

EPIDEMIOLOGICAL BULLETIN

EPID WEEK 26

DATE : 26.06.2016 – 02.07.2016

OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 26

No	District	Locality	Disease /event	Number of cases
1	JOHOR BAHRU	Shellout, Tmn Setia Tropika, JB	Food Poisoning	24
2	MUAR	Tadika Ad Din Bestari, MR	HFMD	3
3	KOTATINGGI	Taska Permata Kemas, Tmn Melati Putih, KT	HFMD	3
4	KLUANG	Sekolah Agama Islam As Siddiq, Simpang Renggam, KG	Food Poisoning	8
5	KULAIJA YA	Taska Ehsan Hadanan, UTM, Kulai	HFMD	4

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

Weekly highlights

Diphtheria Alert!

Until 29th of Jun 2016, a total of thirteen (13) diphtheria cases with 5 death were reported in Malaysia. Malacca reported three (3) cases with one (1) death. Kedah, six (6) cases with one (1) death and Sabah, four (4) cases with three (3) death. The incidence in Malacca and Kedah were family cluster, meanwhile in Sabah it was a sporadic incidence.

On 2nd of July 2016, Johor Bahru District Health Office received its first suspected diphtheria notification, involving a five (5) year old Malay boy, presented with fever, sore throat, running nose and difficulty in breathing and white exudate in his throat, 2 days prior to his admission to the hospital. Preventive and control measures were taken immediately to prevent further spread of the infection.

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

DISEASE		EW 26 2016	EW 26 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	165	582	108	4854	7514(10)
	DENGUE HAEMORRHAGIC FEVER	1	0	1	5	6
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	3	3
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	2	1	0	24	39
	FOOD POISONING (case)	10	65	1	740	1259(2)
8.	GONOCOCCAL INFECTION (all forms)	12	8	2	158	147
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	133	16	25	1582	1714
10.	HIV INFECTION (all forms)	12	16	9	366	276
	HIV DEATH	1	0	0	0	33
11.	LEPROSY	0	0	0	6	3
12.	LEPTOSPIROSIS	17	7	2	184	133(11)
13.	MALARIA	1	0	1	12	15
14.	MEASLES	0	0	0	17	186
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)	3	7	1	56	67
20.	TETANUS (Neonatorum / Adult)	0	1	0	1	1
21.	TUBERCULOSIS (all forms)	76	57	37	1250	1013
	TUBERCULOSIS DEATH	1	0	0	0	83
22.	TYPHOID & PARATYPHOID FEVER	0	0	0	8	4
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	1
25.	VIRAL HEPATITIS					
	a) Hepatitis A	0	0	0	3	2
	b) Hepatitis B	4	11	2	194	141(3)
	c) Hepatitis C	2	5	2	84	76(2)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	0	0	0	5	9
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)	471	55	667	1505	9992
3	FILARIASIS	0	0	0	13	4
4	INFLUENZA-LIKE ILLNESS (ILI)	821	83	132	3056	21491
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	14	0	0	11	294
6	MELIOIDOSIS	0	0	0	0	14
7	BRUCELLOSIS	0	0	0	0	7

