



SARAWAK STATE HEALTH DEPARTMENT

EPIDEMIOLOGICAL NEWS

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2007, 25TH YEAR**

Mandatory Notification of HFMD

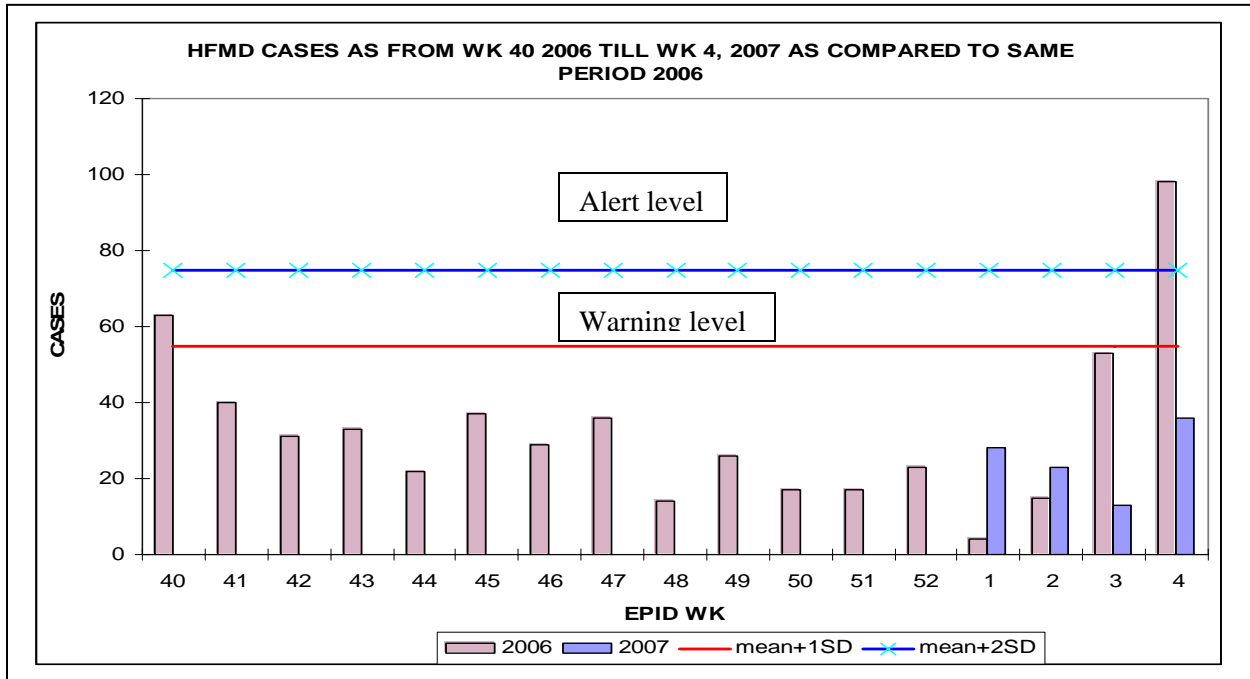
HFMD has been made a notifiable disease under the Prevention and Control of Infectious diseases Act 1988, effective from 12 October 2006. Part I of the First Schedule of the Act has been amended to include HFMD and to exclude "myocarditis" which was in the original list.

HFMD Alert

In response to the positive result of EV 71 detected by Institute of Health and Community Medicine (IHCM), UNIMAS on the 22nd and 25th January, 2007 from Kuching (1+ve), Sarikei (3+ve), Miri (1+ve) and Limbang (2+ve), a state wide alert was issued on the 24th January, 2007 to all Divisional Health Offices, District Health Offices and Hospitals.

Looking at the trend of HFMD in the state till the end of week 4 of 2007, it is less as compared to the same period last year and still below the warning level for the state as in the graph.

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This alert is aimed at averting another outbreak. District Health offices are advised to investigate all cases reported and to do active case detection (ACD) and to intensify health education to all child care centers and primary schools.

HFMD Rapid response in Sarikei

Following the detection of three EV71-positive cases from Sarikei, one team from the Sarawak Health department, comprising two public health specialists, one assistant environmental health officer, one medical laboratory technologist and a driver, was sent to Sarikei, on 25th January 2007, to assist in the investigation and control of HFMD. They were joined by a scientist from the IHCM laboratory, UNIMAS, as well as a field team from Samarahan Divisional Health Office, to assist the Sarikei team with the above activities.

4. Closure of institutions

To stop the spread of infection among children, a total of three institutions have been closed, as shown in *Table 2* below. These institutions were ordered closed after HFMD cases were detected by ACD.

