

EPIDEMIOLOGICAL BULLETIN

EPID WEEK 06

DATE : 07.02.2016 – 13.02.2016

OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 6

No	District	Locality	Disease /event	Number of cases
1	MERSING	MRSM, Mersing	Mumps	30

Table 1. Countries/territories/areas with autochthonous transmission of Zika virus, 2007–2016*.

	WHO Regional Office	Country or territory or area ^a
	Reported autochthonous transmission ^a (n=36)	AFRO (N=1)
	AMRO/PAHO (n=28)	Aruba, Barbados, Bolivia, Bonaire, Brazil, Colombia, Costa Rica, Curaçao, Dominican Republic, Ecuador, El Salvador, French Guiana, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Nicaragua, Panama, Paraguay, Puerto Rico, Saint Martin, Suriname, US Virgin Islands, Venezuela
	SEARO (n=2)	Maldives, Thailand
	WPRO (n=5)	American Samoa, Samoa, Solomon Islands, Tonga, Vanuatu
Indication of viral circulation ^b (n=6)	AFRO (n=1)	Gabon
	SEARO (n=1)	Indonesia
	WPRO (n=4)	Cambodia, Fiji, Philippines, Malaysia,
Countries/territories/areas with outbreaks terminated ^c (n=5)	AMRO/PAHO (n=1)	ISLA DE PASCUA, Chile
	WPRO (n=4)	Cook Islands, French Polynesia, New Caledonia, Federated States for Micronesia (Yap)

Advisor

Dr Hajah Fatimah bt. Othman

Editorial Board

Dr Abu Hassan Sha'ari Abdul Kadir
Dr Linayanti Rosli

Editorial Staff

En. Zainalabidin Mokhtar
Pn. Sharliza Ramli
En. Khairul Azreen

Communicable Diseases Control & Surveillance Unit
Johor Health Department (Public Health Section)
Jalan Persiaran Permai, 81200 Johor Bahru

Tel: 07-2356136 Fax: 07-2356221 influenzajknj09@g.mail.com

Sumber : [enotifikasi/edengue/ewabak/emeasles/buletinMKA](#)

Weekly highlights

Zika Alert!

Ministry of Health (MOH) has taken a proactive step to prevent the spread of Zika virus into the country, "Zika Alert and Administrative Instruction for Monitoring and Management of Zika virus Infection" have been distributed to all state health departments, other agencies and professional bodies representing medical practitioners private on February 4, 2015, to strengthen monitoring and prevention Incident cases of Zika. In addition, the Ministry of Health also monitors closely, especially international entrances. Visitors who arrive from countries with Zika virus transmission will be given Health Alert Card and advice on what to do if symptoms and signs of Zika infection appears within a week after returning from the country.

1. COMMUNICABLE DISEASES FOR CURRENT WEEK, 2015 AND 2016, JOHORE STATE

DISEASE		EW 6 2016	EW 6 2015	MEDIAN	CUMULATIVE 2015	CUMULATIVE 2016
NOTIFIABLE DISEASES						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	396	153	51	1042	3011(3)
	DENGUE HAEMORRHAGIC FEVER	1	0	1	1	3
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	1	0
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	1	2	0	7	6
	FOOD POISONING (case)	5	9	12	69	492
8.	GONOCOCCAL INFECTION (all forms)	0	4	2	28	20
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	7	109	12	387	135
10.	HIV INFECTION (all forms)	0	11	5	60	61
	HIV DEATH	0	0	0	0	3
11.	LEPROSY	0	0	0	0	0
12.	LEPTOSPIROSIS	1	17	2	33	30(2)
13.	MALARIA	0	0	1	3	3
14.	MEASLES	0	0	0	0	7
15.	PLAGUE	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0
17.	RABIES	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0
19.	SYPHILIS (all forms)	0	3	1	8	16
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	15	51	36	219	242
	TUBERCULOSIS DEATH	0	0	0	0	5
22.	TYPHOID & PARATYPHOID FEVER	0	1	0	2	1
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	1	0	0	0	1
25.	VIRAL HEPATITIS					
	a) Hepatitis A	0	2	0	3	1
	b) Hepatitis B	1	6	2	18	33
	c) Hepatitis C	0	2	1	11	21
	d) Other Hepatitis	0	0	0	0	1
26.	PERTUSSIS	0	0	0	1	2
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	0	2
2	ACUTE GASTROENTERITIS (AGE)	222	59	624	389	975
3	FILARIASIS	0	1	0	2	0
4	INFLUENZA-LIKE ILLNESS (ILI)	565	129	129	832	4796
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	0	1	10
6	MELIOIDOSIS	0	0	0	0	2
7	BRUCELLOSIS	0	0	0	0	1

