

## EPIDEMIOLOGICAL BULLETIN

EPID WEEK 02

DATE : 10.01.2016 - 16.01.2016

### OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 2

No	District	Locality	Disease /event	Number of cases
1	Muar	Maktab Rendah Sains MARA, Muar	Food Poisoning	50
2	Johor Bahru	Taman Desa Cemerlang, Johor Bahru	HFMD	4
3	Tangkak	Tadika Seri Pelangi, Taman Lagenda, Tangkak	HFMD	5
4	Johor Bahru	Taman Bukit Tiram, Johor Bahru	HFMD	2
5	Segamat	Taman MIDA 2, Segamat	HFMD	2

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### Weekly highlights

Since December 2015 the National Health System of El Salvador detected an unusual increase of Guillain-Barre Syndrome (GBS). In El Salvador, the annual average number of GBS is 169 ; however, from 1<sup>st</sup> December 2015 to 6 January 2016, 46 GBS have been recorded, including two deaths. The investigation is ongoing to determine the cause, to date details about the laboratory diagnosis are ongoing. Among other hypothesis, the possible association with increasing **zika virus** infection is being investigated.

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

DISEASE		EW 2 2016	EW 2 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	579	192	50	1092	320
	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	2	1
	FOOD POISONING (case)	142	0	0	153	18
8.	GONOCOCCAL INFECTION (all forms)	11	9	4	13	13
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	35	57	14	53	116
10.	HIV INFECTION (all forms)	8	20	12	24	22
	HIV DEATH	0	0	NA	1	0
11.	LEPROSY	0	0	0	0	0
12.	LEPTOSPIROSIS	8(1)	1	2	12(1)	3
13.	MALARIA	3	1	1	3	1
14.	MEASLES	1	0	0	1	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)	8	2	1	10	2
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	49	39	39	85	79
	TUBERCULOSIS DEATH	0	0	NA	0	1
22.	TYPHOID & PARATYPHOID FEVER	1	0	0	1	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	1	0
	b) Hepatitis B	4	0	2	10	4
	c) Hepatitis C	1	4	1	1	4
	d) Other Hepatitis	0	0	0	0	0
26.	PERTUSSIS	2	0	0	2	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)	147	619	624	324	1085
3	FILARIASIS	0	0	NA	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	736	114	120	831	285
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	NA	0	4	NA
6	MELIOIDOSIS	0	0	NA	0	0
	BRUCELLOSIS	0	0	NA	0	0