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	814	1627	2507	4854	7514(10)
	DENGUE HAEMORRHAGIC FEVER	32	33	17	5	6
4.	DIPHtherIA	0	0	0	0	0
5.	DYSENTERY (all types)	1	0	1	3	3
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	0	19	28	24	39
	FOOD POISONING (case)	771	603	1093	740	1259(2)
8.	GONOCOCCAL INFECTION (all forms)	114	39	52	158	147
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	1799	1036	1091	1582	1714
10.	HIV INFECTION (all forms)	0	316	320	366	276
	HIV DEATH	0	0	0	0	33
11.	LEPROSY	5	9	4	6	3
12.	LEPTOSPIROSIS	27	25	95	184	133(11)
13.	MALARIA	37	32	18	12	15
14.	MEASLES	0	9	6	17	186
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)	66	19	40	56	67
20.	TETANUS (Neonatorum / Adult)	0	0	1	1	1
21.	TUBERCULOSIS (all forms)	1148	956	1066	1250	1013
	TUBERCULOSIS DEATH	0	0	0	0	83
22.	TYPHOID & PARATYPHOID FEVER	3	9	7	8	4
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	1
25.	VIRAL HEPATITIS					
	a) Hepatitis A	1	2	4	3	2
	b) Hepatitis B	90	78	96	194	141(3)
	c) Hepatitis C	77	110	77	84	76(2)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	3	0	2	5	9
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	8	12	10
2	ACUTE GASTROENTERITIS (AGE)	17955	18314	14950	1505	9992
3	FILARIASIS	0	0	10	13	4
4	INFLUENZA-LIKE ILLNESS (ILI)	4102	3919	3643	3056	21491
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	273	11	294
6	MELIOIDOSIS	0	0	0	0	14
7	BRUCELLOSIS	0	0	0	0	7

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	133	5	5	0	3	4	4	0	9	2	165
	DENGUE HAEMORRHAGIC FEVER	1	0	0	0	0	0	0	0	0	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	1	0	0	0	0	2
	FOOD POISONING (case)	2	0	0	0	0	8	0	0	0	0	10
8.	GONOCOCCAL INFECTION (all forms)	8	2	0	0	1	0	0	0	0	1	12
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	48	20	21	10	12	8	0	7	6	1	133
10.	HIV INFECTION (all forms)	6	0	0	1	0	1	0	4	0	0	12
	HIV DEATH	1	0	0	0	0	0	0	0	0	0	1
11.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
12.	LEPTOSPIROSIS	7	3	2	0	2	0	1	1	1	0	17
13.	MALARIA	0	0	0	0	0	1	0	0	0	0	1
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	1	0	0	0	0	0	0	0	0	3
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	38	0	7	3	0	12	10	1	1	4	76
	TUBERCULOSIS DEATH	0	0	0	0	0	0	1	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	1	0	0	0	0	1	0	0	4
	c) Hepatitis C	0	0	0	0	0	1	1	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)	0	0	0	0	0	0	0	0	0	0	0
2	ACUTE GASTROENTERITIS (AGE)	47	16	21	32	100	45	65	37	79	29	471
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	821										821
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	14										14
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	5858(10)	371	86	37	191	225	223	110	373	40	7514(10)
	DENGUE HAEMORRHAGIC FEVER	5	0	0	0	0	0	0	0	1	0	6
4.	DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0
5.	DYSENTERY (all types)	2	1	0	0	0	0	0	0	0	0	3
6.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
7.	FOOD POISONING (episode)	17	6	2	2	4	2	1	0	4	1	39
	FOOD POISONING (case)	289(2)	30	159	28	365	29	247	0	90	22	1259(2)
8.	GONOCOCCAL INFECTION (all forms)	70	13	0	1	41	2	1	3	11	5	147
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	752	120	119	99	119	260	44	55	87	59	1714
10.	HIV INFECTION (all forms)	160	13	14	5	19	14	16	19	11	5	276
	HIV DEATH	8	0	2	1	5	3	6	5	1	2	33
11.	LEPROSY	2	0	0	0	1	0	0	0	0	0	3
12.	LEPTOSPIROSIS	53(9)	16	19(1)	4	8	4(1)	10	6	8	5	133(11)
13.	MALARIA	1	0	2	1	2	2	2	1	1	3	15
14.	MEASLES	117	11	8	0	18	24	2	3	3	0	186
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)	46	11	2	0	2	2	1	1	0	2	67
20.	TETANUS (Neonatorum / Adult)	1	0	0	0	0	0	0	0	0	0	1
21.	TUBERCULOSIS (all forms)	494	74	66	39	65	89	57	44	59	26	1013
	TUBERCULOSIS DEATH	32	3	3	6	24	4	3	2	4	2	83
22.	TYPHOID & PARATYPHOID FEVER	2	0	1	0	0	0	0	0	0	1	4
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	1	0	0	0	0	0	2
	b) Hepatitis B	73	9	15	2	9	4(1)	6	8(1)	13	2(1)	141(3)
	c) Hepatitis C	17(1)	1	6	5(1)	10	13	4	9	11	0	76(2)
	d) Other Hepatitis	1	0	0	0	0	0	0	0	1	0	2
26.	WHOOPING COUGH	0	1	1	0	0	5	2	0	0	0	9
27.	YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE												
1	ACUTE FLACCID PARALYSIS (AFP)	4	0	1	1	3	1	0	0	0	0	10
2	ACUTE GASTROENTERITIS (AGE)	1469	107	401	500	2257	1191	1182	584	1682	619	9992
3	FILARIASIS	0	0	0	0	1	0	0	2	1	0	4
4	INFLUENZA-LIKE ILLNESS (ILI)	21491										21491
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	294										294
6	MELIOIDOSIS	1	1	3	0	2	2	2	3	0	0	14
7	BRUCELLOSIS	3	0	4	0	0	0	0	0	0	0	7

