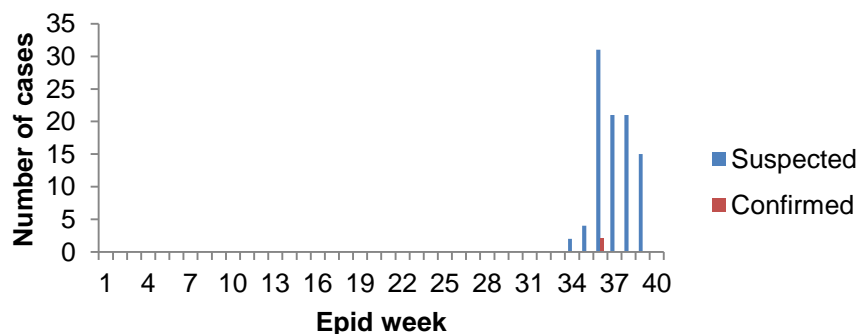


OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 39

No	District	Locality	Disease /Event	Number Of Cases
1	Muar	SMA At Tanwiriah, Pt Jawa	Keracunan Makanan	18
2	Johor Bahru	Tadika Bidadari Unggul, Tmn Skudai Baru _Jln Hang Tuah	HFMD	9
3	Kluang	SM Sains Sembrong	AGE	19
4	Muar	Bt 15, Jln Air Hitam	HFMD	2
5	Johor Bahru	Tmn.Delima	HFMD	2

Graph 1: Number of suspected and confirmed Zika case in Johor State until epid week 39 , 2016



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

Acute

Gastroenteritis Outbreak in Kedah

On 28th September 2016, the Kedah Department of State Health has reported seven (7) cases of acute gastroenteritis (AGE), aged between 11 months to 10 years. Three (3) of the cases came from one family and four (4) sporadic cases. All of them began to experience symptoms on 26th September 2016 and was admitted to the hospital for treatment. They gave the history of visiting Bukit Merah Lake Town Resort on 24th September 2016.

All states have been informed of this incident in order to improve monitoring of cases of AGE in the past week. So far, Penang reported two (2) cases of AGE with history of swimming in Bukit Merah. The children, aged 3 and 5 years old came from different families and have been hospitalized.

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

DISEASE		EW 39 2016	EW 39 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	131	379	100	11365 (37)	9342(16)
	DENGUE HAEMORRHAGIC FEVER	0	0	1	12	6
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	9	3
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	1	0	1	35	67
	FOOD POISONING (case)	18	0	33	1001	1692(2)
8.	GONOCOCCAL INFECTION (all forms)	13	2	4	206	243
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	94	6	22	1861	3318
10.	HIV INFECTION (all forms)	13	43	6	526	445
	HIV DEATH	0	0	0	0	58
11.	LEPROSY	0	0	0	6	6
12.	LEPTOSPIROSIS	5	4	1	260	170(14)
13.	MALARIA	8	2	1	31	27
14.	MEASLES	3	1	0	41	205
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)	7	0	1	84	118(1)
20.	TETANUS (Neonatorum / Adult)	0	0	0	2	1
21.	TUBERCULOSIS (all forms)	88	35	27	1773	1627
	TUBERCULOSIS DEATH	1	0	0	0	32
22.	TYPHOID & PARATYPHOID FEVER	0	0	0	9	6(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	0	0	8	2
	b) Hepatitis B	7	3	3	286	217(5)
	c) Hepatitis C	0	1	2	116	117(3)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	0	2	0	14	10
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	1	10
2	ACUTE GASTROENTERITIS (AGE)	163	40	806	2078	11796
3	FILARIASIS	0	0	0	15	5
4	INFLUENZA-LIKE ILLNESS (ILI)	830	81	138	4264	32881
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	17	0	0	20	527
6	MELIOIDOSIS	0	0	0	0	14
7	BRUCELLOSIS	0	0	0	0	7
8	ZIKA	0	0	0	0	2

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	1136	2716	3995	10171	9342(16)
	DENGUE HAEMORRHAGIC FEVER	42	49	26	10	6
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all types)	1	0	1	9	3
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	0	35	40	35	67
	FOOD POISONING (case)	1209	1216	1676	1001	1692(2)
8.	GONOCOCCAL INFECTION (all forms)	183	110	92	206	243
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	2152	1398	1400	1861	3318
10.	HIV INFECTION (all forms)	0	449	474	526	445
	HIV DEATH	0	0	0	0	58
11.	LEPROSY	6	12	7	6	6
12.	LEPTOSPIROSIS	60	40	181	260	170(14)
13.	MALARIA	69	48	31	31	27
14.	MEASLES	0	10	9	41	205
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)	86	35	49	84	118(1)
20.	TETANUS (Neonatorum / Adult)	1	0	1	2	1
21.	TUBERCULOSIS (all forms)	1498	1503	1463	1773	1627
	TUBERCULOSIS DEATH	0	0	0	0	32
22.	TYPHOID & PARATYPHOID FEVER	5	15	10	9	6(1)
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	1
25.	VIRAL HEPATITIS					
	a) Hepatitis A	2	2	4	8	2
	b) Hepatitis B	185	118	138	286	217(5)
	c) Hepatitis C	107	140	99	116	117(3)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	4	1	4	14	10
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	10	1	10
2	ACUTE GASTROENTERITIS (AGE)	28279	27890	23318	2078	11796
3	FILARIASIS	0	0	11	15	5
4	INFLUENZA-LIKE ILLNESS (ILI)	6833	5771	5589	4264	32881
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	368	20	527
6	MELIOIDOSIS	0	0	0	0	14
7	BRUCellosIS	0	0	0	0	7
8	ZIKA	0	0	0	0	2

