



SARAWAK

WEEKLY EPID NEWS

Sarawak Health Department

WEEK 05

29th January– 04th February 2012

INFECTIOUS DISEASE/CRISIS HIGHLIGHTS IN SARAWAK

In Epid. Week 5, 2012, Sarawak Health Department received reports of two food poisoning outbreaks and twelve HFMD clusters and one Dengue outbreak.

Influenza A/H1N1pdm09 outbreak in Mexico

As of Saturday 28th January 2012, an ongoing outbreak Influenza A/H1N1pdm09 in Mexico has left at least 29 people dead and nearly 1500 people infected. During this period, Mexico also faces problem from Influenza A/H3N2 and Influenza B infection.

The outbreak of Influenza A/H1N1pdm09 in Mexico seems to be deviating from the pattern experienced in the other countries throughout northern hemisphere temperate zone whereby the predominant infection have been Influenza A(H3N2) subtype.

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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 | Bau | Pusat Akademi Bomba | 27 | 31.01.2012 |
| 2 | | Betong | SK Saint Christopher, Debak | 10 | 02.02.2012 |
| 3 | HFMD | Kuching | Lorong Tabuan Foochow 1X | 2 | 01.02.2012 |
| 4 | | | Tabika Kemas, Kg. Tabuan Foochow | 2 | 01.02.2012 |
| 5 | | | Taman Bahjah, Petra Jaya | 2 | 02.02.2012 |
| 6 | | | Taska Adik, Lot 4836, Taman Lake Side, Bandar Baru Samariang | 2 | 01.02.2012 |
| 7 | | | Block E, Flat Sri Wangi, Jln Menggeris | 2 | 31.01.2012 |
| 8 | | | Kuching Family Park, Jln Sultan Tengah, Petra Jaya | 2 | 28.01.2012 |
| 9 | | Betong | Tadika Perpaduan, Perumahan Kakitangan Negeri, Kompleks Pentadbiran Negeri, Betong | 2 | 03.02.2012 |
| 10 | | Lawas | SK Trusan | 3 | 03.02.2012 |
| 11 | | Limbang | Bangunan Hock Hoo Chiong, Industrial Area, Jln Kubong | 2 | 29.01.2012 |
| 12 | | Sarikei | Pra-sekolah SK Sentebu, Sarikei | 3 | 28.02.2012 |
| 13 | Dengue | Samarahan | Pusat Permata Anak Negara, Kota Samarahan | 8 | 02.02.2012 |
| 14 | | Bintulu | Rh. Entili, Batu 12, Jalan Bintulu/Miri | 4 | 01.02.2012 |
| 15 | | Dalat | Kg Senau Oya | 2 | 04.02.2012 |
| 16 | | Bintulu | Rh. Aloh, Sungai Seterus, Jalan Tatau Bintulu | 4 | 01.02.2012 |

There were sixteen outbreaks reported in Epid. Week 5, 2012 to Sarawak Health Department.

3. SUMMARY OF MANDATORY NOTIFIABLE DISEASES REPORTED IN EPID. WEEK 5, 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 | 1/0 | | | | | 1 | | | 27 | | 1 | | | | | | | | | | | | | 1 | | | |
| Kuching | 1/0 | | | | | 5 | | | | 5 | 44 | | 1 | | | | | | 1 | | 4 | | | 1 | 1 | | 2 |
| Samarahan | 1/0 | | | | | 1 | | | | 1 | 9 | | | | 1 | | | | 1 | | 1 | | | | | | |
| Asajaya | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| Simunjan | 1/1 | | | | | | | | | 1 | | | 1 | | 1 | | | | | | | | | | | | |
| Serian | 0/1 | | | | | | | | | 1 | 6 | | | | | | | | | | 4 | | | | | | |
| Sri Aman | | | | | | 1 | | | | 1 | 6 | | | | | | | | 1 | | | | | | | | |
| L/ Antu | | | | | | | | | | 1 | | | 1 | | | | | | | | 1 | | | | | | |
| Betong | | | | | | 2 | | | 10 | | 4 | | | | | | | | | | | | | | | | |
| Saratok | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| Sarikei | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Meradong | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pakan/Julau | | | | | | | | | | | 2 | | 3 | | | | | | | | | | | | | | |
| Daro | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Matu | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalat | | | | | | 4 | | | | | 1 | | | | | | | | | | | | | | | | |
| Mukah | | | | | | 2 | | | | | 3 | | | | | | | | | | | | | | | | |
| Sibu | | | | | | 2 | | | | 4 | 2 | | 2 | | | | | | 2 | | | | | | | | |
| Kanowit | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Selangau | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Song | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | |
| Kapit | | | | | | 1 | | | | | 7 | | 4 | | | | | | | | | | | | | | |
| Belaga | | | | | | 1 | | | | | 1 | | | | | 1 | | | | | | | | | | | |
| Tatau | | | | | | 1 | | | | | 1 | | 2 | | | | | | | | | | | | | | |
| Bintulu | | | | | | 1 | | | | | 11 | | | | | 7 | | | | | | | | | | | |
| Miri | | | | | | 4 | | | | 4 | 6 | | | | | 4 | | | | | 5 | | | | | | |
| Marudi | | | | | | 2 | | | | | | | 2 | | | | | | | | 3 | | | 1 | | | |
| Limbang | | | | | | | | | | | 7 | | | | | 2 | | | | | 2 | | | | | | 3 |
| Lawas | 0/1 | | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| TOTAL (Week 5) | 4/3 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 37 | 18 | 119 | 0 | 17 | 0 | 2 | 14 | 0 | 0 | 5 | 0 | 21 | 0 | 0 | 3 | 1 | 0 | 5 |
| Total (2012) | 8/3 | 0 | 0 | 0 | 0 | 81 | 0 | 0 | 51 | 28 | 379 | 0 | 111 | 2 | 68 | 82 | 0 | 0 | 6 | 0 | 71 | 2 | 0 | 17 | 2 | 0 | 5 |
| 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 5, 2012

| Division | Food poisoning outbreak | Dysentery | | Typhoid & paratyphoid fever | | Cholera | Hepatitis A | |
|----------------|-------------------------|-----------|----------|-----------------------------|----------|----------|-------------|----------|
| | | S | C | S | C | | S | C |
| Kuching | 1 | 4 | 0 | 5 | 2 | 0 | 0 | 0 |
| Samarahan | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| Sri Aman | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Betong | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sarikei | 2 | 1 | 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 | 2 | 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 | 6 | 10 | 0 | 6 | 2 | 0 | 0 | 0 |

Note: S = Suspected; C = Confirmed

4.2. Food Poisoning

Two food poisoning outbreaks reported in Epid. Week 5, 2012 from Bau and Betong district. Suspected food was '**Ayam masak Halia**' (Bau) and **Contaminated apple** (Betong).

4.3. Cholera

No case reported in Epid. Week 5, 2012.

Exposed Time:
1300hrs

4.4. Dysenteries (All forms)

Four new suspected dysentery cases were reported in Epid. Week 5, 2012 from Bintulu(2), Sarikei(1) and Serian(1) districts. Three Stool C&S were taken from cases reported from Bintulu and Sarikei district. The laboratory tests were all negative. The laboratory tests for the case from Serian district are still pending.

4.5. Typhoid and paratyphoid fever

Four suspected typhoid cases reported in Epid. Week 5, 2012 from Kuching (1), Serian(1) and Lundu(1) district. All Stool and Blood C & S specimen from these suspected cases are still pending. As at 04th February 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 5, 2012

| Division | Diphtheria | | Measles | | | | | Rubella | Polio | | Tetanus | | Whooping Cough | |
|----------------|------------|----------|-------------------------------------|----------------|----------------------|------------|-----------|----------------|----------|----------|----------|----------|----------------|----------|
| | 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 | 4 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| SAMARAHAN | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SRI AMAN | 0 | 0 | 5 | 0 | 0 | 0 | 4 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SIBU | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KAPIT | 0 | 0 | 2 | 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 | 27 | 8 | 0 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MIRI | 0 | 0 | 35 | 10 | 0 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LIMBANG | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SARAWAK | 0 | 0 | 82 | 19 | 0 | 8 | 21 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |

Note: S = suspected; C = confirmed

5.2. Measles (data derived from SM2)

A total of 14 suspected measles cases reported in Epid. Week 5, 2012. Three cases were epid link and related to outbreak at Rh. Aloh, Sungai Seterus, Jalan Tatau Bintulu. Another 11 suspected sporadic were from Miri (4 cases), Bintulu (2 cases), Samarahan (1 case), Simunjan (1), Limbang (1) and Belaga (1 case).

5.2.1 Measles Elimination Programme (MEP) by Division from Epid. Week 1 till Epid. Week 5, 2012

| Division | No. Of cases | Surveillance Indicator (>80%) | | |
|----------------|--------------|-------------------------------|-------------------------------|------------------------|
| | | % Notification Within 24 hrs | % Investigation within 48 hrs | % Blood specimen Taken |
| Kuching | 6 | 83.33 | 83.33 | 100 |
| Samarahan | 2 | 100 | 50.00 | 100 |
| Sri Aman | 5 | 100 | 60.00 | 100 |
| Betong | 0 | 0 | 0 | 0 |
| Sarikei | 1 | 100 | 100 | 100 |
| Sibu | 1 | 100 | 100 | 100 |
| Kapit | 2 | 100 | 100 | 100 |
| Mukah | 0 | 0 | 0 | 0 |
| Bintulu | 27 | 96.30 | 92.59 | 100 |
| Miri | 35 | 85.71 | 100 | 100 |
| Limbang | 3 | 100 | 66.67 | 33.33 |
| Sarawak | 82 | 97.56 | 91.25 | 95.12 |

5.3. Whooping Cough

No suspected case reported in Epid. Week 5, 2012. The two suspected cases reported in Epid. Week 3, 2012 were negative.

5.4. Polio

No suspected case reported in Epid. Week 5, 2012.

5.5. Rubella

One case of laboratory confirmed IgM Rubella was reported in Epid. Week 5, 2012. This case is a 25 years old, male from Taman Desa Indah, Sri Aman. Presented with fever, rash, cough, coryza and conjunctivitis. Diagnosed as measles on the 10th January 2012.

5.6. Tetanus (All forms)

No suspected case reported in Epid. Week 5, 2012.