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

DISEASE		2012	2013	2014	2015	2016
<b>NOTIFIABLE DISEASES</b>						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	74	150	270	320	1092
	DENGUE HAEMORRHAGIC FEVER	2	8	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)	1	4	1	1	2
	FOOD POISONING (case)	48	164	66	18	153
8.	GONOCOCCAL INFECTION (all forms)	13	3	1	13	13
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	45	28	44	116	53
10.	HIV INFECTION (all forms)	22	31	13	22	24
	HIV DEATH	2	0	0	0	1
11.	LEPROSY	0	0	0	0	0
12.	LEPTOSPIROSIS	2	2	3	3	12(1)
13.	MALARIA	1	4	0	1	3
14.	MEASLES	2	1	0	0	1
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)	5	3	5	2	10
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	73	95	88	79	85
	TUBERCULOSIS DEATH	0	1	0	1	0
22.	TYPHOID & PARATYPHOID FEVER	0	2	3	0	1
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	0
25.	VIRAL HEPATITIS					
	a) Hepatitis A	0	1	0	0	1
	b) Hepatitis B	3	10	5	4	10
	c) Hepatitis C	0	6	0	4	1
	d) Other Hepatitis	0	0	0	0	0
26.	PERTUSSIS	2	0	1	0	2
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)	1401	2184	1104	1085	324
3	FILARIASIS	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	250	496	223	285	831
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	NA	NA	NA	NA	4
6	MELIOIDOSIS	0	1	0	1	0
7	BRUCCELLOSIS	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	458	25	15	4	23	17	11	5	21	0	579
	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	1	0	0	0	0	0	0	0	1
	FOOD POISONING (case)	0	0	142	0	0	0	0	0	0	0	142
8.	GONOCOCCAL INFECTION (all forms)	6	1	0	0	0	0	0	0	4	0	11
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	16	0	2	8	2	3	2	2	0	0	35
10.	HIV INFECTION (all forms)	5	1	0	0	0	0	0	1	0	1	8
	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	2	4	1(1)	0	0	0	1	0	0	0	8(1)
13.	MALARIA	0	0	0	0	0	0	2	0	1	0	3
14.	MEASLES	1	0	0	0	0	0	0	0	0	0	1
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)	7	1	0	0	0	0	0	0	0	0	8
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	30	3	3	2	1	0	3	1	4	2	49
	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	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	0	0	0
25.	VIRAL HEPATITIS											
	a) Hepatitis A	0	0	0	0	0	0	0	0	0	0	0
	b) Hepatitis B	3	0	0	0	0	0	0	1	0	0	4
	c) Hepatitis C	0	0	0	0	0	0	0	1	0	0	1
	d) Other Hepatitis	0	0	0	0	0	0	0	0	0	0	0
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
<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)	94	0	0	0	0	0	31	22	0	0	147
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	736	0	0	0	0	0	0	0	0	0	736
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	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	869	47	18	8	39	28	20	12	46	5	1092
	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	1	0	0	0	0	0	1	0	2
	FOOD POISONING (case)	0	0	142	0	0	0	0	0	11	0	153
8.	GONOCOCCAL INFECTION (all forms)	7	1	0	0	1	0	0	0	4	0	13
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	28	1	2	8	4	5	2	3	0	0	53
10.	HIV INFECTION (all forms)	17	1	0	0	0	1	1	2	1	1	24
	HIV DEATH	0	0	0	0	0	1	0	0	0	0	1
11.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
12.	LEPTOSPIROSIS	3	4	1(1)	0	3	0	1	0	0	0	12(1)
13.	MALARIA	0	0	0	0	0	0	2	0	1	0	3
14.	MEASLES	1	0	0	0	0	0	0	0	0	0	1
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)	9	1	0	0	0	0	0	0	0	0	10
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	45	4	3	2	10	1	4	3	7	6	85
	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	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	0	0	0
25.	VIRAL HEPATITIS											
	a) Hepatitis A	1	0	0	0	0	0	0	0	0	0	1
	b) Hepatitis B	7	0	0	0	1	0	0	1	1	0	10
	c) Hepatitis C	0	0	0	0	0	0	0	1	0	0	1
	d) Other Hepatitis	0	0	0	0	0	0	0	0	0	0	0
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
<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)	94	0	15	0	0	63	100	52	0	0	324
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	831	0	0	0	0	0	0	0	0	0	831
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	4	0	0	0	0	0	0	0	0	0	4
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	1	0	0	0	0	0	0	0	1
5	HAND, FOOT & MOUTH DISEASE (HFMD)	2	0	0	1	0	0	1	0	0	0	4
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

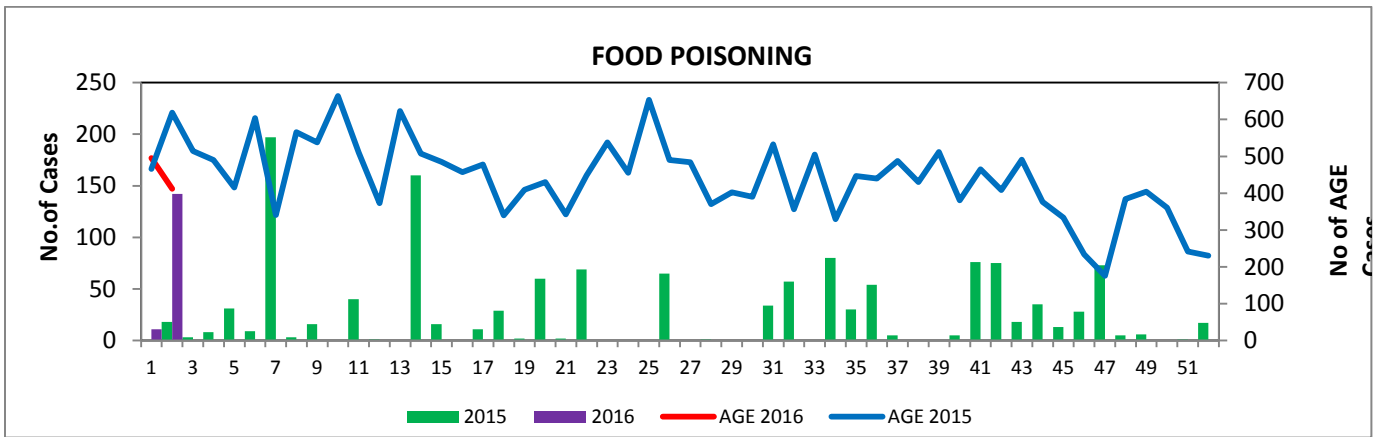
### 6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 2					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	104	180	335	117	736	109	205	390	127	831
Total Outpatient Attendances	643	1487	2748	930	5808	677	1557	3161	1080	6475