2. COMMUNICABLE DISEASES 2012 – 2016, JOHORE STATE

DISEASE		2012	2013	2014	CUMULATIVE 2015	2016
NOTIFIABLE DISEASES						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	180	274	812	1042	3011(3)
	DENGUE HAEMORRHAGIC FEVER	11	12	2	1	3
4.	DIPHThERIA	0	0	0	0	0
5.	DYSENTERY (all types)	1	0	0	1	0
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	0	8	4	7	6
	FOOD POISONING (case)	54	329	101	69	492
8.	GONOCOCCAL INFECTION (all forms)	32	9	7	28	20
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	57	97	72	387	135
10.	HIV INFECTION (all forms)	0	90	58	60	61
	HIV DEATH	0	0	0	0	3
11.	LEPROSY	0	0	1	0	0
12.	LEPTOSPIROSIS	5	6	11	33	30(2)
13.	MALARIA	3	7	0	3	3
14.	MEASLES	0	4	2	0	7
15.	PLAGUE	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0
17.	RABIES	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0
19.	SYPHILIS (all forms)	29	11	13	8	16
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	328	220	240	219	242
	TUBERCULOSIS DEATH	0	0	0	0	5
22.	TYPHOID & PARATYPHOID FEVER	1	5	4	2	1
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	1
25.	VIRAL HEPATITIS					
	a) Hepatitis A	0	2	1	3	1
	b) Hepatitis B	15	24	15	18	33
	c) Hepatitis C	23	54	13	11	21
	d) Other Hepatitis	0	0	0	0	1
26.	PERTUSSIS	0	0	1	1	2
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	1	0	2
2	ACUTE GASTROENTERITIS (AGE)	4283	4148	3239	389	975
3	FILARIASIS	0	0	2	2	0
4	INFLUENZA-LIKE ILLNESS (ILI)	754	986	802	832	4796
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	61	1	10
6	MELIOIDOSIS	0	0	0	0	2
7	BRUCELLOSIS	0	0	0	0	1

3. COMMUNICABLE DISEASES FOR CURRENT WEEK BY DISTRICT, 2016, JOHORE STATE

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
NOTIFIABLE DISEASES												
1.	CHANCROID	0	0	0	0	0	0	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0	0	0	0	0	0	0
3.	DENGUE FEVER	302	17	6	3	11	14	14	10	15	4	396
	DENGUE HAEMORRHAGIC FEVER	0	0	0	0	0	0	0	0	1	0	1
4.	DIPHThERIA	0	0	0	0	0	0	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	0	0	0	0	0	0	0	0
6.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
7.	FOOD POISONING (episode)	1	0	0	0	0	0	0	0	0	0	1
	FOOD POISONING (case)	5	0	0	0	0	0	0	0	0	0	5
8.	GONOCOCCAL INFECTION (all forms)	0	0	0	0	0	0	0	0	0	0	0
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	0	2	1	1	2	0	0	1	0	0	7
10.	HIV INFECTION (all forms)	0	0	0	0	0	0	0	0	0	0	0
	HIV DEATH	0	0	0	0	0	0	0	0	0	0	0
11.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
12.	LEPTOSPIROSIS	1	0	0	0	0	0	0	0	0	0	1
13.	MALARIA	0	0	0	0	0	0	0	0	0	0	0
14.	MEASLES	0	0	0	0	0	0	0	0	0	0	0
15.	PLAGUE	0	0	0	0	0	0	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0
17.	RABIES	0	0	0	0	0	0	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0	0	0	0	0	0	0
19.	SYPHILIS (all forms)	0	0	0	0	0	0	0	0	0	0	0
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	6	2	2	0	4	0	0	0	1	0	15
	TUBERCULOSIS DEATH	0	0	0	0	0	0	0	0	0	0	0
22.	TYPHOID & PARATYPHOID FEVER	0	0	0	0	0	0	0	0	0	0	0
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0	0	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	0	0	0	0	1	0	1
25.	VIRAL HEPATITIS											
	a) Hepatitis A	0	0	0	0	0	0	0	0	0	0	0
	b) Hepatitis B	1	0	0	0	0	0	0	0	0	0	1
	c) Hepatitis C	0	0	0	0	0	0	0	0	0	0	0
	d) Other Hepatitis	0	0	0	0	0	0	0	0	0	0	0
26.	WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0
27.	YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE												
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	0	0	0	0	0	0	0	0
2	ACUTE GASTROENTERITIS (AGE)	19	7	18	28	112	0	22	16	0	0	222
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	565										565
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0										0
6	MELIOIDOSIS	0	0	0	0	0	0	0	0	0	0	0
7	BRUCELLOSIS	0	0	0	0	0	0	0	0	0	0	0

