

OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 42

No	District	Locality	Disease /event	Number of cases
1	JOHOR BAHRU	Madrasah tahfiz Az Zahra Kpg Ladang Gelang Patah	Food Poisoning	32

WHO ZIKA SITUATION REPORT, 20 OCTOBER 2016

KEY UPDATES

i. Countries and territories reporting mosquito-borne Zika virus infections for the first time in the past week: None

ii. Countries and territories reporting microcephaly and other central nervous system (CNS) malformations potentially associated with Zika virus infection for the first time in the past week: Grenada

iii. Countries and territories reporting Guillain-Barré syndrome (GBS) cases associated with Zika virus infection for the first time in the past week: None

iv. The Ministry of Health of Viet Nam has reported a case of microcephaly, for which testing is underway to determine the cause.

v. 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.
- Eight with having possible endemic transmission or evidence of local mosquito-borne Zika infections in 2016.

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

WHO YELLOW FEVER SITUATION REPORT, 21 OCTOBER 2016

KEY UPDATES

Angola epidemiological update (as of 13 October):

- The last confirmed case had symptom onset on 23 June.
- 45 probable cases were reported in the last 4 weeks
- Phase II of the vaccination campaign is ongoing, targeting more than 2 million people in 10 provinces.

Democratic Republic of the Congo epidemiological update (as of 19 October):

- The last confirmed non-sylvatic case had symptom onset on 12 July.
- 16 probable cases remain under investigation (4 in Kinshasa, 8 in Kwango, and 1 case each in Bas Uele, Kwilu, Lualaba and Sud Ubangi provinces).
- The reactive vaccination campaign in Feshi Health Zone in Kwango province concluded after 152,492 people were vaccinated. The reactive campaign in Mushenge Health Zone in Kasai province began on 20 October.