6. SURVEILLANCE REPORT ON HIV/AIDS AND STI

6.1 Notified HIV/AIDS cases for Epid. Week 5, 2012 and cumulative cases from Epid. Week 1 until Epid. Week 5, 2012.

| District / Division | 2012 | | | |
|---------------------|----------|----------|------------|----------|
| | EW 5 | | Cumulative | |
| | HIV | AIDS | HIV | AIDS |
| Lundu | 0 | 0 | 0 | 0 |
| Bau | 1 | 0 | 0 | 0 |
| Kuching | 1 | 0 | 2 | 0 |
| KUCHING | 2 | 0 | 2 | 0 |
| Samarahan | 1 | 0 | 1 | 0 |
| Asajaya | 0 | 0 | 0 | 0 |
| Simunjan | 1 | 1 | 2 | 1 |
| Serian | 0 | 1 | 0 | 1 |
| SAMARAHAN | 2 | 2 | 3 | 2 |
| 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 | 1 | 0 | 1 |
| LIMBANG | 0 | 1 | 0 | 1 |
| Sarawak | 4 | 3 | 5 | 3 |

EW = Epid. Week; Cum. = Cumulative figure

6.2 HIV/AIDS Patient Classification Notified in Epid. Week 5 and Cumulative from Epid. Week 1 until Epid. Week 5, 2012

| District / Division | 2012 | | | | | |
|---------------------|----------|----------|----------|----------|-----------|----------|
| | Children | | Women | | Foreigner | |
| | EW 5 | Cum. | EW 5 | Cum. | EW 5 | 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 | 0 | 1 | 0 | 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 | 0 | 1 | 0 | 1 |

Four HIV and three AIDS cases reported in Epid. Week 5, 2012.

3.3.3 Notified Gonorrhoea and Syphilis (all forms) cases for Epid. Week 5, 2012 and Cumulative cases from Epid. Week 1, 2012 until Epid. Week 5, 2012.

| District / Division | Gonorrhoea | | Syphilis (all forms) | |
|---------------------|------------|-----------|----------------------|----------|
| | EW 5 | Cum. | EW 5 | Cum. |
| Lundu | 0 | 0 | 0 | 0 |
| Bau | 0 | 0 | 0 | 0 |
| Kuching | 5 | 13 | 1 | 1 |
| KUCHING | 5 | 13 | 1 | 1 |
| Samarahan | 1 | 2 | 1 | 1 |
| Asajaya | 0 | 2 | 0 | 0 |
| Simunjan | 1 | 1 | 0 | 0 |
| Serian | 1 | 1 | 0 | 0 |
| SAMARAHAN | 3 | 6 | 1 | 1 |
| Sri Aman | 0 | 0 | 1 | 1 |
| Lubok Antu | 1 | 1 | 0 | 1 |
| SRI AMAN | 1 | 1 | 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 | 4 | 4 | 2 | 2 |
| Kanowit | 0 | 0 | 0 | 0 |
| Selangau | 0 | 0 | 0 | 0 |
| SIBU | 4 | 4 | 2 | 2 |
| 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 | 4 | 4 | 0 | 0 |
| Marudi | 0 | 0 | 0 | 0 |
| MIRI | 4 | 4 | 0 | 0 |
| Limbang | 0 | 0 | 0 | 0 |
| Lawas | 0 | 0 | 0 | 0 |
| LIMBANG | 0 | 0 | 0 | 0 |
| Sarawak | 18 | 28 | 5 | 6 |

EW = Epid. Week; Cum. = Cumulative figure

Gonorrhoea

A total 18 cases reported in Epid. Week 5, 2012. The cumulative total of reported case in 2012 is 18 cases. One case was involving a 14 years old female student from Kuching district.

As at Epid. Week 5, 2012, the cumulative reported cases are 28.

Syphilis (All forms)

Five cases reported in Epid. Week 5, 2012. The cumulative case in 2012 is six.

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

7.1 Notified Tuberculosis cases for Epid. Week 5, 2012 compared to Epid. Week 5, 2011 and cumulative cases until Epid. Week 5, 2012.

| District / Division | 2012 | | 2011 | | |
|---------------------|-----------|-----------|----------|-----------|-------------|
| | EW 5 | Cum. | EW 5 | Cum. | Total |
| Lundu | 0 | 0 | 0 | 0 | 23 |
| Bau | 0 | 1 | 0 | 2 | 42 |
| Kuching | 4 | 16 | 0 | 10 | 340 |
| KUCHING | 4 | 17 | 0 | 12 | 405 |
| Samarahan | 1 | 2 | 0 | 0 | 29 |
| Asajaya | 0 | 1 | 0 | 0 | 15 |
| Simunjan | 0 | 6 | 0 | 0 | 34 |
| Serian | 4 | 6 | 0 | 0 | 52 |
| SAMARAHAN | 5 | 15 | 0 | 0 | 130 |
| Sri Aman | 0 | 0 | 0 | 1 | 58 |
| Lubok Antu | 1 | 1 | 0 | 1 | 40 |
| SRI AMAN | 1 | 1 | 0 | 2 | 98 |
| Betong | 0 | 0 | 0 | 4 | 33 |
| Saratok | 1 | 3 | 0 | 1 | 51 |
| BETONG | 1 | 3 | 0 | 5 | 84 |
| Sarikei | 0 | 1 | 0 | 0 | 49 |
| Meradong | 0 | 0 | 0 | 5 | 27 |
| Pakan | 0 | 0 | 0 | 0 | 20 |
| Julau | 0 | 2 | 0 | 0 | 20 |
| SARIKEI | 0 | 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 | 0 | 1 | 0 | 0 | 23 |
| Kapit | 0 | 1 | 0 | 2 | 56 |
| Belaga | 0 | 0 | 0 | 0 | 29 |
| KAPIT | 0 | 2 | 0 | 2 | 108 |
| Tatau | 0 | 0 | 0 | 0 | 42 |
| Bintulu | 0 | 0 | 0 | 5 | 183 |
| BINTULU | 0 | 0 | 0 | 5 | 225 |
| Miri | 5 | 13 | 0 | 0 | 290 |
| Marudi | 3 | 3 | 0 | 4 | 41 |
| MIRI | 8 | 16 | 0 | 4 | 331 |
| Limbang | 2 | 6 | 0 | 0 | 38 |
| Lawas | 0 | 0 | 0 | 0 | 23 |
| LIMBANG | 2 | 6 | 0 | 0 | 61 |
| Sarawak | 21 | 71 | 0 | 35 | 1838 |

EW = Epid. Week; Cum. = Cumulative figure

7.2 Notified Leprosy cases for Epid. Week 5, 2012 compared to Epid. Week 5, 2011 and cumulative cases until Epid. Week 5, 2012.

| District / Division | 2012 | | 2011 | | |
|---------------------|----------|----------|----------|----------|-----------|
| | EW 5 | Cum. | EW 5 | 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 Tuberculosis (all forms) Case Classification as on 04th February 2012

| District / Division | Case classification | | | | | |
|---------------------|---------------------|-----------|----------------|-----------|-----------|----------|
| | Positive smear | | Negative smear | | Extra PTB | |
| | EW 5 | Cum. | EW 5 | Cum. | EW 5 | Cum. |
| Lundu | 0 | 0 | 0 | 0 | 0 | 0 |
| Bau | 0 | 1 | 0 | 0 | 0 | 0 |
| Kuching | 2 | 10 | 2 | 6 | 0 | 0 |
| KUCHING | 2 | 00 | 2 | 6 | 0 | 0 |
| Samarahan | 0 | 1 | 0 | 0 | 1 | 1 |
| Asajaya | 0 | 0 | 0 | 1 | 0 | 0 |
| Simunjan | 0 | 5 | 0 | 1 | 0 | 0 |
| Serian | 4 | 5 | 0 | 1 | 0 | 0 |
| SAMARAHAN | 4 | 11 | 0 | 3 | 1 | 1 |
| Sri Aman | 0 | 0 | 0 | 0 | 0 | 0 |
| Lubok Antu | 1 | 1 | 0 | 0 | 0 | 0 |
| SRI AMAN | 1 | 1 | 0 | 0 | 0 | 0 |
| Betong | 0 | 0 | 0 | 0 | 0 | 0 |
| Saratok | 1 | 2 | 0 | 1 | 0 | 0 |
| BETONG | 1 | 2 | 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 | 0 | 2 | 0 | 0 | 0 | 0 |
| SARIKEI | 0 | 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 | 1 | 0 | 0 |
| Belaga | 0 | 0 | 0 | 0 | 0 | 0 |
| KAPIT | 0 | 0 | 0 | 1 | 0 | 1 |
| Tatau | 0 | 0 | 0 | 0 | 0 | 0 |
| Bintulu | 0 | 0 | 0 | 0 | 0 | 0 |
| BINTULU | 0 | 0 | 0 | 0 | 0 | 0 |
| Miri | 4 | 11 | 1 | 2 | 0 | 0 |
| Marudi | 2 | 2 | 1 | 1 | 0 | 0 |
| MIRI | 6 | 13 | 2 | 3 | 0 | 0 |
| Limbang | 2 | 6 | 0 | 0 | 0 | 0 |
| Lawas | 0 | 0 | 0 | 0 | 0 | 0 |
| LIMBANG | 2 | 6 | 0 | 0 | 0 | 0 |
| Sarawak | 16 | 54 | 4 | 15 | 1 | 2 |

EW = Epid. Week; Cum. = Cumulative figure

Tuberculosis (all forms)

A total of 16 cases of tuberculosis (all forms) reported in Epid. Week 5, 2012. As at 4th February 2012, the cumulative total of reported cases is 71. Out of these 71 cases, one was foreigner and one TB/HIV reported.

Leprosy

No case reported in Epid. Week 5, 2012. The cumulative reported case in 2012 is remained as zero.

7.4 Notified Tuberculosis (all forms) Patient Classification as on 4th February 2012.

| District / Division | Patient Classification | | | | | | | | | | | |
|---------------------|------------------------|------|--------------------|------|--------------|------|---------------|------|-----------|------|-------------|------|
| | Children | | Health care worker | | | | PUSPEN/Prison | | Foreigner | | Care Centre | |
| | EW 5 | Cum. | *Exposed | | *Not exposed | | EW 5 | Cum. | EW 5 | Cum. | EW 5 | Cum. |
| | | | EW 5 | Cum. | EW 5 | 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 | 0 | 0 | 0 |
| KUCHING | 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 |
| 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 | 1 | 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 | 1 | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |

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

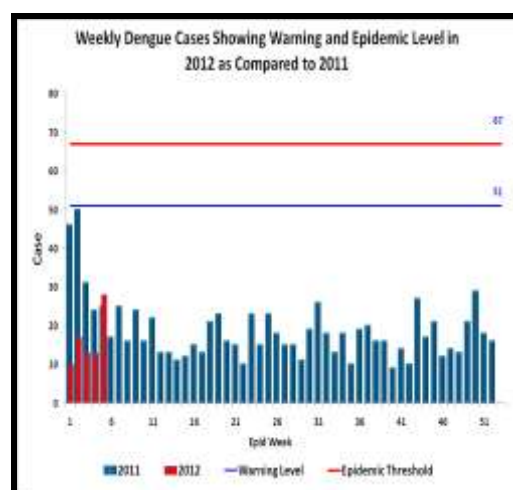
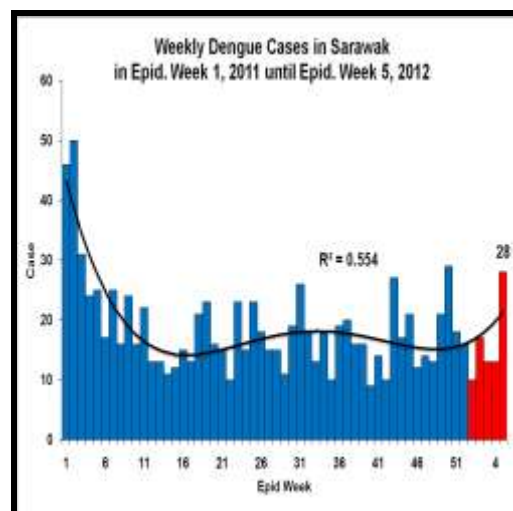
* Possibility of exposed or not exposed to TB patient