4. COMMUNICABLE DISEASES CUMULATIVE BY DISTRICT, 2016, JOHORE STATE

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
NOTIFIABLE DISEASES												
1.	CHANCROID	0	0	0	0	0	0	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0	0	0	0	0	0	0
3.	DENGUE FEVER	2350(2)	133	35	20	101	99	91	49(1)	117	16	3011(3)
	DENGUE HAEMORRHAGIC FEVER	2	0	0	0	0	0	0	0	1	0	3
4.	DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	0	0	0	0	0	0	0	0
6.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
7.	FOOD POISONING (episode)	2	0	2	0	1	0	0	0	1	0	6
	FOOD POISONING (case)	31	0	159	0	291	0	0	0	11	0	492
8.	GONOCOCCAL INFECTION (all forms)	9	3	0	0	2	0	0	0	6	0	20
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	70	9	3	22	9	8	5	6	2	1	135
10.	HIV INFECTION (all forms)	34	5	3	0	3	3	4	5	3	1	61
	HIV DEATH	1	0	0	0	0	1	0	1	0	0	3
11.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
12.	LEPTOSPIROSIS	10(1)	6	3(2)	0	4	1	2	0	1	3	30
13.	MALARIA	0	0	0	0	0	0	2	0	1	0	3
14.	MEASLES	4	0	0	0	1	0	2	0	0	0	7
15.	PLAGUE	0	0	0	0	0	0	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0
17.	RABIES	0	0	0	0	0	0	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0	0	0	0	0	0	0
19.	SYPHILIS (all forms)	12	3	0	0	0	1	0	0	0	0	16
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	135	10	12	7	22	14	8	9	17	8	242
	TUBERCULOSIS DEATH	2	0	0	1	0	1	0	1	0	0	5
22.	TYPHOID & PARATYPHOID FEVER	0	0	0	0	0	0	0	0	0	1	1
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0	0	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	0	0	0	0	1	0	1
25.	VIRAL HEPATITIS											
	a) Hepatitis A	1	0	0	0	0	0	0	0	0	0	1
	b) Hepatitis B	20	3	0	1	2	0	1	3	3	0	33
	c) Hepatitis C	7	0	0	1	2	3	0	6	2	0	21
	d) Other Hepatitis	0	0	0	0	0	0	0	0	1	0	1
26.	WHOOPING COUGH	0	1	1	0	0	0	0	0	0	0	2
27.	YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE												
1	ACUTE FLACCID PARALYSIS (AFP)	1	0	0	1	0	0	0	0	0	0	2
2	ACUTE GASTROENTERITIS (AGE)	140	27	111	28	112	176	244	137	0	0	975
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	4796										4796
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	10										10
6	MELIOIDOSIS	0	0	0	0	0	0	2	0	0	0	2
7	BRUCELLOSIS	0	0	1	0	0	0	0	0	0	0	1

5. CLUSTER / OUTBREAK BY DISTRICT, 2016, JOHORE STATE

DISEASES		JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
1	ACUTE GASTROENTERITIS (AGE)	0	0	0	0	0	0	0	0	0	0	0
2	CHICKEN POX	0	0	0	0	0	0	0	0	0	0	0
3	CONJUNCTIVITIS	0	0	0	0	0	0	0	0	0	0	0
4	FOOD POISONING	3	0	2	0	2	0	0	0	1	0	8
5	HAND, FOOT & MOUTH DISEASE (HFMD)	3	0	0	2	0	0	1	0	0	0	6
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	3	0	0	0	0	0	1	0	0	0	4
8	LEPTOSPIROSIS	0	0	0	0	0	0	0	0	0	0	0
9	MEASLES	0	0	0	0	0	0	0	0	0	0	0
10	MUMPS	0	0	0	0	0	0	0	0	0	1	1
11	UPPER RESPIRATORY TRACT INFECTION (URTI)/	3	0	0	0	0	0	0	0	0	0	3