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

DISEASES		JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
1	ACUTE GASTROENTERITIS (AGE)	1	0	0	0	0	0	0	0	0	0	1
2	CHICKEN POX	1	0	0	0	0	0	0	0	0	0	1
3	CONJUNCTIVITIS	0	0	0	0	0	0	0	0	0	1	1
4	FOOD POISONING	17	6	2	2	4	2	1	0	4	1	39
5	HAND, FOOT & MOUTH DISEASE (HFMD)	23	5	1	6	0	16	1	0	3	2	57
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	5	0	1	0	0	0	1	0	0	0	7
8	LEPTOSPIROSIS	0	0	0	0	0	0	0	0	0	0	0
9	MEASLES	7	0	1	0	0	0	0	0	0	0	8
10	MUMPS	0	0	0	0	0	0	0	0	0	1	1
11	UPPER RESPIRATORY TRACT INFECTION (URTI)/	4	0	0	0	0	0	0	0	0	0	4
12	SCABIES	2	0	0	0	0	0	0	0	0	0	2
13	RUBELLA	0	0	0	0	0	0	0	0	0	0	0

6. INFLUENZA SURVEILLANCE 2015- 2016, JOHORE STATE

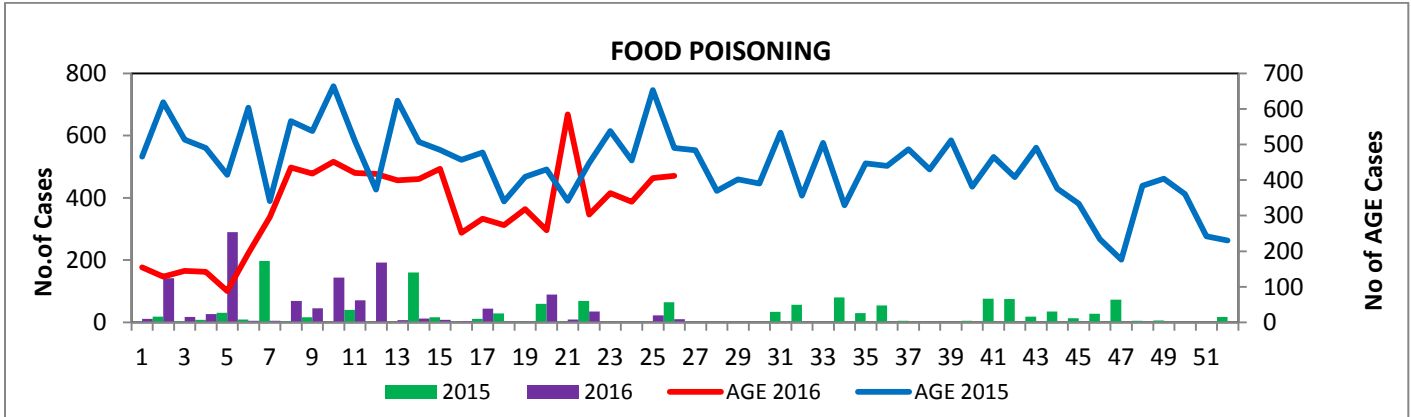
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

