

EPIDEMIOLOGICAL BULLETIN

EPID WEEK 03

DATE : 17.01.2016 - 23.01.2016

OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 3

No	District	Locality	Disease /event	Number of cases
1	JOHOR BAHRU	Madrasah Alattas Alarabiah Johor,Ulu Tiram Johor	Food Poisoning	26
2	LEDANG	Tabika Kemas Kampung Bekoh, 84900, Tangkak Johor.	HFMD	4
3	MUAR	SK Parit Latif, Semerah, Muar	Food Poisoning	17
4	SEGAMAT	SJKC Tah Kang, Gemas Baru, Segamat	ILI	35

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Source : [enotifikasi/dengue/ewabak/emeasles/buletinMKA](#)

Weekly highlights

- Countries reporting Zika virus infection:

Brazil, Barbados, Colombia, Ecuador, El Salvador, French Guiana, Guatemala, Guyana, Haiti, Honduras, Martinique, Mexico, Panama, Puerto Rico, Paraguay, Suriname and Venezuela.

- 22nd January 2016: Brazil reports that 1708 cases of Guillain-Barré syndrome have been registered by hospitals between January and November 2015. Most states reporting cases are experiencing simultaneous outbreaks of Zika, chikungunya, and dengue. The potential cause of the upsurge in this syndrome cannot be established.

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

DISEASE		EW 3 2016	EW 3 2015	MEDIAN	CUMULATIVE 2016	CUMULATIVE 2015
NOTIFIABLE DISEASES						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	561(1)	165	53	1653(1)	485
	DENGUE HAEMORRHAGIC FEVER	2	1	1	2	1
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	0	1
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	1	1	0	2	2
	FOOD POISONING (case)	17	3	3	170	21
8.	GONOCOCCAL INFECTION (all forms)	3	8	1	16	14
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	16	81	8	69	171
10.	HIV INFECTION (all forms)	19	11	5	43	34
	HIV DEATH	0	0	0		0
11.	LEPROSY	0	0	0	0	0
12.	LEPTOSPIROSIS	1	1	1	13(1)	8
13.	MALARIA	0	0	0	3	1
14.	MEASLES	1	0	0	2	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	3	1	11	5
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	66	29	32	151	101
	TUBERCULOSIS DEATH	1	0	0		0
22.	TYPHOID & PARATYPHOID FEVER	0	1	0	1	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	0	0	1	1
	b) Hepatitis B	4	2	0	14	7
	c) Hepatitis C	2	4	1	3	6
	d) Other Hepatitis	0	0	0	0	0
26.	PERTUSSIS	0	0	0	2	0
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	1	0	0	1	0
2	ACUTE GASTROENTERITIS (AGE)	108	74	624	432	204
3	FILARIASIS	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	1087	121	127	1936	406
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	0	4	1
6	MELIOIDOSIS	2	0	0	2	0
7	BRUCELLOSIS	1	0	0	1	0

