



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

WEEK 01

1st – 7th January 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

In. Epid. Week 1, 2012, Sarawak Health Department received reports of leptospirosis outbreak among army recruits from Kuching, measles outbreak among family members from Miri, and two HFMD family clusters from Kuching and Belaga districts.

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SARAWAK
State Health Department

CPRC (CRISIS PREPAREDNESS AND RESPONSE CENTRE)

Communicable Disease Control Section, Sarawak Health Department

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2. NEW OUTBREAKS/CLUSTERS

No	Disease	District	Locality	Case (No)	Outbreak declared
1	Leptospirosis	Kuching	*Blok G10, Kem Semenggok	2	31.12.2011
2	Measles	Miri	Pujut Padang Kerbau	4	04.01.2012
3	HFMD	Belaga	Blok B, Rh. Balui Ukap	2	04.01.2012
4		Kuching	Lorong 3, Jalan Stakan	3	03.01.2012

* Late notification to CPRC Sarawak Health Department.

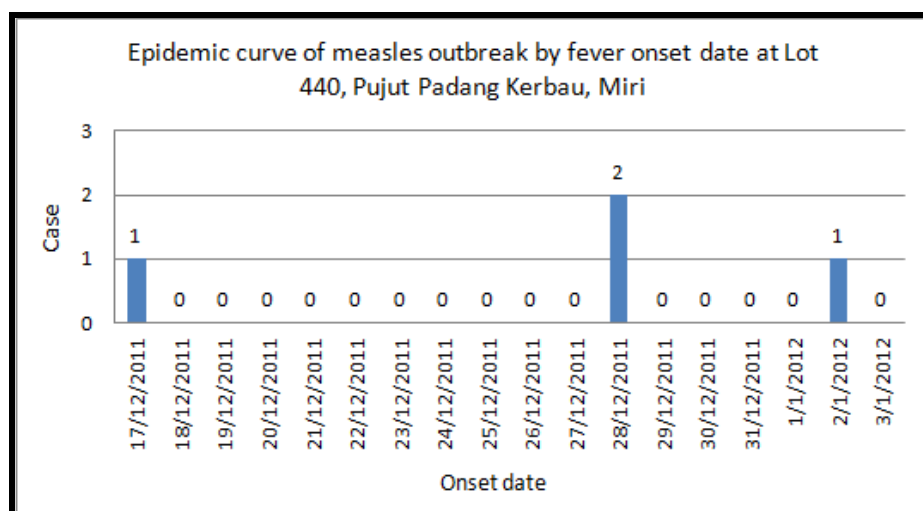
There were four outbreaks were reported in Epid. Week 1, 2012 to Sarawak Health Department.

2.1. Preliminary report on Leptospirosis outbreak at Blok G10, Kem Semenggok, Kuching

Kuching Divisional Health Office was notified about a suspected leptospirosis outbreak on 30.12.2011 by Sarawak General Hospital (SGH). The incident involved two army recruits from Blok G10, Kem Semenggok, Kuching where one of them was admitted in SGH. The clinical presentations were joint pain, shortness of breath, and muscle ache. The first onset was on 23.12.2011 and the second was 27.12.2011. Both blood serology tests were positive for leptospirosis (rapid test). The Kuching DHO team suspected that the source of infection is from the patients' place of staying i.e. Blok G10, Kem Semenggok, Kuching.

2.2. Preliminary report on measles outbreak at Lot 440, Pujut Padang Kerbau, Miri

Miri Divisional Health Office was notified about a suspected measles outbreak involved four Penan siblings on 3.1.2012 by Miri Hospital. All of them were admitted where blood IgM serology for measles were taken from them. The index case is positive for measles IgM. The age of the cases range from 3 to 8 years old and all of them did not received MMR vaccination.



3. MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 1, 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														
Bau																											
Kuching						1				1	12										4						
Samarahan						1					2																
Asajaya																											
Simunjan																					1						
Serian											1																
Sri Aman															1												
L/ Antu						1					1										1						
Betong													3														
Saratok											2																
Sarikei						1					3																
Meradong						1															1						
Pakan/Julau													3								1						
Daro																											
Matu																											
Dalat											1		1														
Mukah																					4						
Sibu											1		4								1						
Kanowit													1														
Selangau																											
Song						1							1														
Kapit											2		12														
Belaga													1														
Tatau											4		5														
Bintulu										1	10				1			1									
Miri						2					10		1		6						2						
Marudi													8														
Limbang															1												
Lawas													3														
TOTAL (Week 1)	0/0	0	0	0	0	10	0	0	0	2	49	0	44	0	9	0	0	0	1	0	15	0	0	0	0	0	0
Total (2012)	0/0	0	0	0	0	10	0	0	0	2	49	0	44	0	9	0	0	0	1	0	15	0	0	0	0	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.

3.1. Surveillance report on food-water borne diseases

3.1.2. Summary of total number of food-water borne diseases in Sarawak in Epid. Week 1, 2012

Division	Food poisoning outbreak	Dysentery		Typhoid & paratyphoid fever		Cholera	Hepatitis A	
		S	C	S	C		S	C
Kuching	0	0	0	0	0	0	0	0
Samarahan	0	0	0	0	0	0	0	0
Sri Aman	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
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	0	0	0	0	0	0	0	0
Limbang	0	0	0	0	0	0	0	0
Sarawak	0	0	0	0	0	0	0	0

Note: S = suspected; C = confirmed

3.1.3. Food Poisoning

No food poisoning outbreak reported in Epid. Week 1, 2012.

3.1.4. Cholera

No case reported in Epid. Week 1, 2012.

3.1.5. Dysentery

No case reported in Epid. Week 1, 2012.

3.1.6. Typhoid and paratyphoid fever

No case of typhoid and paratyphoid fever reported in Epid. Week 1, 2012.

3.2. Surveillance report on vaccine preventable diseases

3.2.1. Summary of total number of Vaccine Preventable Diseases by division in Epid. Week 1, 2012

Division	Diphtheria		Measles				Rubella	Polio		Tetanus		Pertussis		Hepatis B		Hepatis c	
	S	C	Suspected (registered case in SM2)	Confirmed			Lab. Confirmed	S	C	S	C	S	C	Acute	Chronic	Acute	Chronic
				Lab. Confirmed	Clinically Confirmed	Epid. Link											
Kuching	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Samarahan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sri Aman	0	0	1	0	0	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	0	0	0	0	0
Sarikel	0	0	1	0	0	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	0	0	0	0	0
Kapit	0	0	0	0	0	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	0	0	0	0	0
Bintulu	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miri	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Limbang	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SARAWAK	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: S = suspected; C = confirmed