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

DISEASE		EW 42 2016	EW 42 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	123	426	123	12629	9706(18)
	DENGUE HAEMORRHAGIC FEVER	0	0	1	12	6
4.	DIPHThERIA	0	0	0	0	0
5.	DYSENTERY (all type)	0	0	0	10	6
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	1	1	1	38	71
	FOOD POISONING (case)	71	75	35	1157	1958(2)
8.	GONOCOCCAL INFECTION (all forms)	7	9	4	227	262
9.	HAND,FOOT&MOUTH DISEASE (HFMD)	47	17	22	1924	3556
10.	HIV INFECTION (all forms)	4	12	8	606	509
	HIV DEATH	3	0	0	0	66
11.	LEPROSY	0	0	0	6	6
12.	LEPTOSPIROSIS	2	4	2	273	181(14)
13.	MALARIA	0	0	1	35	32
14.	MEASLES	2	5	0	50	228
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	9	1	95	170(1)
20.	TETANUS (Neonatorum / Adult)	0	0	0	2	1
21.	TUBERCULOSIS (all forms)	31	46	30	1927	1769
	TUBERCULOSIS DEATH	0	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	2	12	4	321	230(6)
	c) Hepatitis C	2	2	2	126	121(3)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	0	1	0	15	10
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	1	12
2	ACUTE GASTROENTERITIS (AGE)	95	49	668	2222	12195
3	FILARIASIS	0	0	0	15	7
4	INFLUENZA-LIKE ILLNESS (ILI)	861	48	138	4427	35201
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	21	2	0	28	590
6	MELIOIDOSIS	0	0	0	0	14
7	BRUCELLOSIS	0	0	0	0	7
8	ZIKA	0	NA	NA	NA	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	1275	3261	4691	12629	9706(18)
	DENGUE HAEMORRHAGIC FEVER	46	59	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	47	38	71
	FOOD POISONING (case)	1252	1304	1956	1157	1958(2)
8.	GONOCOCCAL INFECTION (all forms)	199	110	103	227	262
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	2211	1480	1576	1924	3556
10.	HIV INFECTION (all forms)	0	474	500	606	509
	HIV DEATH	0	0	0	0	66
11.	LEPROSY	6	12	8	6	6
12.	LEPTOSPIROSIS	61	43	308	273	181(14)
13.	MALARIA	78	51	36	35	32
14.	MEASLES	0	10	9	50	228
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)	94	36	50	95	170(1)
20.	TETANUS (Neonatorum / Adult)	1	0	1	2	1
21.	TUBERCULOSIS (all forms)	1561	1609	1607	1927	1769
	TUBERCULOSIS DEATH	0	0	0	0	38
22.	TYPHOID & PARATYPHOID FEVER	8	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	193	132	160	321	230(6)
	c) Hepatitis C	117	143	108	126	121(3)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	4	2	6	15	10
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	12	1	12
2	ACUTE GASTROENTERITIS (AGE)	30706	29837	25506	2222	12195
3	FILARIASIS	0	0	11	15	7
4	INFLUENZA-LIKE ILLNESS (ILI)	7386	6376	6056	4427	35201
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	385	28	590
6	MELIOIDOSIS	0	0	0	0	14
7	BRUCELLOSIS	0	0	0	0	7
8	ZIKA	NA	NA	NA	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	90	4	5	5	2	9	1	3	2	2	123
	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	0	1	0	0	0	0	0	0	1
	FOOD POISONING (case)	0	0	1	70	0	0	0	0	0	0	71
8.	GONOCOCCAL INFECTION (all forms)	2	1	0	0	2	0	2	0	0	0	7
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	27	9	0	1	0	4	0	3	2	1	47
10.	HIV INFECTION (all forms)	0	0	0	0	1	2	0	1	0	0	4
	HIV DEATH	0	0	0	0	0	2	0	1	0	0	3
11.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
12.	LEPTOSPIROSIS	2	0	0	0	0	0	0	0	0	0	2
13.	MALARIA	0	0	0	0	0	0	0	0	0	0	0
14.	MEASLES	1	0	1	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)	0	0	0	0	0	0	0	0	0	1	1
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	12	3	1	0	10	0	0	2	2	1	31
	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	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	0	1	0	0	0	0	0	0	0	1	2
	c) Hepatitis C	0	0	0	0	0	0	0	0	2	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)	24	0	0	0	0	0	40	0	0	31	95
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	861	0	0	0	0	0	0	0	0	0	861
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	21	0	0	0	0	0	0	0	0	0	21
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	7520(15)	458	144(1)	71	244	278	279(1)	136	502	74(1)	9706(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	3	6	2	1	3	11	1	71
	FOOD POISONING (case)	430	152(2)	353	98	406	29	247	35	186	22	1958(2)
8.	GONOCOCCAL INFECTION (all forms)	127	24	2	1	69	3	5	7	15	9	262
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	1682	309	236	224	213	404	65	134	203	86	3556
10.	HIV INFECTION (all forms)	309	22	36	7	33	28	21	28	16	9	509
	HIV DEATH	18	1	9	3	7	5	8	8	2	5	66
11.	LEPROSY	4	0	0	0	1	0	0	0	0	1	6
12.	LEPTOSPIROSIS	70(11)	21	19(1)	5	11	3(1)	24	9	12(1)	7	181(14)
13.	MALARIA	8	1	2	1	4	2	1	1	9	3	32
14.	MEASLES	152	13	17	1	12	22	4	4	3	0	228
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	3	170(1)
20.	TETANUS (Neonatorum / Adult)	1	0	0	0	0	0	0	0	0	0	1
21.	TUBERCULOSIS (all forms)	852	120	111	57	176	146	78	69	120	40	1769
	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)	11	31(2)	2	24	8(1)	8	10(1)	24	3(1)	230(6)
	c) Hepatitis C	25(1)	2	11(1)	7(1)	27	15	6	10	17	1	121(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)	5	0	2	0	5	0	0	0	0	0	12
2	ACUTE GASTROENTERITIS (AGE)	1985	107	372	531	2392	1191	2241	584	1737	1055	12195
3	FILARIASIS	0	0	0	1	1	0	0	2	3	0	7
4	INFLUENZA-LIKE ILLNESS (ILI)	35201	0	0	0	0	0	0	0	0	0	35201
5	SEVERE ACUTE RESPIRATORY INFECTION (SARI)	590	0	0	0	0	0	0	0	0	0	590
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	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	25	14	4	2	5	2	1	3	10	1	67
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