6. INFLUENZA SURVEILLANCE 2015- 2016, JOHORE STATE

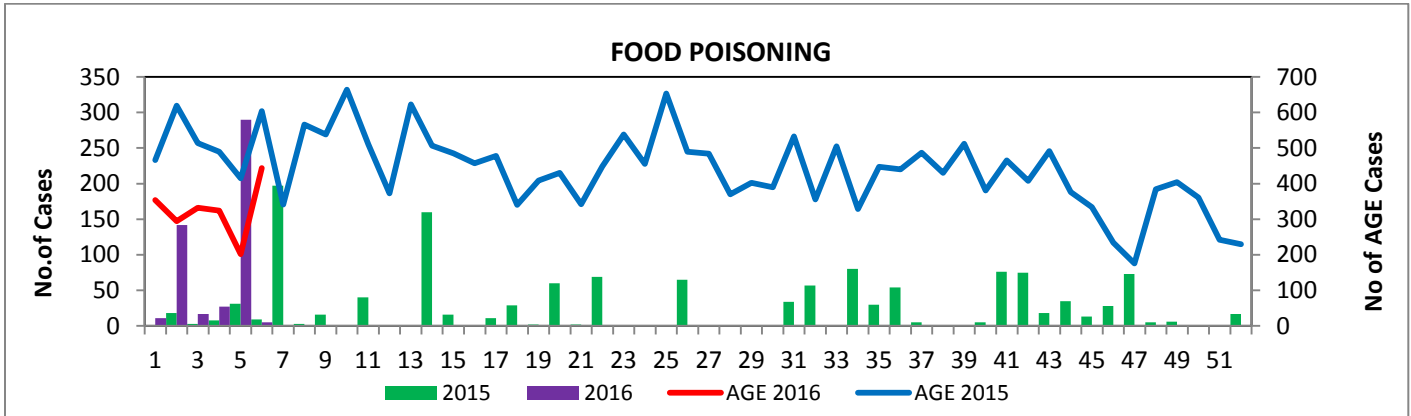
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 5					CUMULATIVE				
	< 10 years	10 to 19 years	20 to 59 years	≥ 60 years	Total	< 10 years	10 to 19 years	20 to 59 years	≥ 60 years	Total
Number of ILI Cases	36	205	280	44	565	437	1592	2440	492	4961
Total Outpatient Attendances	75	881	1184	533	2673	2632	6887	12651	6127	28297

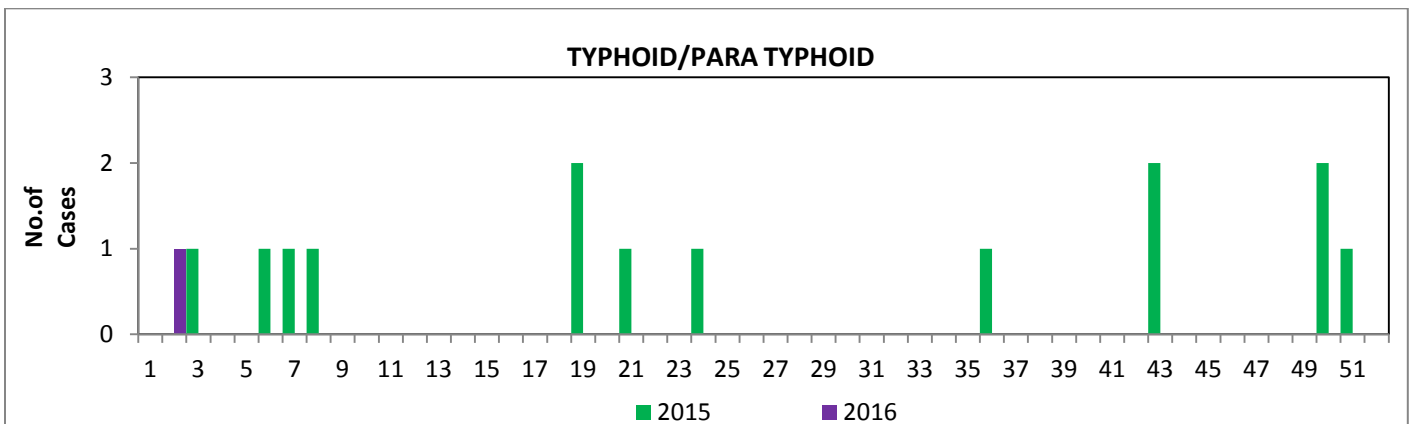
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 5			CUMULATIVE		
	Paediatric Patients (< 13 years)	Adults Patients (≥ 13 years)	Total	Paediatric Patients (< 13 years)	Adults Patients (≥ 13 years)	Total
Number of SARI Cases (New Admission)	6	3	9	13	16	29