	EW 26					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
ILI Surveillance										
Number of ILI Cases	70	182	420	149	821	1902	6032	10420	3137	21491
Total Outpatient Attendances	360	1100	2638	912	5010	10799	30580	56320	26328	124027

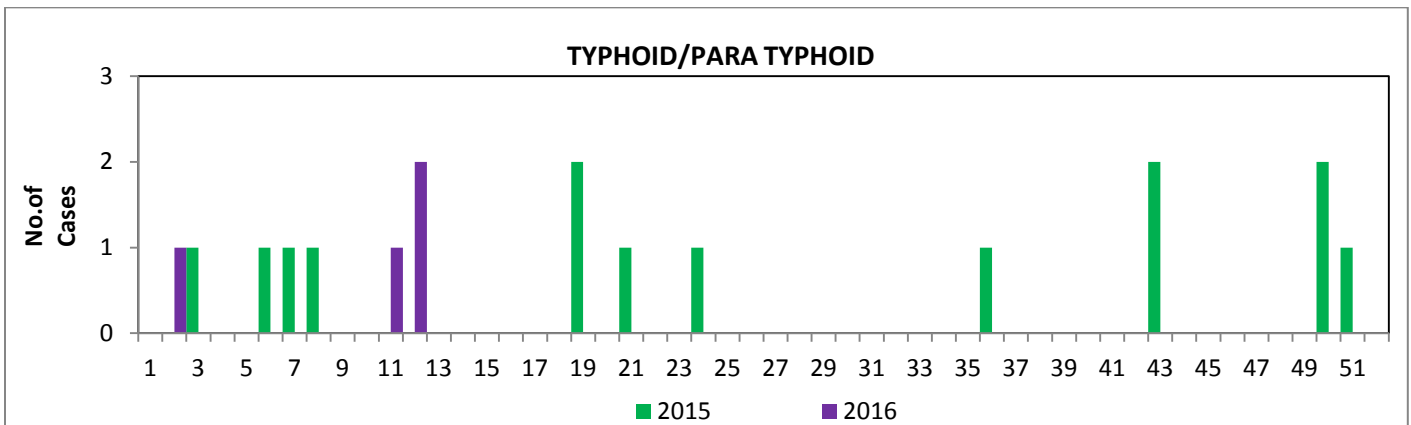
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

	EW 26			CUMULATIVE		
	Paediatric Patients (< 13 years)	Adults Patients (≥ 13 years)	Total	Paediatric Patients (< 13 years)	Adults Patients (≥ 13 years)	Total
sARI Surveillance						
Number of SARI Cases (New Admission)	10	4	14	180	114	294