3.2.2. Notified suspected measles cases in Epid. Week 1, 2012

District	Case Summary
Sarikei (1 case)	<p>Locality: Jalan Durian, Sarikei</p> <ul style="list-style-type: none"> ➤ 7 m.o / female / Murut (Sabahan) ➤ Symptoms: <ul style="list-style-type: none"> ○ Fever: 28/12/11 (seen by GP in Tawau), ○ Rashes: 1/2/12 ○ Cough, and diarrhoea ➤ Blood specimen: 3/1/12 ➤ Date of diagnosis: 2/1/12 by Sarikei Hospital ➤ Notified: 2/1/12 @ 5.25 pm ➤ Investigated: 3/1/12 ➤ Contacts: no symptoms ➤ Travelling history: in Tawau, Sabah from 12/12/11 until 29/12/2011 ➤ MMR vaccination status: not eligible
Bintulu (1 case)	<p>Locality: Rh Ambok, Tatau</p> <ul style="list-style-type: none"> ➤ 4 y.o / female / Iban ➤ Symptoms: <ul style="list-style-type: none"> ○ Fever: 27/12/11 ○ Rashes: 26/12/11 ➤ Blood specimen : 3/1/12 ➤ Date of diagnosis: 3/1/11 ➤ Notified: 3/1/12 ➤ Investigated: 4/1/12 ➤ MMR vaccination status: 1st dose on 26/11/2008
Miri (2 cases)	<p><u>Locality 1: Desa Senadin and RPR Tudan Permyjaya.</u></p> <ul style="list-style-type: none"> ➤ Still under investigation as of 9/1/12
Sri Aman (1 case)	<p><u>Taman Suria, Sri Aman</u></p> <ul style="list-style-type: none"> ➤ 23 yrs/F/Malay ➤ Symptoms: rashes only on 2/1/12 ➤ Blood specimen: 4/1/12 ➤ Date of diagnosis: 4/1/12 ➤ Notified : 4/1/12 ➤ Investigated: 5/1/12 ➤ Contacts: no symptoms
Limbang (1 case)	<p><u>Kampung Pundut Limbang .</u></p> <ul style="list-style-type: none"> ➤ Case still under investigation as on 9/1/12

3.3. Surveillance report on HIV/AIDS and STI

3.3.1. HIV/AIDS

No HIV case reported in Epid. Week 1, 2012.

3.3.2. Gonorrhoea

Two cases of gonorrhoea reported in Epid. Week 1, 2012; each from Kuching and Bintulu districts.

3.3.3. Syphilis

One syphilis case reported in Epid. Week 1, 2012 from Bintulu district.

3.4. Surveillance Report on TB and leprosy

3.4.1. Tuberculosis (all forms)

A total of 15 cases of tuberculosis (all forms) reported in Epid. Week 1, 2012. Out of 15 cases, one is foreigner.

3.4.2. Leprosy

No case reported in Epid. Week 1, 2012.

3.5. Surveillance Report on other infectious diseases

3.5.1. Viral Encephalitis

No viral encephalitis reported in Epid. Week 1, 2012.

3.6. Other infectious diseases

3.6.1. Filariasis

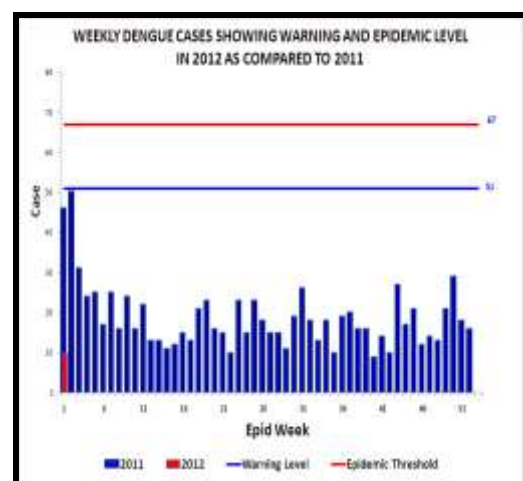
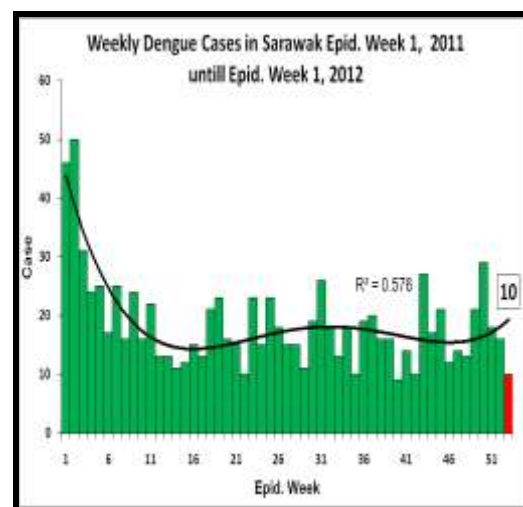
No case of filariasis reported in Epid. Week 1, 2012.

Note: Vector borne diseases and emerging and re-emerging infectious diseases will be discussed in their respective chapter.

4. VECTOR BORNE DISEASES: DENGUE, MALARIA AND CHIKUNGUNYA

4.1. Notified Dengue cases for Epid. Week 1, 2012 compared to Epid. Week 1, 2011 and cumulative cases on Epid. Week 1, 2012.

District	2012		2011		Total
	EW 1	Cum.	EW 1	Cum.	
Lundu	2	2	1	1	10
Bau	0	0	2	2	36
Kuching	1	1	3	3	106
Samarahan	1	1	0	0	21
Asajaya	0	0	0	0	4
Serian	0	0	2	2	18
Simunjan	0	0	2	2	19
Sri Aman	0	0	2	2	56
Lubok Antu	1	1	1	1	23
Betong	0	0	0	0	13
Saratok	0	0	0	0	11
Sarikei	1	1	0	0	28
Meradong	1	1	0	0	14
Pakan	0	0	0	0	23
Julau	0	0	0	0	17
Daro	0	0	1	1	6
Matu	0	0	0	0	1
Dalat	0	0	1	1	3
Mukah	0	0	0	0	5
Sibu	0	0	8	8	75
Kanowit	0	0	2	2	31
Selangau	0	0	0	0	10
Song	1	1	1	1	10
Kapit	0	0	3	3	32
Belaga	0	0	1	1	27
Tatau	0	0	2	2	47
Bintulu	0	0	5	5	100
Miri	2	2	5	5	134
Marudi	0	0	3	3	59
Limbang	0	0	0	0	20
Lawas	0	0	1	1	15
Sarawak	10	10	46	46	974