2. COMMUNICABLE DISEASES 2012 – 2016, JOHORE STATE

DISEASE		2012	2013	2014	2015	2016
NOTIFIABLE DISEASES						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	105	150	417	485	1653(1)
	DENGUE HAEMORRHAGIC FEVER	3	8	0	1	2
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	4	1	2	2
	FOOD POISONING (case)	0	265	3	21	170
8.	GONOCOCCAL INFECTION (all forms)	0	6	2	14	16
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	0	49	25	171	69
10.	HIV INFECTION (all forms)	0	47	36	34	43
	HIV DEATH	0	0	0	0	
11.	LEPROSY	0	0	1	0	0
12.	LEPTOSPIROSIS	0	4	2	8	13(1)
13.	MALARIA	2	4	0	1	3
14.	MEASLES	0	0	0	0	2
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	9	6	5	11
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	0	114	118	101	151
	TUBERCULOSIS DEATH	0	0	0	0	
22.	TYPHOID & PARATYPHOID FEVER	0	4	2	1	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	1	1
	b) Hepatitis B	0	7	1	7	14
	c) Hepatitis C	0	7	1	6	3
	d) Other Hepatitis	0	0	0	0	0
26.	PERTUSSIS	0	0	1	0	2
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	0	0
2	ACUTE GASTROENTERITIS (AGE)	2160	2184	1605	204	432
3	FILARIASIS	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	397	496	380	406	1936
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	30	1	4
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	437(1)	29	5	4	20	19	19	10	16	2	561(1)
	DENGUE HAEMORRHAGIC FEVER	2	0	0	0	0	0	0	0	0	0	2
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	17	0	0	0	0	0	0	0	17
8.	GONOCOCCAL INFECTION (all forms)	0	2	0	0	0	0	0	0	1	0	3
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	9	0	0	4	0	0	1	2	0	0	16
10.	HIV INFECTION (all forms)	15	0	2	0	1	0	0	0	1	0	19
	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	0	0	0	0	0	0	0	0	1	0	1
13.	MALARIA	0	0	0	0	0	0	0	0	0	0	0
14.	MEASLES	0	0	0	0	1	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)	0	0	0	0	0	1	0	0	0	0	1
20.	TETANUS (Neonatorum / Adult)											0
21.	TUBERCULOSIS (all forms)	45	1	5	1	5	5	1	0	2	1	66
	TUBERCULOSIS DEATH	1	0	0	0	0	0	0	0	0	0	1
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	0	0	0	0	0	0	0	0	0	0	0
	b) Hepatitis B	2	0	0	0	0	0	0	1	1	0	4
	c) Hepatitis C	1	0	0	1	0	0	0	0	0	0	2
	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)	1	0	0	0	0	0	0	0	0	0	1
2	ACUTE GASTROENTERITIS (AGE)	14	0	0	0	0	0	56	38	0	0	108
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	1087	0	0	0	0	0	0	0	0	0	1087
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0										0
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

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	1306(1)	76	23	12	59	47	39	22	62	7	1653(1)
	DENGUE HAEMORRHAGIC FEVER	2	0	0	0	0	0	0	0	0	0	2
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	2	0	0	0	0	0	1	0	3
	FOOD POISONING (case)	0	0	159	0	0	0	0	0	11	0	170
8.	GONOCOCCAL INFECTION (all forms)	7	3	0	0	1	0	0	0	5	0	16
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	37	1	2	12	4	5	3	5	0	0	69
10.	HIV INFECTION (all forms)	32	1	2	0	1	1	1	2	2	1	43
	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	3	4	1(1)	0	3	0	1	0	1	0	13(1)
13.	MALARIA	0	0	0	0	0	0	2	0	1	0	3
14.	MEASLES	1	0	0	0	1	0	0	0	0	0	2
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	1	0	0	0	0	11
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	90	5	8	3	15	6	5	3	9	7	151
	TUBERCULOSIS DEATH	1	0	0	0	0	0	0	0	0	0	1
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	9	0	0	0	1	0	0	2	2	0	14
	c) Hepatitis C	1	0	0	1	0	0	0	1	0	0	3
	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
OTHER DISEASES UNDER SURVEILLANCE												
1	ACUTE FLACCID PARALYSIS (AFP)	1	0	0	0	0	0	0	0	0	0	1
2	ACUTE GASTROENTERITIS (AGE)	108	0	15	0	0	63	156	90	0	0	432
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	2485	0	0	0	0	0	0	0	0	0	2485
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	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	1	0	1	0	0	0	0	0	0	0	1
5	HAND, FOOT & MOUTH DISEASE (HFMD)	0	0	0	1	0	0	0	0	0	0	1
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	0	0	0	0	0	0	1	0	0	0	1
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