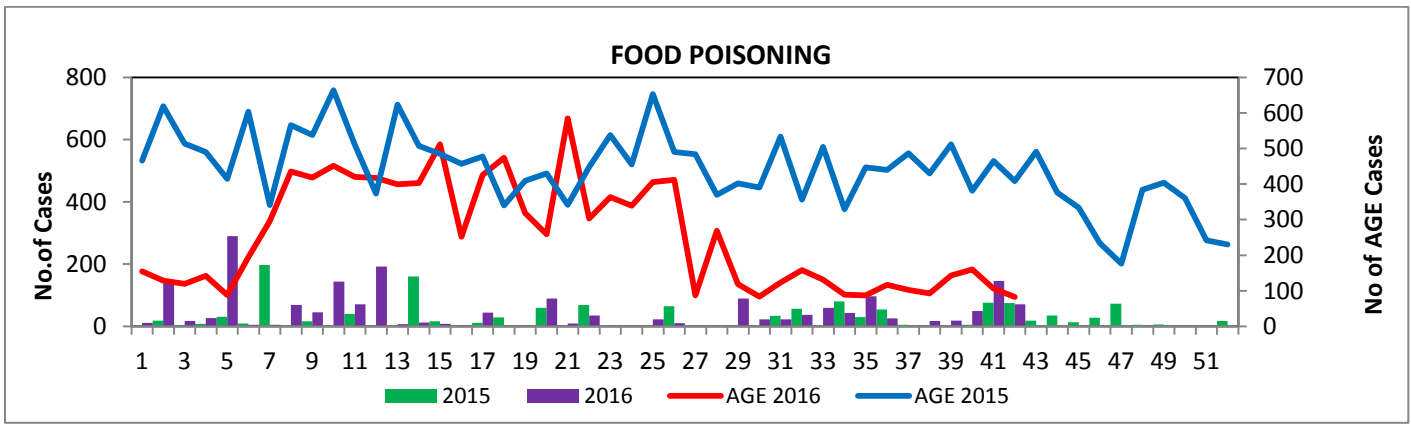
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 42					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	65	183	419	194	861	3041	9706	17142	5312	35201
Total Outpatient Attendances	279	613	2312	1256	4460	17421	49615	90245	43929	201210

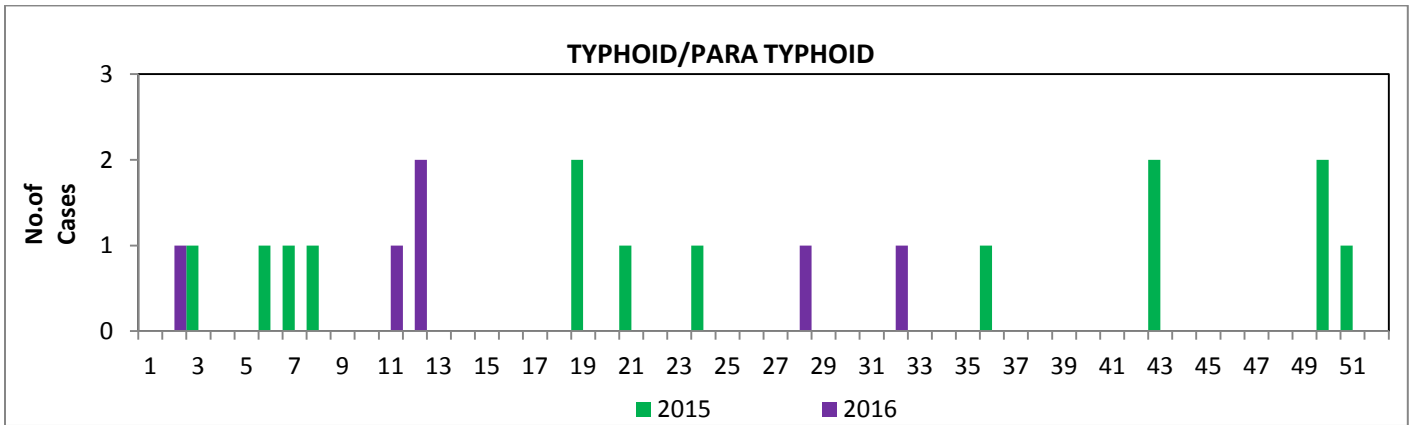
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 42			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)	18	3	21	413	177	590