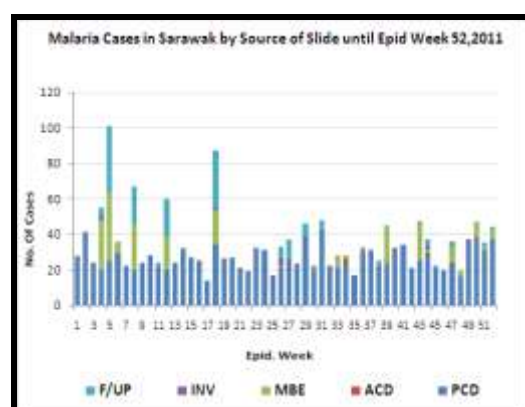
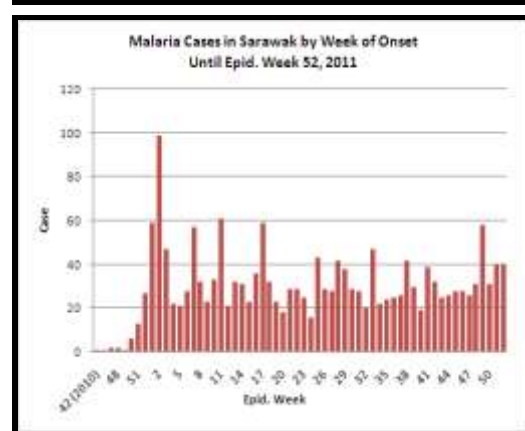
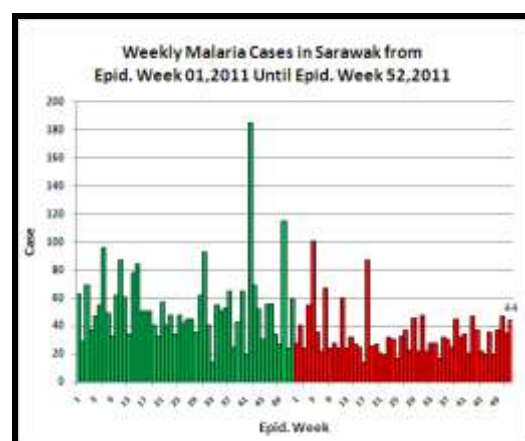
A total of 10 dengue cases reported in Epid. Week 1, 2012 compared to 46 cases during the same period in 2011.

No outbreak reported.

EW = Epid. Week; Cum. = cumulative figure

4.2. Notified Malaria cases for Epid. Week 52, 2011 compared to Epid. Week 52, 2010 and cumulative cases till Epid. Week 52 in 2011.

District	2011		2010		Total
	EW 52	Cum.	EW 52	Cum.	
Lundu	1	33	1	72	72
Bau	0	5	0	9	9
Kuching	0	23	0	27	27
Samarahan	0	3	1	2	2
Asajaya	0	1	0	0	0
Serian	0	21	0	58	58
Simunjan	0	2	0	17	17
Sri Aman	0	17	2	25	25
Lubok Antu	0	25	0	16	16
Betong	3	47	1	15	15
Saratok	0	3	0	4	4
Sarikei	0	16	0	8	8
Meradong	0	9	0	3	3
Pakan	0	29	0	14	14
Julau	3	69	0	34	34
Daro	0	2	0	1	1
Matu	0	2	0	1	1
Dalat	1	10	0	14	14
Mukah	0	2	0	6	6
Sibu	4	52	2	43	43
Kanowit	1	89	2	65	65
Selangau	0	16	0	9	9
Song	1	78	0	46	46
Kapit	12	230	0	134	134
Belaga	1	139	12	300	300
Tatau	5	34	0	12	12
Bintulu	0	39	3	39	39
Miri	1	40	1	32	32
Marudi	8	670	34	1734	1734
Limbang	0	21	0	29	29
Lawas	3	34	0	33	33
Sarawak	44	1761	59	2802	2802



A total of 44 cases were reported in Epid. Week 52, 2011. The cumulative cases till Epid. Week 52 were 1761 cases. Of the 1761 cases, 670 cases (38.0%) from Marudi District, 230 cases (13.0%) from Kapit District and 139 cases (8%) from 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)**

4.2.1. Malaria cases by slide source

Slides source	2011	
	EW 52	Cum.
Passive Case Detection (PCD)	37	1334
Active Case Detection (ACD)	0	17
Investigation slides (INV)	0	17
Mass Blood Survey (MBS)	6	228
Follow-up	1	165
Total	44	1761

4.2.2. Malaria cases by species

Species	2011	
	EW 52	Cum.
<i>P. vivax</i>	11	947
<i>P. falciparum</i>	6	98
<i>P. malariae</i>	6	311
<i>P. knowlesi</i>	21	399
<i>P. ovale</i>	0	1
Mixed	0	5
Total	44	1761

4.2.3. Malaria cases by case classification

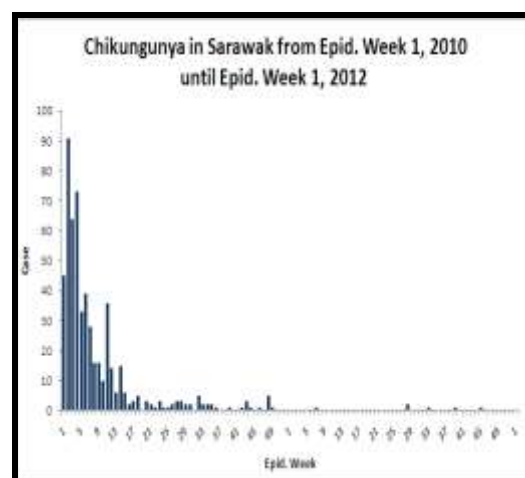
Classification	2011	
	EW 52	Cum.
Indigenous	38	1525
*Imported A	6	234
Relapsed	0	1
Congenital	0	1
Total	44	1761

4.2.4. The summary of the *Imported A cases

No.	District reported	Source of infection	Nationality	Age	Gender	Address in Sarawak	Species
1	Sibu	Papua New Guinea	Papua New Guinean	29	Female	No. 1C, Jalan Salim. Lorong 18F, Sibu	<i>P. falciparum</i>
2		KKB Rimbunan Hijau, South Laberia , South Africa	Malaysian	40	Male	Rh. Sandom, Sungai Pak, Durin, Sibu	<i>P. falciparum</i>
3	Dalat	Bontolia Ltd. Crocodile Point, Papua New Guinea	Malaysian	32	Male	Kg. Medong, Dalat	<i>P. malariae</i>
4	Tatau	Sengkawang, Sekua, Indonesia	Indonesian	22	Male	Kg. Lubok Belang, Rumah Ado, Sangan, Tatau	<i>P. falciparum</i>
5		Tian Soon Limited, Pulau Rabaul, Papua New Guinea	Malaysian	27	Male	Rumah Sudok, Batang Betungkat, Tatau	<i>P. vivax</i>
6	Kapit	KKB Oyama Samling, Brazil	Malaysian	54	Male	Nanga selentang Gaat, Rumah nading, Baleh, Kapit	<i>P. malariae</i>

4.3. Notified Chikungunya cases for Epid. Week 1, 2012 compared to Epid. Week 1, 2011 and cumulative cases in Epid. Week 1 in 2012.

District	2012		2011		
	EW 1	Cum.	EW 1	Cum.	Total
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 1, 2012.