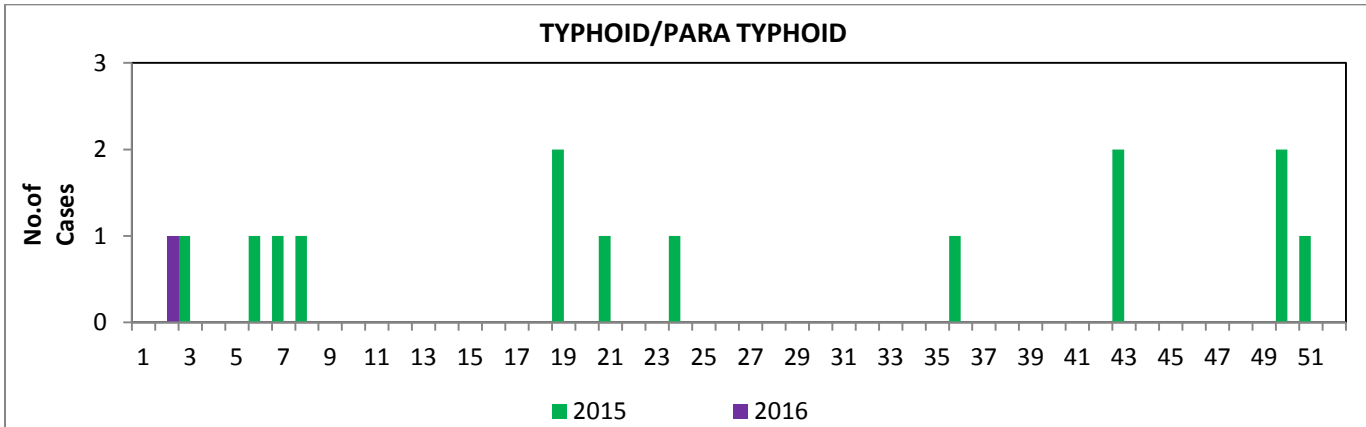
### 6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 2			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	0	0	0	4	4

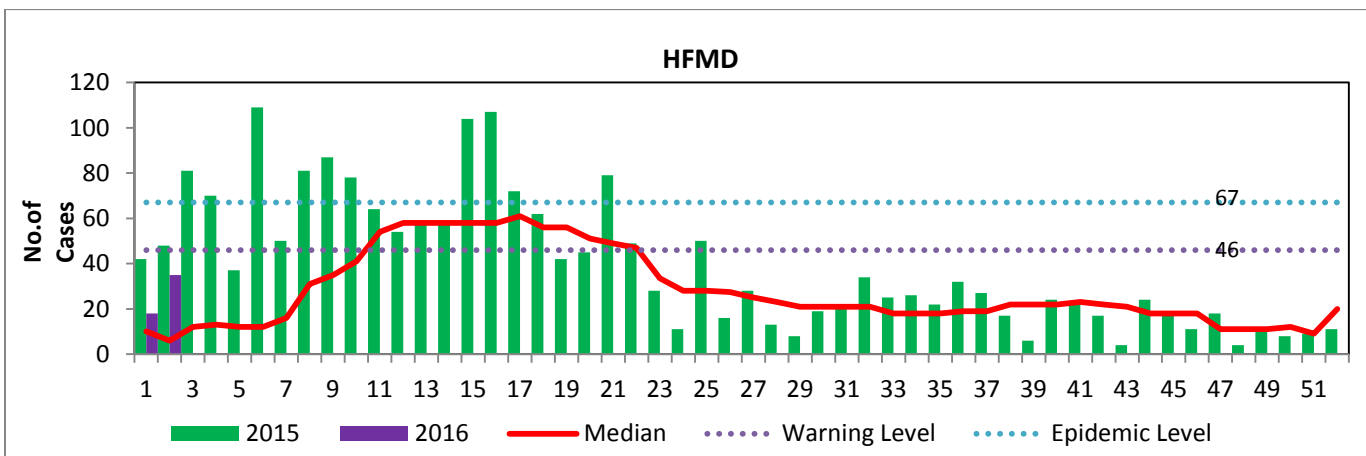
**7. WEEKLY CASES OF FOOD POISONING, 2015—2016**