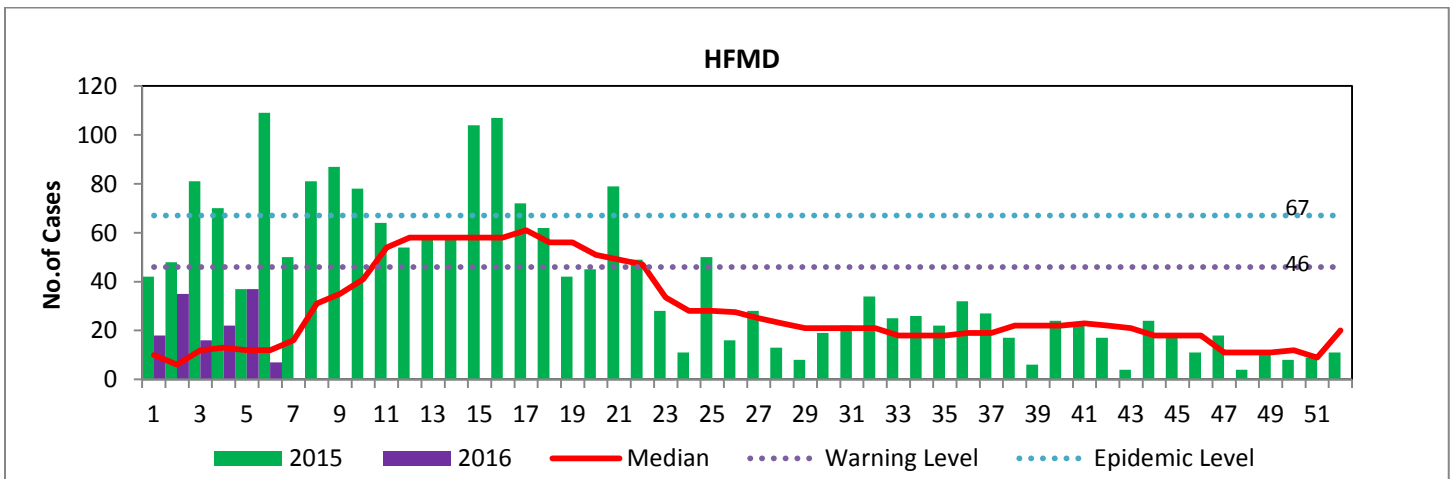
7. WEEKLY CASES OF FOOD POISONING, 2015—2016