EW = Epid. Week; Cum. = cumulative figure

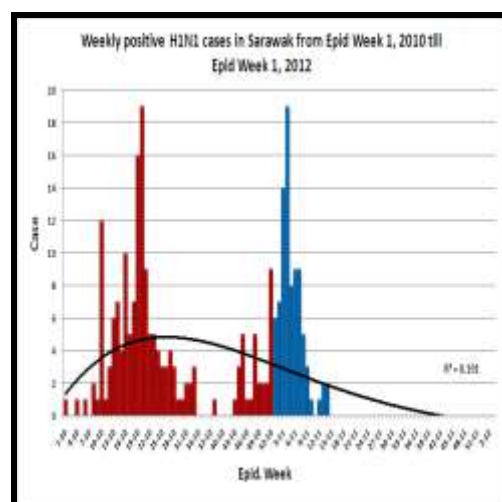
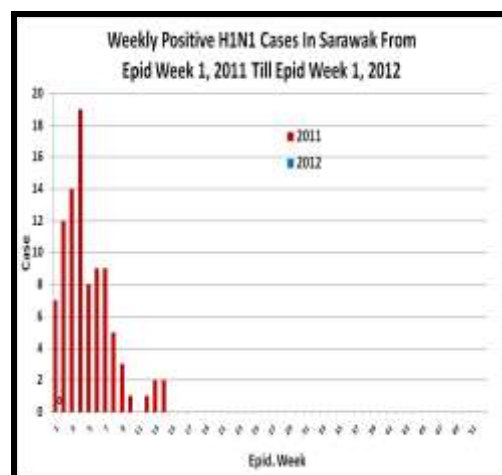
5. EMERGING/RE-EMERGING INFECTIOUS AND ZOOONOTIC DISEASES

5.1. H1N1

5.1.1 Positive Pandemic Influenza A (H1N1) cases for Epid. Week 1, 2012 compared to Epid. Week 1, 2011 and cumulative cases in Epid. Week 1 in 2012.

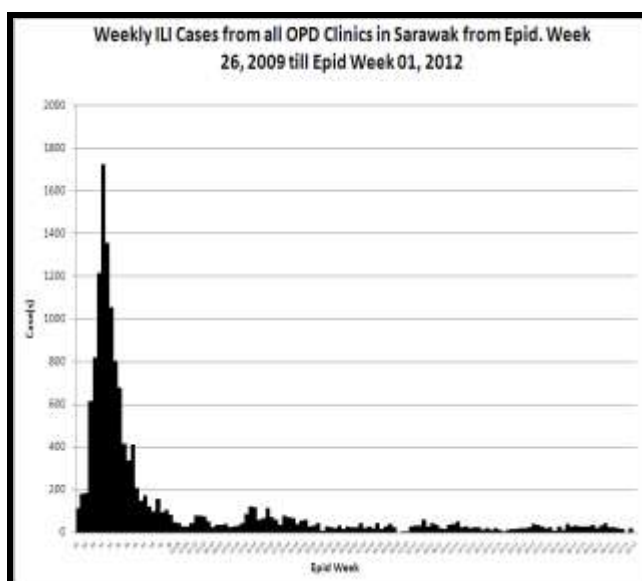
District	2012		2011		Total
	EW 1	Cum.	EW 1	Cum.	
Lundu	0	0	0	0	1
Bau	0	0	0	0	0
Kuching	0	0	6	6	51
Samarahan	0	0	0	0	0
Simunjan	0	0	0	0	0
Serian	0	0	0	0	0
Sri Aman	0	0	0	0	0
Lubok Antu	0	0	0	0	0
Betong	0	0	0	0	1
Saratok	0	0	0	0	0
Sarikei	0	0	0	0	0
Meradong	0	0	0	0	0
Julau	0	0	0	0	0
Daro	0	0	0	0	0
Dalat	0	0	0	0	0
Mukah	0	0	0	0	0
Sibu	0	0	0	0	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	1	1	27
Miri	0	0	0	0	6
Marudi	0	0	0	0	0
Limbang	0	0	0	0	2
Lawas	0	0	0	0	1
TOTAL	0	0	7	7	92

EW = Epid. Week; Cum. = cumulative figure



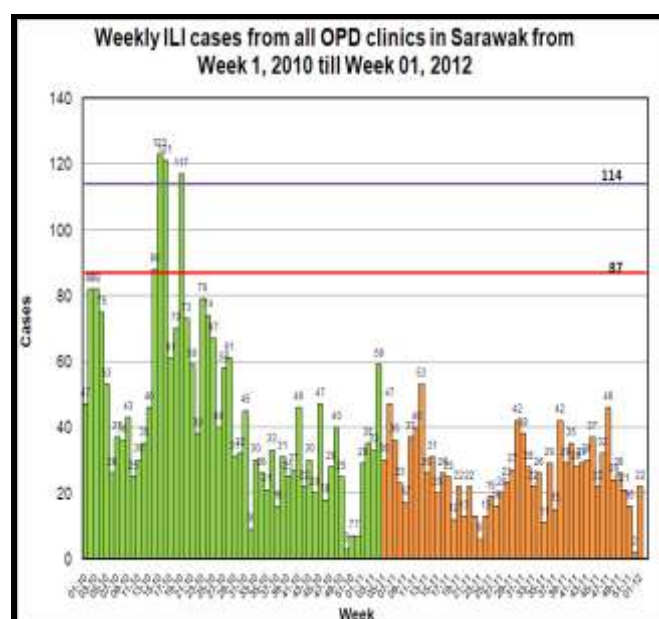
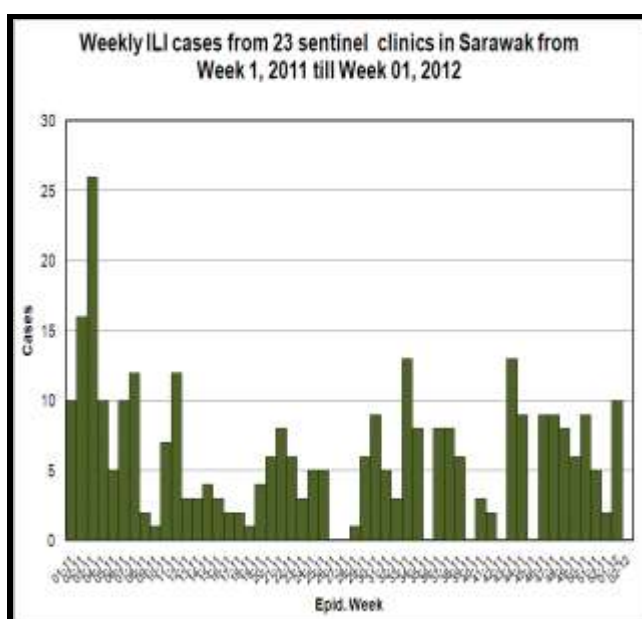
No H1N1 positive case reported in Epid. Week 1, 2012 compared to 7 cases in the same period in 2011.

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



In Epid. Week 1, 2012, no ILI case was 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).