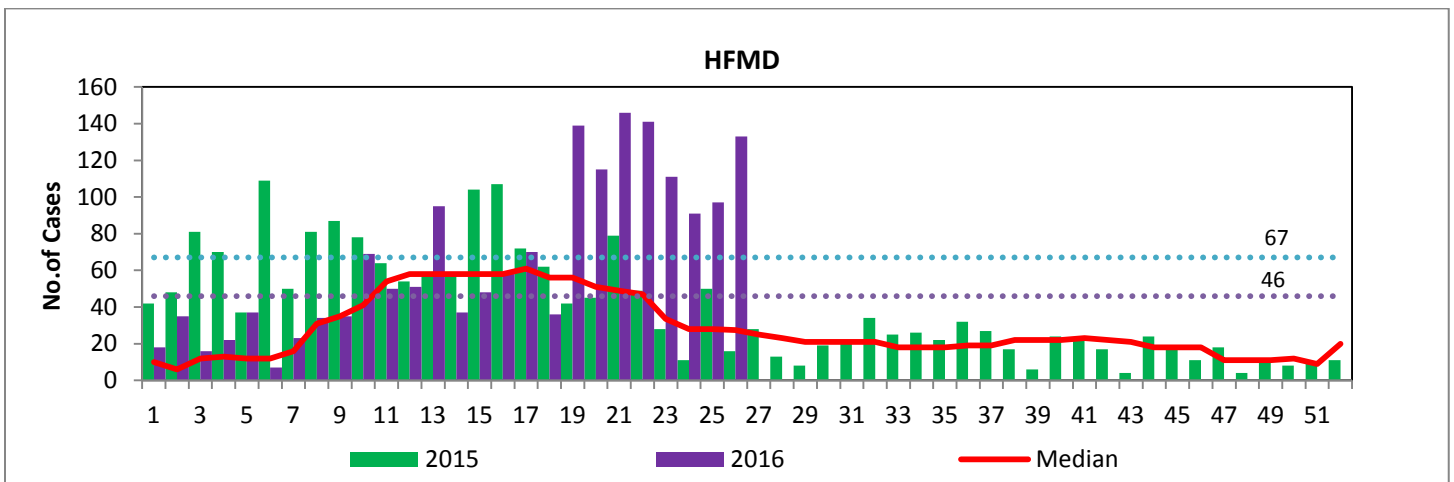
7. WEEKLY CASES OF FOOD POISONING, 2015—2016