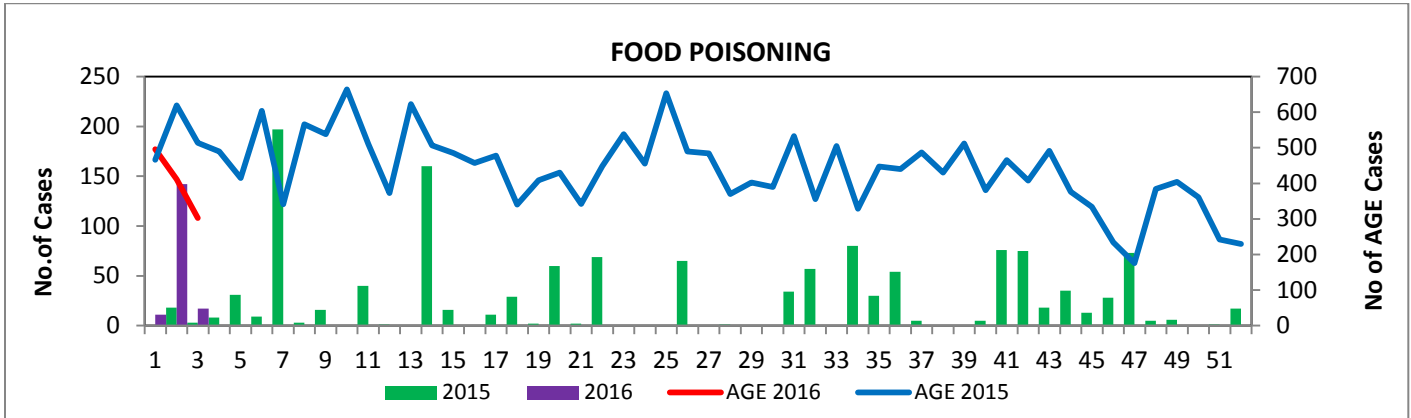
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 3					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	121	395	491	80	1087	267	698	1174	346	2485
Total Outpatient Attendances	780	1528	2264	1264	5836	1636	3513	7295	3078	15522

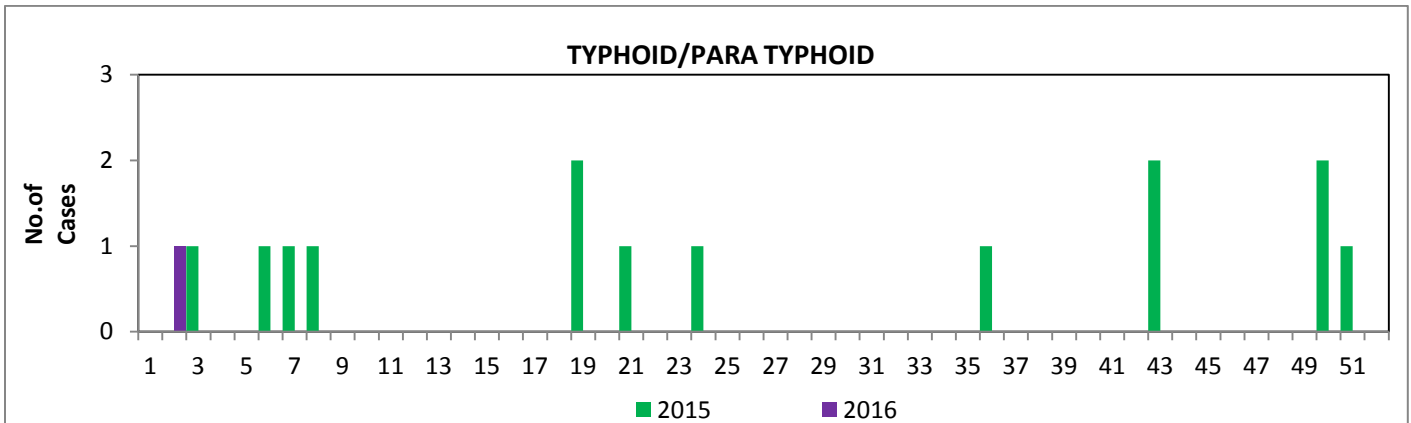
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

