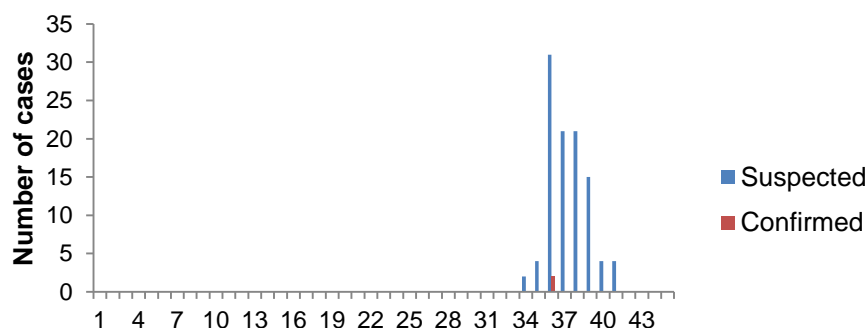


OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 41

No	District	Locality	Disease /event	Number of cases
1	Tangkak	SJKC Ching Mong 2, Tangkak	Food Poisoning	63
2	Muar	SK Pekan Baru, Sg Balang, Muar	Food Poisoning	115
3	Batu Pahat	Universiti Tun Hussein Onn	Food Poisoning	30
4	Johor Bahru	No 3692 Lorong Rambai Kg Sinaran Baru Kempas	Measles	5
5	Johor Bahru	Perkampungan Tanjong Senibong	Food Poisoning	3

Graph 1: Number of suspected and confirmed Zika case in Johor State until epid week 41 , 2016



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

WHO: Zika situational updates until 13th October 2016

73 countries and territories have reported evidence of mosquito-borne Zika virus transmission since 2007 (67 with reports from 2015 onwards), of which:

56 with a reported outbreak from 2015 onwards.

Seven (7) with having possible endemic transmission or evidence of local mosquito-borne Zika infections in 2016.

10 with evidence of local mosquito-borne Zika infections in or before 2015, but without documentation of cases in 2016, or with the outbreak terminated.

Since February 2016, 12 countries have reported evidence of person-to-person transmission of Zika virus

22 countries or territories have reported microcephaly and other CNS malformations potentially associated with Zika virus infection or suggestive of congenital infection.

19 countries and territories have reported an increased incidence of GBS and/or laboratory confirmation of a Zika virus infection among GBS cases. In Guinea-Bissau, the investigation of five reported cases of microcephaly is ongoing.

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

DISEASE		EW 41 2016	EW 41 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	132	458	108	12203	9583(16)
	DENGUE HAEMORRHAGIC FEVER	0	1	0	12	6
4.	DIPHThERIA	0	0	0	0	0
5.	DYSENTERY (all type)	1	1	0	10	6
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	2	1	1	37	70
	FOOD POISONING (case)	146	76	46	1082	1887(2)
8.	GONOCOCCAL INFECTION (all forms)	7	6	5	218	255
9.	HAND,FOOT&MOUTH DISEASE (HFMD)	90	22	23	1907	3509
10.	HIV INFECTION (all forms)	18	34	8	594	505
	HIV DEATH	4	0	0	0	63
11.	LEPROSY	0	0	0	6	6
12.	LEPTOSPIROSIS	7	7	2	269	179(14)
13.	MALARIA	1	2	1	35	29
14.	MEASLES	2	2	0	45	220
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	1	1	86	169(1)
20.	TETANUS (Neonatorum / Adult)	0	0	0	2	1
21.	TUBERCULOSIS (all forms)	51	53	33	1881	1738
	TUBERCULOSIS DEATH	4	0	0	0	38
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	3
	b) Hepatitis B	4(1)	20	3	309	228(6)
	c) Hepatitis C	1	2	2	124	119(3)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	0	0	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)	121	33	706	2173	12100
3	FILARIASIS	0	0	0	15	5
4	INFLUENZA-LIKE ILLNESS (ILI)	729	38	138	4379	34340
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	23	6	0	26	569
6	MELIOIDOSIS	0	0	0	0	14
7	BRUCellosIS	0	0	0	0	7
8	ZIKA	0	0	0	0	0

