epid Week 1 till Epid Week 52, 2011.



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

In Malaysia, as at Epid Week 52, 2011, a total of 3,990 throat swab specimens were analysed at MKAK Sungai Buloh. Of these, 540 specimens isolated various types of influenza virus i.e. virus Flu A(H1N1)_{pdm09} (101), Flu A (s) [259], Flu B (116), and other types of virus (143). Other viruses which are under category of others-type: Adenovirus (95), Paramyxovirus (15), RSV (1), Enterovirus (1) and other viruses (51).

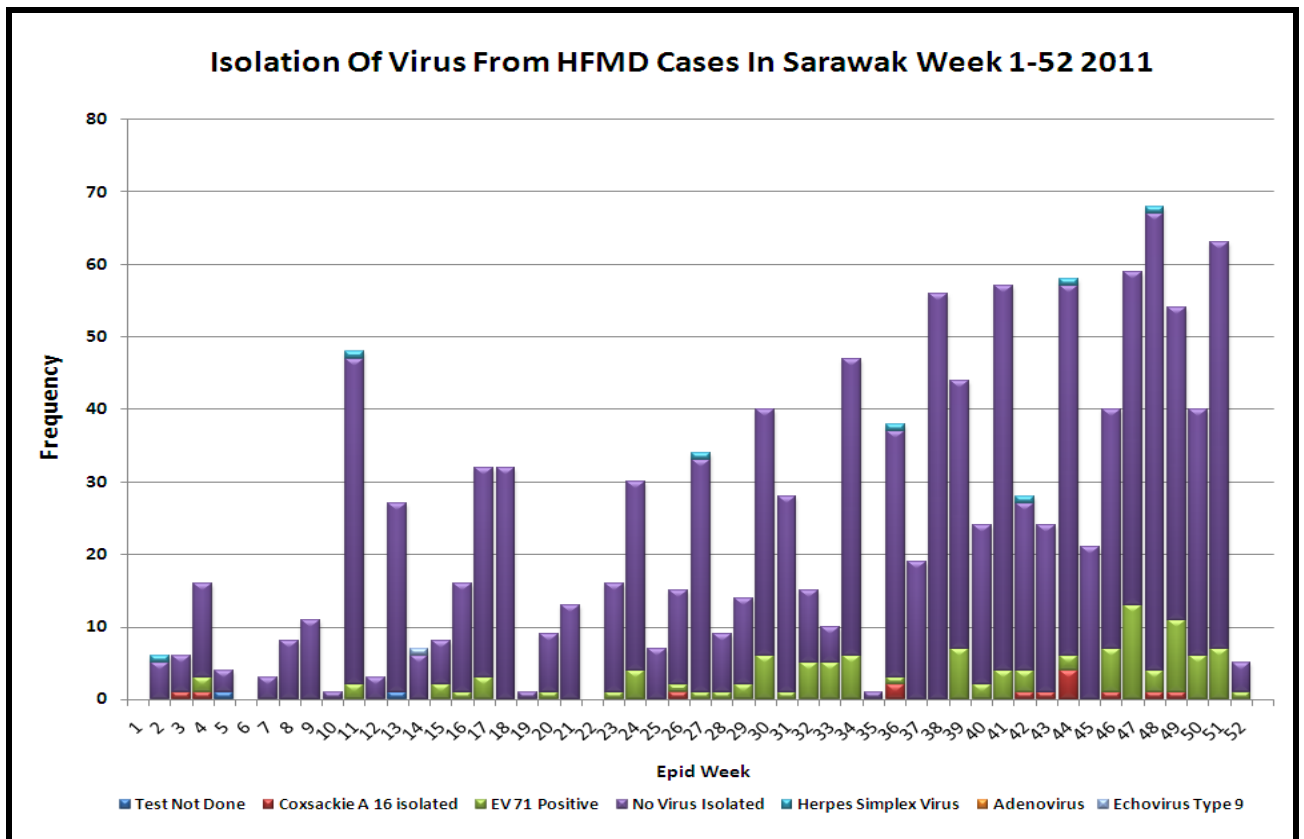
11.2. Laboratory Based Surveillance for Measles in Malaysia

In Malaysia, as at Epid. Week 1, 2012, a total of 101 serum specimens for serology test were sent to MKAK Sg. Buloh and MKAK Kota Kinabalu. Of these, 45 were positive for IgM Measles (with 2 equivocal) and 3 positive for Rubella.