Table 2: Institutions Served with Closure Order, Sarawak, as of 31st January 2007

No.	District	Institution	Total Cases		Effective date of closure
			PCD*	ACD**	
1	Sri Aman	Sedidik Sri Jaya No 52, Lot 298, Sri Jaya Park, Sri Aman	1	3	30 th January, 2007
2	Sarikei	Kindergarten Methodist Sze Hua, Sarikei	1	4	31st January, 2007
3	Sarikei	Tadika St Clement, Sarikei	1	4	31st January, 2007

N.B. *PCD Passive Case Detection

**ACD Active Cases Detection

Updated Immunization Schedule

The Government of Malaysia has introduced a revised National Immunization Programme for Children. This revised programme will continue to ensure that every child is safely immunized for continuous protection against vaccine-preventable diseases.

The new combination vaccines with the revised schedule will enable increased acceptance of the immunization programme and higher vaccines uptake.

Up till 2002, the Ministry of Health has included four single vaccines (BCG, Hepatitis B, Oral Polio and measles) and two combination vaccines (DPT or DT) in its expanded programme on immunisation for children.

In 2002, the immunization schedule was revised to include immunization for *Haemophilus influenzae* b serotype as a combination vaccine (DPT-Hib). In addition, measles immunisation was changed from a single dose vaccine at 18 months to a 2-doses combination vaccine (MMR) at 12 months and at Standard One. For the Penans, a single dose measles vaccine is also given at 6 months of age. The BCG booster dose at Standard One was discontinued in July 2002 as recommended by the WHO.

With availability of new technology, a combination vaccine has also been introduced for ease of vaccine administration. Tritanrix DPT – HB & Hib was introduced in 2006, a 5-in-one combination vaccine for diphtheria, tetanus, pertussis, hepatitis B virus and Hemophilus influenza b serotype. This product has been chosen for the National Immunization programme to reduce the number of injections our children receive and to contain cost.

In Sarawak, JE immunization was introduced for all children in 1999. The first primary dose is given at 9 months followed by boosters every three years.

Table 1 Immunization Schedule for Sarawak

Immunization	Age (month)													Age (years)				
	0	1	2	3	4	5	6	7	8	9	10	11	12	1½	4½	7	12	15
BCG	■																	
Hepatitis B	■		■	■		■												
DPT			■	■		■								■				
OPV			■	■		■								■		■		
Hib			■	■		■								■				
MMR													■			■		
DT																■		
Tetanus																		■
JE										■	■			■	■			

Outbreaks in January 2007

Food Poisoning

A total of seven (7) food poisoning episodes reported in January, 2007, are still under investigation. All were reported from institutions i.e. three primary schools, three secondary schools and one National Service Training Centre.

FOOD POISONING OUTBREAKS IN JANUARY, 2007

No.	DISTRICT	DATE	PLACE	PERSONS AFFECTED					SUSPECTED FOOD
				SICK	TREATED	ADMITTED	MALE	FEMALE	
1	SARATOK	04.01.07	SMK(BM) SARATOK	64	64	0	23	41	Fried fish
2	BAU	11.01.07	SMK LAKE	41	8	0	13	31	Under investigation
3	SAMARAHAN	11.01.07	SK DASO TRAOH	6	6	0	3	5	Fried sausage & syrup
4	BETONG	13.01.07	PUSAT LATIHAN KHIDMAT NEGARA, BUKIT SABAN	42	42	0	17	25	Under investigation
5	MUKAH	11.01.07	SK PARISH, BALINGIAN, MUKAH	22	22	0	10	12	Fried sausage
6	SARATOK	18.01.07	SK ABANG MOH, SESSANG, SARATOK	18	18	0	10	8	Noodle soup
7	MIRI	30.01.07	SMK AGAMA MIRI	112	42	0	48	64	Chicken curry