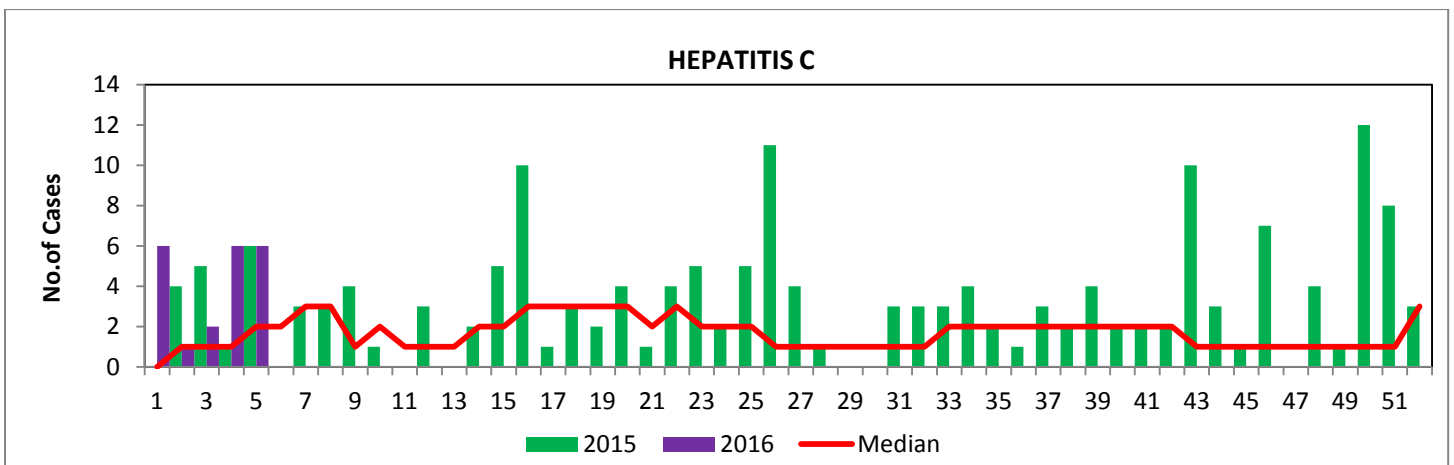
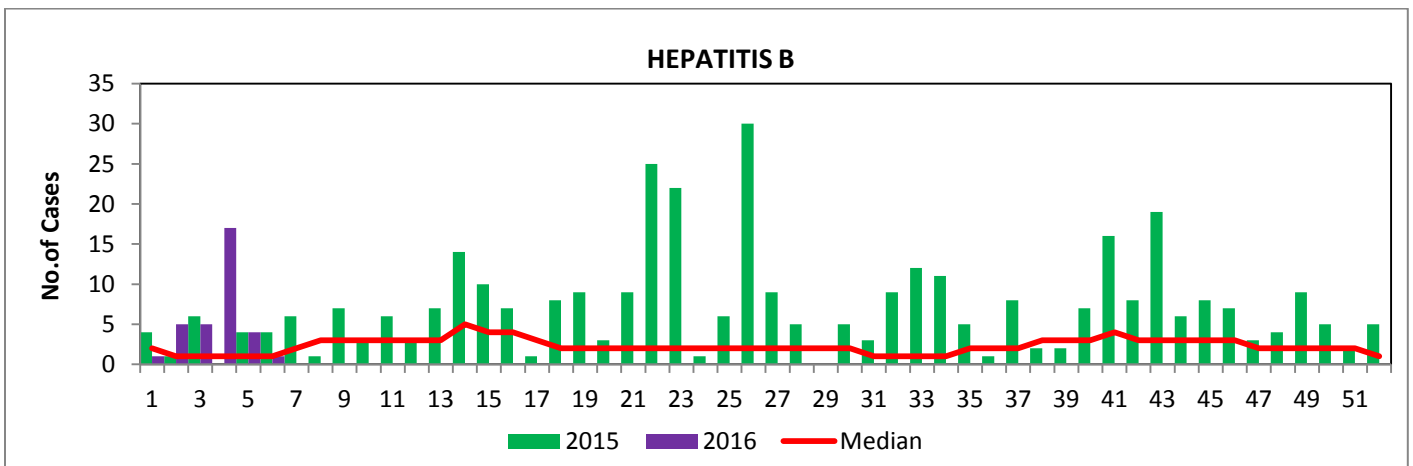
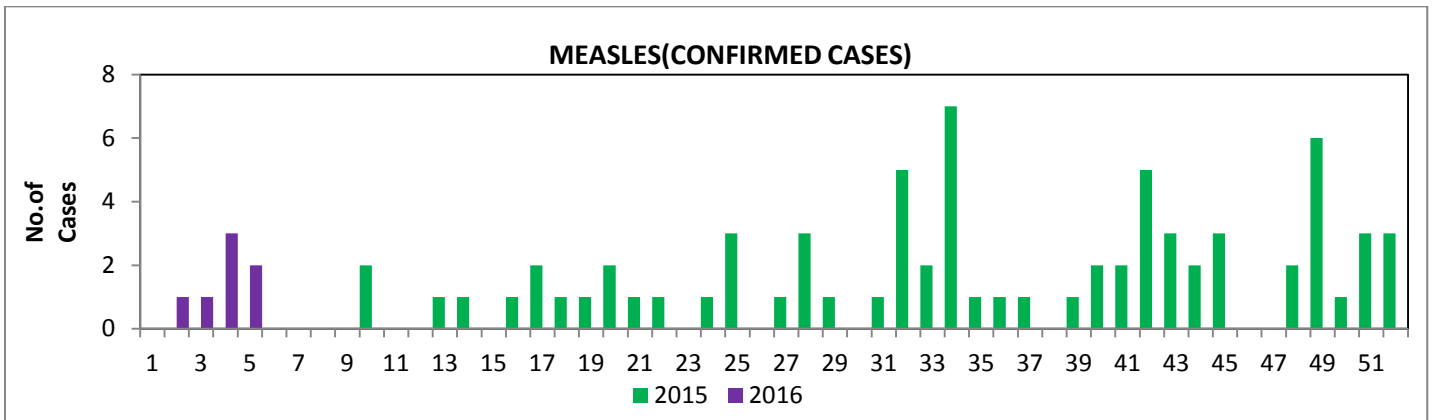
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016