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

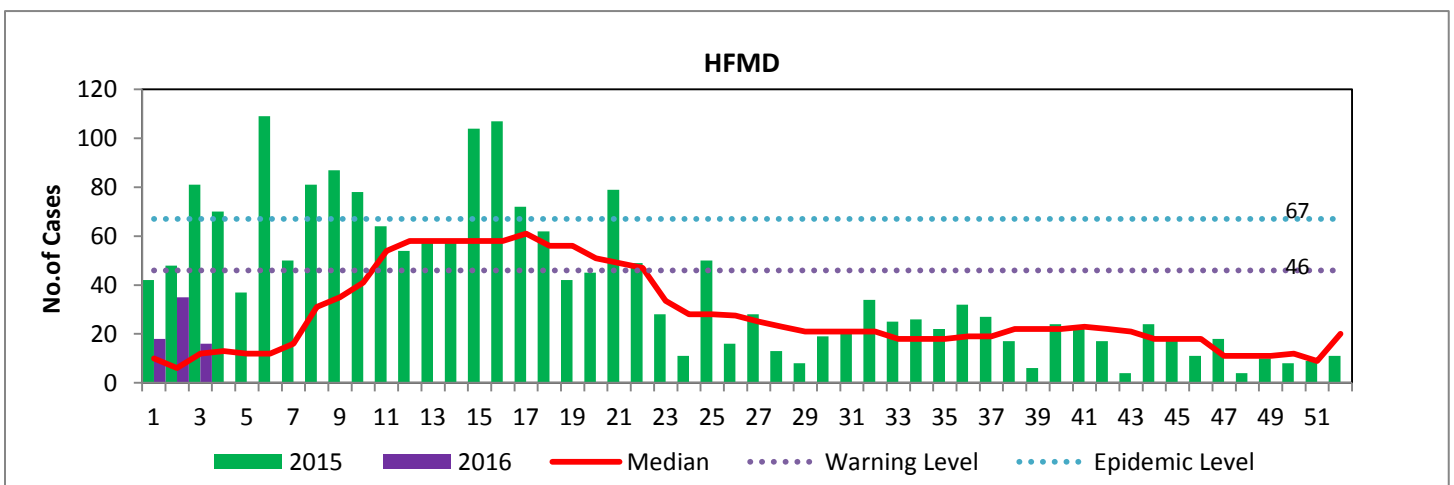
7. WEEKLY CASES OF FOOD POISONING, 2015—2016