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	101	4	5	2	3	1	1	2	7	5	131
	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	18	0	0	0	0	0	0	0	18
8.	GONOCOCCAL INFECTION (all forms)	10	1	0	0	0	0	0	1	0	1	13
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	65	5	2	0	5	2	0	3	8	4	94
10.	HIV INFECTION (all forms)	7	1	1	1	1	1	0	1	0	0	13
	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	1	0	0	0	0	4	0	0	0	5
13.	MALARIA	1	0	0	0	0	0	0	0	7	0	8
14.	MEASLES	3	0	0	0	0	0	0	0	0	0	3
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)	4	0	0	1	0	0	0	2	0	0	7
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	36	6	0	2	21	1	10	3	7	2	88
	TUBERCULOSIS DEATH	0	1	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	5	0	0	0	0	0	0	1	1	0	7
	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)	72	0	0	0	0	0	91	0	0	0	163
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	830										830
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	17										17
6	MELIOIDOSIS	0	0	0	0	0	0	0	0	0	0	0
7	BRUCELOSIS	0	0	0	0	0	0	0	0	0	0	0
8	ZIKA	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	7243(16)	448	137	66	232	267	273	130	480	66	9342(16)
	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)	24	14	4	2	5	2	1	3	11	1	67
	FOOD POISONING (case)	379	152	238	28	376	29	247	35	186	22	1692
8.	GONOCOCCAL INFECTION (all forms)	120	23	2	1	64	3	1	7	14	8	243
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	1530	282	231	213	203	391	64	125	194	85	3318
10.	HIV INFECTION (all forms)	262	20	36	7	30	25	19	23	14	9	445
	HIV DEATH	14	1	9	3	6	3	8	7	2	5	58
11.	LEPROSY	4	0	0	0	1	0	0	0	0	1	6
12.	LEPTOSPIROSIS	67(11)	19	19(1)	5	11	3(1)	21	9	10(1)	6	170(14)
13.	MALARIA	4	0	2	1	4	2	1	1	9	3	27
14.	MEASLES	135	13	13	1	11	22	3	3	4	0	205
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)	73(1)	18	7	1	7	5	2	3	0	2	118(1)
20.	TETANUS (Neonatorum / Adult)	1	0	0	0	0	0	0	0	0	0	1
21.	TUBERCULOSIS (all forms)	765	111	106	57	160	134	78	66	113	37	1627
	TUBERCULOSIS DEATH	12	5	2	4	0	3	1	1	4	0	32
22.	TYPHOID & PARATYPHOID FEVER	2	0	1	2	0	0	0	0	0	1(1)	6(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	1	0	0	0	0	0	2
	b) Hepatitis B	100	10	30(2)	2	24	7(1)	8	10(1)	24	2(1)	217(5)
	c) Hepatitis C	25(1)	2	11(1)	7(1)	27	15	5	10	14	1	117(3)
	d) Other Hepatitis	1	0	0	0	0	0	0	0	1	0	2
26.	WHOOPING COUGH	0	1	1	0	0	6	2	0	0	0	10
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)	1902	107	372	531	2392	1191	2043	584	1737	937	11796
3	FILARIASIS	0	0	0	0	1	0	0	2	2	0	5
4	INFLUENZA-LIKE ILLNESS (ILI)	32881										32881
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	527										527
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
8	ZIKA	2	0	0	0	0	0	0	0	0	0	2

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	2	0	0	0	0	3
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	24	14	4	2	5	2	1	3	10	1	66
5	HAND, FOOT & MOUTH DISEASE (HFMD)	46	10	3	7	0	18	1	0	5	2	92
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	6	0	1	0	0	0	1	0	0	0	8
8	LEPTOSPIROSIS	0	0	0	0	0	0	0	0	0	0	0
9	MEASLES	8	0	2	0	0	0	0	0	0	0	10
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