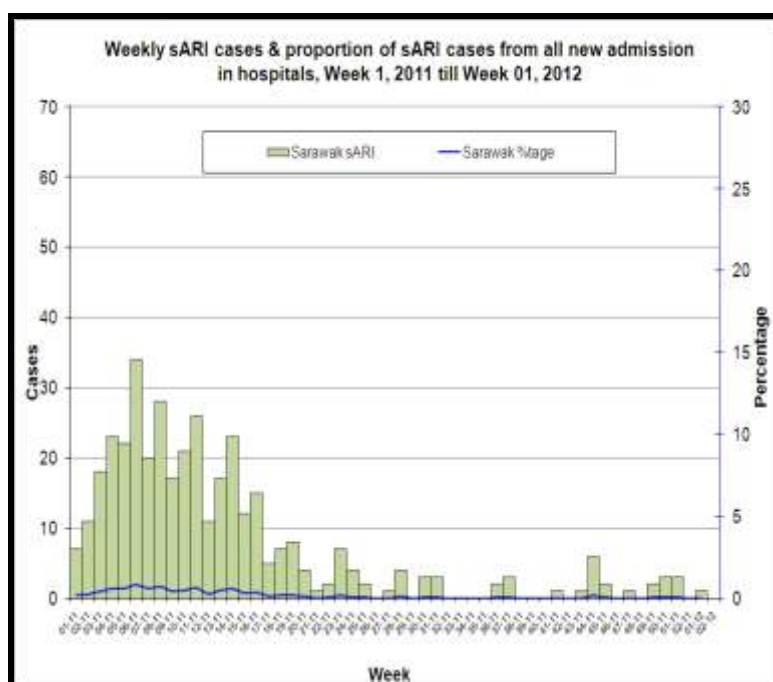


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI H1N1 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI surveillance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

5.1.3. New and Cumulative ILI Clusters as of 7th January 2012.

No ILI cluster reported as of 7th January 2012. The latest cluster was on 3rd November 2011.

5.1.4. 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)

5.1.5. Weekly Summary Report on sARI Admission in Government Hospitals in Sarawak as at 7th January 2012.

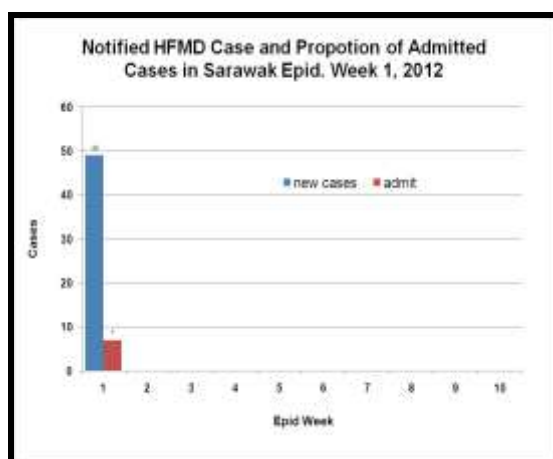
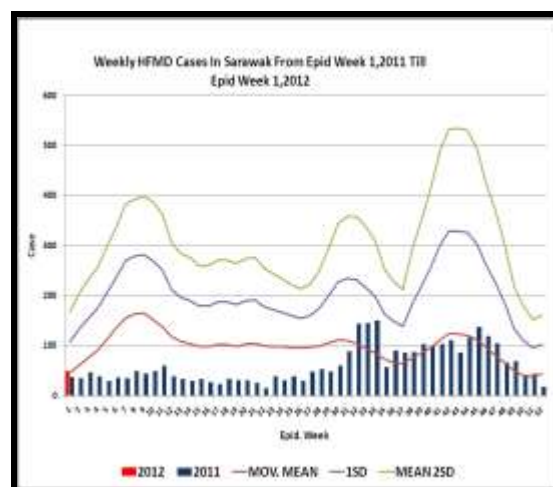
Division	Hospital	New EW 1	Cumulative 2012	No. of Inpatient			No. of Patient on Ventilator	Throat swabs		
				ICU	ISO	Other wards		Positive	Pending	Negative
Kuching	SGH Kuching	1	1	0	0	1	0	0	0	1
	Bau	0	0	0	0	0	0	0	0	0
	Lundu	0	0	0	0	0	0	0	0	0
	RCBM	0	0	0	0	0	0	0	0	0
	Sentosa	0	0	0	0	0	0	0	0	0
Samarahan	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	0	0	0	0	2	0	0	0	0
Miri	Miri	0	0	0	0	0	0	0	0	0
	Marudi	0	0	0	0	0	0	0	0	0
Limbang	Limbang	0	0	0	0	0	0	0	0	0
	Lawas	0	0	0	0	0	0	0	0	0
Total		1	1	0	0	3	0	0	0	1

EW = Epid. Week; Cum. = cumulative figure

One sARI case reported in Epid. Week 1, 2012 from SGH but negative for Influenza A (H1N1).

5.2. Notified HFMD (masterlist) cases for Epid. Week 1, 2012 compared to Epid. Week 1, 2011 and cumulative cases in Epid. Week 1, 2011.

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



A total of 49 HFMD cases reported in Epid. Week 1, 2012 compared to 37 cases during the same period in 2011.

EW = Epid. Week; Cum. = cumulative figure

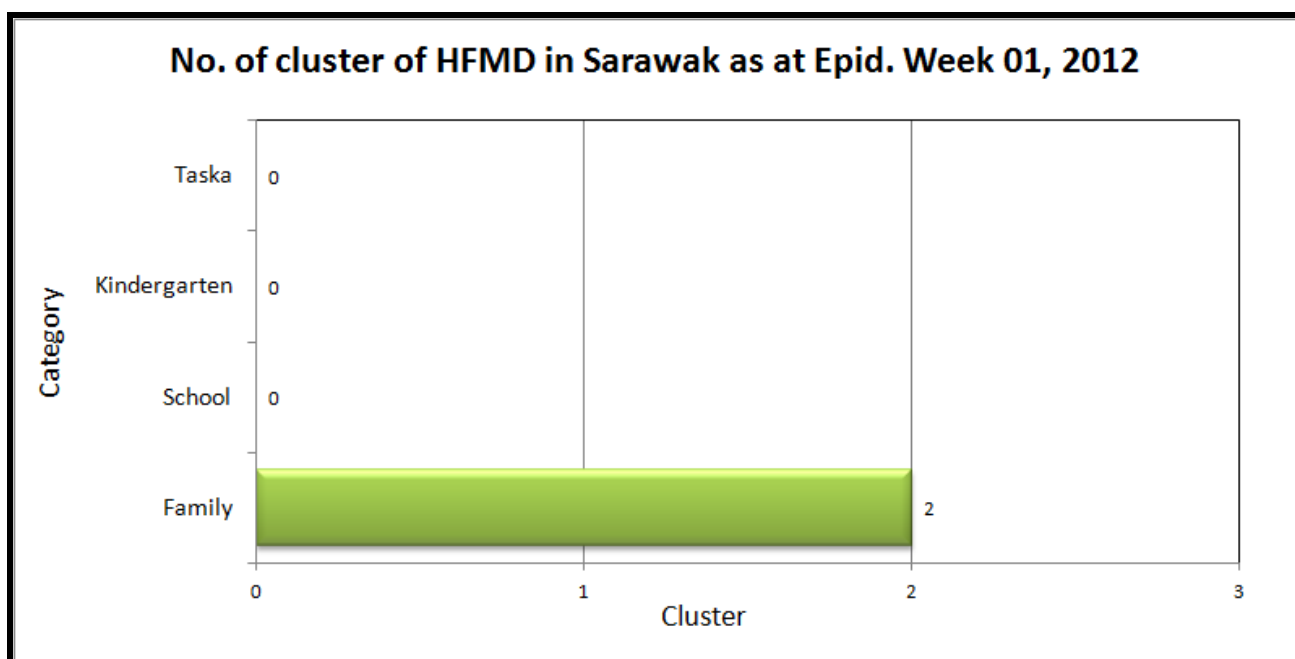
5.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in *e-Notifikasi* system by district as at 8th January 2012.