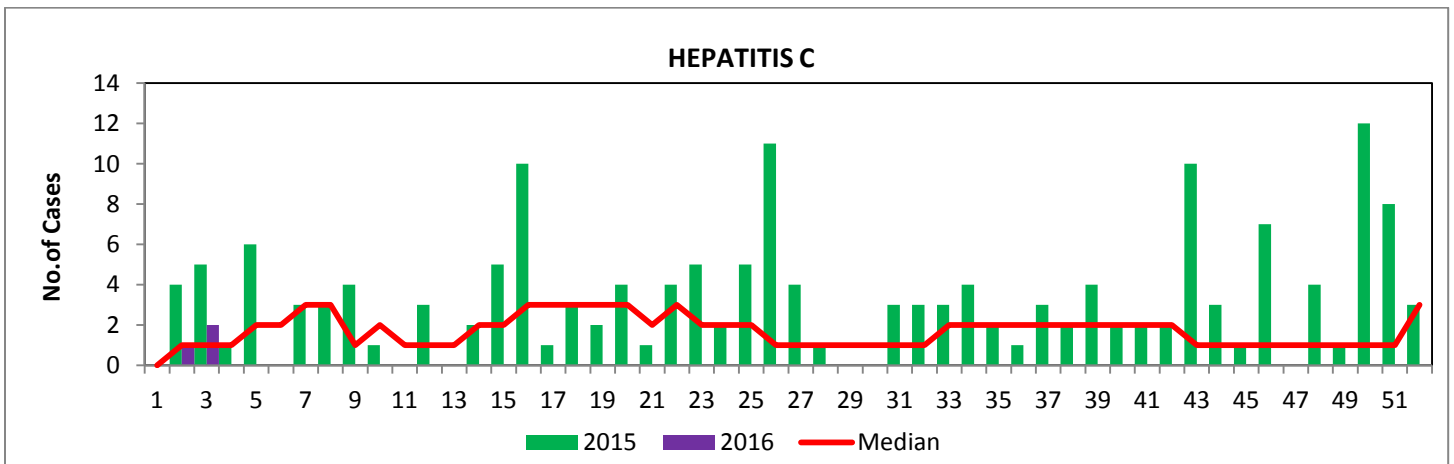
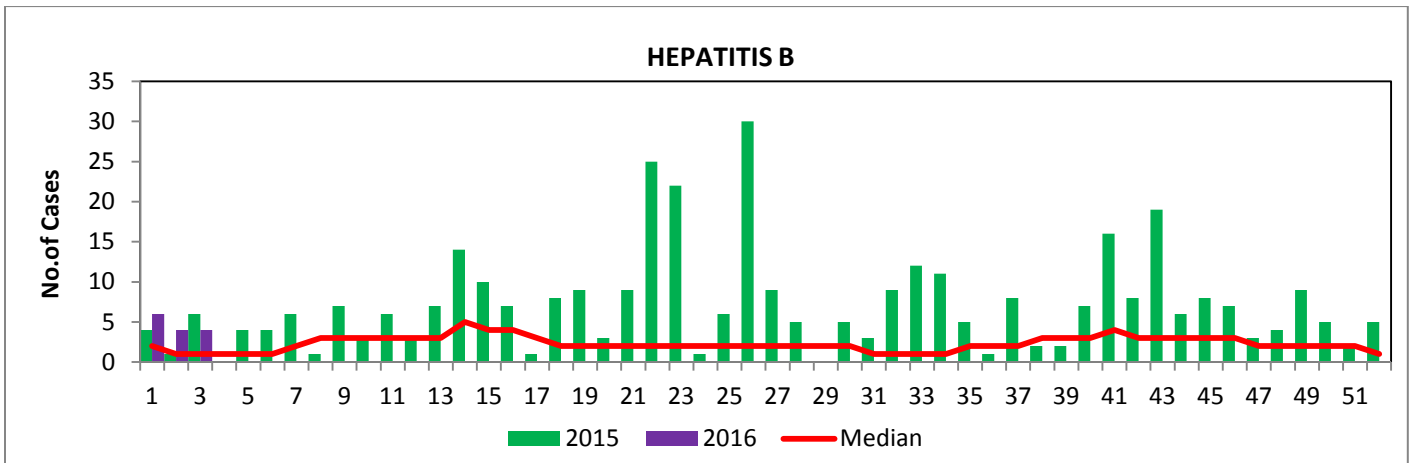
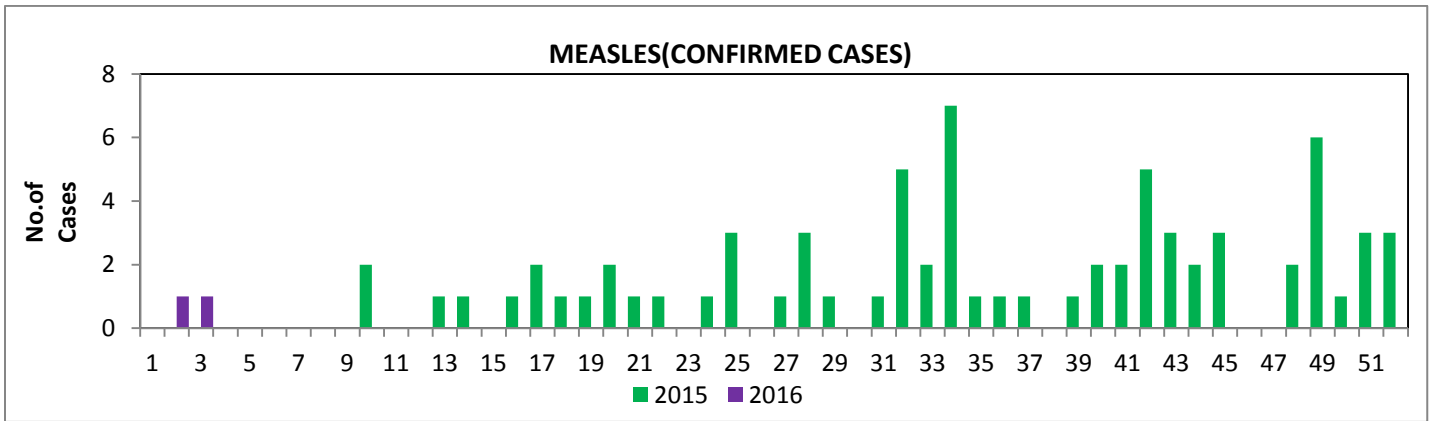
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016