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 5, 2012 compared to Epid. Week 5, 2011 and cumulative cases until Epid. Week 5, 2012.

| District | 2012 | | 2011 | | Total |
|------------|------|------|------|------|-------|
| | EW 5 | Cum. | EW 5 | Cum. | |
| Lundu | 0 | 2 | 0 | 2 | 10 |
| Bau | 1 | 3 | 2 | 10 | 36 |
| Kuching | 5 | 12 | 4 | 15 | 106 |
| Samarahan | 1 | 3 | 0 | 2 | 21 |
| Asajaya | 0 | 1 | 0 | 0 | 4 |
| Serian | 0 | 0 | 0 | 3 | 18 |
| Simunjan | 0 | 1 | 0 | 5 | 19 |
| Sri Aman | 1 | 4 | 1 | 7 | 56 |
| Lubok Antu | 0 | 1 | 1 | 4 | 23 |
| Betong | 2 | 3 | 0 | 2 | 13 |
| Saratok | 0 | 3 | 0 | 0 | 11 |
| Sarikei | 0 | 3 | 0 | 5 | 28 |
| Meradong | 0 | 1 | 2 | 4 | 14 |
| Pakan | 0 | 2 | 1 | 5 | 23 |
| Julau | 0 | 0 | 0 | 0 | 17 |
| Daro | 0 | 0 | 0 | 4 | 6 |
| Matu | 0 | 0 | 0 | 1 | 1 |
| Dalat | 4 | 4 | 0 | 1 | 3 |
| Mukah | 2 | 2 | 0 | 1 | 5 |
| Sibu | 2 | 4 | 3 | 33 | 75 |
| Kanowit | 0 | 1 | 0 | 5 | 31 |
| Selangau | 0 | 1 | 1 | 3 | 10 |
| Song | 0 | 1 | 1 | 3 | 10 |
| Kapit | 1 | 4 | 0 | 8 | 32 |
| Belaga | 1 | 2 | 1 | 2 | 27 |
| Tatau | 1 | 3 | 1 | 6 | 47 |
| Bintulu | 1 | 2 | 4 | 19 | 100 |
| Miri | 4 | 15 | 3 | 17 | 134 |
| Marudi | 2 | 3 | 0 | 7 | 59 |
| Limbang | 0 | 0 | 0 | 0 | 20 |
| Lawas | 0 | 0 | 0 | 2 | 15 |
| Sarawak | 28 | 81 | 25 | 176 | 974 |



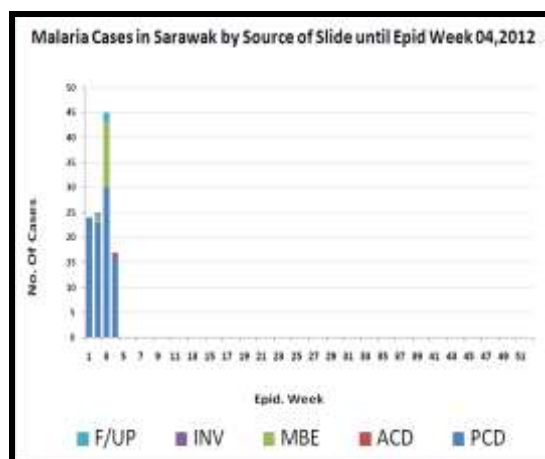
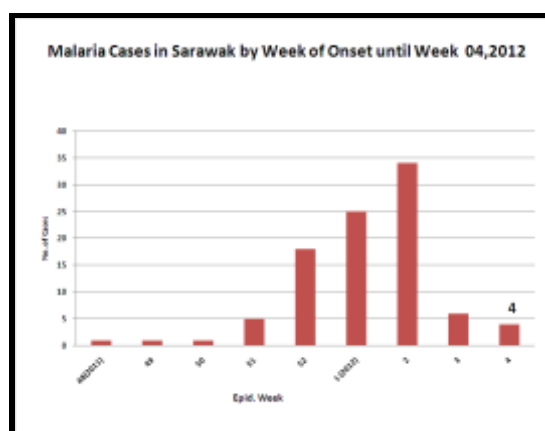
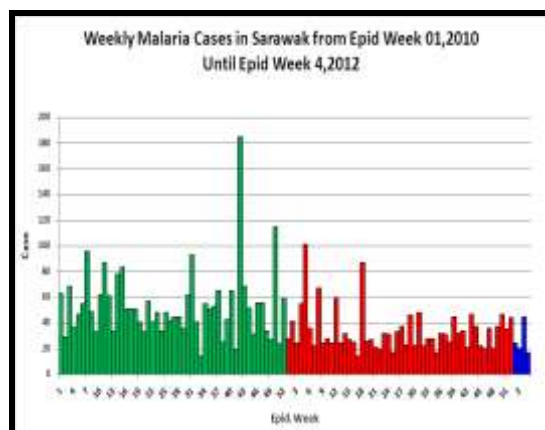
A total of 28 dengue cases reported in Epid. Week 5, 2012 compared to 25 cases during the same period in 2011.

One outbreak locality is still active in Dalat (Kg. Senau Oya).

EW = Epid. Week; Cum. = Cumulative figure

8.2. Notified Malaria 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 | 1 | 4 | 33 |
| Bau | 0 | 0 | 0 | 0 | 5 |
| Kuching | 1 | 1 | 0 | 0 | 23 |
| Samarahan | 0 | 0 | 0 | 0 | 3 |
| Asajaya | 0 | 0 | 0 | 0 | 1 |
| Serian | 0 | 0 | 0 | 1 | 21 |
| Simunjan | 1 | 1 | 0 | 0 | 2 |
| Sri Aman | 0 | 1 | 1 | 3 | 17 |
| Lubok Antu | 1 | 1 | 0 | 2 | 25 |
| Betong | 0 | 1 | 0 | 3 | 47 |
| Saratok | 0 | 0 | 0 | 0 | 3 |
| Sarikei | 0 | 2 | 0 | 2 | 16 |
| Meradong | 0 | 0 | 0 | 0 | 9 |
| Pakan | 1 | 7 | 0 | 0 | 29 |
| Julau | 2 | 7 | 1 | 4 | 69 |
| Daro | 0 | 0 | 0 | 0 | 2 |
| Matu | 0 | 0 | 0 | 0 | 2 |
| Dalat | 0 | 1 | 0 | 1 | 10 |
| Mukah | 0 | 1 | 0 | 1 | 2 |
| Sibu | 2 | 9 | 0 | 1 | 52 |
| Kanowit | 0 | 3 | 0 | 9 | 89 |
| Selangau | 0 | 2 | 0 | 0 | 16 |
| Song | 1 | 5 | 1 | 7 | 78 |
| Kapit | 4 | 20 | 2 | 21 | 230 |
| Belaga | 0 | 4 | 11 | 19 | 139 |
| Tatau | 2 | 2 | 0 | 1 | 34 |
| Bintulu | 0 | 1 | 0 | 1 | 39 |
| Miri | 0 | 4 | 0 | 6 | 40 |
| Marudi | 2 | 29 | 17 | 41 | 670 |
| Limbang | 0 | 5 | 3 | 3 | 21 |
| Lawas | 0 | 4 | 0 | 0 | 34 |
| Sarawak | 17 | 111 | 37 | 130 | 1761 |



A total of 17 cases were reported on week 04, 2012. Cumulative cases till week 04 were 111 cases. Of the 111 cases, 29 cases (26%) from Marudi District, 20 cases (18%) from Kapit District and 9 cases (8%) 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 4 | Cum. |
| Passive Case Detection (PCD) | 16 | 93 |
| Active Case Detection (ACD) | 1 | 1 |
| Investigation slides (INV) | 0 | 0 |
| Mass Blood Survey (MBS) | 0 | 14 |
| Follow-up | 0 | 3 |
| Total | 17 | 111 |

8.2.2. Malaria cases by species

| Species | 2012 | |
|----------------------|-----------|------------|
| | EW 4 | Cum. |
| <i>P. vivax</i> | 7 | 44 |
| <i>P. falciparum</i> | 2 | 10 |
| <i>P. malariae</i> | 1 | 5 |
| <i>P. knowlesi</i> | 7 | 52 |
| <i>P. ovale</i> | 0 | 0 |
| Mixed | 0 | 0 |
| Total | 17 | 111 |

8.2.3. Malaria cases by case classification

| Classification | 2012 | |
|----------------|-----------|------------|
| | EW 4 | Cum. |
| Indigenous | 14 | 88 |
| *Imported A | 3 | 23 |
| Relapsed | 0 | 0 |
| Congenital | 0 | 0 |
| Total | 17 | 111 |

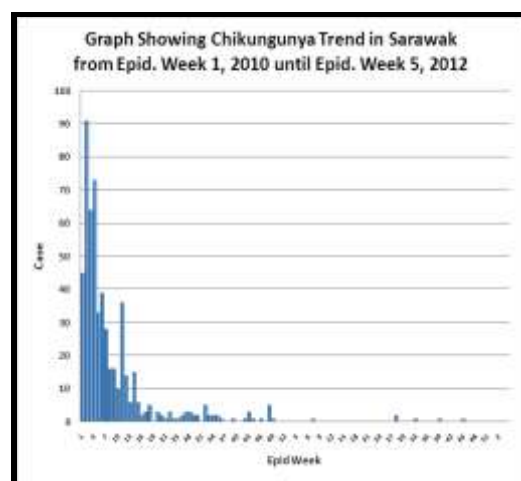
8.2.4. The summary of the *Imported A cases

| No. | District reported | Source of infection | Nationality | Age | Gender | Address in Sarawak | Species |
|-----|-------------------|-----------------------------------|-------------|-----|--------|--|----------------------|
| 1 | Kapit | KKB Amanab, Papua New Guinea | Malaysian | 33 | Male | Taman Chelsea, Kapit | <i>P. vivax</i> |
| 2 | Sibu | KKB Panimo Jaya, Papua New Guinea | Malaysian | 38 | Male | 1A, Jalan Jeeruwit Barat, Sibu | <i>P. falciparum</i> |
| 3 | | KKB Sik Foon, Congo, Africa | Malaysian | 49 | Male | Batang Lassa, Rumah Ensirau, Assan, Sibu | <i>P. falciparum</i> |

KKB = Kem Kayu Balak (Logging Camp)

8.3. Notified Chikungunya cases for Epid. Week 5, 2012 compared to Epid. Week 5, 2011 and cumulative cases until Epid. Week 5 in 2012.

| District | 2012 | | 2011 | | |
|----------------|----------|----------|----------|----------|----------|
| | EW 5 | Cum. | EW 5 | 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 5, 2012. The cumulative case of Chikungunya for 2012 is remained zero.