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	1248	3117	4529	12203	9583(16)
	DENGUE HAEMORRHAGIC FEVER	44	56	28	12	6
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all types)	1	0	1	10	6
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	0	37	44	37	70
	FOOD POISONING (case)	1220	1304	1785	1082	1887(2)
8.	GONOCOCCAL INFECTION (all forms)	196	110	97	218	255
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	2188	1455	1512	1907	3509
10.	HIV INFECTION (all forms)	0	471	499	594	505
	HIV DEATH	0	0	0	0	63
11.	LEPROSY	6	12	8	6	6
12.	LEPTOSPIROSIS	61	43	279	269	179(14)
13.	MALARIA	71	51	33	35	29
14.	MEASLES	0	10	9	45	220
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)	89	35	50	86	169(1)
20.	TETANUS (Neonatorum / Adult)	1	0	1	2	1
21.	TUBERCULOSIS (all forms)	1528	1579	1589	1881	1738
	TUBERCULOSIS DEATH	0	0	0	0	38
22.	TYPHOID & PARATYPHOID FEVER	5	15	11	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	3
	b) Hepatitis B	190	131	151	309	228(6)
	c) Hepatitis C	112	143	107	124	119(3)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	4	1	6	14	10
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	10	12	10
2	ACUTE GASTROENTERITIS (AGE)	30002	29196	24693	2173	12100
3	FILARIASIS	0	0	11	15	5
4	INFLUENZA-LIKE ILLNESS (ILI)	7223	6210	5904	4379	34340
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	385	26	569
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	TG	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	96	6	3	0	6	1	4	1	11	4	132
	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)	1	0	0	0	0	0	0	0	0	0	1
6.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
7.	FOOD POISONING (episode)	0	0	1	0	1	0	0	0	0	0	2
	FOOD POISONING (case)	2	0	114	0	30	0	0	0	0	0	146
8.	GONOCOCCAL INFECTION (all forms)	1	0	0	0	3	0	1	0	1	1	7
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	56	1	4	8	10	1	0	6	4	0	90
10.	HIV INFECTION (all forms)	8	1	0	0	2	1	2	3	1	0	18
	HIV DEATH	3	0	0	0	1	0	0	0	0	0	4
11.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
12.	LEPTOSPIROSIS	1	2	0	0	0	0	1	0	2	1	7
13.	MALARIA	1	0	0	0	0	0	0	0	0	0	1
14.	MEASLES	2	0	0	0	0	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)	4	1	0	1	0	1	0	0	0	0	7
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	34	0	0	0	6	6	0	1	4	0	51
	TUBERCULOSIS DEATH	4	0	0	0	0	0	0	0	0	0	4
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(1)	0	1	0	0	1	0	0	0	0	4(1)
	c) Hepatitis C	0	0	0	0	0	0	1	0	0	0	1
	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)	32	0	0	0	0	0	89	0	0	0	121
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	729										729
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	23										23
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
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	TG	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	7430(15)	454	139(1)	66	242	269	278(1)	133	500	72(1)	9583(18)
	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)	5	1	0	0	0	0	0	0	0	0	6
6.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
7.	FOOD POISONING (episode)	25	14	5	2	6	2	1	3	11	1	70
	FOOD POISONING (case)	430	152(2)	352	28	406	29	247	35	186	22	1887(2)
8.	GONOCOCCAL INFECTION (all forms)	125	23	2	1	67	3	3	7	15	9	255
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	1655	300	236	223	213	400	65	131	201	85	3509
10.	HIV INFECTION (all forms)	309	22	36	7	32	26	21	27	16	9	505
	HIV DEATH	18	1	9	3	7	3	8	7	2	5	63
11.	LEPROSY	4	0	0	0	1	0	0	0	0	1	6
12.	LEPTOSPIROSIS	68(11)	21	19(1)	5	11	3(1)	24	9	12(1)	7	179(14)
13.	MALARIA	5	1	2	1	4	2	1	1	9	3	29
14.	MEASLES	147	13	13	1	12	22	4	4	4	0	220
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)	118(1)	20	8	2	7	6	3	3	0	2	169(1)
20.	TETANUS (Neonatorum / Adult)	1	0	0	0	0	0	0	0	0	0	1
21.	TUBERCULOSIS (all forms)	840	117	110	57	166	146	78	67	118	39	1738
	TUBERCULOSIS DEATH	17	5	3	4	0	3	1	1	4	0	38
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	2	0	0	0	1	0	0	0	0	0	3
	b) Hepatitis B	109(1)	10	31(2)	2	24	8(1)	8	10(1)	24	2(1)	228(6)
	c) Hepatitis C	25(1)	2	11(1)	7(1)	27	15	6	10	15	1	119(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	0	3	1	0	0	0	0	10
2	ACUTE GASTROENTERITIS (AGE)	1961	107	372	531	239 2	1191	2201	584	1737	1024	12100
3	FILARIASIS	0	0	0	0	1	0	0	2	2	0	5
4	INFLUENZA-LIKE ILLNESS (ILI)	34340										34340
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	569										569
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	TG	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	2	0	0	0	0	0	0	0	0	0	2
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)	48	10	4	8	1	18	1	0	5	2	97
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	9	0	2	0	0	0	0	0	0	0	11
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

