

# EPIDEMIOLOGICAL BULLETIN

EPID WEEK 1

DATE 3-9 Jan 2016

## OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW1

No	District	Locality	Disease /event	Number of cases
1	Kota Tinggi	Asrama Pusat, Kota Tinggi	Food Poisoning	11

Dengue cases reported across the country during the first week of 2016 still showed an increase in cases and ongoing since early November 2015. A total of 3,337 cases of dengue fever have been reported nationwide, compared with 2,511 cases reported last week, the final week of 2015 with an increase 33% (826 cases), including 4 death

### Advisor

Dr Hajah Fatimah bt. Othman

### Editorial Board

Dr Abu Hassan Sha'ari Abdul Kadir  
Dr Linayanti Rosli  
Dr. Haidar Rizal Toha

### Editorial Staff

En. Zainal Abidin 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@gmail.com](mailto:influenzajknj09@gmail.com)

## Weekly highlights

1. Dengue in Johor:  
513 cases reported this week compared to 128 cases last year (300% increases)
2. Brazil 2 January 2016: 3,174 suspected cases of microcephaly, including 38 deaths, had been identified at the national level. Investigations are ongoing to characterize the relation between Zika virus infection during pregnancy and the observed increase of microcephaly

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

DISEASE		EW1 2016	EW1 2015	MEDIAN	CUMULATIVE 2016	CUMULATIVE 2015
<b>NOTIFIABLE DISEASES</b>						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	513	128	50	513	128
	DENGUE HAEMORRHAGIC FEVER	0	0	1	0	0
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	0	0
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	1	0	0	1	0
	FOOD POISONING (case)	11	0	0	11	0
8.	GONOCOCCAL INFECTION (all forms)	2	7	4	2	7
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	18	66	14	18	66
10.	HIV INFECTION (all forms)	16	21	12	16	21
	HIV DEATH	0	0	NA	0	0
11.	LEPROSY	0	0	0	0	0
12.	LEPTOSPIROSIS	4	2	2	4	2
13.	MALARIA	0	0	1	0	0
14.	MEASLES	0	0	0	0	0
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)	2	0	1	2	0
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	36	0	39	36	0
	TUBERCULOSIS DEATH	0	0	NA	0	0
22.	TYPHOID & PARATYPHOID FEVER	0	0	0	0	0
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	0
25.	VIRAL HEPATITIS					
	a) Hepatitis A	1	0	0	1	0
	b) Hepatitis B	6	0	2	6	0
	c) Hepatitis C	0	0	1	0	0
	d) Other Hepatitis	0	0	0	0	0
26.	PERTUSSIS	0	0	0	0	0
27.	YELLOW FEVER	0	0	0	0	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>						
1	ACUTE FLACCID PARALYSIS (AFP)	0	NA	NA	0	NA
2	ACUTE GASTROENTERITIS (AGE)	177	466	624	177	466
3	FILARIASIS	0	0	NA	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	113	171	120	113	171
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	4	NA	0	0	NA
6	MELIOIDOSIS	0	0	NA	0	0
7	BRUCCELLOSIS	0	0	NA	0	0

## 2. COMMUNICABLE DISEASES 2012 – 2016, JOHORE STATE

DISEASE		2012	2013	2014	CUMULATIVE	
					2015	2016
<b>NOTIFIABLE DISEASES</b>						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	37	42	60	128	513
	DENGUE HAEMORRHAGIC FEVER	0	3	0	0	0
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	0	0
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	0	0	0	0	1
	FOOD POISONING (case)	0	0	0	0	11
8.	GONOCOCCAL INFECTION (all forms)	4	0	1	7	2
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	20	1	25	66	18
10.	HIV INFECTION (all forms)	8	2	2	21	16
	HIV DEATH	1	0	0	0	0
11.	LEPROSY	0	0	0	0	0
12.	LEPTOSPIROSIS	0	0	1	2	4
13.	MALARIA	0	2	0	0	0
14.	MEASLES	2	1	0	0	0
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)	1	1	1	0	2
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	33	23	30	0	36
	TUBERCULOSIS DEATH	0	1	0	0	0
22.	TYPHOID & PARATYPHOID FEVER	0	1	1	0	0
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	0
25.	VIRAL HEPATITIS					
	a) Hepatitis A	0	0	0	0	1
	b) Hepatitis B	2	4	1	0	6
	c) Hepatitis C	0	0	0	0	0
	d) Other Hepatitis	0	0	0	0	0
26.	PERTUSSIS	2	0	0	0	0
27.	YELLOW FEVER	0	0	0	0	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>						
1	ACUTE FLACCID PARALYSIS (AFP)	NA	NA	NA	NA	0
2	ACUTE GASTROENTERITIS (AGE)	735	638	557	466	177
3	FILARIASIS	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	126	127	83	171	113
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	NA	NA	NA	NA	4
6	MELIOIDOSIS	0	0	0	0	0
7	BRUCELLOSIS	0	0	0	0	0