EW = Epid. Week; Cum. = Cumulative figure

8.4. Filariasis

Four cases of Filariasis were reported in Epid. Week 5, 2012. All of the cases reported from Bekenu, Miri. All of the slides taken were positive *Brugia malayi*-periodic, notified to PKB Miri on the 4th February 2012 and registered in vekpro online on the 31st January 2012. All of these four cases due to NBS contact from the previous case in Bekenu, Miri notified on the 13th December 2011 and registered in **vekpro online** on the 16th December 2011.

8.5 Japanese Encephalitis (JE)

One case of JE was reported in Epid. Week 05, 2012; involving a 30 years old, Indonesian, female worker hailed from Sea Horse Company, Kilang Udang, Kuching. Admitted to Female Medical Ward, SGH Kuching on the 2nd January 2012, diagnosed as meningoencephalitis and on 27th January 2012 as viral encephalitis. Notified to Kuching Divisional Health Office on the 28th January 2012.

9. SURVEILLANCE REPORT ON OTHER INFECTIOUS DISEASES

9.1. Viral Encephalitis

No viral encephalitis case reported in Epid. Week 5, 2012 from Kuching district.

9.2. Viral Hepatitis (all form)

A total of three cases of Hepatitis B and C were reported in Epid. Week 5, 2013. Out of these, two were chronic Hepatitis B and one Acute Hepatitis C case. These cases were reported one each from Kuching, Bau and Marudi district.

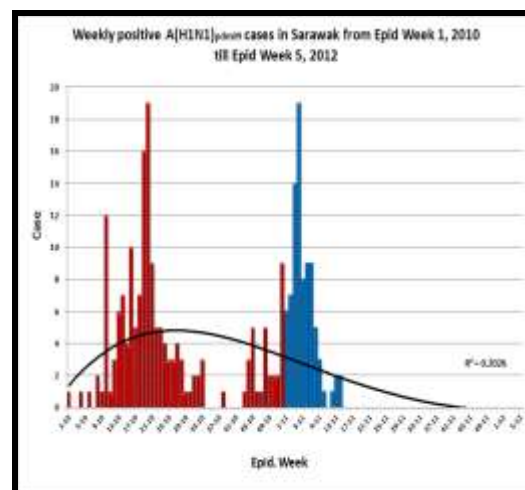
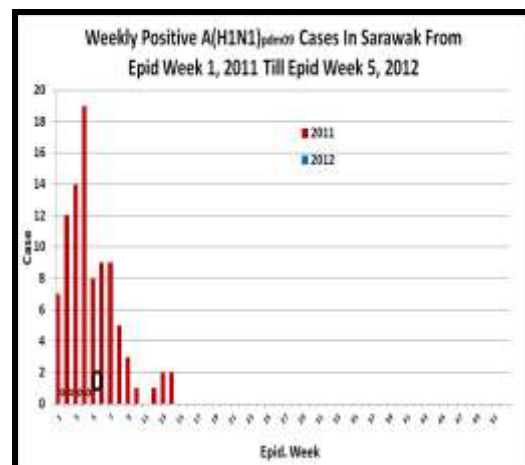
As at 4th February 2012, the total cases reported is 17 cases.

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

10.1. A/H1N1_{pdm09}

10.1.1 Positive Pandemic Influenza A/H1N1_{pdm09} cases for Epid. Week 5, 2012 compared to Epid. Week 5, 2011 and cumulative cases until Epid. Week 5 in 2012.

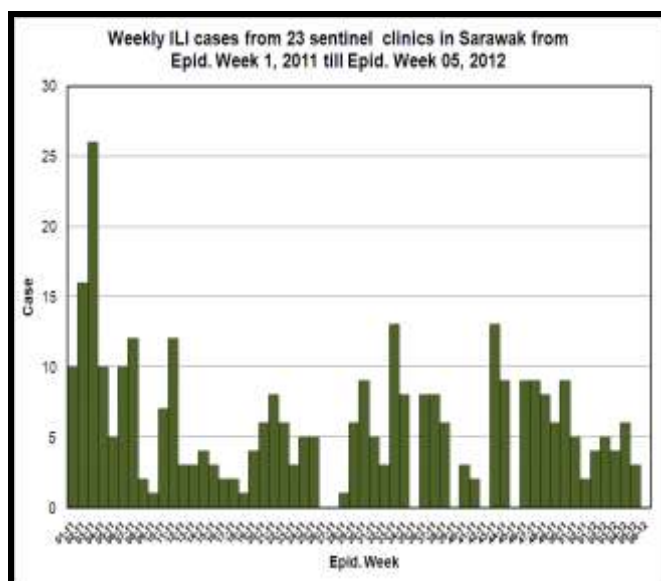
| District | 2012 | | 2011 | | Total |
|----------------|----------|----------|----------|-----------|-----------|
| | EW 5 | Cum. | EW 5 | Cum. | |
| Lundu | 0 | 0 | 0 | 0 | 1 |
| Bau | 0 | 0 | 0 | 0 | 0 |
| Kuching | 0 | 0 | 3 | 31 | 51 |
| Samarahan | 0 | 0 | 0 | 0 | 0 |
| Simunjan | 0 | 0 | 0 | 0 | 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 | 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 | 4 | 18 | 27 |
| Miri | 0 | 0 | 0 | 1 | 6 |
| Marudi | 0 | 0 | 0 | 0 | 0 |
| Limbang | 0 | 0 | 1 | 2 | 2 |
| Lawas | 0 | 0 | 0 | 1 | 1 |
| SARAWAK | 0 | 0 | 8 | 54 | 92 |



No A/H1N1_{pdm09} positive case reported in Epid. Week 5, 2012 compared to 8 cases reported for the same Epid. Week 2011.

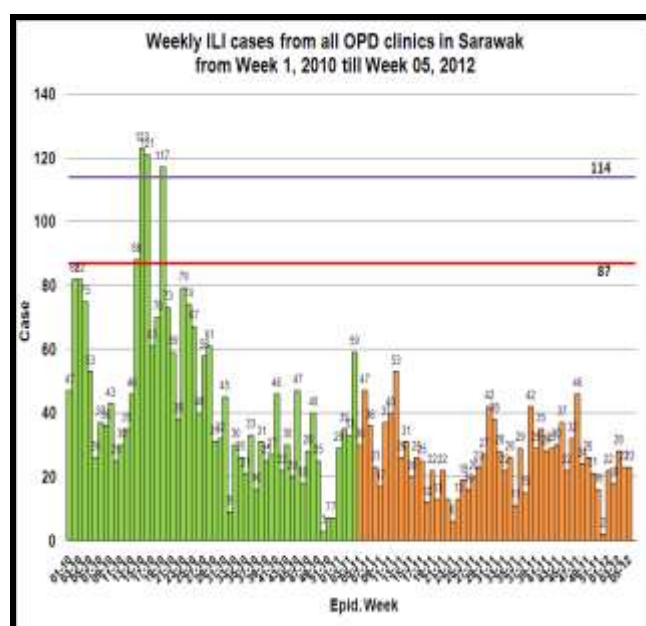
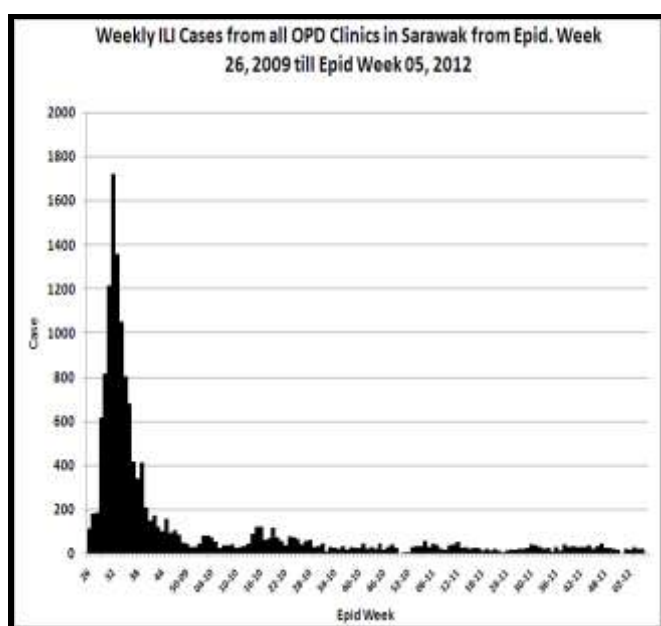
EW = Epid. Week; Cum. = cumulative figure

10.1.2 Outpatient Influenza-Like Illness (ILI) Surveillance from Epid. Week 1 in 2010 till Epid. Week 5 in 2012.



In Epid. Week 5, 2012, three 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).

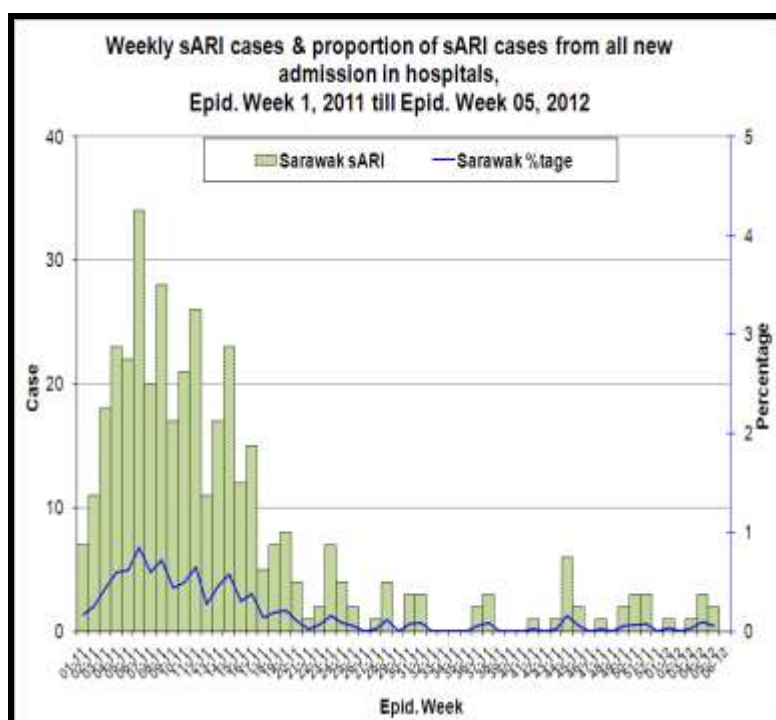


Referring to a letter dated 25 January 2011 from Office of the Deputy Director-General of Health (Public Health), Department of Public Health, Ministry of Health Malaysia about **PEMANTAUAN AKTIVITI A/H1N1pdm09 SECARA BERTERUSAN**, all PKB/PKD must send their daily H1N1 report as well as ILI and sARI 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 4th February 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 4th February 2012.