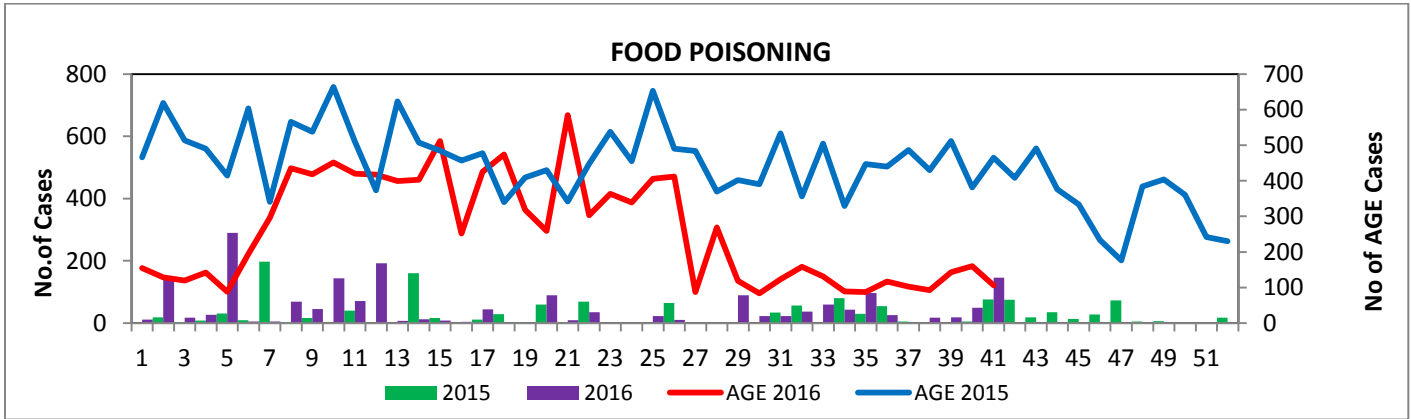
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 41					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	83	107	368	171	729	2976	9523	16723	5118	34340
Total Outpatient Attendances	153	545	2541	1522	4761	17142	49002	87933	42673	196750

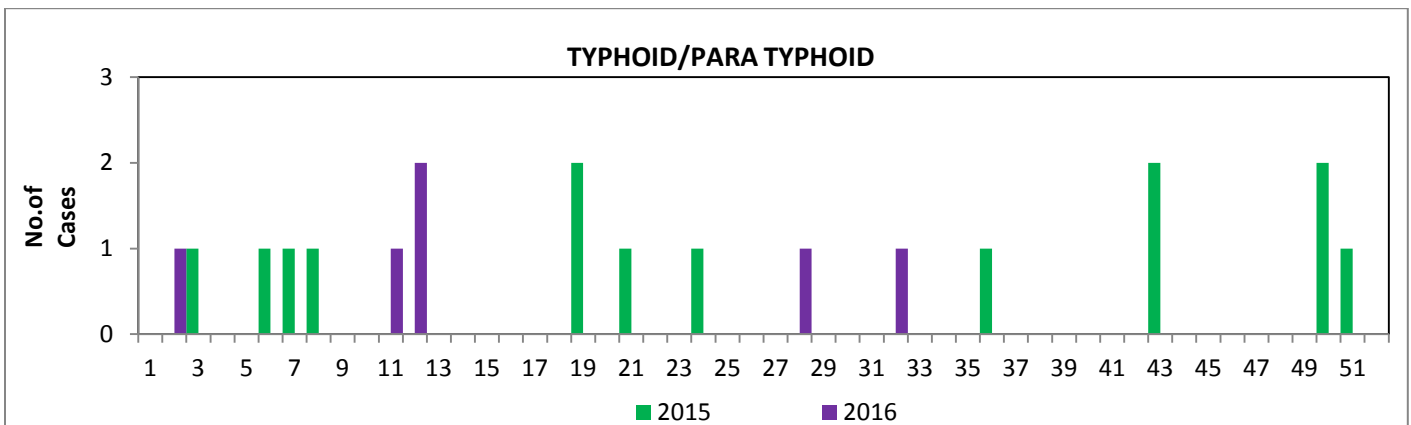
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 41			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)	19	4	23	395	174	569