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

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
<b>NOTIFIABLE DISEASES</b>												
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	411	22	3	4	16	11	9	7	25	5	513
	DENGUE HAEMORRHAGIC FEVER	0	0	0	0	0	0	0	0	0	0	0
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)	0	0	0	0	0	0	0	0	0	0	0
	FOOD POISONING (case)	0	0	0	0	0	0	0	0	11	0	11
8.	GONOCOCCAL INFECTION (all forms)	1	0	0	0	1	0	0	0	0	0	2
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	12	1	0	0	2	2	0	1	0	0	18
10.	HIV INFECTION (all forms)	12	0	0	0	0	1	1	1	1	0	16
	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	3	0	0	0	0	0	4
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)	2	0	0	0	0	0	0	0	0	0	2
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	15	1	0	0	9	1	1	2	3	4	36
	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	0	0	0
25.	VIRAL HEPATITIS											
	a) Hepatitis A	1	0	0	0	0	0	0	0	0	0	1
	b) Hepatitis B	4	0	0	0	1	0	0	0	1	0	6
	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
<b>OTHER DISEASES UNDER SURVEILLANCE</b>												
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	0	0	0	0	0	0	0	0
2	ACUTE GASTROENTERITIS (AGE)	0	0	15	0	0	63	69	30	0	0	177
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	95	0	0	0	0	0	0	18	0	0	113
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	4	0	0	0	0	0	0	0	0	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
<b>NOTIFIABLE DISEASES</b>												
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	411	22	3	4	16	11	9	7	25	5	513
	DENGUE HAEMORRHAGIC FEVER	0	0	0	0	0	0	0	0	0	0	0
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)	0	0	0	0	0	0	0	0	0	0	0
	FOOD POISONING (case)	0	0	0	0	0	0	0	0	11	0	11
8.	GONOCOCCAL INFECTION (all forms)	1	0	0	0	1	0	0	0	0	0	2
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	12	1	0	0	2	2	0	1	0	0	18
10.	HIV INFECTION (all forms)	12	0	0	0	0	1	1	1	1	0	16
	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	3	0	0	0	0	0	4
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)	2	0	0	0	0	0	0	0	0	0	2
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	15	1	0	0	9	1	1	2	3	4	36
	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	0	0	0
25.	VIRAL HEPATITIS											
	a) Hepatitis A	1	0	0	0	0	0	0	0	0	0	1
	b) Hepatitis B	4	0	0	0	1	0	0	0	1	0	6
	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
<b>OTHER DISEASES UNDER SURVEILLANCE</b>												
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	0	0	0	0	0	0	0	0
2	ACUTE GASTROENTERITIS (AGE)	0	0	15	0	0	63	69	30	0	0	177
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	95	0	0	0	0	0	0	18	0	0	113
5	SEVERE ACUTE RESPIRATORY INFECTION (SARI)	4	0	0	0	0	0	0	0	0	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

## 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	0	0	0	0	0	0	0	0	1	0	1
5	HAND, FOOT & MOUTH DISEASE (HFMD)	0	0	0	0	0	0	0	0	0	0	0
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	0	0	0	0	0	0	0	0	0	0	0
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
11	RUBELLA	0	0	0	0	0	0	0	0	0	0	0
12	UPPER RESPIRATORY TRACT INFECTION (URTI)/	0	0	0	0	0	0	0	0	0	0	0