For Sarawak, as at Epid Week 1, 2012, a total of 17 specimens for serology test were sent to MKAK Sg Buloh but none are positive for IgM Measles and Rubella.

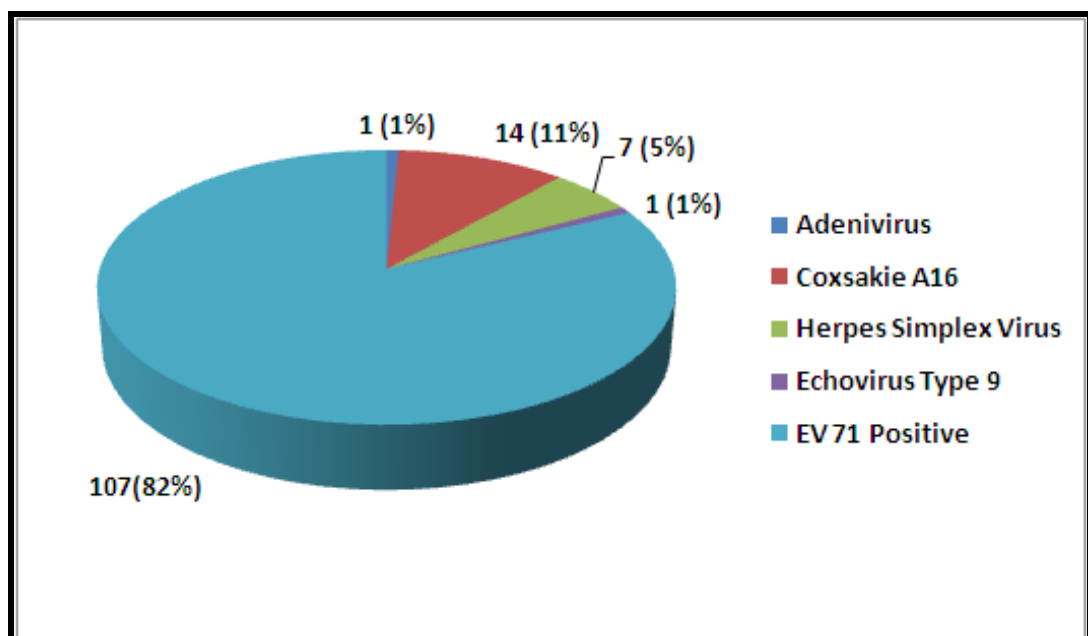
In 2011, Sarawak Health Department sent a total of 360 serum specimens for serology test to MKAK Sg. Buloh. Of these, 40 were positive for IgM Measles (with 6 equivocal) and 40 positive for Rubella (with 17 equivocal).