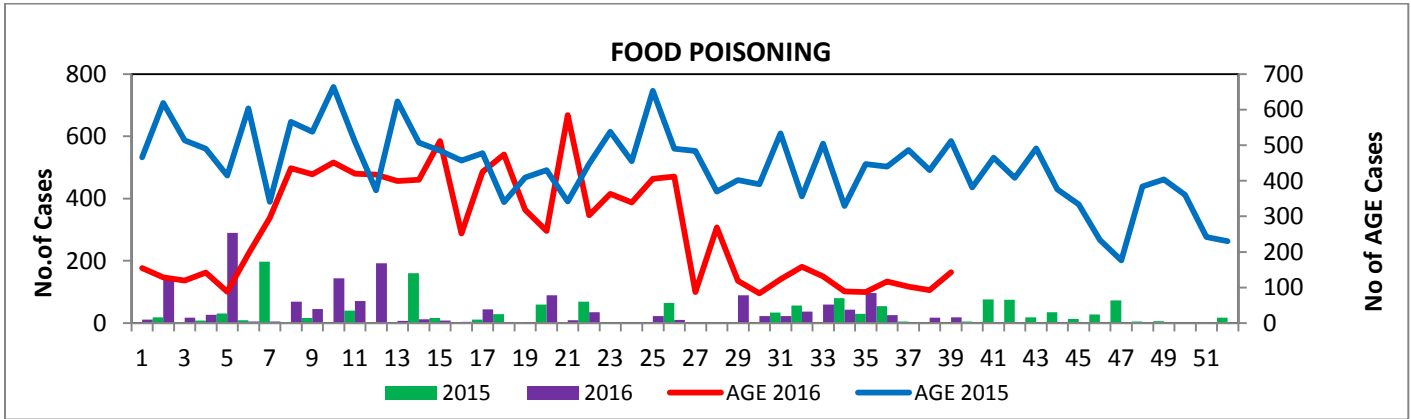
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 39					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	44	187	402	197	830	2860	9217	15942	4862	32881
Total Outpatient Attendances	291	1011	1955	1119	4376	16771	47280	83675	40320	188046

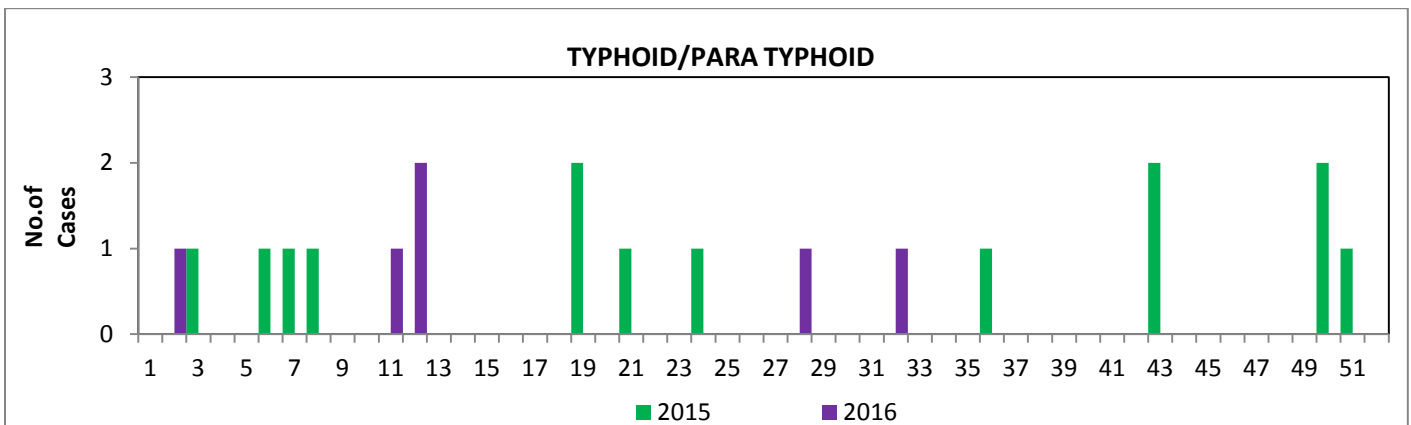
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 39			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)	14	3	17	359	168	527