District	Masterlist		Registered Case		Back Log	
	EW 1	Total	EW 1	Total	EW 1	Total
Kuching	12	12	12	12	0	0
Bau	0	0	0	0	0	0
Lundu	0	0	0	0	0	0
KUCHING	12	12	12	12	0	0
Samarahan	2	2	0	0	2	2
Asajaya	0	0	0	0	0	0
Simunjan	0	0	0	0	0	0
Serian	1	1	0	0	1	1
SAMARAHAN	3	3	0	0	3	3
Sri Aman	0	0	0	0	0	0
Lubok Antu	1	1	1	1	0	0
SRI AMAN	1	1	1	1	0	0
Betong	0	0	0	0	0	0
Saratok	2	2	0	0	2	2
BETONG	2	2	0	0	2	2
Sarikei	3	3	0	0	3	3
Meradong	0	0	0	0	0	0
Pakan	0	0	0	0	0	0
Julau	0	0	0	0	0	0
SARIKEI	3	3	0	0	3	3
Daro	0	0	0	0	0	0
Matu	0	0	0	0	0	0
Mukah	0	0	0	0	0	0
Dalat	1	1	1	1	0	0
MUKAH	1	1	1	1	0	0
Sibu	1	1	1	1	0	0
Selangau	0	0	0	0	0	0
Kanowit	0	0	0	0	0	0
SIBU	1	1	1	1	0	0
Kapit	2	2	0	0	2	2
Song	0	0	0	0	0	0
Belaga	4	4	4	4	0	0
KAPIT	6	6	4	4	2	2
Bintulu	10	10	0	0	10	10
Tatau	0	0	0	0	0	0
BINTULU	10	10	0	0	10	10
Miri	10	10	0	0	10	10
Marudi	0	0	0	0	0	0
MIRI	10	10	0	0	10	10
Limbang	0	0	0	0	0	0
Lawas	0	0	0	0	0	0
LIMBANG	0	0	0	0	0	0
SARAWAK	49	49	19	19	30	30

5.2.2. Cumulative HFMD Clusters as of 7th January 2012.

Two HFMD family clusters reported in Epid. Week 1, 2012; each from Kuching and Belaga districts.

In 2011, a total 151 clusters reported. Of these, 120 (79.47%) were family cluster, 21 (13.91%) were cluster in preschool facilities, eight (5.29%) were in schools and two (1.33%) were in nursery or day care centres.



5.3. Notified Leptospirosis cases for Epid. Week 1, 2012 compared to Epid. Week 1, 2011 and cumulative cases till Epid. Week 1 in 2012.

District	Case classification (positive)				Total positive leptospirosis		
	Confirmed		Probable		2012	2011	2010
	EW 01/2012	EW 1/2011	EW 01/2012	EW 1/2011			
Bau	0	0	0	0	0	4(1)	1
Lundu	0	0	0	0	0	7	0
Kuching	0	0	0	0	0	38(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	186(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

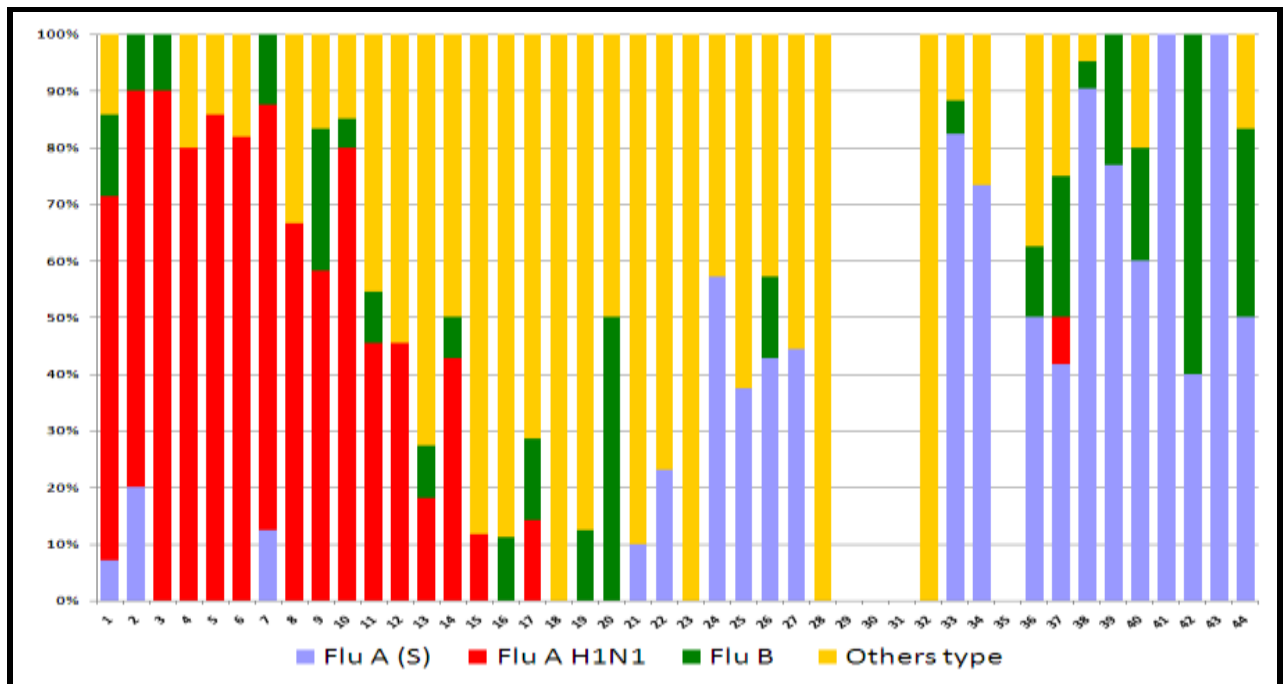
5.4. Notified Melioidosis cases for Epid. Week 1, 2011 compared to Epid. Week 1, 2011 and cumulative cases in Epid. Week 1, 2012.

District	Blood test result				Total Positive		
	Positive				2012	2011	2010
	Culture		Serology				
	EW 01/2012	EW 01/2011	EW 01/2012	EW 01/2011			
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.

6. LABORATORY BASED SURVEILLANCE

6.1. Malaysia Influenza Surveillance System (MISS) (not included Sabah*) from Epid Week 1 till Epid Week 44, 2011.



* specimen from Sabah were analysed at MKAK Kota Kinabalu

In Malaysia, as at Epid Week 44, 2011, a total of 3,350 throat swab specimens were analysed at MKAK Sungai Buloh. Of these, 416 specimens isolated various types of influenza virus i.e. virus Flu A (H1N1) (98), Flu A (s) [152], Flu B (28), and other types of virus (138). Other viruses which are under category of others-type: Adenovirus (83), Paramyxovirus (14), RSV (1), Enterovirus (1) and other viruses (39).