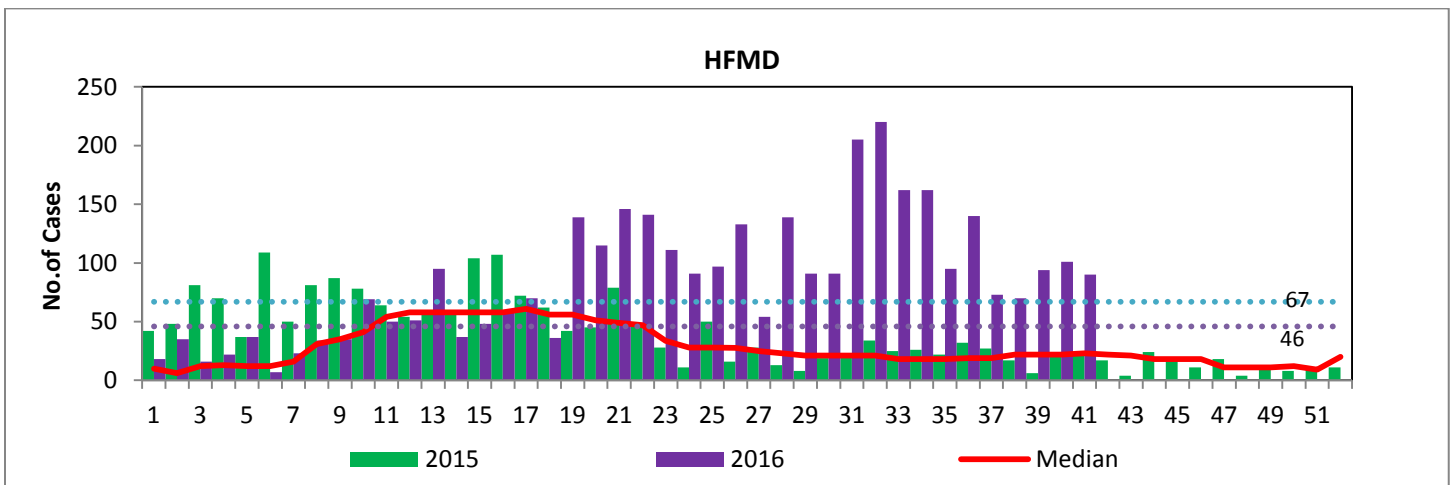
7. WEEKLY CASES OF FOOD POISONING, 2015—2016



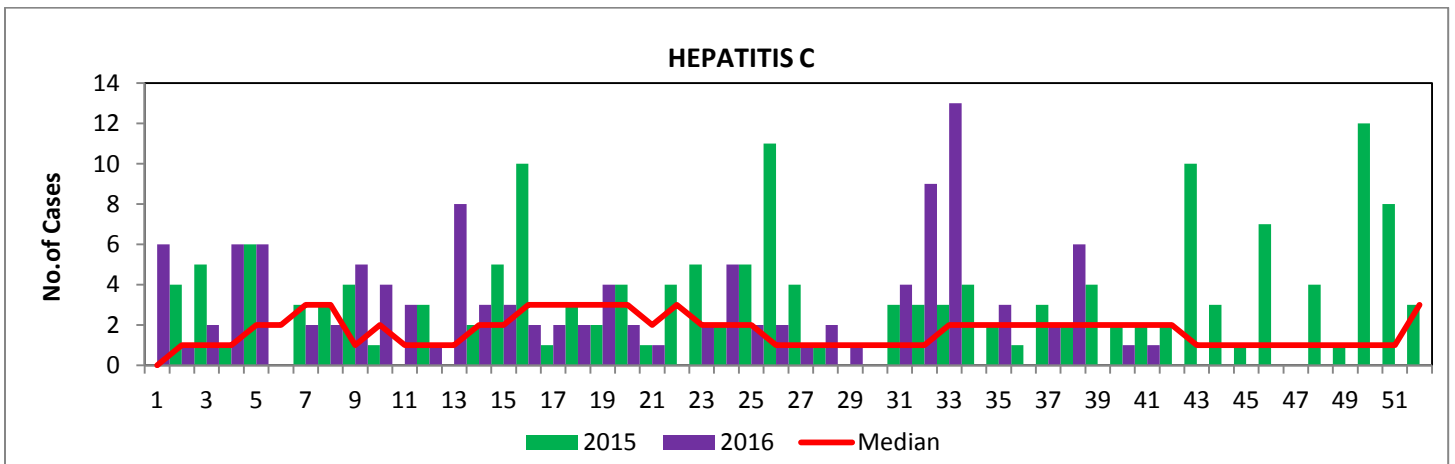
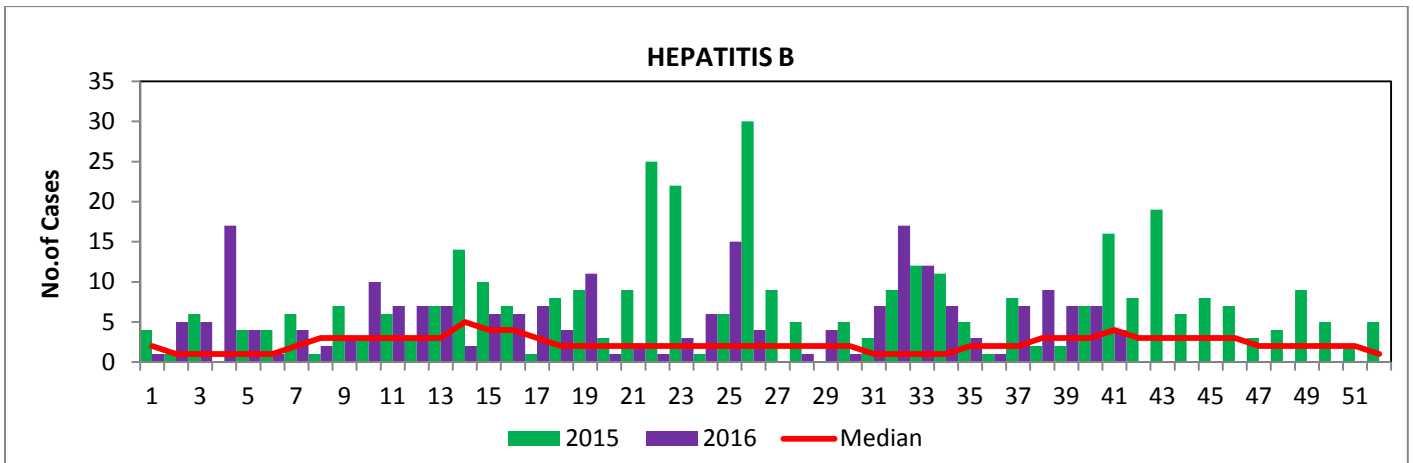
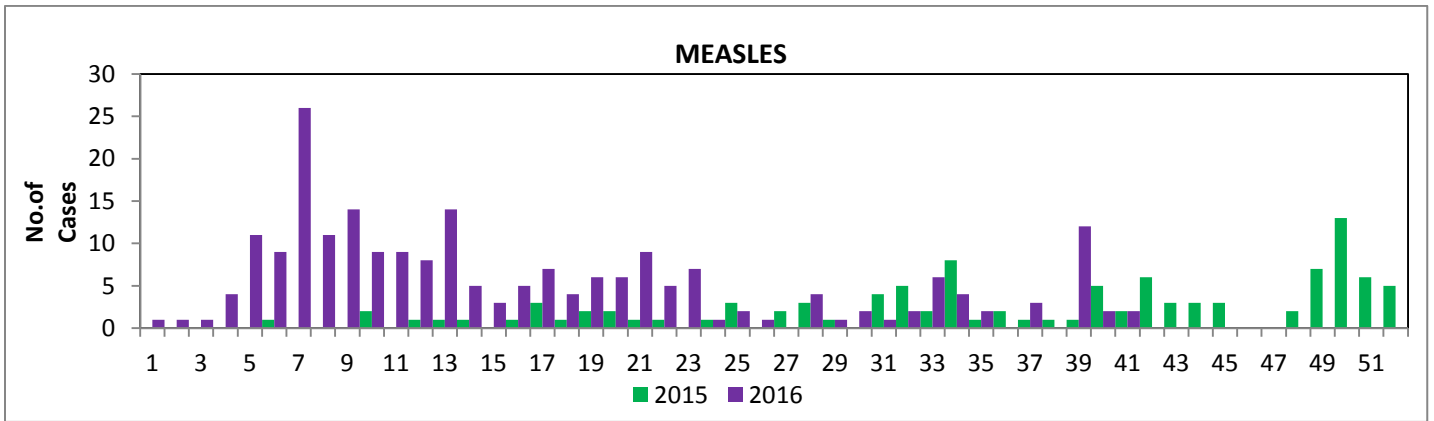
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016