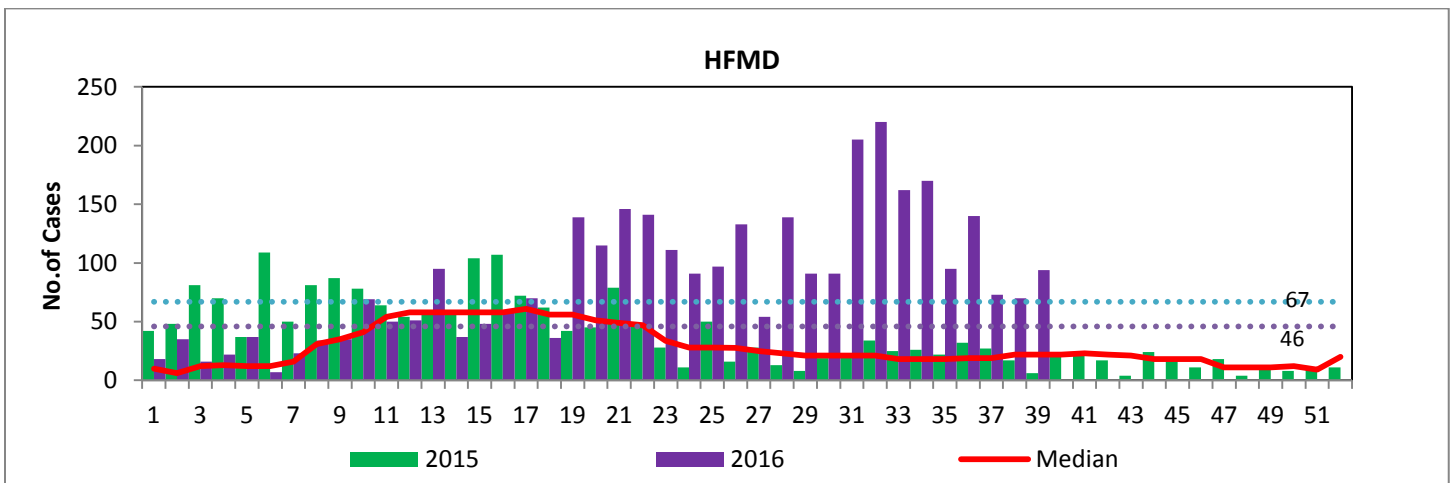
7. WEEKLY CASES OF FOOD POISONING, 2015—2016