## 6. INFLUENZA SURVEILLANCE 2015- 2016, JOHORE STATE

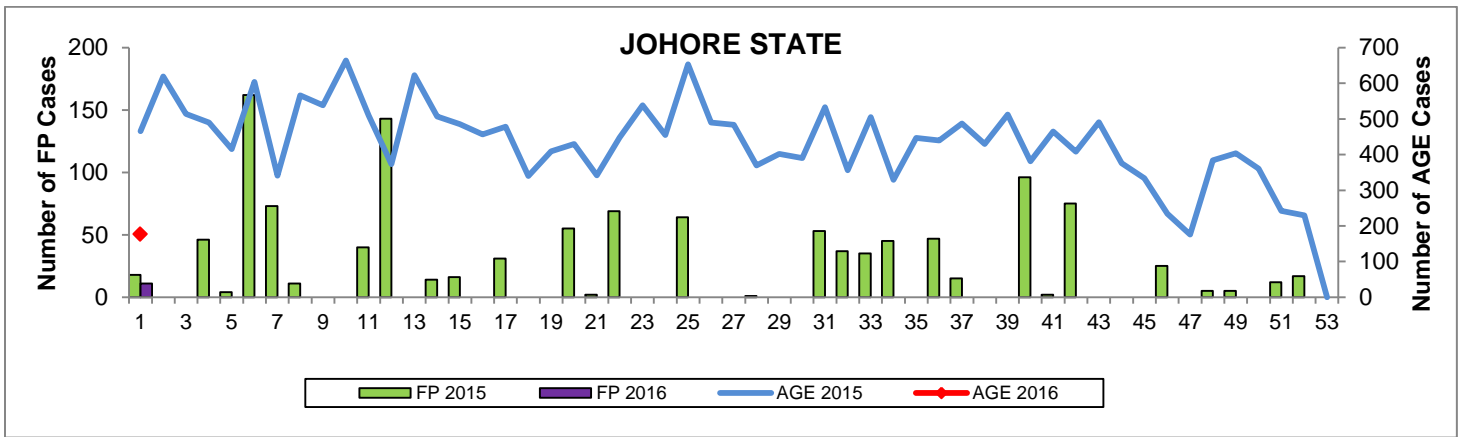
### 6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 1					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	5	25	55	10	95	5	25	55	10	95
Total Outpatient Attendances	34	70	413	150	667	34	70	413	150	667

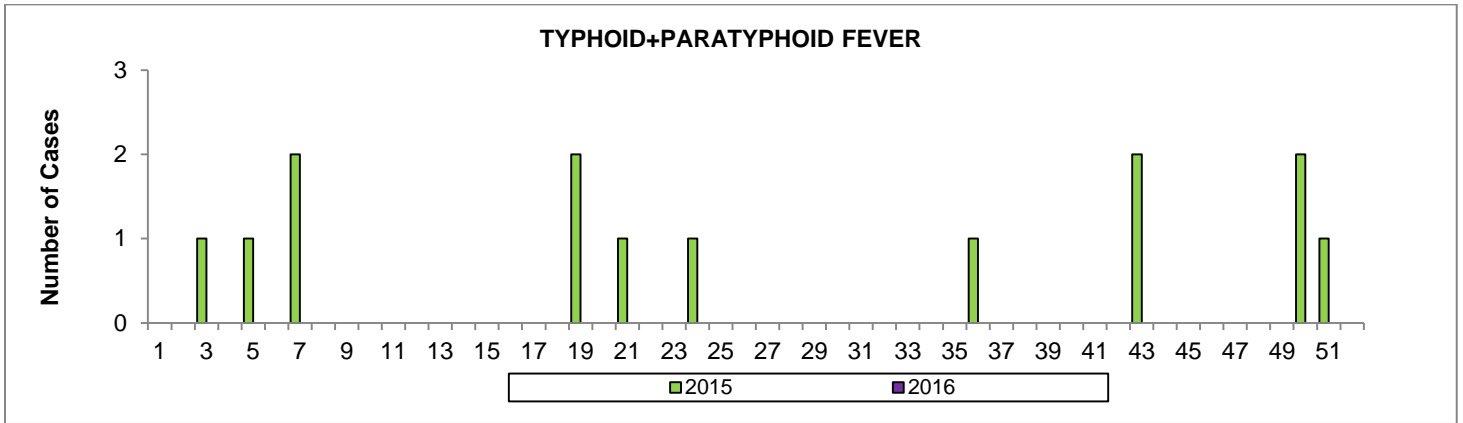
### 6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW1			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)	0	4	4	0	4	4