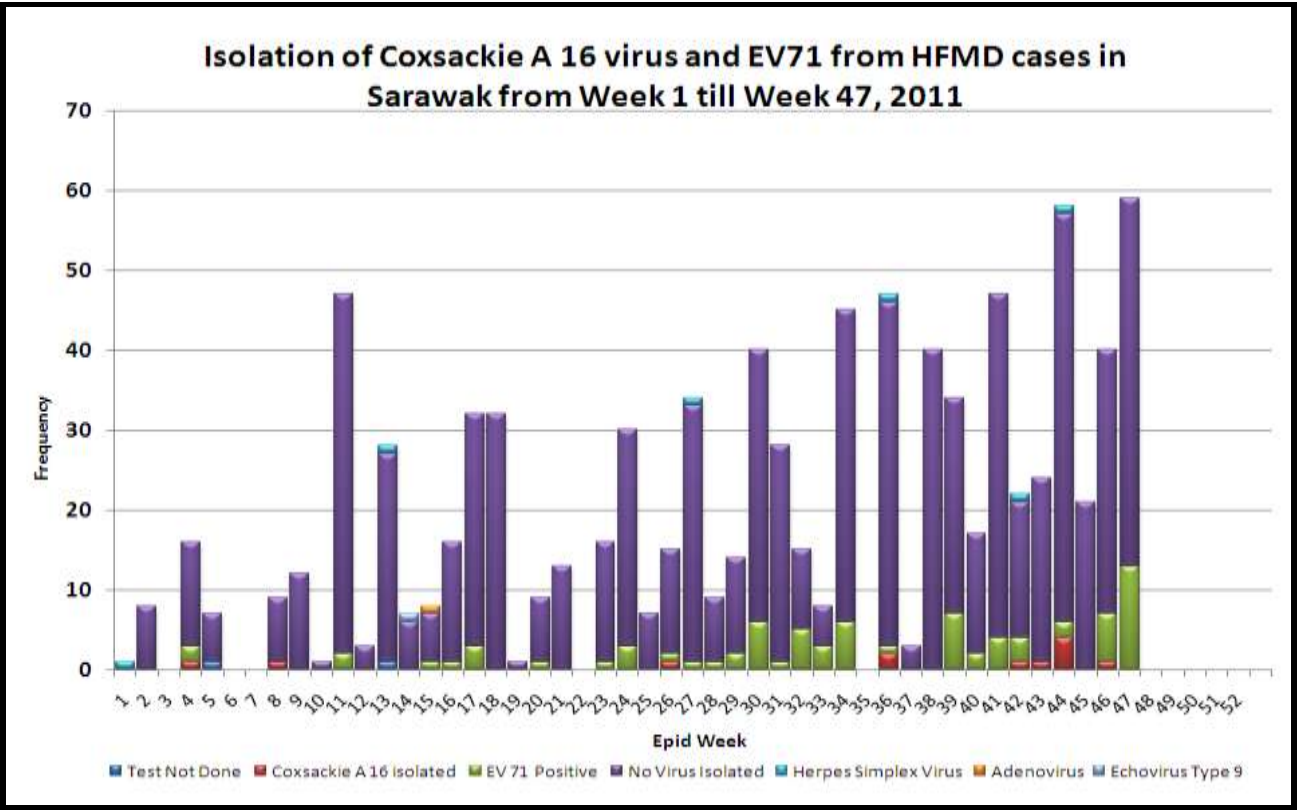
6.2. Laboratory Based Surveillance for Measles in Malaysia

In Malaysia, as at Epid. Week 45, 2011, a total of 4,340 serum specimens for serology test were sent to MKAK Sg. Buloh. Of these, 1,383 were positive for IgM Measles and 354 positive for Rubella.

As at Epid. Week 45, 2011, a total of 3,526 specimens for viral isolation were sent to MKAK Sg. Buloh. Of these, 263 (8.8%) specimens positive for virus isolation: measles (94); rubella (162); herpes simplex virus 1 (3); and adenovirus (4).

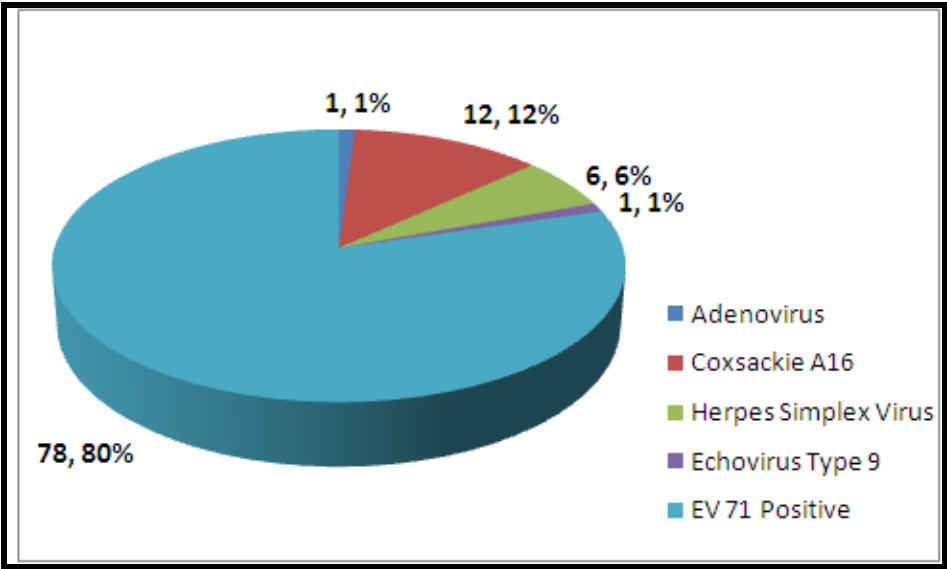
In Sarawak, as at Epid Week 45, 2011, a total of 284 specimens for serology test were to MKAK Sg Buloh. Of these, 21 specimens were positive for measles IgM and 40 positive for rubella IgM. Only 30 specimens for measles viral isolation from Sarawak were sent to MKAK Sg. Buloh but so far none were positive.