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



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



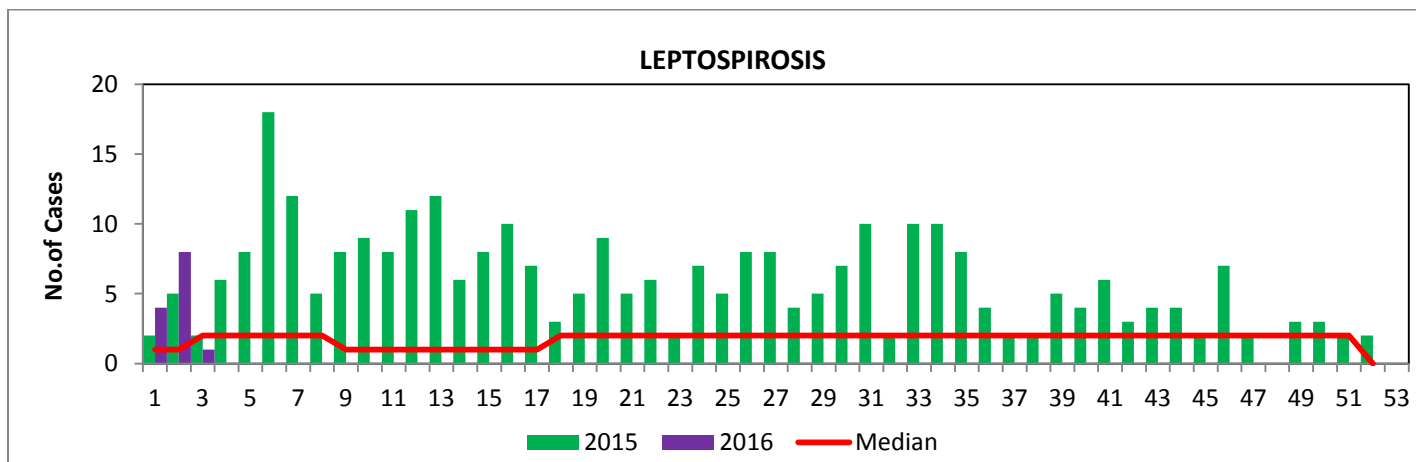
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	2
Epidemiologically confirmed	1
Lab confirmed	2
Discarded	9
Pending	1