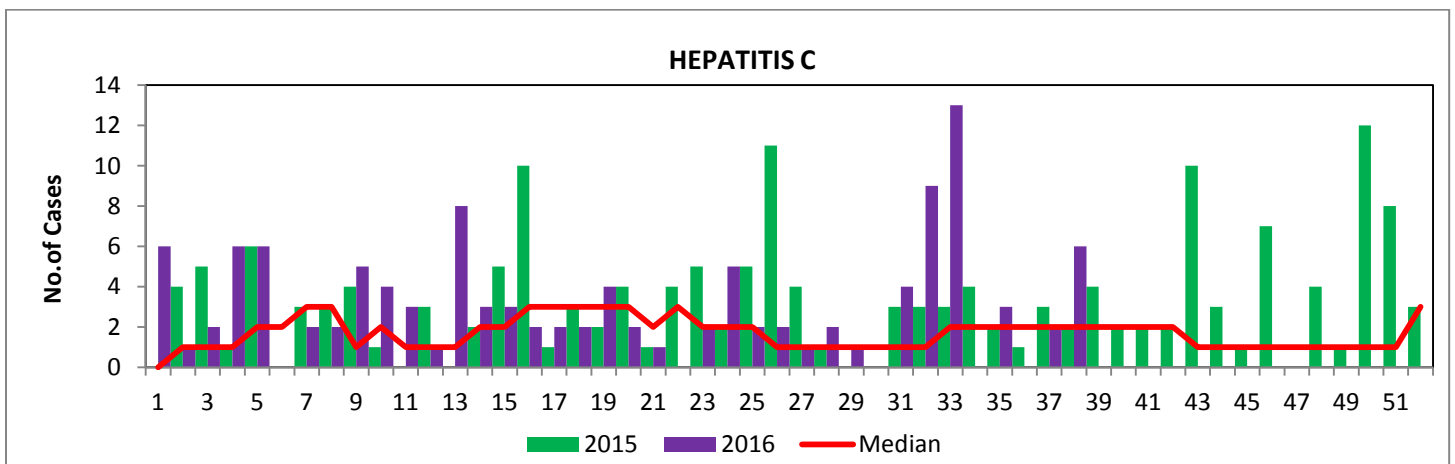
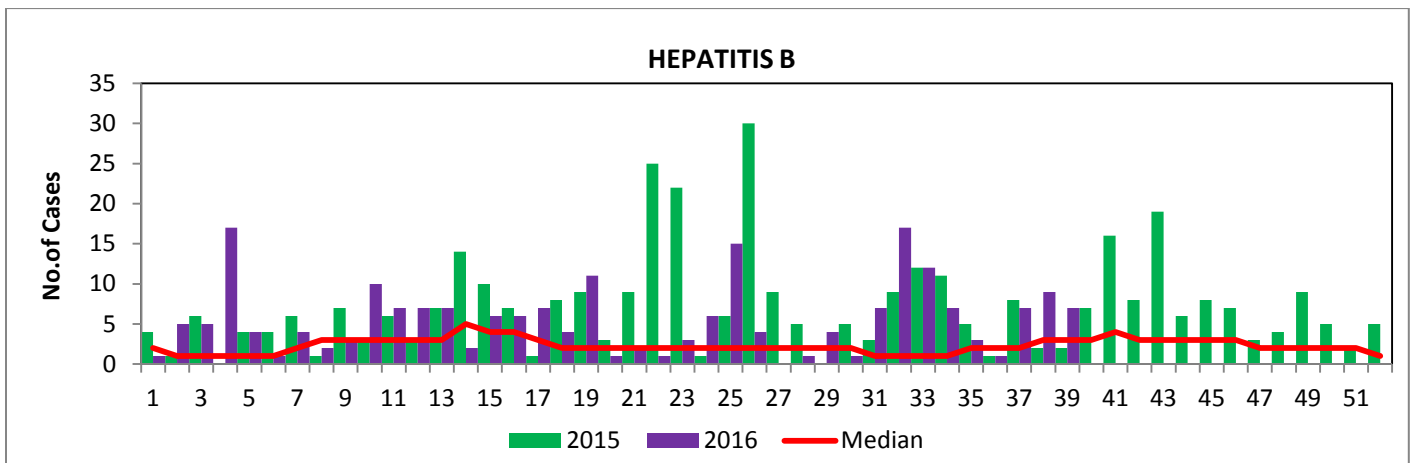
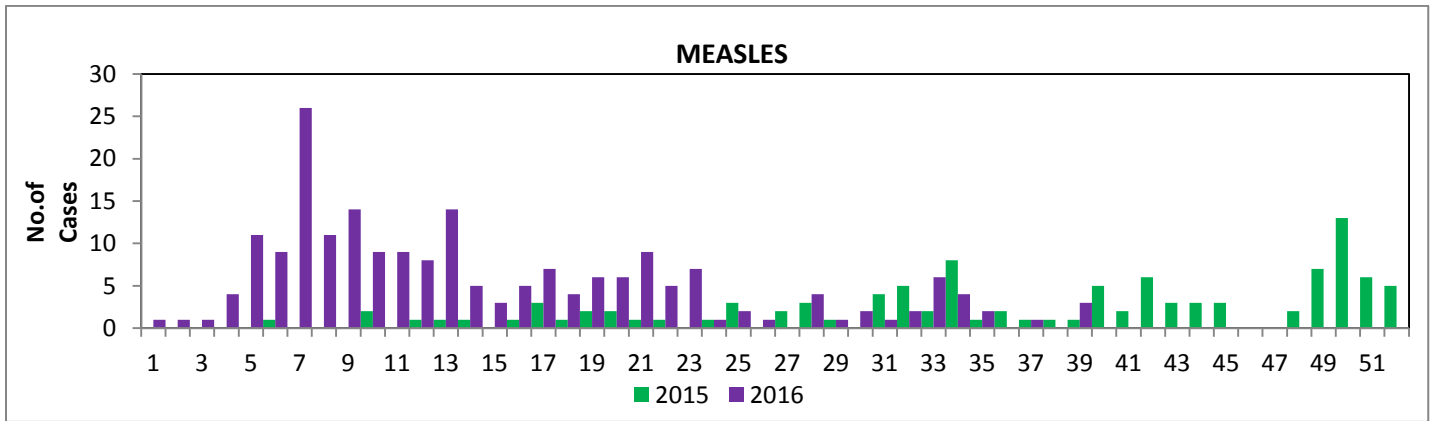
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016



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



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



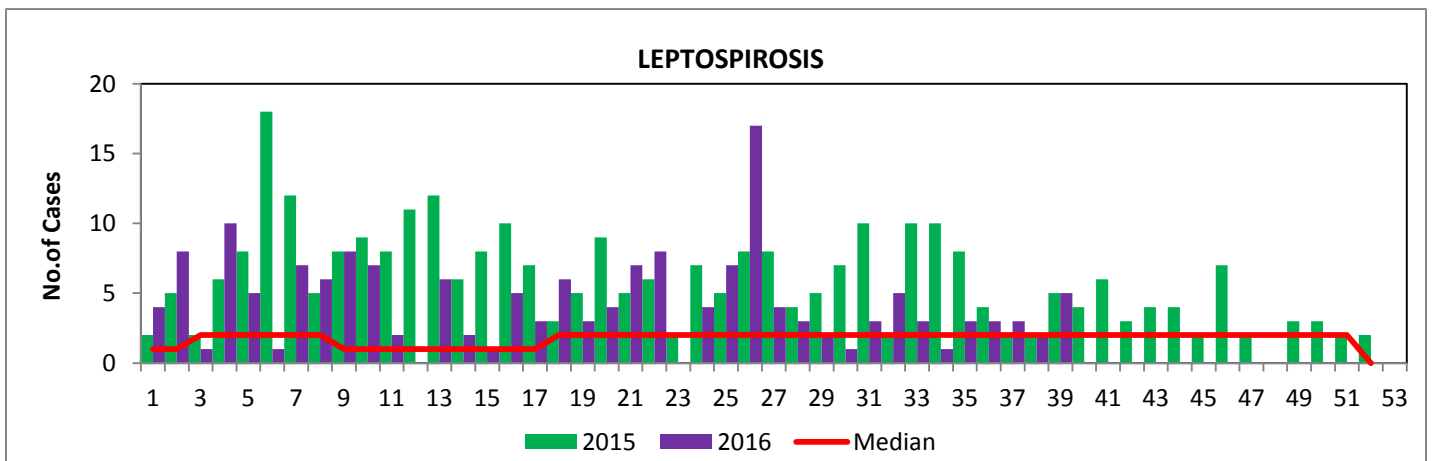
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	7
Epidemiologically confirmed	16
Lab confirmed	182
Discarded	163
Pending	47