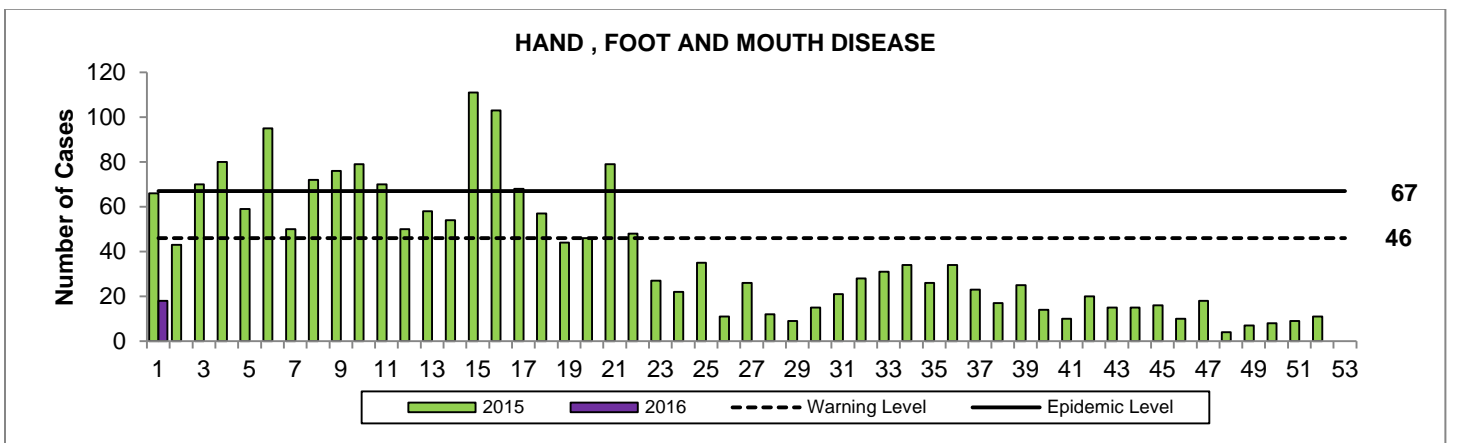
**7. WEEKLY CASES OF FOOD POISONING, 2015—2016**