**NOTIFIABLE DISEASE IN SARAWAK
BY DISTRICT
JANUARY 2007**

DISTRICTS	AIDS	Cholera	Dengue Fever	Dengue H. Fever	Dysentery	Food Poisoning	Gonorrhoea	Hand, Foot & Mouth	Leprosy	Malaria	Whooping Cough	Measles	Syphilis, Congenital	Syphilis (All Forms)	Tuberculosis (All forms)	Typhoid & Paratyphoid Fever	Typhus, Scrub	Hepatitis A	Hepatitis B	Other Hepatitis	Viral Encephalitis	TOTAL
Lundu	0	0	0	0	0	0	0	2	0	6	0	0	0	0	3	0	0	0	0	0	0	11
Bau	0	0	10	0	1	44	0	14	0	2	0	0	0	0	4	0	0	0	0	0	0	75
Kuching	0	0	92	2	2	2	9	53	0	5	0	1	0	5	22	0	0	0	7	0	0	200
Samarahan	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Serian	0	0	6	1	1	11	3	3	0	8	0	0	0	0	5	0	0	0	1	0	0	39
Simunjan	0	0	2	0	0	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	6
Sri Aman	0	0	9	0	0	0	0	4	0	1	0	0	0	0	7	0	0	0	1	0	1	23
L/ Antu	0	0	1	1	2	0	2	0	0	1	0	0	0	0	2	0	0	0	0	0	0	9
Betong	0	0	17	0	0	42	0	7	0	0	0	0	0	0	4	0	0	0	0	0	2	72
Saratok	0	0	2	0	1	64	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	71
Sarikei	0	0	43	1	0	0	0	23	0	1	0	0	0	0	4	0	0	0	0	0	0	72
Julau/Pakan	0	0	0	0	1	0	0	1	0	1	0	0	0	0	4/2	0	0	0	0	0	0	9
Meradong	0	0	4	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	6
Daro	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	6
Sibu/Selangau	0	0	47	1	0	0	1	23	0	5	0	0	0	8	9/5	0	0	0	0	0	0	99
Kanowit	0	0	4	0	0	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	9
Mukah	0	0	1	0	0	22	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	27
Dalat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Kapit	0	0	9	1	0	0	0	2	0	0	0	0	0	0	6	0	0	0	0	0	0	18
Song	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	4
Belaga	0	0	7	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	10
Bintulu	0	0	54	0	0	0	18	22	0	8	0	3	0	6	5	0	0	0	1	0	0	117
Tatau	0	0	9	0	0	0	0	0	0	3	0	0	0	2	1	0	0	0	0	0	0	15
Miri	1	0	11	0	1	0	7	12	0	7	0	3	0	5	14	0	0	0	0	0	1	62
Marudi	0	0	8	0	3	0	0	0	0	7	0	0	0	0	4	0	0	0	1	0	0	23
Limbang	0	0	2	1	0	0	3	0	0	1	0	1	0	0	3	0	0	0	1	0	0	12
Lawas	0	0	2	1	0	0	0	1	0	0	0	0	0	0	5	0	0	0	0	0	0	9
TOTAL	1	0	352	10	12	186	44	170	0	60	0	8	0	26	129	0	0	0	12	0	4	1014

ICD CODE	DISEASES	Median 2002-2006	Month Ending		Cumulative Total	
			31/01/2006	31/01/2007	2006(Annual)	2007
B20 - B24	HIV/AIDS (Death)	0	2	1	114/69(1)(20)	1
A57	Chancroid	0	0	0	0	0
A00.9	Cholera	0	0	0	0	0
A90	Dengue Fever	55	95	352	1799	352
A91	Dengue Haemorrhagic Fever	2	13	10	22	10
A36.0-A36.9	Diphtheria	0	0	0	0	0
A06.0,A09	Dysentery All Types	5	3	12	86	12
A05,T61-T62	Food Poisoning	12	16	186	187	186
A54.0-A54.9	Gonococcal Infections(All Forms)	49	15	44	383	44
A54.3	Ophthalmia Neonatorum	0	0	0	0	0
A30.9	Leprosy	0	0	0	16	0
B54	Malaria	97	56	60	1371	60
B05	Measles	8	8	8	182	8
A20	Plague	0	0	0	0	0
A80.9	Poliomyelitis, acute	0	0	0	0	0
A82	Rabies	0	0	0	0	0
A68	Relapsing Fever	0	0	0	0	0
A50	Congenital Syphilis	0	0	0	0	0
A51-A53	Syphilis(All forms)	28	20	26	296	26
A33	Tetanus Neonatorum	0	0	0	2	0
A35	Tetanus (adults)	0	0	0	2	0
A16-A19	Tuberculosis(All forms)	100	136	129	1633	129
A01	Typhoid and Paratyphoid fevers	2	0	0	14	0
A75	Typhus, epidemic	0	0	0	0	0
A75.2	Typhus, flea-borne	0	0	0	8	0
A75.3	Typhus, scrub	0	0	0	0	0
A83,A84,A85,A86	Viral Encephalitis	1	1	4	35	4
B15.0-B15.9	Viral Hepatitis A	0	0	0	2	0
B16.0 - B 16.9	Viral Hepatitis B	5	0	12	34	12
B19.0 - B19.9	Viral Hepatitis (unspecified)	0	0	0	1	0
A37	Whooping cough	0	0	0	8	0
A95	Yellow Fever	0	0	0	0	0

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