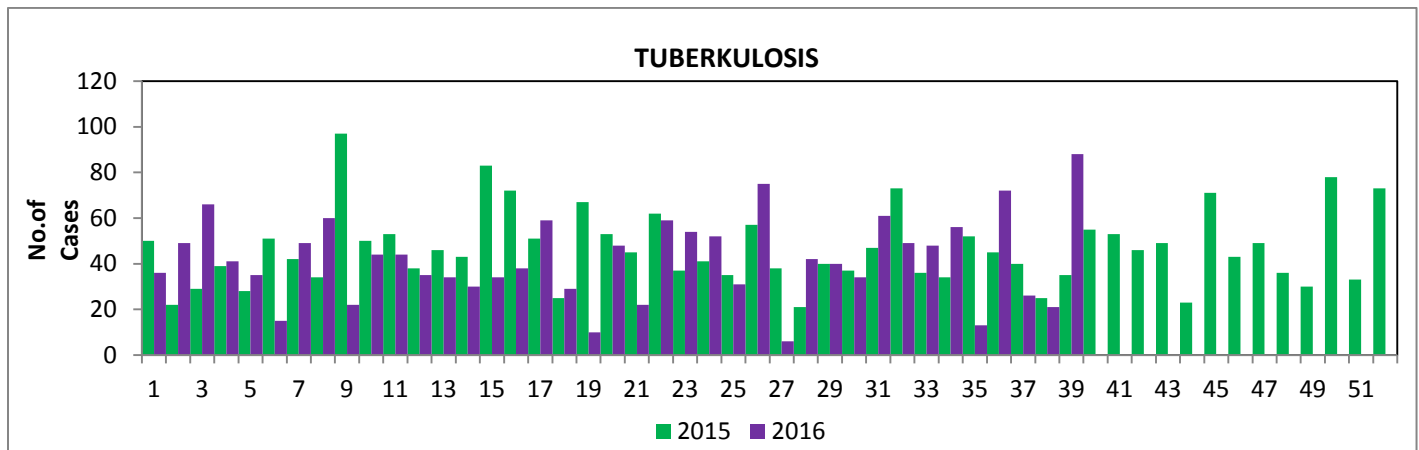
Total notifications	415
Incidence rate	115.5 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	44%	100%
Cases investigated within 48 hours	94%	>80%
Sample taken for confirmation	91%	>80%
Cases classified	89%	100%
Confirmed case with source of infection identified	90%	>80%
Death	0	0