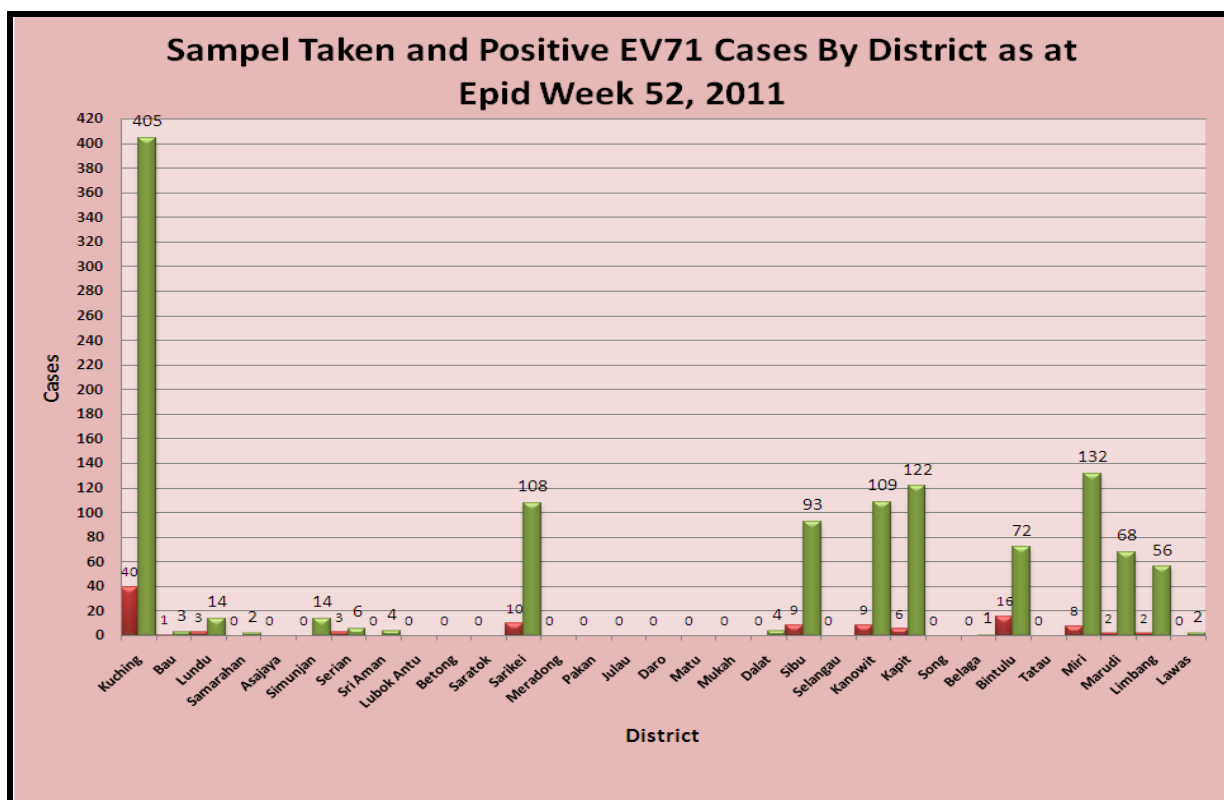
11.3. Laboratory Based Surveillance for HFMD in Sarawak from Epid Week 1 till Epid Week 52, 2011.