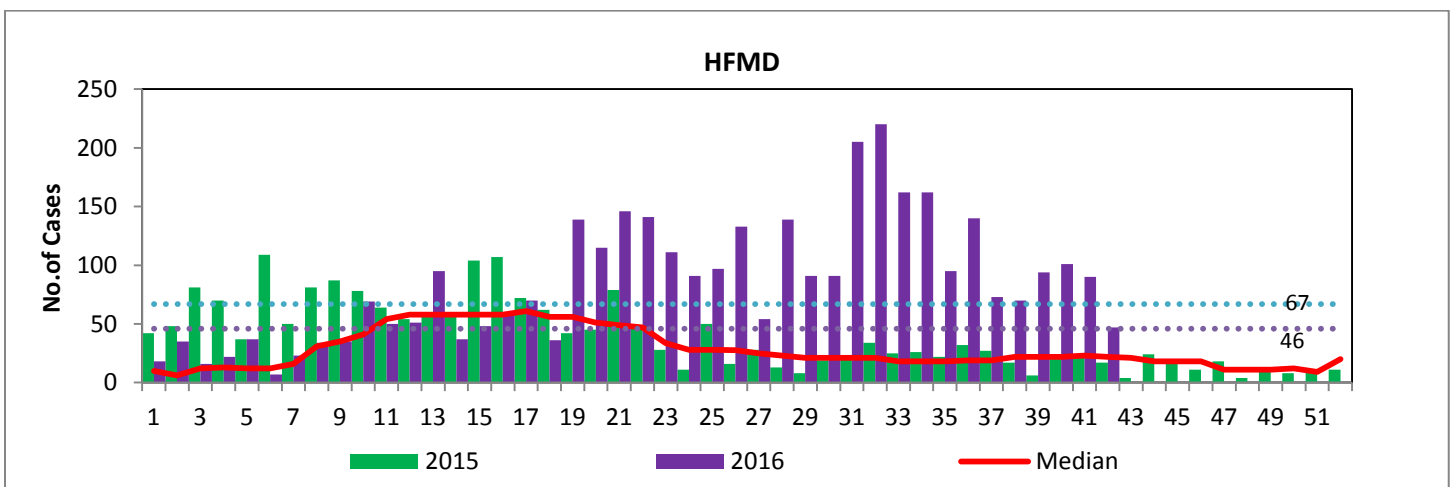
7. WEEKLY CASES OF FOOD POISONING, 2015—2016