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



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



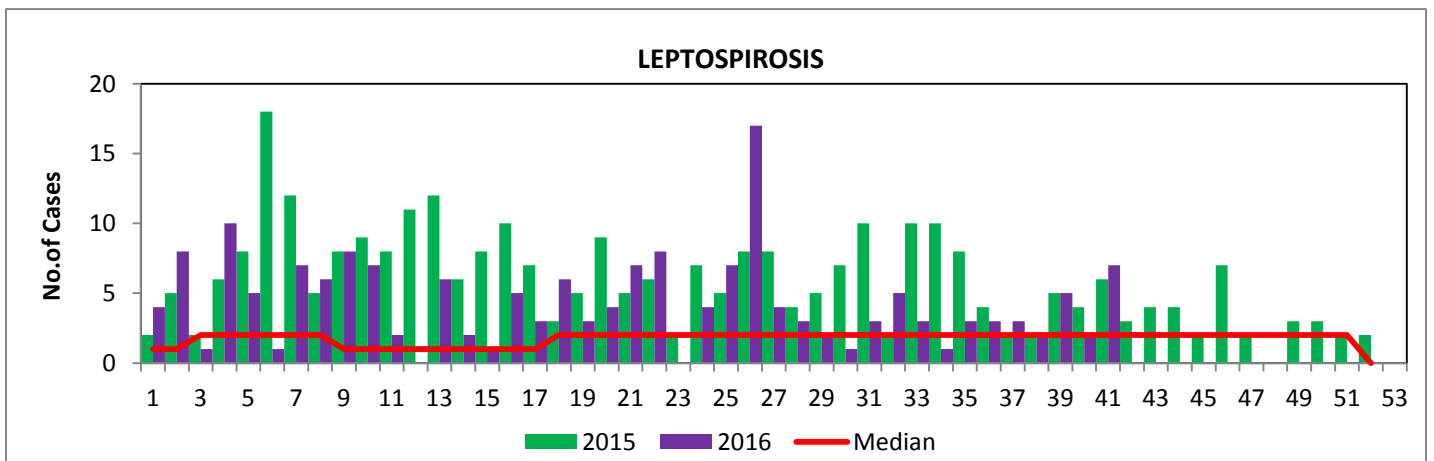
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	8
Epidemiologically confirmed	16
Lab confirmed	196
Discarded	173
Pending	50