| Division | Hospital | New EW 5 | Cumulative 2012 | No. of Inpatient | | | No. of Patient on Ventilator | Throat swabs | | |
|-----------|-------------|----------|-----------------|------------------|-----|-------------|------------------------------|--------------|---------|----------|
| | | | | ICU | ISO | Other wards | | Positive | Pending | Negative |
| Kuching | SGH Kuching | 1 | 6 | 0 | 1 | 0 | 0 | 0 | 1 | 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 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 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 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miri | Miri | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Marudi | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Limbang | Limbang | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Lawas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | 2 | 12 | 0 | 1 | 1 | 0 | 0 | 2 | 0 |

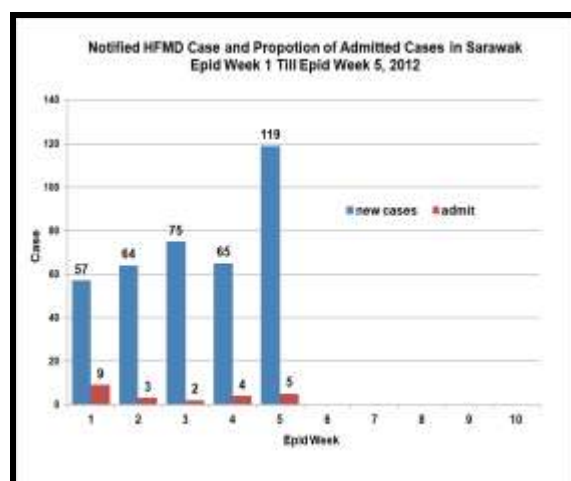
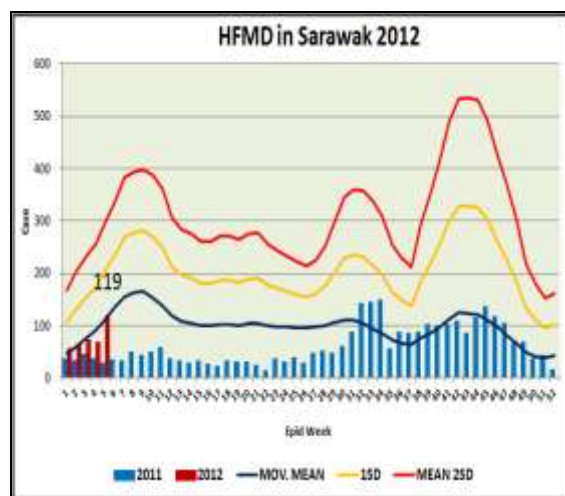
EW = Epid. Week; Cum. = Cumulative figure

Two sARI cases reported in Epid. Week 5, 2012 from SGH Kuching and Bintulu Hospital. All laboratory results for Influenza A(H1N1) pdm09. was still pending.

10.2. Notified HFMD (masterlist) cases for Epid. Week 5, 2012 compared to Epid. Week 5, 2011 and cumulative cases in Epid. Week 5, 2011.

| District / Division | 2012 | | 2011 | | Total |
|---------------------|------------|------------|-----------|------------|-------------|
| | EW 5 | Cum. | EW 5 | Cum. | |
| Lundu | 0 | 0 | 1 | 19 | 602 |
| Bau | 1 | 6 | 2 | 5 | 149 |
| Kuching | 44 | 125 | 0 | 1 | 31 |
| KUCHING | 45 | 131 | 3 | 25 | 782 |
| Samarahan | 9 | 12 | 1 | 1 | 127 |
| Asajaya | 1 | 1 | 0 | 0 | 35 |
| Simunjan | 0 | 1 | 0 | 0 | 19 |
| Serian | 6 | 19 | 0 | 0 | 39 |
| SAMARAHAN | 16 | 33 | 1 | 1 | 220 |
| Sri Aman | 6 | 11 | 0 | 1 | 97 |
| Lubok Antu | 0 | 2 | 0 | 0 | 18 |
| SRI AMAN | 6 | 13 | 0 | 1 | 115 |
| Betong | 4 | 9 | 0 | 2 | 57 |
| Saratok | 0 | 10 | 1 | 11 | 37 |
| BETONG | 4 | 19 | 1 | 13 | 94 |
| Sarikei | 2 | 8 | 5 | 14 | 188 |
| Meradong | 0 | 3 | 0 | 1 | 73 |
| Pakan | 1 | 1 | 0 | 1 | 7 |
| Julau | 1 | 2 | 0 | 0 | 32 |
| SARIKEI | 4 | 14 | 5 | 16 | 300 |
| Daro | 0 | 0 | 0 | 0 | 7 |
| Matu | 0 | 0 | 0 | 0 | 4 |
| Dalat | 1 | 6 | 0 | 12 | 84 |
| Mukah | 3 | 3 | 1 | 7 | 42 |
| MUKAH | 4 | 9 | 1 | 19 | 137 |
| Sibu | 2 | 10 | 3 | 14 | 149 |
| Kanowit | 0 | 1 | 0 | 0 | 6 |
| Selangau | 0 | 0 | 0 | 0 | 22 |
| SIBU | 2 | 11 | 3 | 14 | 177 |
| Song | 1 | 2 | 2 | 4 | 64 |
| Kapit | 7 | 33 | 0 | 0 | 12 |
| Belaga | 1 | 12 | 0 | 4 | 55 |
| KAPIT | 9 | 47 | 2 | 8 | 131 |
| Tatau | 1 | 7 | 11 | 52 | 747 |
| Bintulu | 11 | 45 | 0 | 5 | 25 |
| BINTULU | 12 | 52 | 11 | 57 | 772 |
| Miri | 6 | 32 | 2 | 26 | 324 |
| Marudi | 0 | 0 | 0 | 2 | 49 |
| MIRI | 6 | 32 | 2 | 28 | 373 |
| Limbang | 7 | 8 | 1 | 1 | 65 |
| Lawas | 4 | 10 | 0 | 0 | 4 |
| LIMBANG | 11 | 18 | 1 | 1 | 69 |
| SARAWAK | 119 | 379 | 30 | 183 | 3170 |

EW = Epid. Week; Cum. = Cumulative figure



A total of 119 HFMD cases reported in Epid. Week 5, 2012 compared to 30 cases during the same period in 2011.

The top five districts with the highest total number of reported cases in 2012 are.

1. Kuching
2. Bintulu
3. Kapit
4. Miri
5. Serian

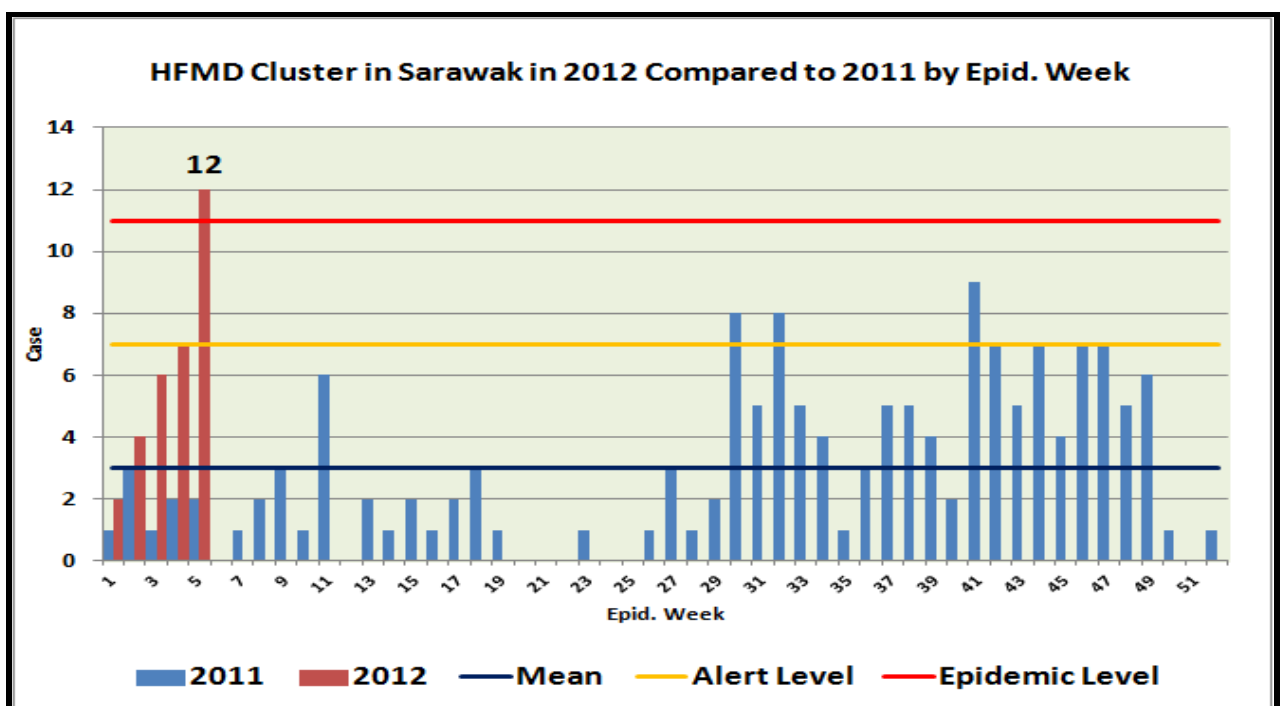
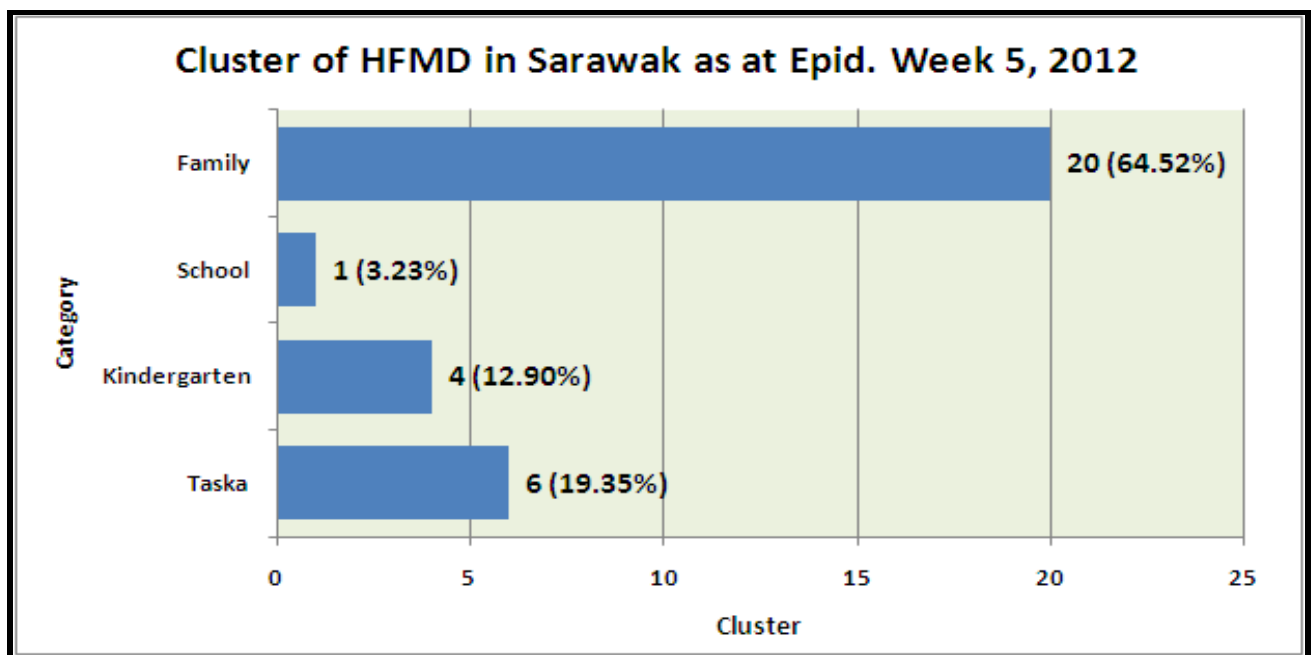
10.2.1 Comparison of total number of notified HFMD cases and registered HFMD cases in e-Notifikasi system by district as at 4th February 2012.