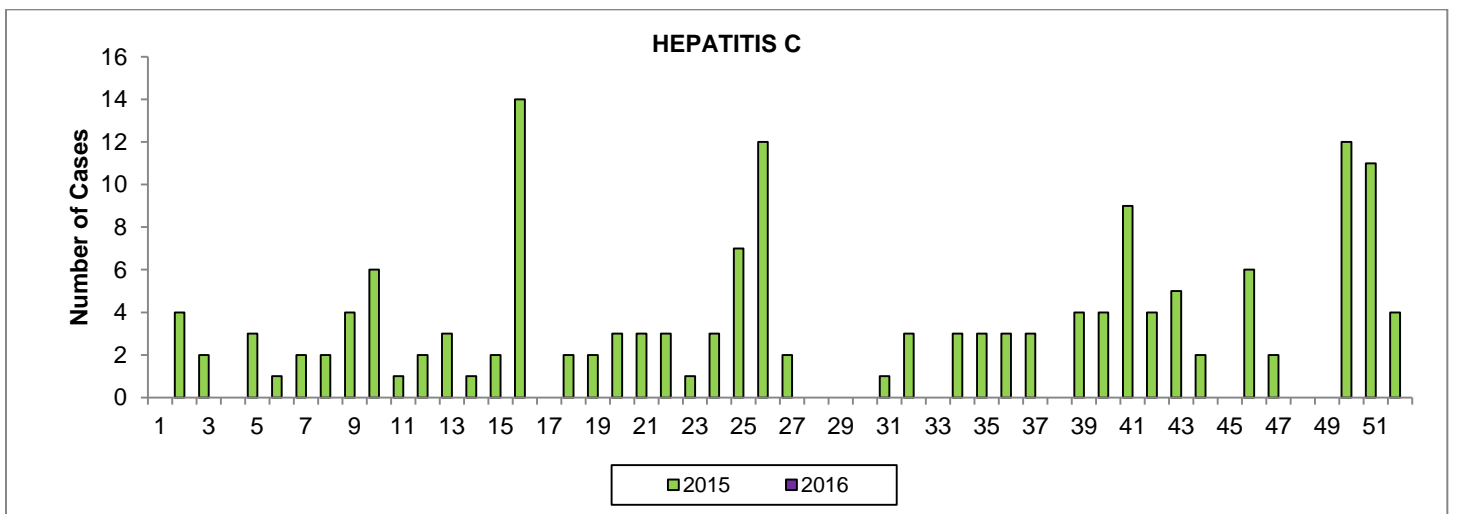
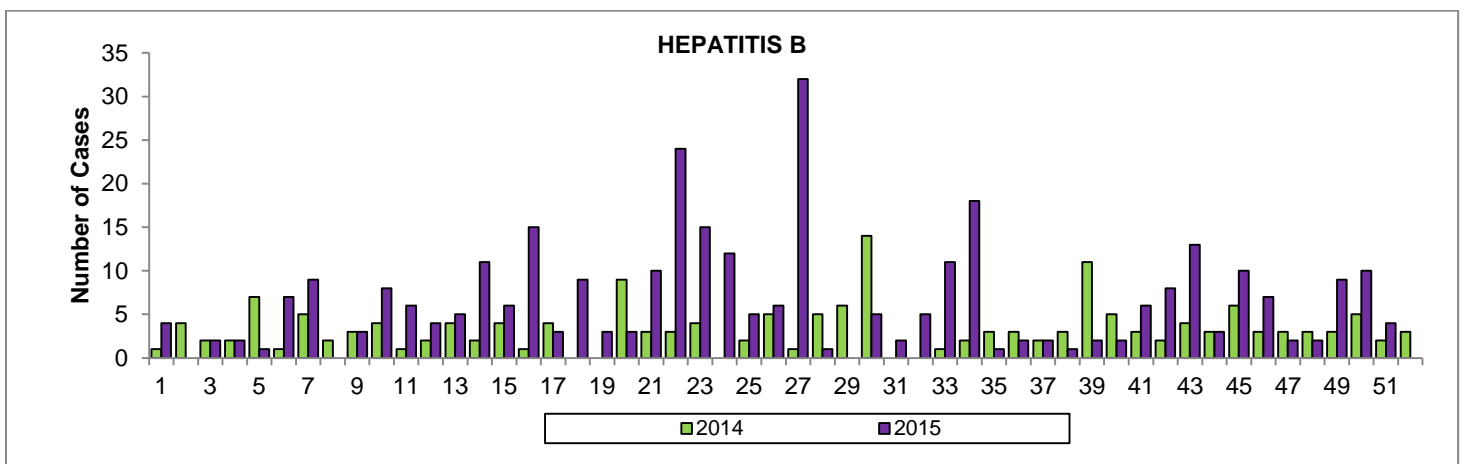
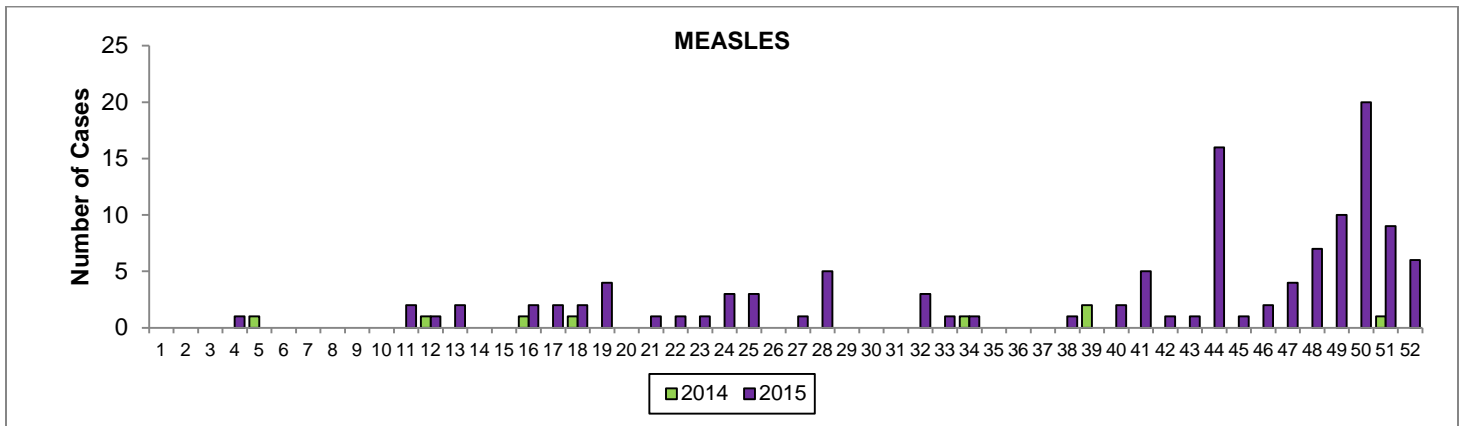
**8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016**