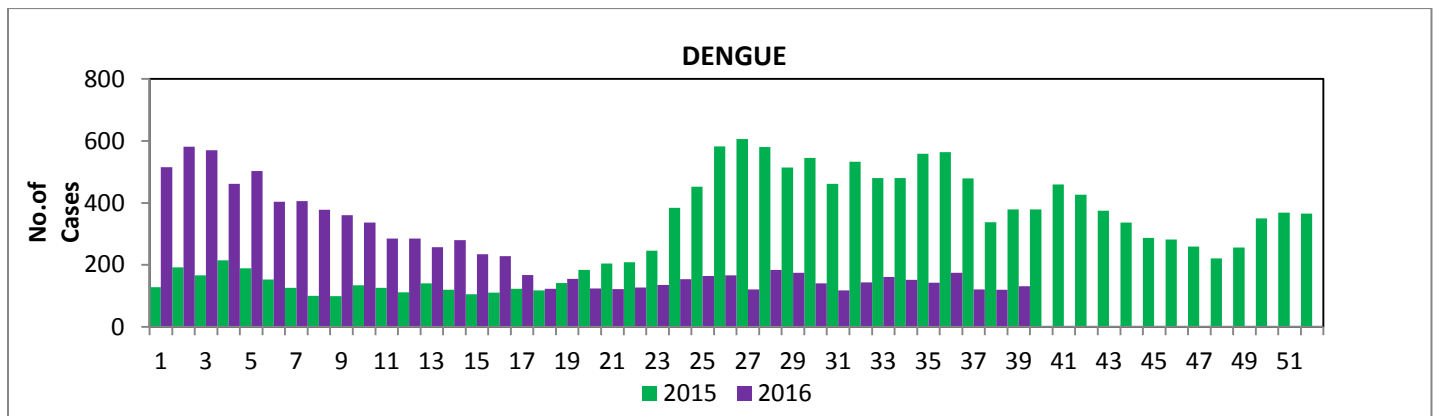
11. LEPTOSPIROSIS



12. TUBERCULOSIS



13. DENGUE

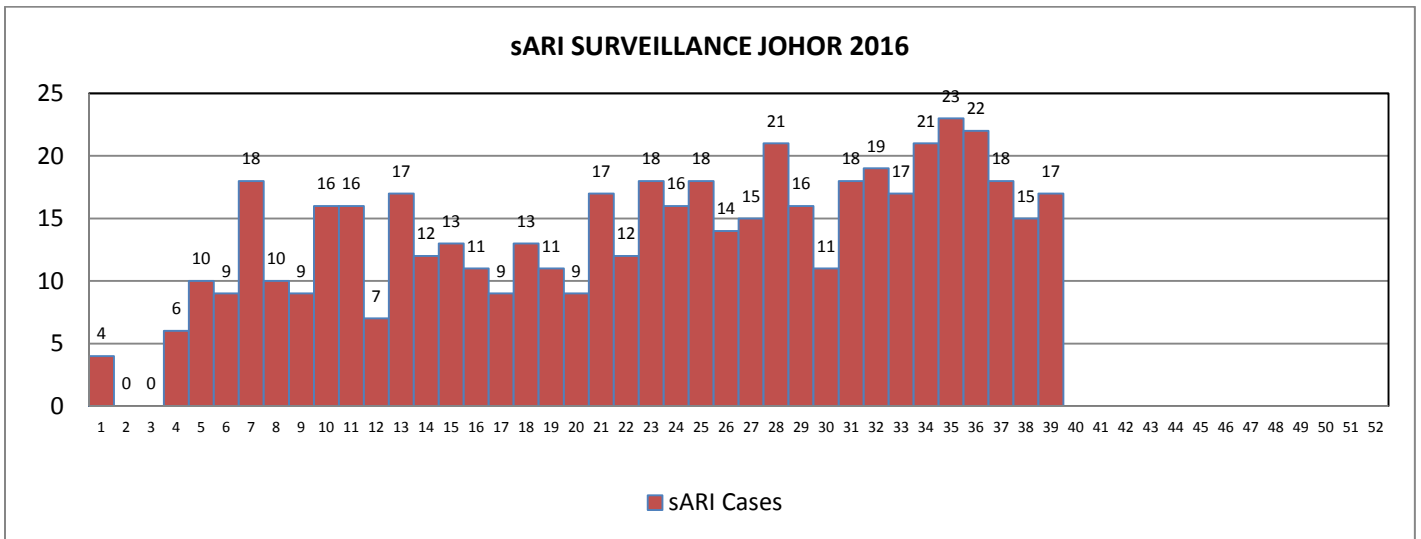
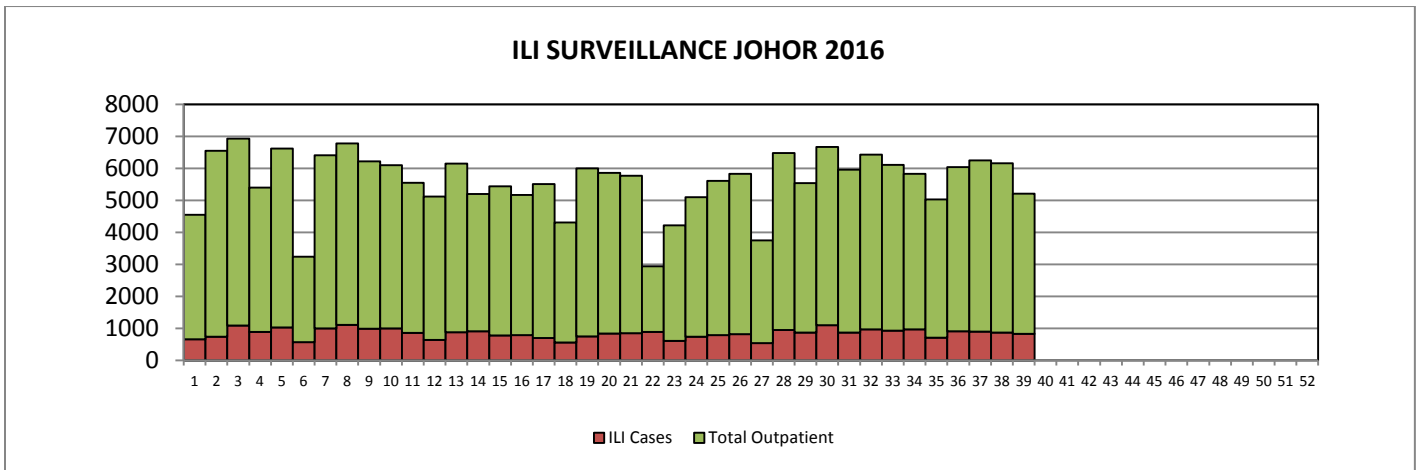
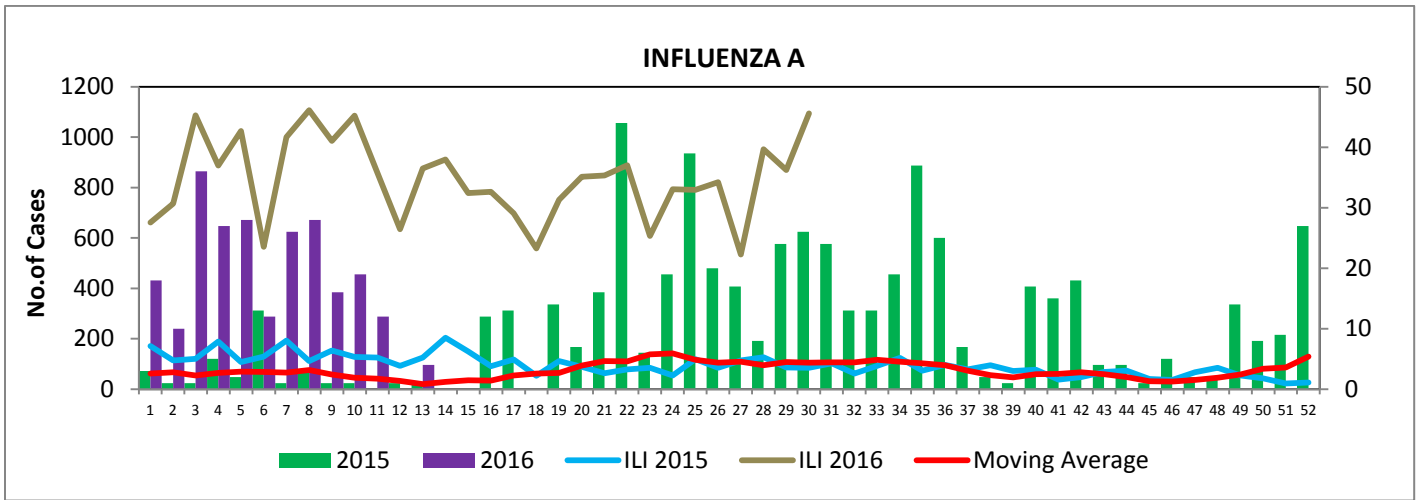