| District | Masterlist | | Registered Case | | Back Log | |
|------------------|------------|------------|-----------------|------------|------------|------------|
| | EW 5 | Total | EW 5 | Total | EW 5 | Total |
| Kuching | 44 | 125 | 18 | 98 | 26 | 27 |
| Bau | 1 | 6 | 1 | 5 | 0 | 1 |
| Lundu | 0 | 0 | 0 | 0 | 0 | 0 |
| KUCHING | 45 | 131 | 19 | 103 | 26 | 28 |
| Samarahan | 9 | 12 | 0 | 2 | 9 | 10 |
| Asajaya | 1 | 1 | 0 | 0 | 1 | 1 |
| Simunjan | 0 | 1 | 0 | 1 | 0 | 0 |
| Serian | 6 | 19 | 0 | 13 | 6 | 6 |
| SAMARAHAN | 16 | 33 | 0 | 16 | 16 | 17 |
| Sri Aman | 4 | 11 | 4 | 9 | 16 | 2 |
| Lubok Antu | 0 | 2 | 0 | 1 | 2 | 1 |
| SRI AMAN | 4 | 13 | 4 | 10 | 18 | 1 |
| Betong | 4 | 9 | 0 | 2 | 4 | 7 |
| Saratok | 0 | 10 | 0 | 6 | 0 | 4 |
| BETONG | 4 | 19 | 0 | 8 | 4 | 11 |
| Sarikei | 2 | 8 | 2 | 7 | 0 | 1 |
| Meradong | 0 | 3 | 0 | 2 | 0 | 1 |
| Pakan | 1 | 1 | 0 | 0 | 1 | 1 |
| Julau | 1 | 2 | 0 | 1 | 1 | 1 |
| SARIKEI | 4 | 14 | 2 | 10 | 2 | 4 |
| Daro | 0 | 0 | 0 | 0 | 0 | 0 |
| Matu | 0 | 0 | 0 | 0 | 0 | 0 |
| Mukah | 3 | 3 | 2 | 2 | 1 | 1 |
| Dalat | 1 | 6 | 1 | 6 | 0 | 0 |
| MUKAH | 4 | 9 | 3 | 8 | 1 | 1 |
| Sibu | 2 | 10 | 2 | 9 | 0 | 1 |
| Selangau | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanowit | 0 | 1 | 0 | 1 | 0 | 0 |
| SIBU | 2 | 11 | 2 | 10 | 0 | 1 |
| Kapit | 7 | 34 | 1 | 23 | 6 | 11 |
| Song | 1 | 2 | 0 | 1 | 1 | 1 |
| Belaga | 1 | 12 | 0 | 11 | 1 | 1 |
| KAPIT | 9 | 48 | 1 | 35 | 8 | 13 |
| Bintulu | 11 | 45 | 0 | 28 | 11 | 11 |
| Tatau | 1 | 7 | 0 | 3 | 1 | 4 |
| BINTULU | 12 | 52 | 0 | 31 | 12 | 21 |
| Miri | 6 | 32 | 0 | 20 | 6 | 12 |
| Marudi | 0 | 0 | 0 | 0 | 0 | 0 |
| MIRI | 6 | 32 | 0 | 20 | 6 | 12 |
| Limbang | 7 | 8 | 0 | 1 | 7 | 7 |
| Lawas | 4 | 10 | 0 | 5 | 4 | 5 |
| LIMBANG | 11 | 18 | 0 | 6 | 11 | 12 |
| SARAWAK | 119 | 380 | 31 | 257 | 104 | 123 |

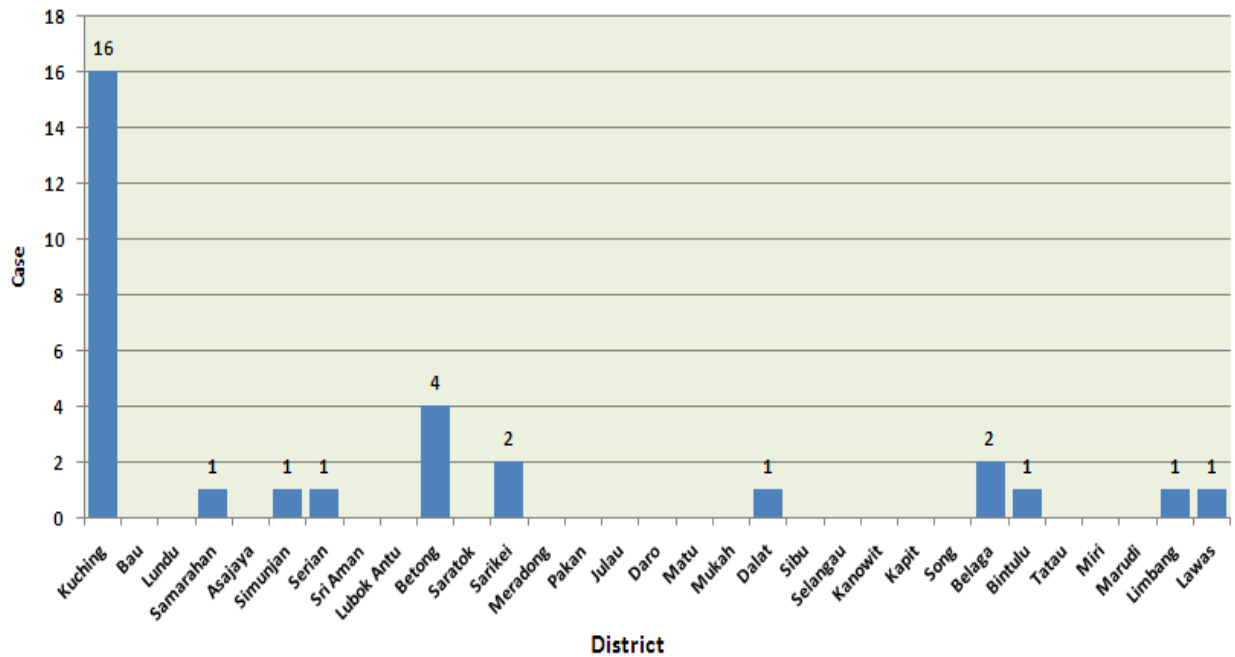
10.2.2. Cumulative HFMD Clusters as of 4th February 2012.

Twelve HFMD clusters were reported in Epid. Week 5, 2012 involving four *taska*(s) from district Kuching (2), Betong (1) dan Kota Samaharan (1) district; one preschool from Sarikei district and seven family clusters from Kuching (4) and one each Lawas, Limbang, and Bintulu district.

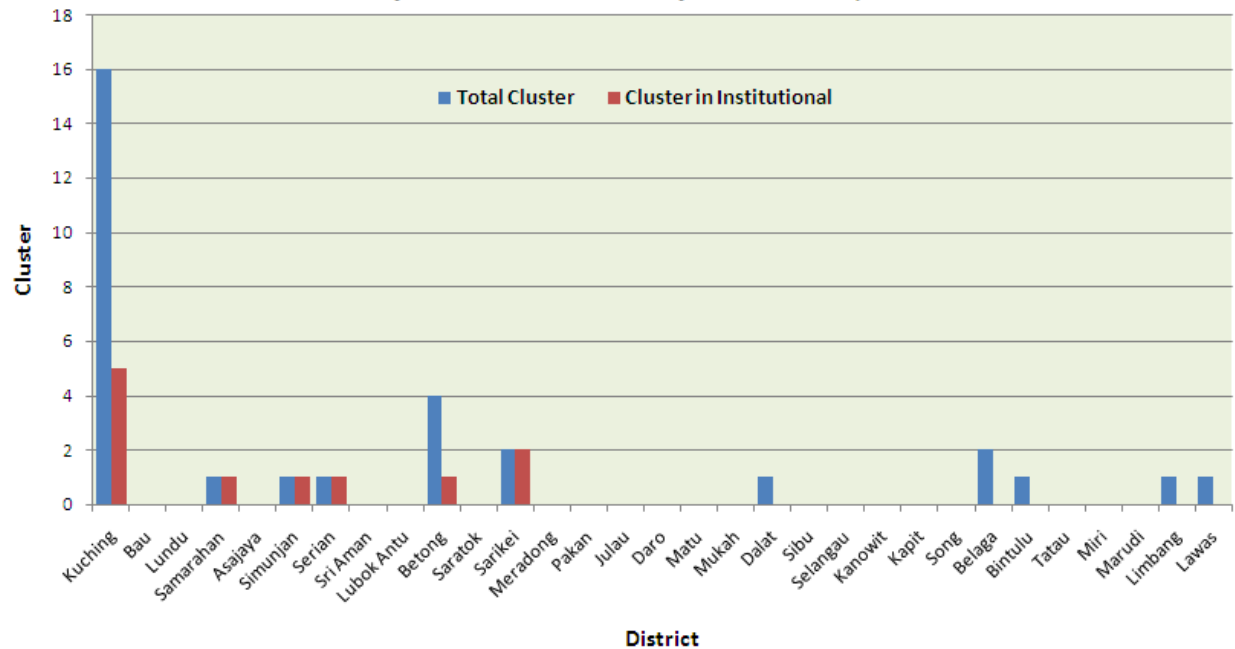
As at 4th February 2012, a total of 31 clusters reported. Of these, 20 (64.52%) were family clusters, six *taska* (19.35%), four kindergarten (12.90%) and one school primary (3.23%).