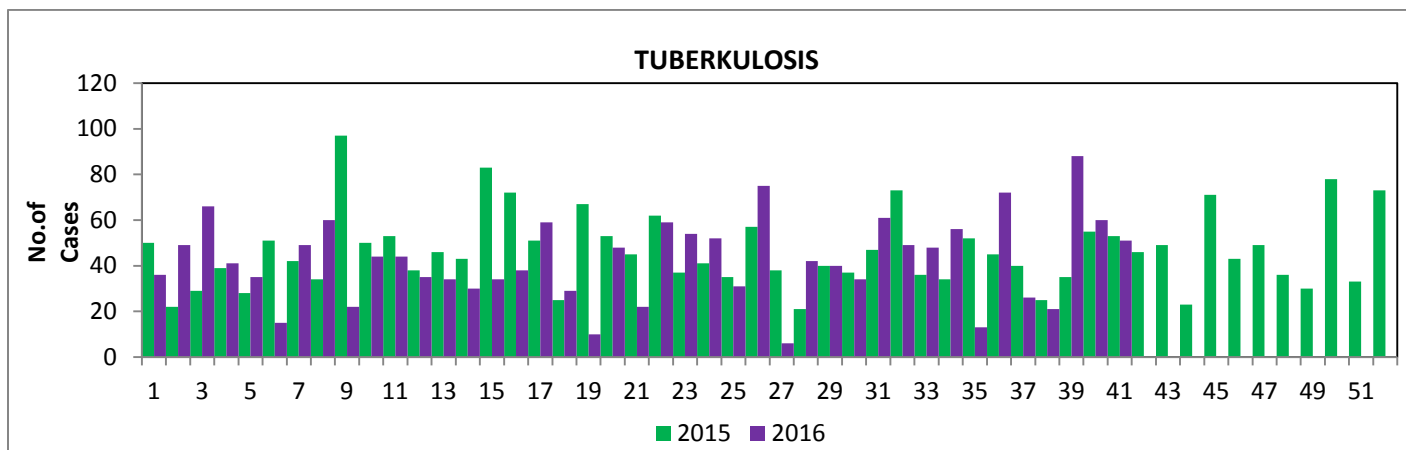
Total notifications	443
Incidence rate	123.3 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	46%	100%
Cases investigated within 48 hours	97%	>80%
Sample taken for confirmation	93%	>80%
Cases classified	89%	100%
Confirmed case with source of infection identified	90%	>80%
Death	0	0