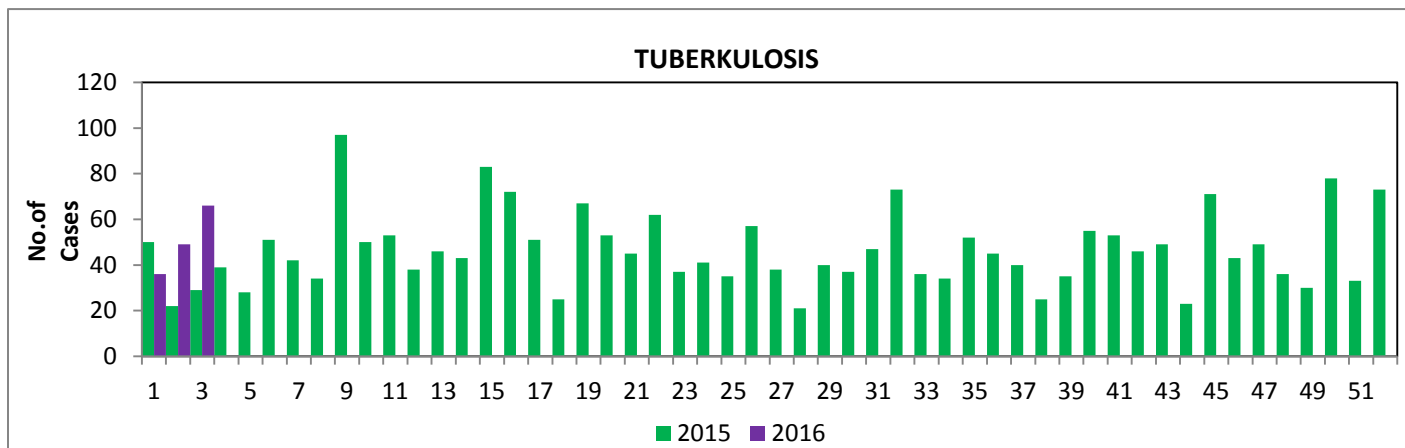
Total notifications	15
Incidence rate	5.6 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	27%	100%
Cases investigated within 48 hours	67%	>80%
Simple taken for confirmation	93%	>80%
Cases classified	100%	100%
Confirmed case with source of infection identified	33%	>80%
Death	0	0

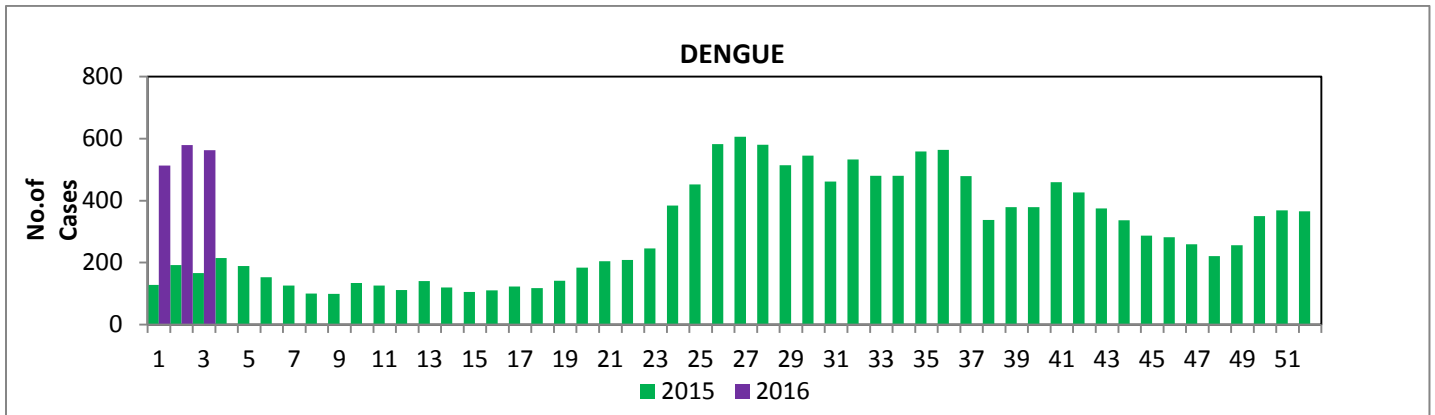
11. LEPTOSPIROSIS



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