**HFMD Cluster in Sarawak by District
from Epid. Week 1 until Epid. Week 5, 2012**



**HFMD Cluster in Sarawak by District
from Epid. Week 1 until Epid. Week 5, 2012**



10.3. Notified Leptospirosis cases for Epid. Week 5, 2012 compared to Epid. Week 5, 2011 and cumulative cases till Epid. Week 5 in 2012.

| District | Case classification (positive) | | | | Total positive leptospirosis | | |
|--------------|--------------------------------|--------------|--------------|--------------|------------------------------|-----------------|--------------|
| | Confirmed | | Probable | | 2012 | 2011 | 2010 |
| | EW 5 2012 | EW 5 2011 | EW 5 2012 | EW 5 2011 | | | |
| Bau | 0 | 0 | 0 | 0 | 0 | 4(1) | 1 |
| Lundu | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| Kuching | 0 | 0 | 2 | 0 | 2 | 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(2) | 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 | 5(1) | 0 |
| Saratok | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| Sarikei | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Meradong | 0 | 0 | 0 | 0 | 0 | 24 | 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 | 3 | 0 | 3 | 2(1) | 1 |
| Lawas | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 5 | 0 | 5 | 190 (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

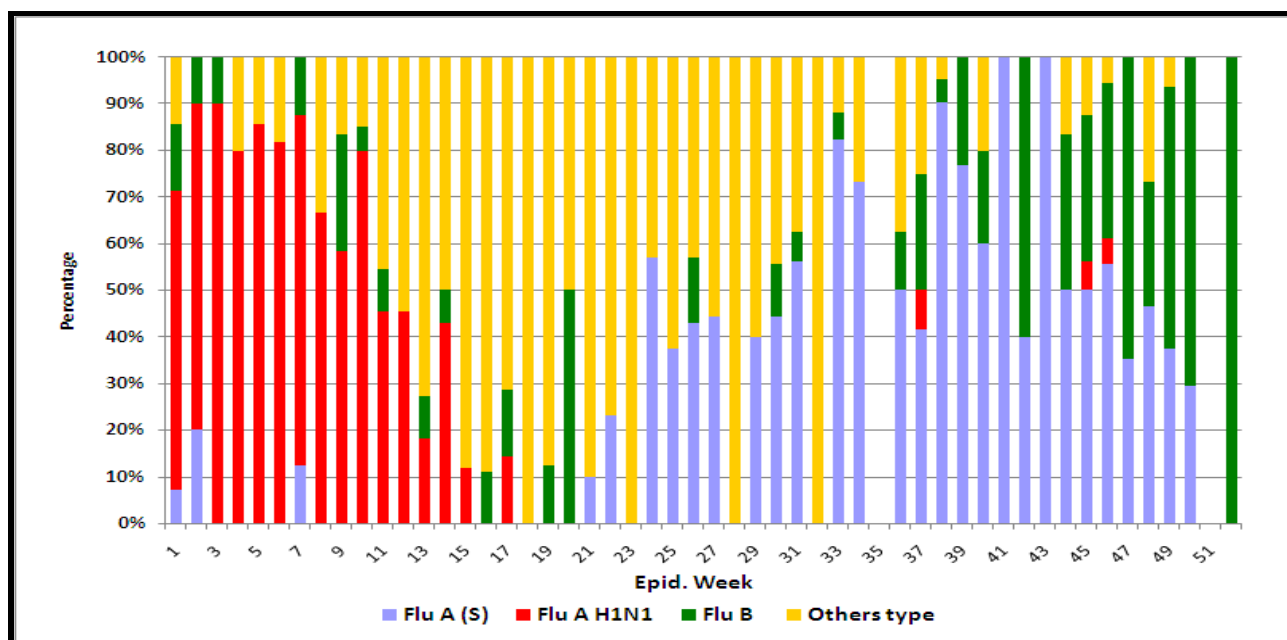
10.4. Notified Melioidosis cases for Epid. Week 5, 2011 compared to Epid. Week 5, 2011 and cumulative cases until Epid. Week 5, 2012.

| District | Blood test result | | | | Total positive | | |
|------------|-------------------|--------------|--------------|--------------|----------------|----------|---------|
| | Positive | | | | 2012 | 2011 | 2010 |
| | Culture | | Serology | | | | |
| | EW 5/2012 | EW 5/2011 | EW 5/2012 | EW 5/2011 | | | |
| 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).

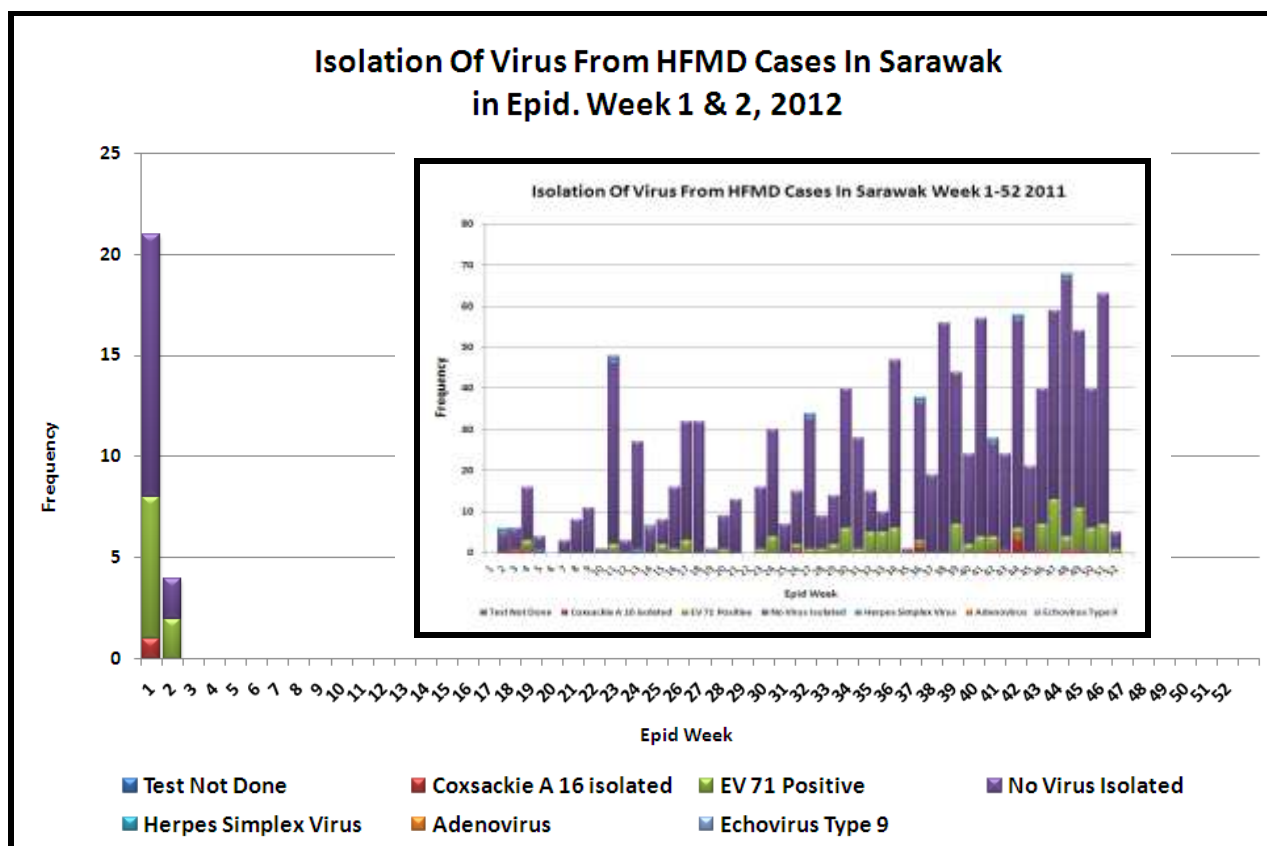
11.2. Laboratory Based Surveillance for Measles in Malaysia

In Malaysia, as at Epid. Week 3, 2012, a total of 353 serum specimens for serology test were sent to MKAK Sg. Buloh and MKAK Kota Kinabalu. Of these, 129 were positive for IgM Measles (with 5 equivocal) and 17 positive for IgM Rubella.

For Sarawak, as at Epid Week 3, 2012, a total of 63 specimens for serology test were sent to MKAK Sg Buloh, 28 were positive for IgM Measles and two was positive for IgM Rubella. The positive specimens for IgM Measles were received from Miri (20), Bintulu (7) and Sibu (1) district.

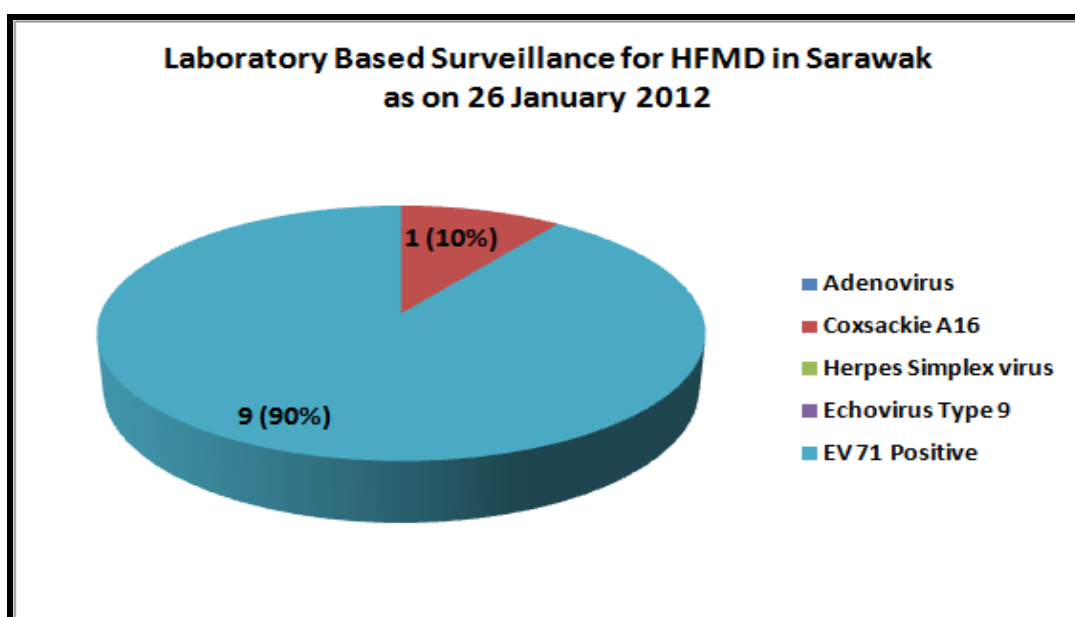
In 2011, Sarawak Health Department sent a total of 360 serum specimens for serology test to MKAK Sg. Buloh. Of these, 40 were positive for IgM Measles (with 6 equivocal) and 40 positive for Rubella (with 17 equivocal)