9. WEEKLY CASES OF AIR/DROPLET BORNE DISEASES, 2015—2016



10. WEEKLY CASES OF VACCINE PREVENTABLE DISEASES, 2015—2016



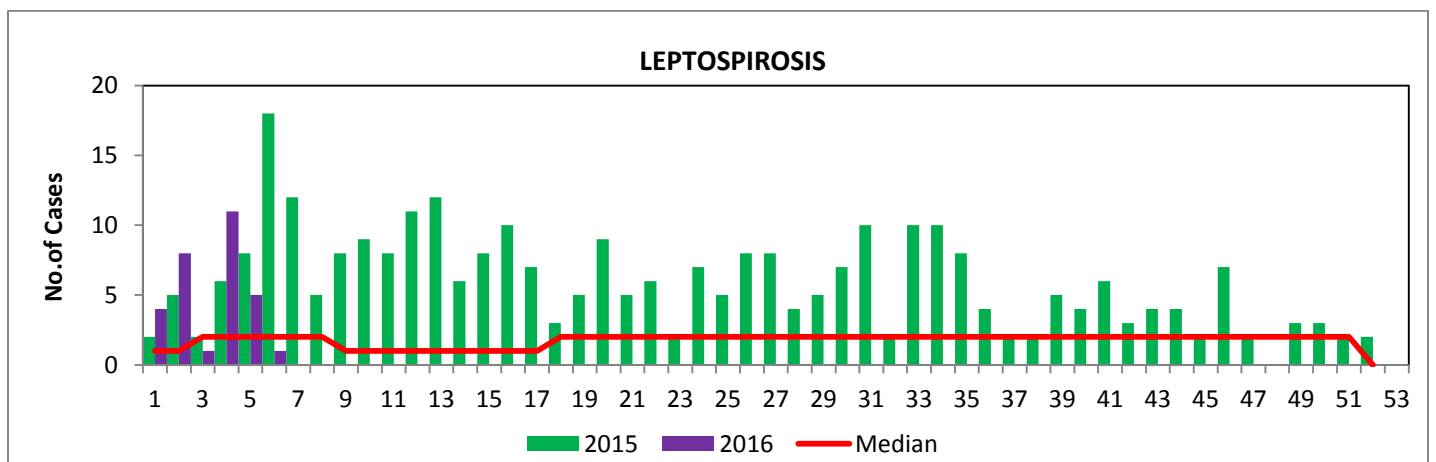
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	6
Epidemiologically confirmed	10
Lab confirmed	14
Discarded	12
Pending	7

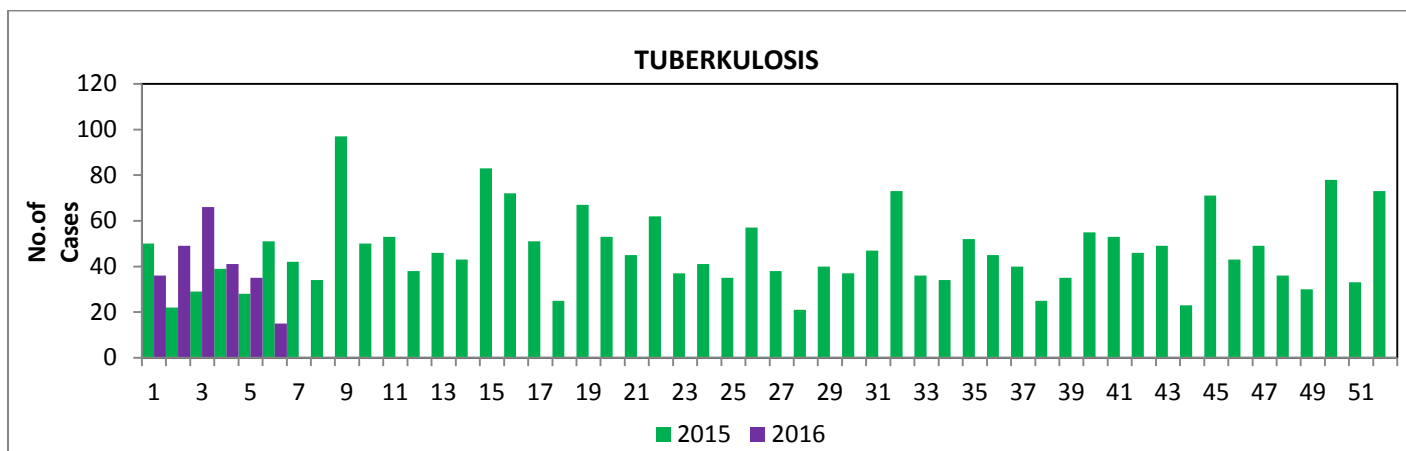
Total notifications	49
Incidence rate	13.6 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	61%	100%
Cases investigated within 48 hours	90%	>80%
Simple taken for confirmation	78%	>80%
Cases classified	98%	100%
Confirmed case with source of infection identified	39%	>80%
Death	0	0