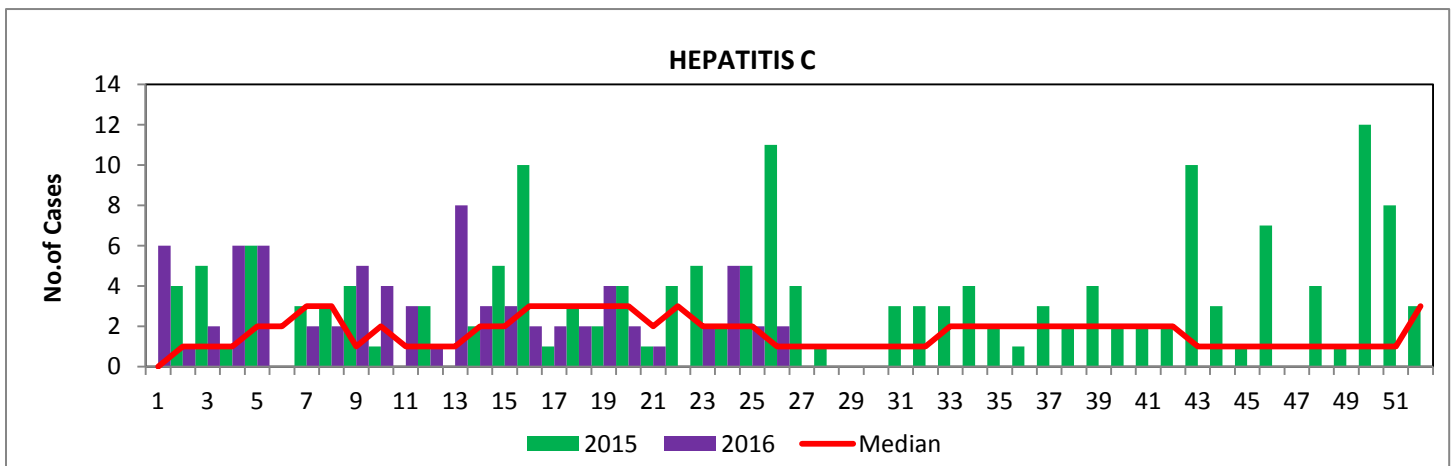
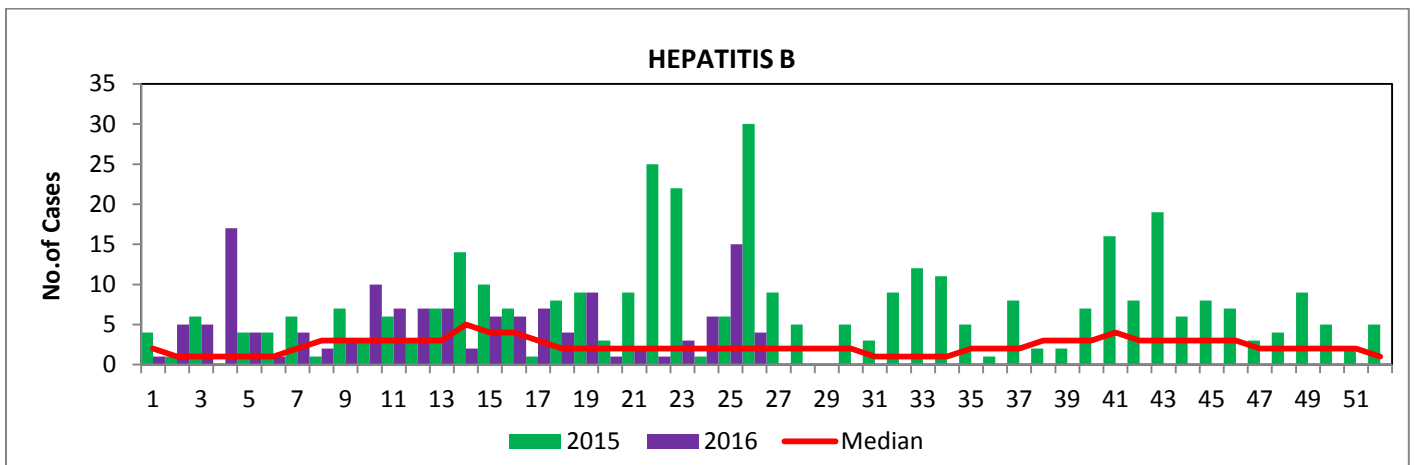
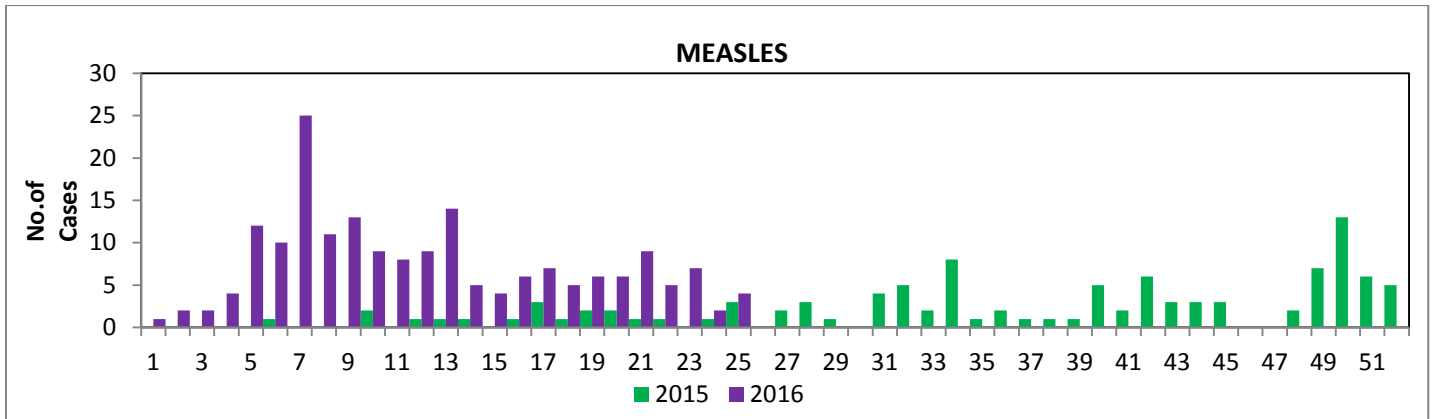
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016