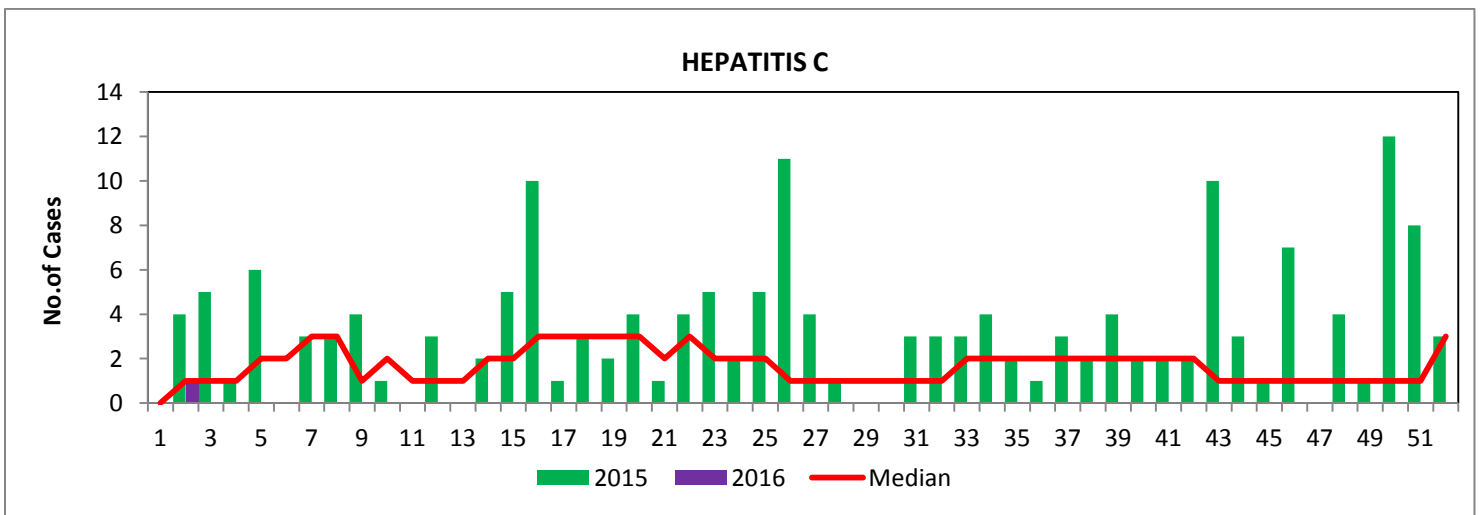
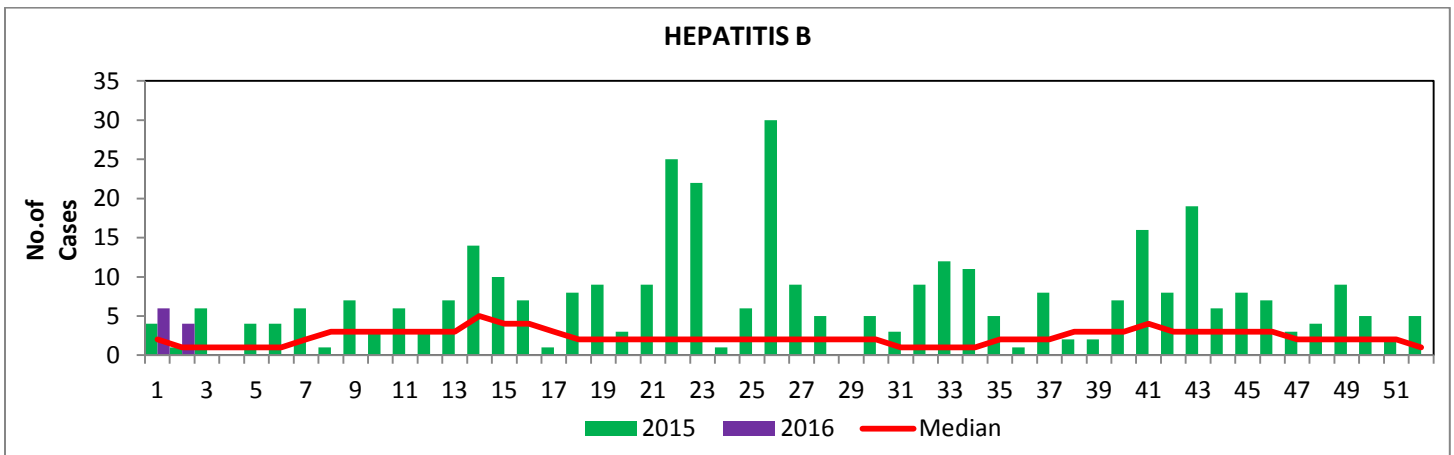