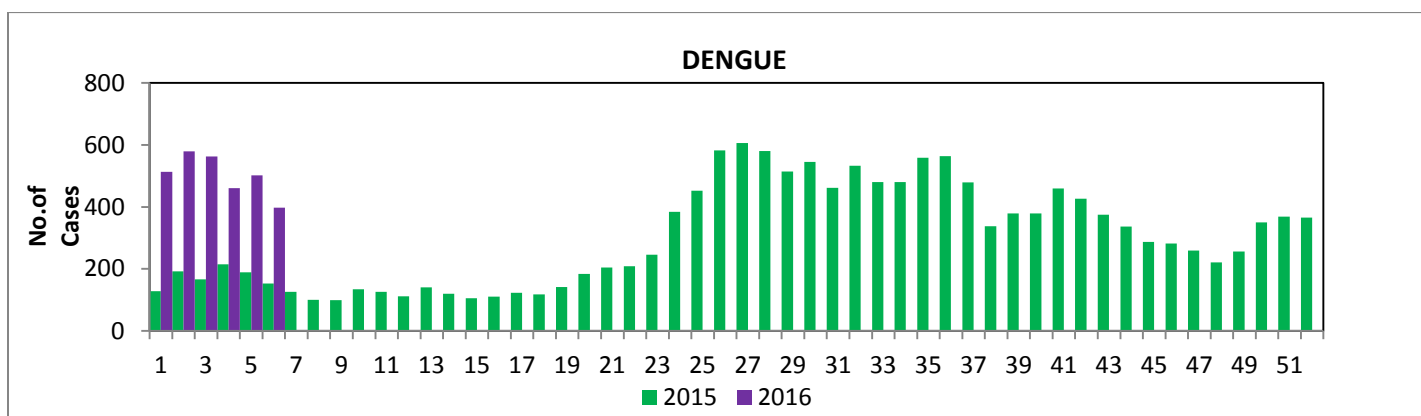
11. LEPTOSPIROSIS



12. TUBERCULOSIS



13. DENGUE



14. LABORATORY BASED SURVEILLANCE

14.1 Enteric Pathogen Identified During Food Poisoning / AGE Event 2016 – 2015, Johor State

Analysis	No. of sample received		No. of positive sample	
	EW 6 2016	Cumulative 2015	EW 6 2016	Cumulative 2015
1 <i>Salmonella typhi</i> / <i>Salmonella spp.</i>	0	8	150	121
2 <i>Yersinia enterocolitica</i>	0	8	105	89
3 <i>Vibrio cholerae</i> / <i>Vibro para</i>	0	8	105	89
4 <i>Plesiomonas shigelloides/spp</i>	0	8	105	89
5 <i>Enteropathogenic E.coli</i> (<i>EPEC</i> , <i>EHEC</i>)	0	8	105	89
6 <i>Aeromonas hydrophilia/spp</i>	0	8	105	89
7 <i>Shigella spp.</i>	0	8	105	89
8 <i>Bacillus cereus</i> (positive enterotoxin)	0	8	105	89
9 <i>Staphylococcus aureus</i> (positive enterotoxin)	0	8	105	89
10 <i>Campylobacter jejuni/coli/spp</i>	0	8	105	89