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



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



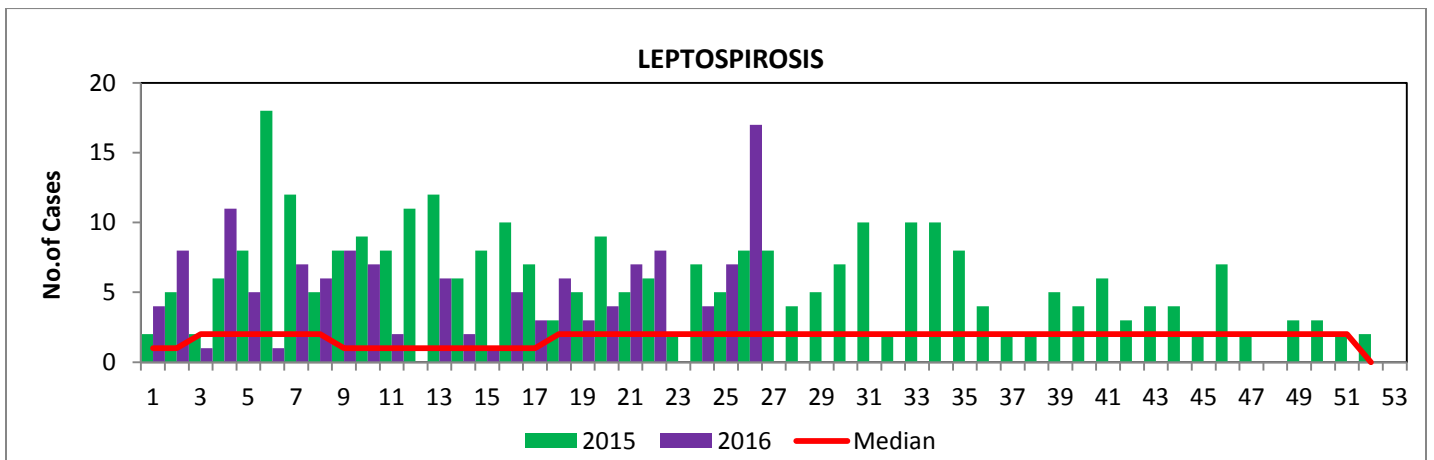
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	18
Epidemiologically confirmed	15
Lab confirmed	156
Discarded	95
Pending	22

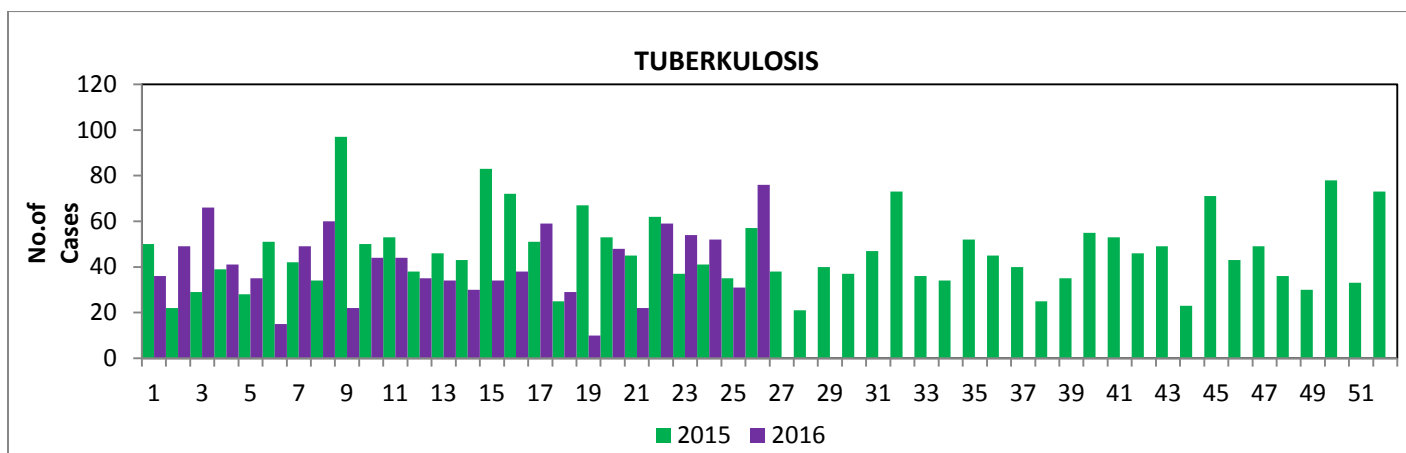
Total notifications	306
Incidence rate	53.4 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	43%	100%
Cases investigated within 48 hours	96%	>80%
Sample taken for confirmation	93%	>80%
Cases classified	91%	100%
Confirmed case with source of infection identified	92%	>80%
Death	0	0