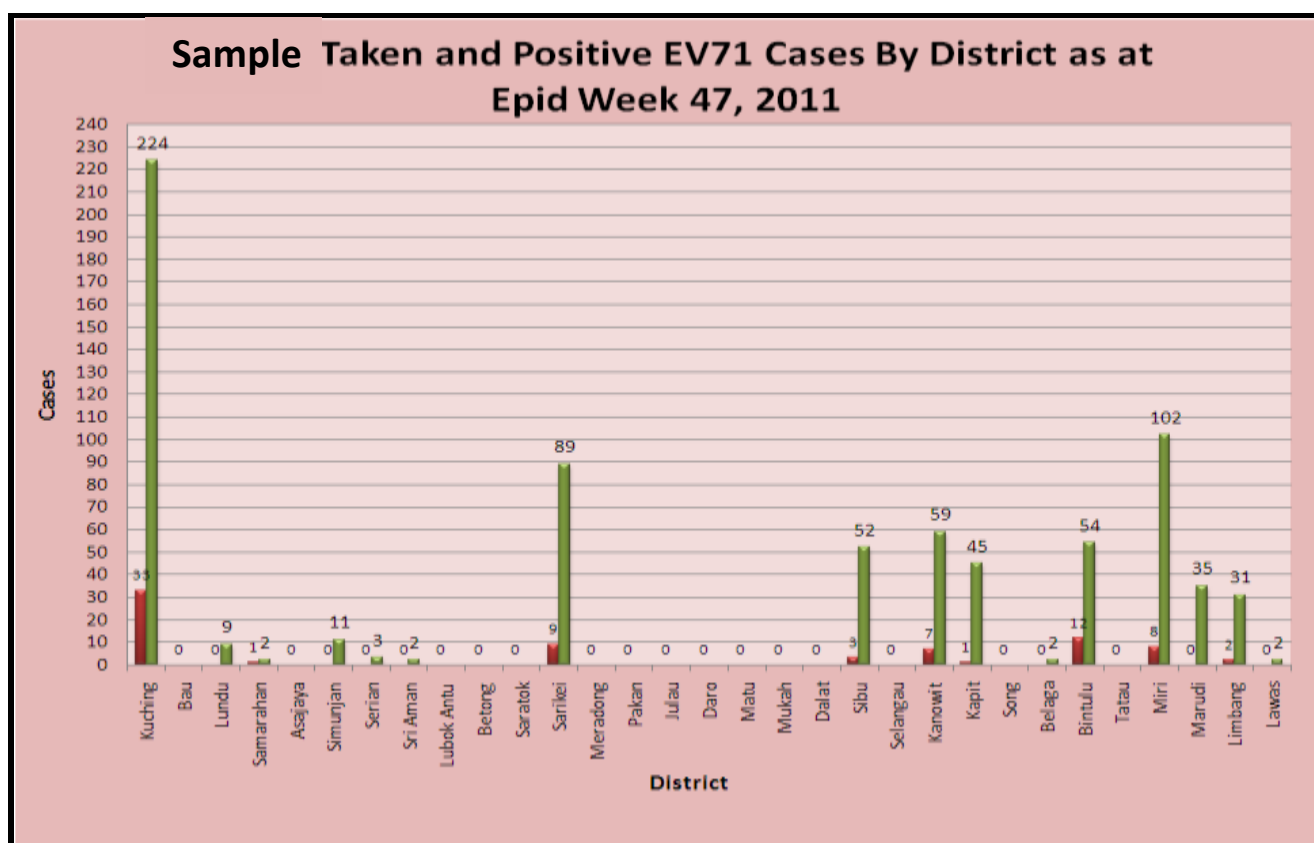
6.3. Laboratory Based Surveillance for HFMD in Sarawak from Epid Week 1 till Epid Week 47, 2011.



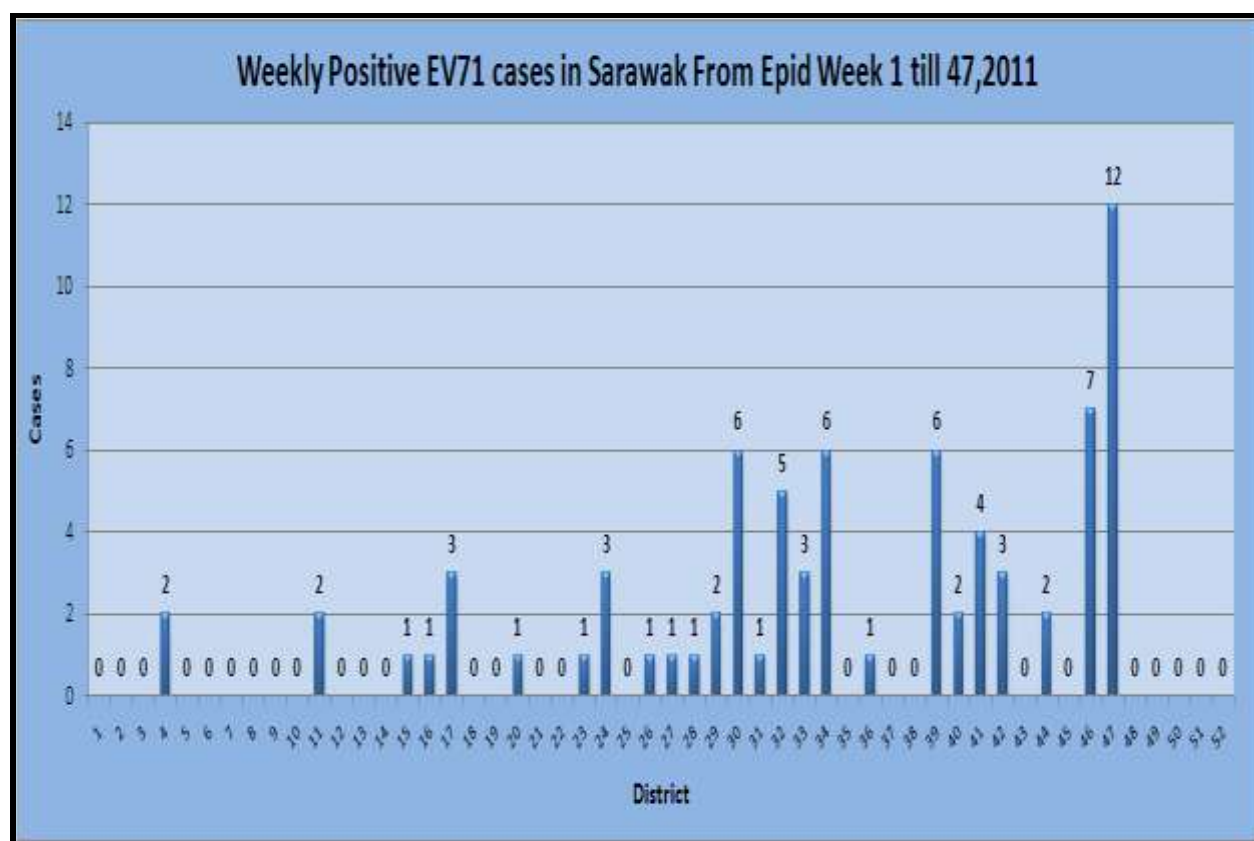
*results from EW 48 onwards are still pending

In Sarawak, as at Epid. Week 47, 2011, a total of 923 specimens were sent to MKAK Sg. Buloh for viral isolation. Of these, 98 specimens isolated viruses: EV71 (78), Coxsackie A16 (12), Herpes Simplex (HSV 1) [6], Adenovirus (1) and Echovirus Type 9 (1).





*results from EW 48 onwards are still pending



*results from EW 48 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 7th January 2011):

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	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 Adruce, 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
13	Pegawai Kesihatan Bahagian Bahagian Limbang Dr. Norliza Jusoh	Pejabat Kesihatan Bahagian, Bahagian Limbang, Jalan Pandaruan, 98700 LIMBANG.	norlizaj@srwk.moh.gov.my	Tel: 085-211046 Fax: 085-429987 Hp: 019-8163163

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Note:

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