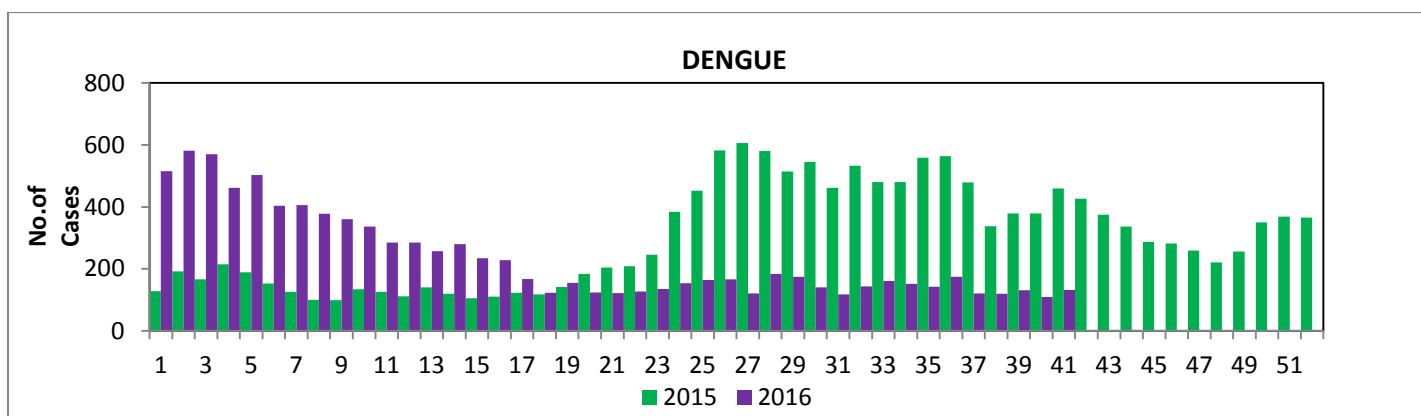
11. LEPTOSPIROSIS



12. TUBERCULOSIS



13. DENGUE

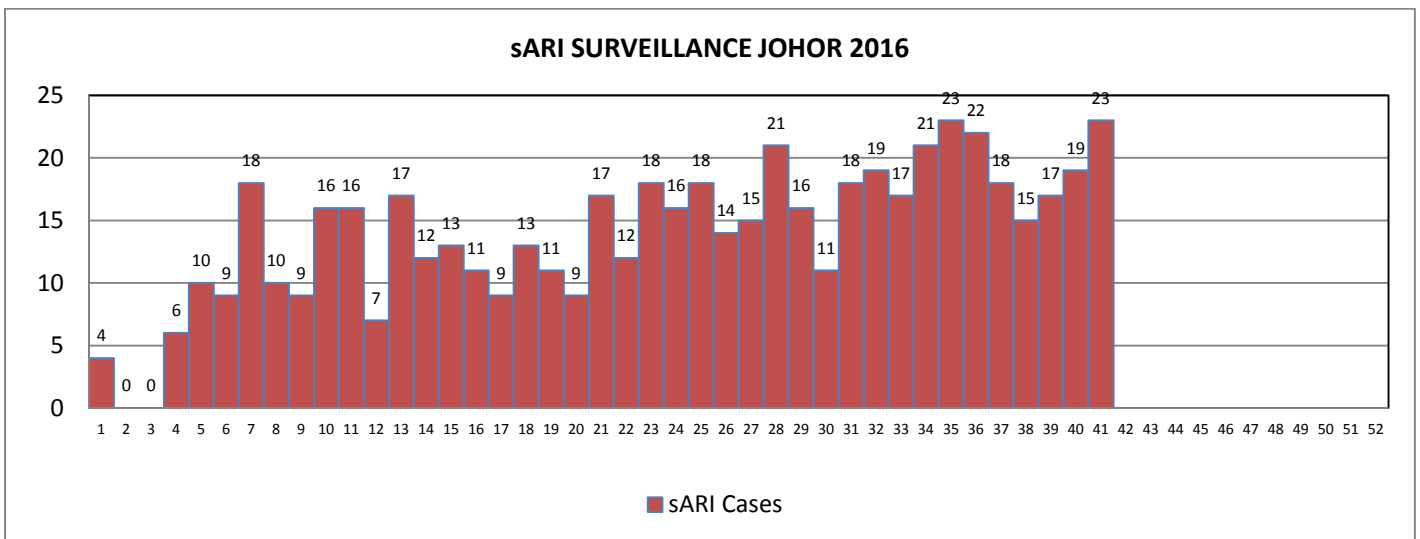
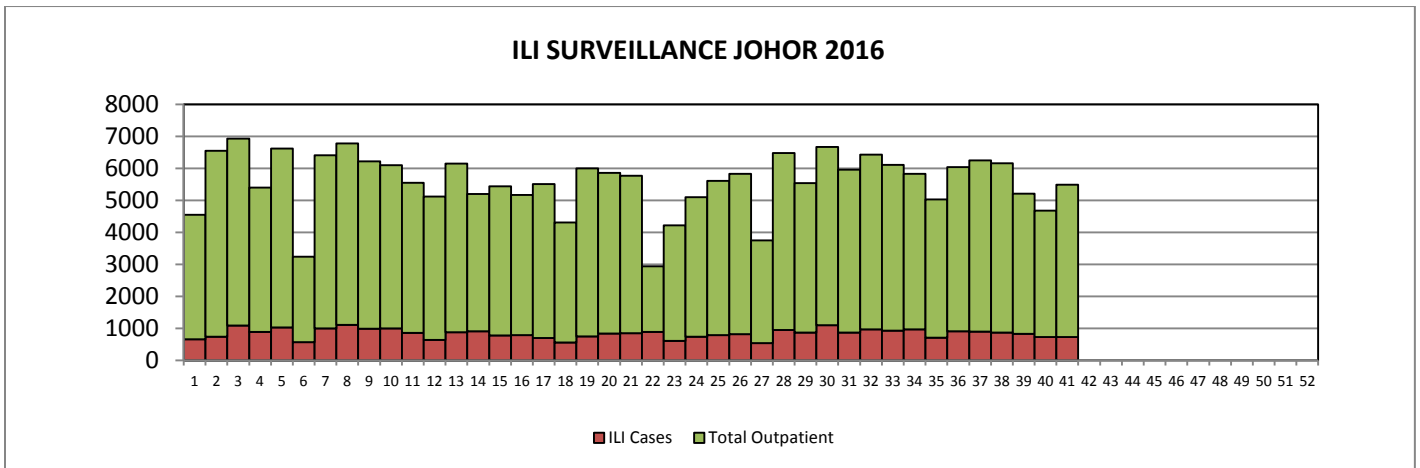
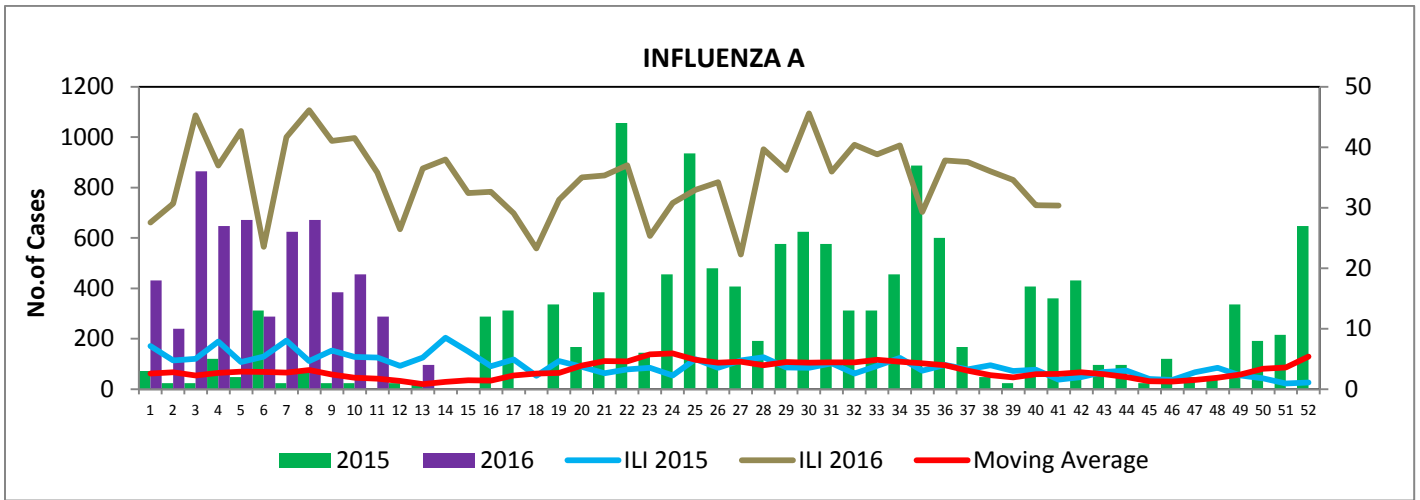