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



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

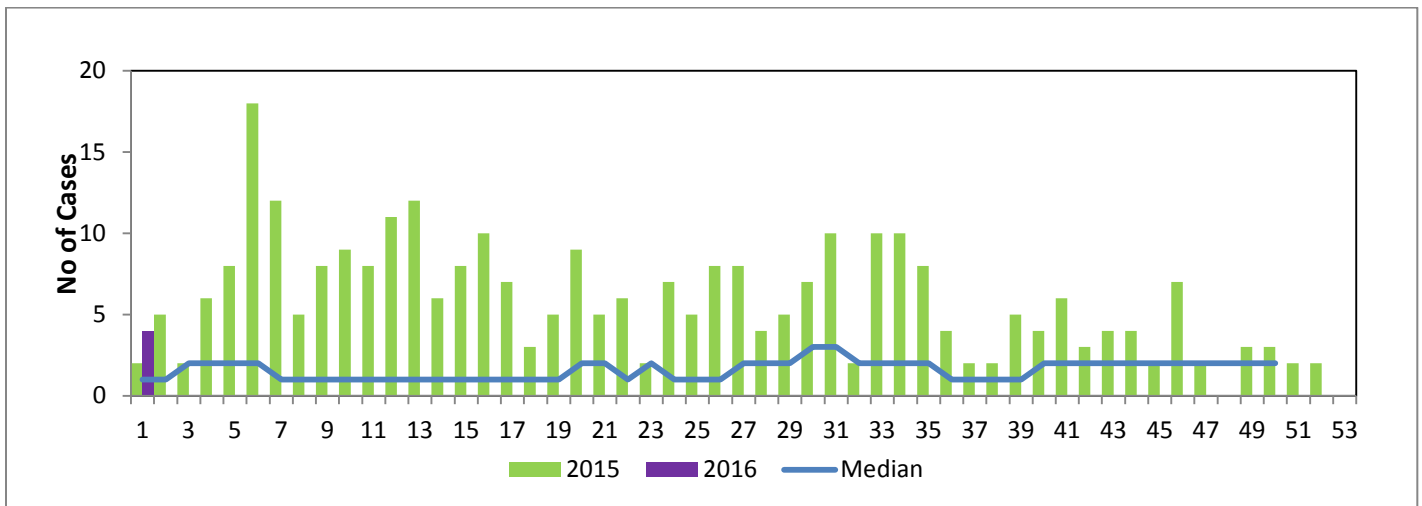




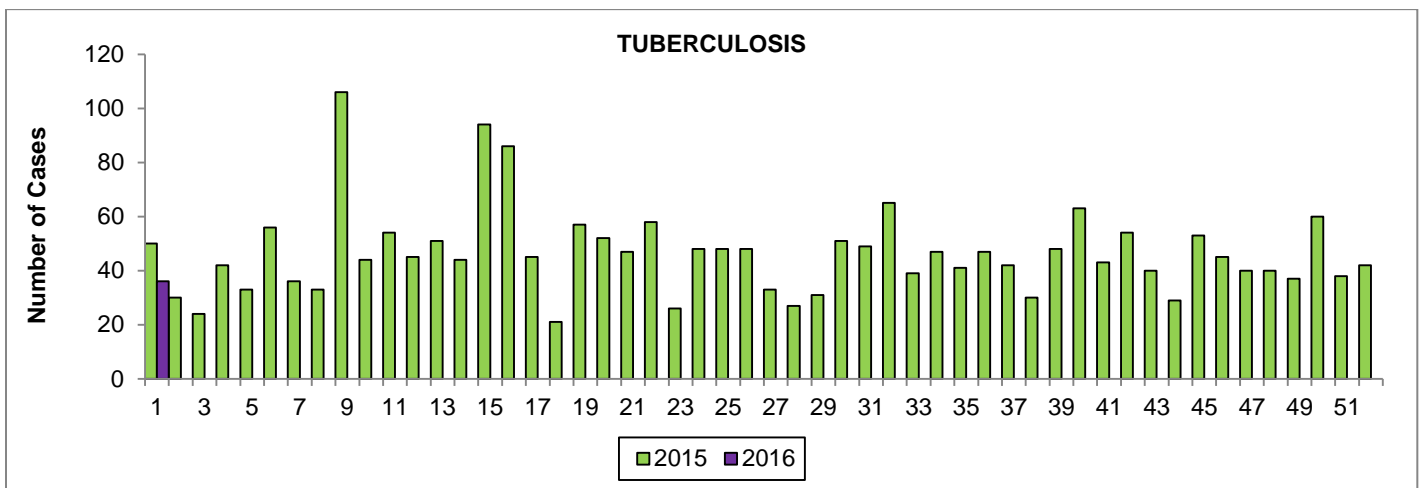
## 10.2 Indicator based schedule

NA for this week

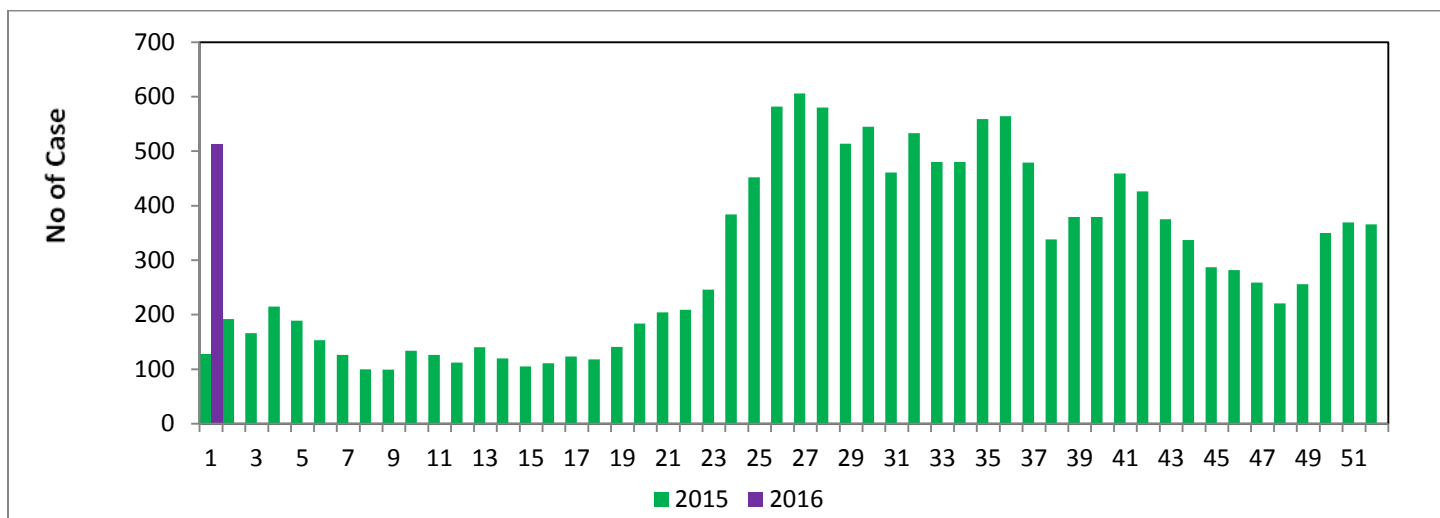
## 11. LEPTOSPIROSIS



## 12. TUBERCULOSIS



### 13. DENGUE



### 14. LABORATORY BASED SURVEILLANCE

#### 14.1 Enteric Pathogen Identified During Food Poisoning / AGE Event 2015 – 2014, Johor State

Analysis	No. of sample received		No. of positive sample	
	EW52 2015	Cumulative 2015	EW52 2014	Cumulative 2014
1 <i>Salmonella typhi</i>	0	763	0	0
2 <i>Salmonella spp. (other than S. typhi)</i>	0	649	1	22
3 <i>Vibrio cholerae</i>	0	638	0	0
4 <i>Vibrio spp. (other than V. cholerae)</i>	0	570	0	7
5 <i>Enteropathogenic E.coli (EPEC)</i>	0	570	0	8
6 <i>Enterohaemorrhagic E.coli (EHEC)</i>				
7 <i>Shigella spp.</i>	0	570	0	0
8 <i>Bacillus cereus (positive enterotoxin)</i>	0	570	0	13
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	0	570	0	18
10 <i>Campylobacter</i>	0	570	0	0