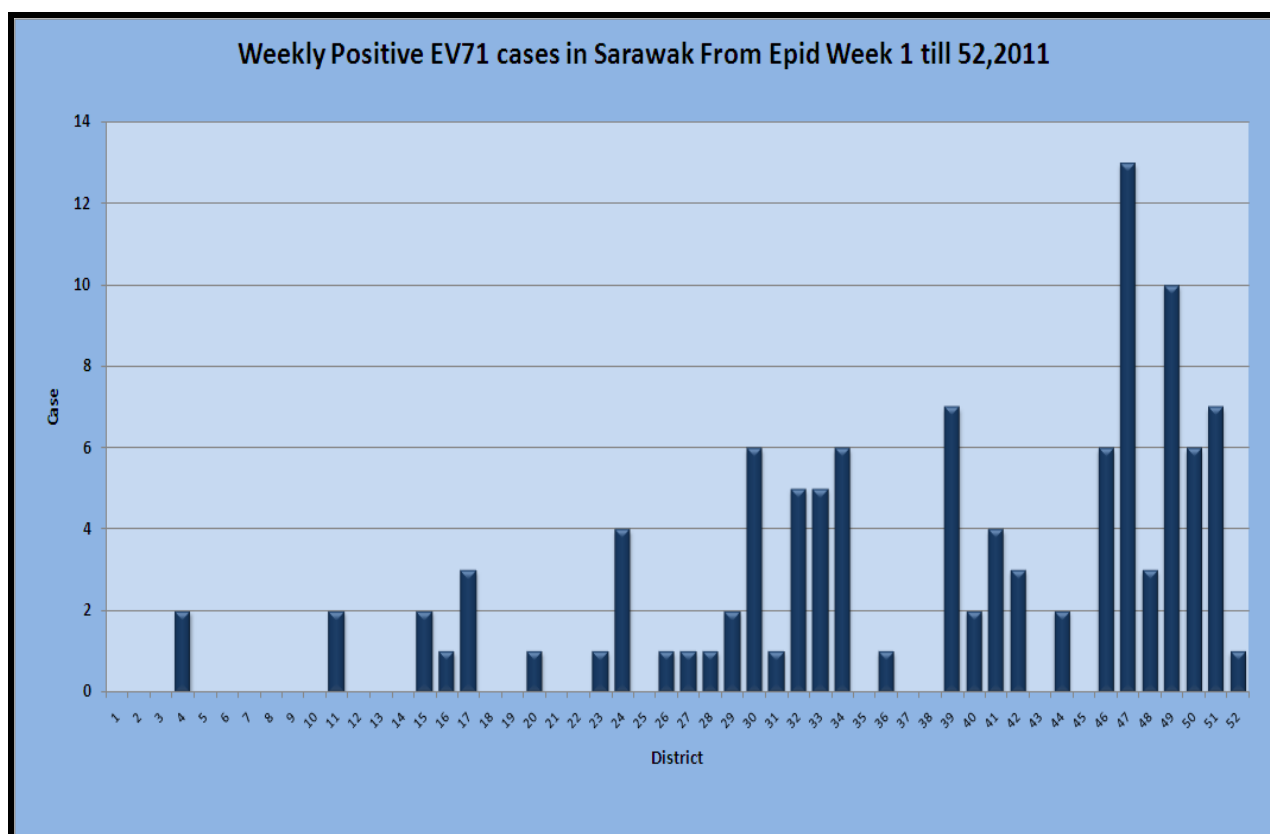
*results from EW 1, 2012 onwards are still pending

In Sarawak, as at Epid. Week 52, 2011, a total of 1216 specimens were sent to MKAK Sg. Buloh for viral isolation. Of these, 131 specimens isolated viruses: EV71 (107), Coxsackie A16 (14), Herpes Simplex (HSV 1) [7], Adenovirus (1) and Echovirus Type 9 (1).





*results from EW 1, 2012 onwards are still pending



*results from EW 1, 2012 onwards are still pending

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)

The addresses and contact numbers of the Medical Officer of Health/Divisional Health Officers in Sarawak are listed below (as at 14th January 2011):

No.	Name/Designation	Office address	E-mail address	Tel. / Fax / Handphone number
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2	Ketua Penolong Pengarah Dr. Noorzilawati Sahak	Seksyen Kawalan Penyakit Berjangkit, Jabatan Kesihatan Negeri Sarawak.	drnoorzila@gmail.com	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 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
5	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
6	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
7	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
8	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
9	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
10	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
11	Pegawai Kesihatan Bahagian Bahagian Bintulu Dr. Abdul Rahim Abdullah	Pejabat Kesihatan Bahagian, Bahagian Bintulu, Lebuhraya Abang Galau, 97000 BINTULU.	dr.abdrahim@srwk.moh.gov.my	Tel: 086-331455 Fax: 086-661814 Hp: 013-3440575
12	Pegawai Kesihatan Bahagian Bahagian Miri Dr. Faizul Mansoor	Pejabat Kesihatan Bahagian, Bahagian Miri, Jalan Temenggong Oyong Lawai Jau, 98000 MIRI.	bmfaizul@srwk.moh.gov.my	Tel: 086-424722 Fax: 086-429987 Hp: 013-8335504
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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.