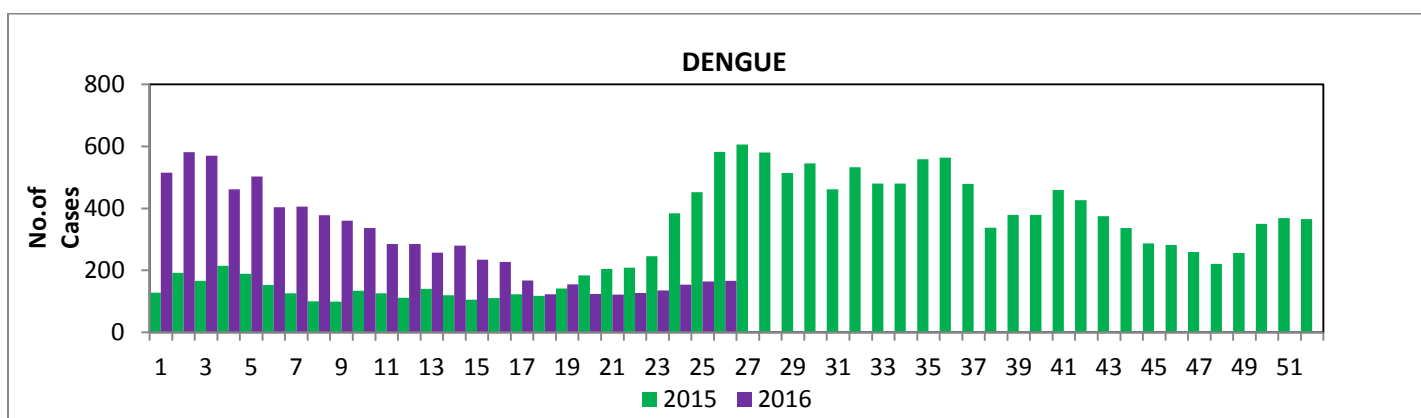
11. LEPTOSPIROSIS



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 26 2016	Cumulative 2015	EW 26 2016	Cumulative 2015
1 <i>Salmonella typhi</i> / <i>Salmonella spp.</i>	27	0	686	387
2 <i>Yersinia enterocolitica</i>	26	0	440	308
3 <i>Vibrio cholerae</i> / <i>Vibro para</i>	26	0	444	308
4 <i>Plesiomonas shigelloides</i> / <i>spp</i>	26	0	440	308
5 <i>Enteropathogenic E.coli (EPEC,EHEC)</i>	26	0	440	308
6 <i>Aeromonas hydrophilia</i> / <i>spp</i>	26	0	440	308
7 <i>Shigella spp.</i>	26	0	440	308
8 <i>Bacillus cereus (positive enterotoxin)</i>	26	0	440	308
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	26	0	440	308
10 <i>Campylobacter jejuni/coli/spp</i>	30	24	414	308

15. INFLUENZA SURVEILLANCE