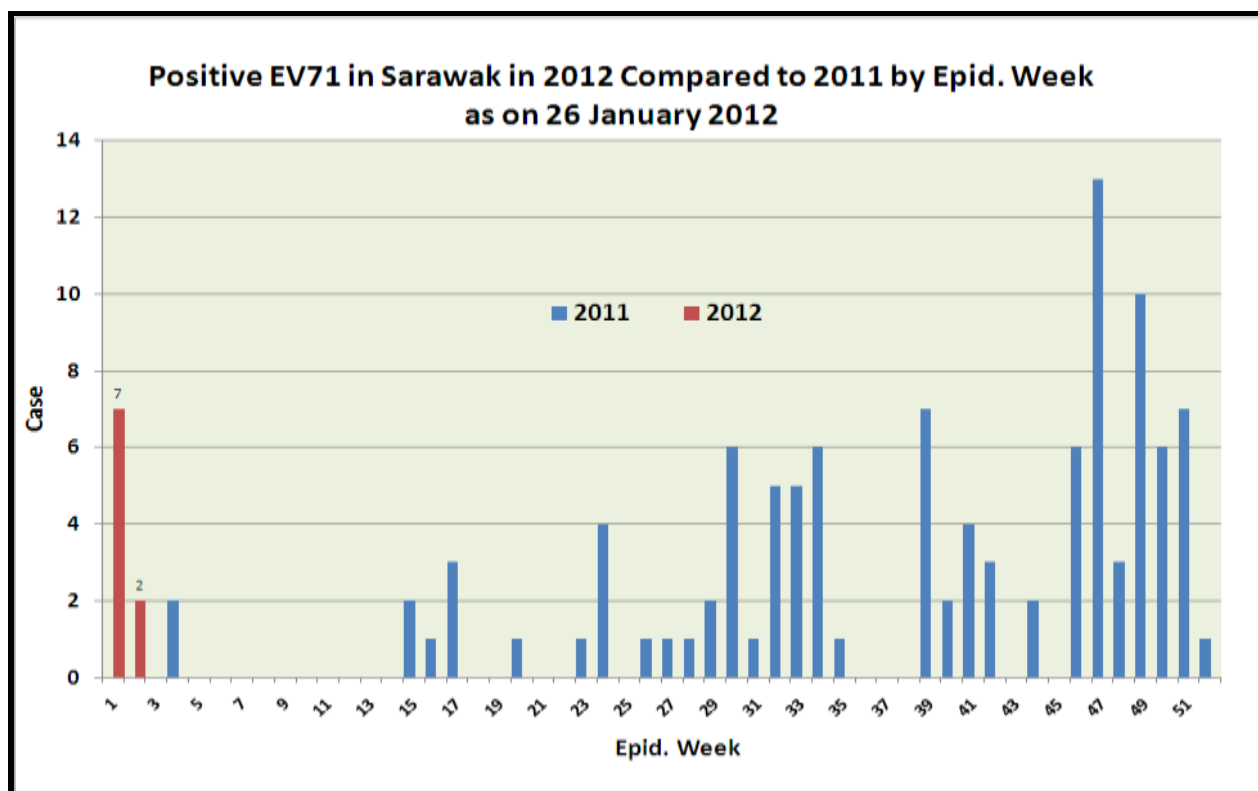
11.3. Laboratory Based Surveillance for HFMD in Sarawak from Epid Week 1 till Epid Week 3, 2012 compared to 2011 (insert).



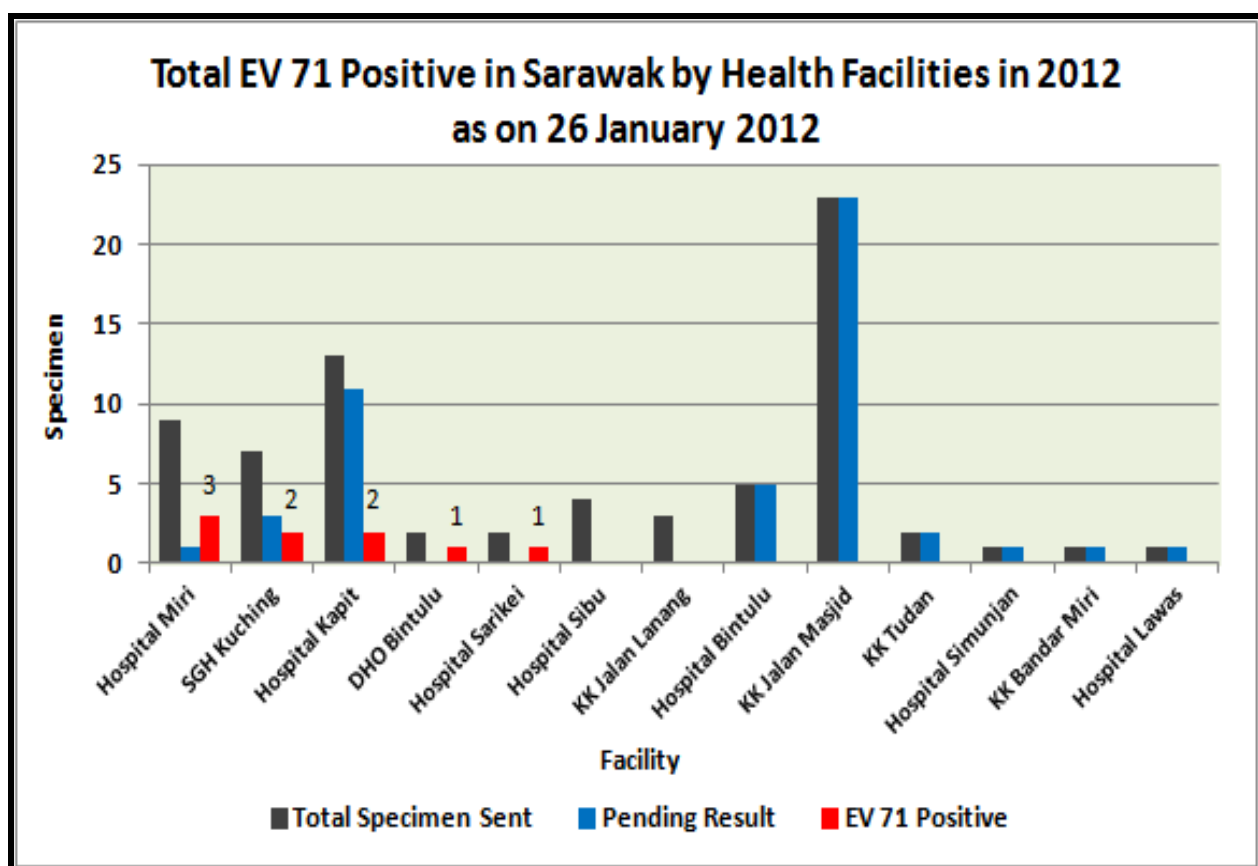
*results from EW 3, 2012 onwards are still pending

As on 26th January, 2012, a total of 73 specimens were sent to MKAK Sg. Buloh for viral isolation. Of these, 10 (13.70%) specimens isolated viruses: EV71 (9), Coxsackie A16 (1). No viruses isolated in 15 (20.55%) specimens and another 48 (65.75%) specimens are still pending.

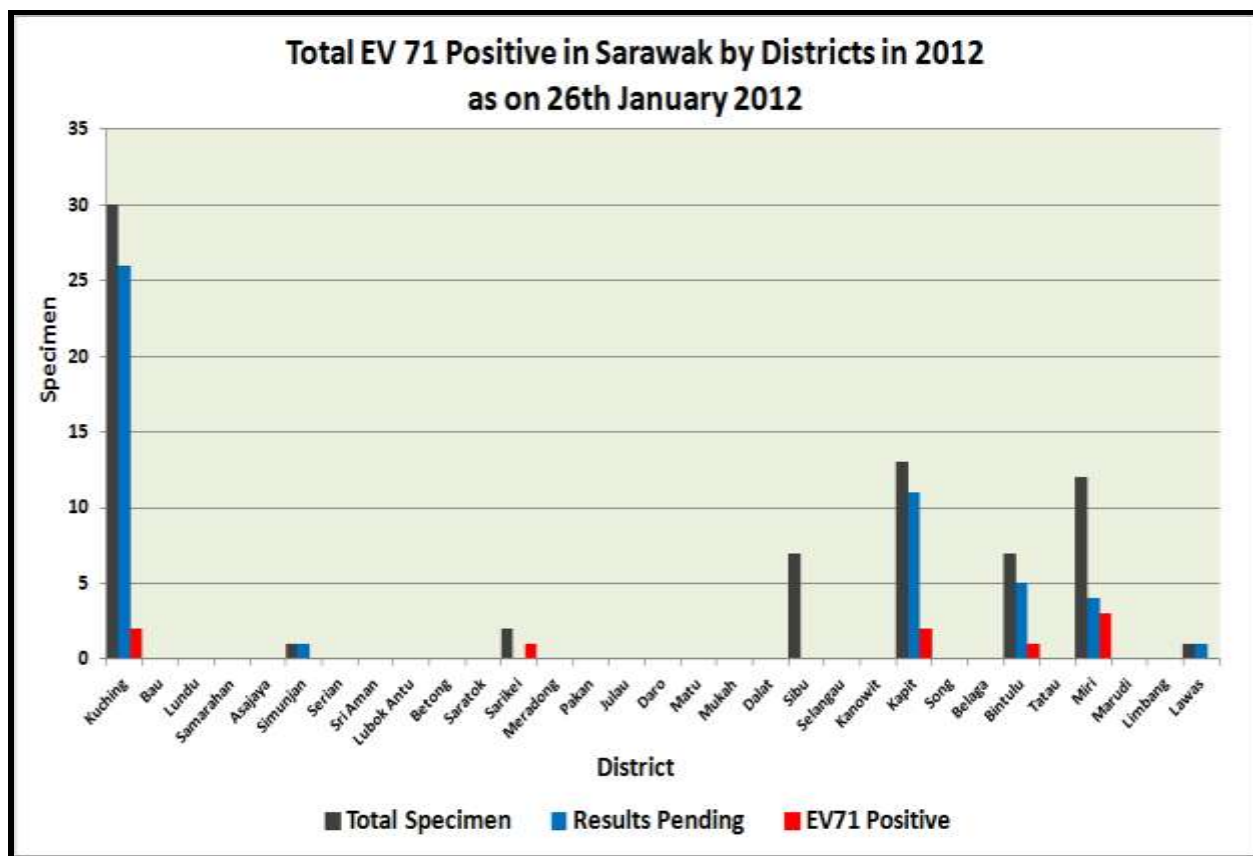




*results from EW 3, 2012 onwards are still pending



*results from EW 3, 2012 onwards are still pending



*results from EW 3, 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 |
|-----|---|---|-----------------------------|---|
| 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 |
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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.