14. LABORATORY BASED SURVEILLANCE

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

Analysis	No. of sample received		No. of positive sample	
	EW 39 2016	Cumulative 2015	EW 39 2016	Cumulative 2015
1 <i>Salmonella typhi</i> / <i>Salmonella spp.</i>	0	0	728	391
2 <i>Yersinia enterocolitica</i>	0	0	473	308
3 <i>Vibrio cholerae</i> / <i>Vibro para</i>	0	0	493	308
4 <i>Plesiomonas shigelloides</i> / <i>spp</i>	0	0	473	308
5 <i>Enteropathogenic E.coli (EPEC,EHEC)</i>	0	0	473	308
6 <i>Aeromonas hydrophilia</i> / <i>spp</i>	0	0	473	308
7 <i>Shigella spp.</i>	0	0	473	308
8 <i>Bacillus cereus (positive enterotoxin)</i>	0	0	473	308
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	0	0	473	308
10 <i>Campylobacter jejuni</i> / <i>coli</i> / <i>spp</i>	0	0	473	308

15. INFLUENZA SURVEILLANCE



16. FEVER & RASHES SURVEILLANCE

FEVER & RASHES SURVEILLANCE (BY DISTRICT)-EW 39

DISTRICT	Fever	Rash	Fever and rash	Total attendance
JOHOR BAHRU	306	12	234	1950
KULAI	374	61	0	1444
MUAR	1299	153	0	6987
TANGKAK	0	0	0	0
BATU PAHAT	229	17	26	2922
KLUANG	1050	54	32	7705
SEGAMAT	89	2	0	691
PONTIAN	630	48	687	6398
KOTA TINGGI	1352	90	16	7640
MERSING	388	11	176	2523
TOTAL	5717	448	1171	38260

FEVER & RASHES SURVEILLANCE (BY FACILITY)-EW 39

FACILITIES	Fever	Rash	Fever and rash	Total attendance
HEALTH CLINIC	4250	351	929	29154
GOVERNMENT HOSPITAL	1143	76	168	7258
PRIVATE CLINIC	297	15	74	1663
PRIVATE HOSPITAL	27	6	0	185
TOTAL	5717	448	1171	38260