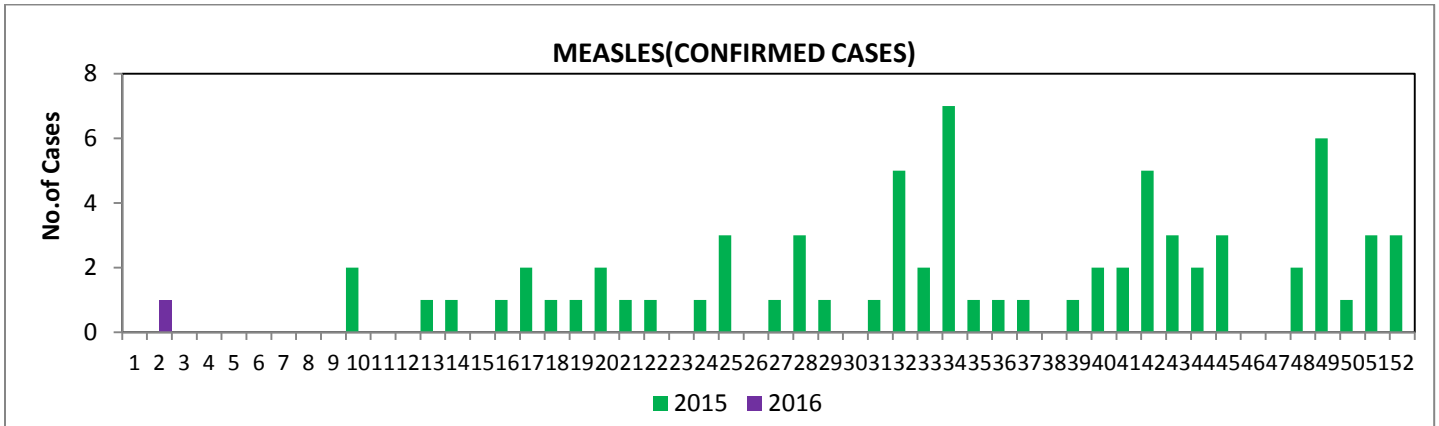
**8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016**