14. LABORATORY BASED SURVEILLANCE

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

Analysis	No. of sample received		No. of positive sample	
	EW 40 2016	Cumulative 2015	EW 40 2016	Cumulative 2015
1 <i>Salmonella typhi</i> / <i>Salmonella spp.</i>	2	39	967	559
2 <i>Yersinia enterocolitica</i>	1	36	696	457
3 <i>Vibrio cholerae</i> / <i>Vibro para</i>	1	36	717	472
4 <i>Plesiomonas shigelloides</i> / <i>spp</i>	1	36	696	457
5 <i>Enteropathogenic E.coli</i> (<i>EPEC</i> , <i>EHEC</i>)	1	36	696	457
6 <i>Aeromonas hydrophilia</i> / <i>spp</i>	1	36	696	457
7 <i>Shigella spp.</i>	1	36	696	457
8 <i>Bacillus cereus</i> (positive enterotoxin)	1	36	696	457
9 <i>Staphylococcus aureus</i> (positive enterotoxin)	1	36	696	457
10 <i>Campylobacter jejuni</i> / <i>coli</i> / <i>spp</i>	1	36	696	457

15. INFLUENZA SURVEILLANCE



16. FEVER & RASHES SURVEILLANCE

FEVER & RASHES SURVEILLANCE (BY DISTRICT)-EW 41

DISTRICT	Fever	Rash	Fever and rash	Total attendance
JOHOR BAHRU	727	18	460	5117
KULAI	0	0	0	0
MUAR	1885	185	0	8146
TANGKAK	655	27	0	3589
BATU PAHAT	861	63	137	13874
KLUANG	806	38	9	6172
SEGAMAT	181	0	1	1016
PONTIAN	709	45	196	6334
KOTA TINGGI	1340	30	7	8577
MERSING	87	0	16	547
TOTAL	7251	406	826	53372

FEVER & RASHES SURVEILLANCE (BY FACILITY)-EW 41

FACILITIES	Fever	Rash	Fever and rash	Total attendance
HEALTH CLINIC	5180	320	612	39911
GOVERNMENT HOSPITAL	1431	77	69	9382
PRIVATE CLINIC	605	7	140	3676
PRIVATE HOSPITAL	35	2	5	403
TOTAL	7251	406	826	53372