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

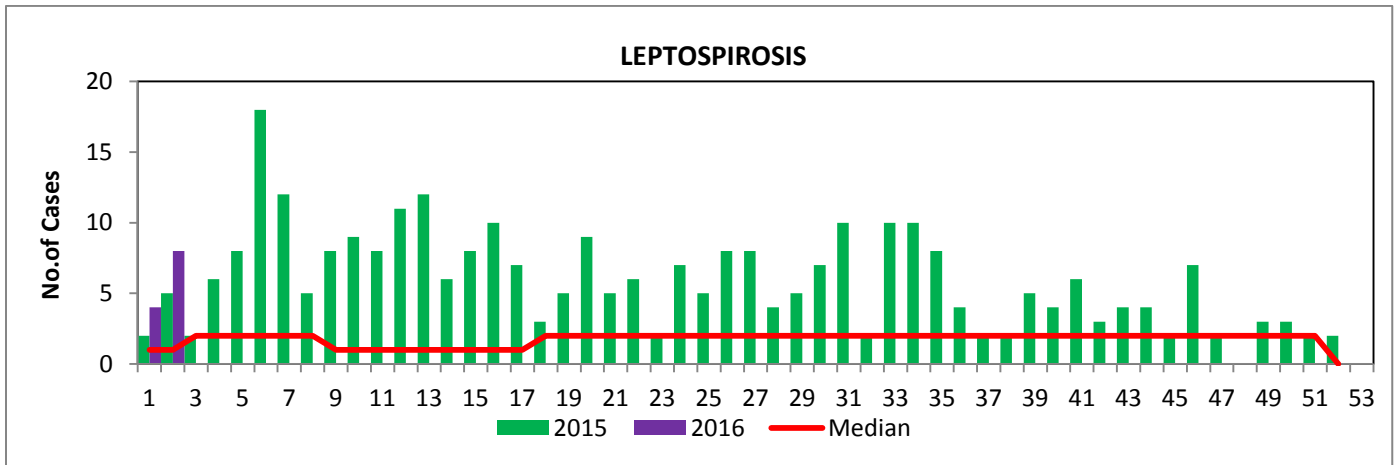


**10. WEEKLY CASES OF VACCINE PREVENTABLE DISEASES, 2015—2016**





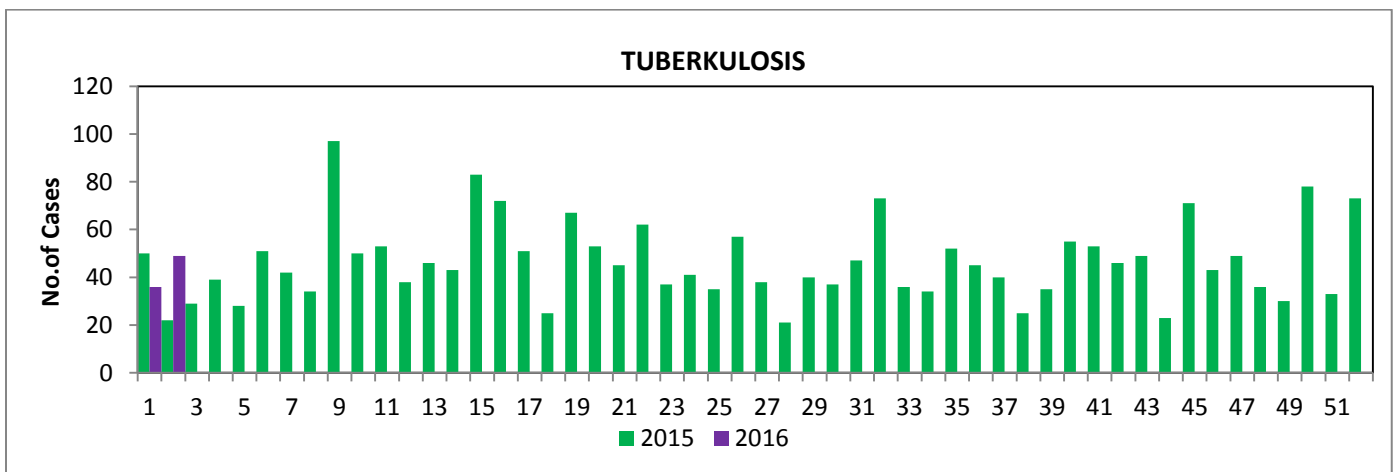
## 11. LEPTOSPIROSIS



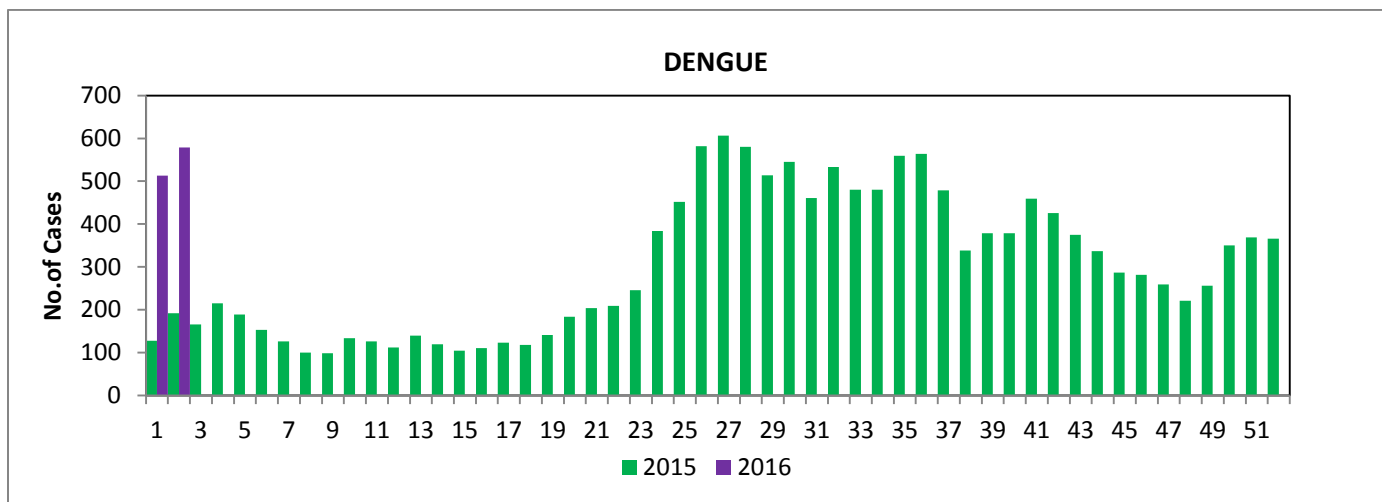
## 12. TUBERCULOSIS

KPI KPK - Case Detection Rate TIBI sehingga ME 2/2016

DAERAH	SASARAN BIL KES BARU DAN RELAPSE (A)	PENCAPAIAN		KES BARU & BERULANG (B)	CDR (B/A x 100)
		KES BARU	KES BERULANG		
JB	1187	36	5	41	3.5%
MUAR	207	6		6	2.9%
BP	353	10		10	2.8%
KLK	236	1		1	0.4%
KT	149	6	1	7	4.7%
SGT	151	3	1	4	2.6%
PTN	123	3		3	2.4%
KULAI	216	7		7	3.2%
MSG	55	6		6	10.9%
TANGKAK	111	2		2	1.8%
JOHOR	2789	56	7	63	2.3%



### 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	
	EW 2 2016	Cumulative 2015	EW 2 2016	Cumulative 2015
1 <i>Salmonella typhi</i> / <i>Salmonella spp.</i>	33	8	42	16
2 <i>Yersinia enterocolitica</i>	22	8	31	16
3 <i>Vibrio cholerae</i> / <i>Vibro para</i>	22	8	31	16
4 <i>Plesiomonas shigelloides</i> / <i>spp</i>	22	8	31	16
5 <i>Enteropathogenic E.coli</i> ( <i>EPEC</i> , <i>EHEC</i> )	22	8	31	16
6 <i>Aeromonas hydrophilia</i> / <i>spp</i>	22	8	31	16
7 <i>Shigella spp.</i>	22	8	31	16
8 <i>Bacillus cereus</i> (positive enterotoxin)	22	8	31	16
9 <i>Staphylococcus aureus</i> (positive enterotoxin)	22	8	31	16
10 <i>Campylobacter jejuni</i> / <i>coli</i> / <i>spp</i>	22	8	31	16