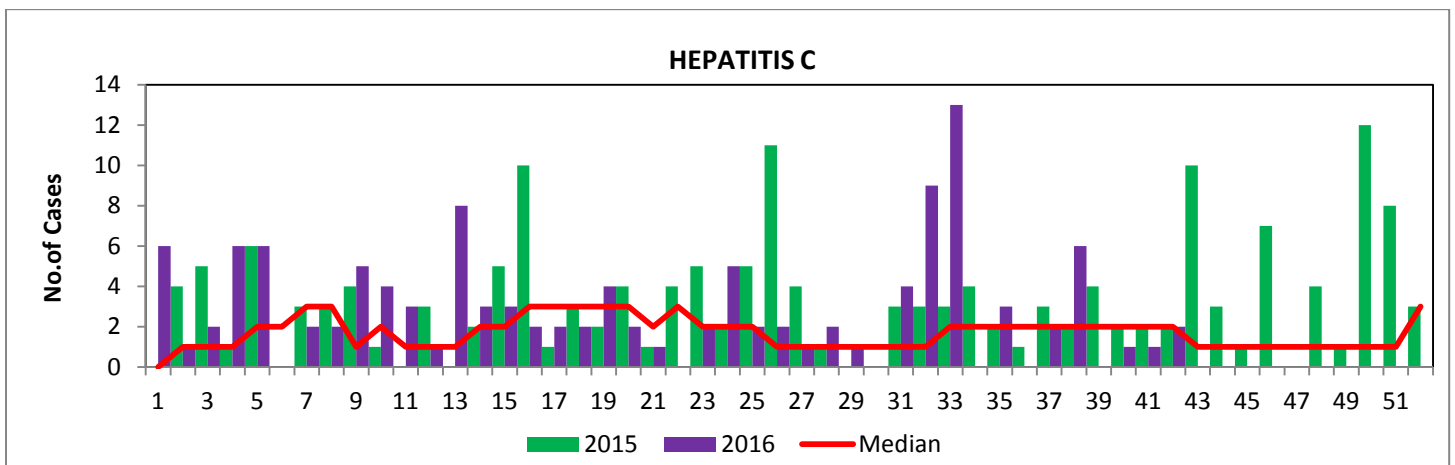
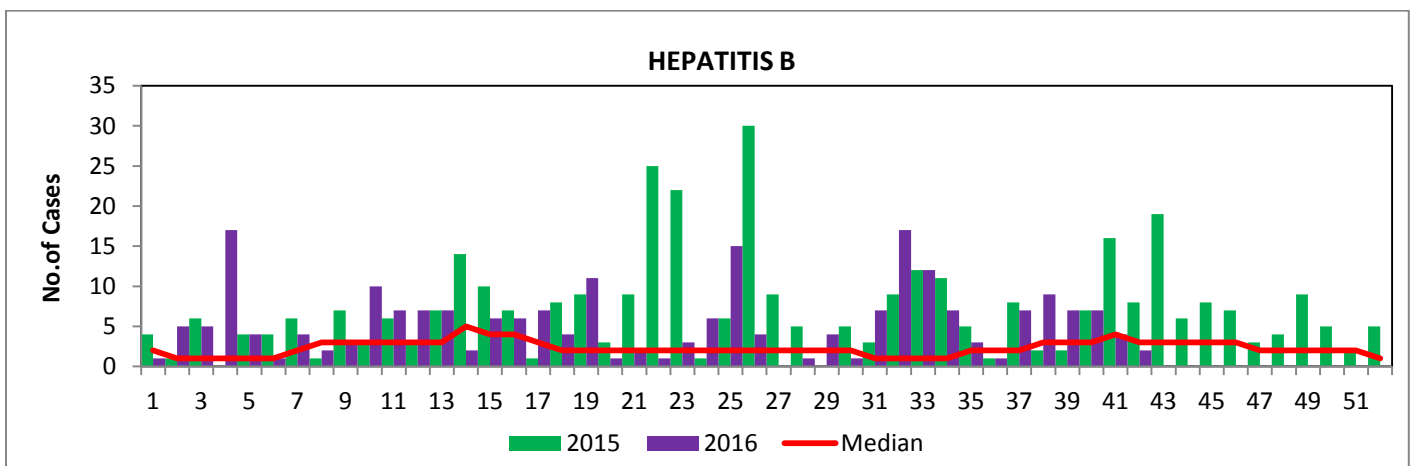
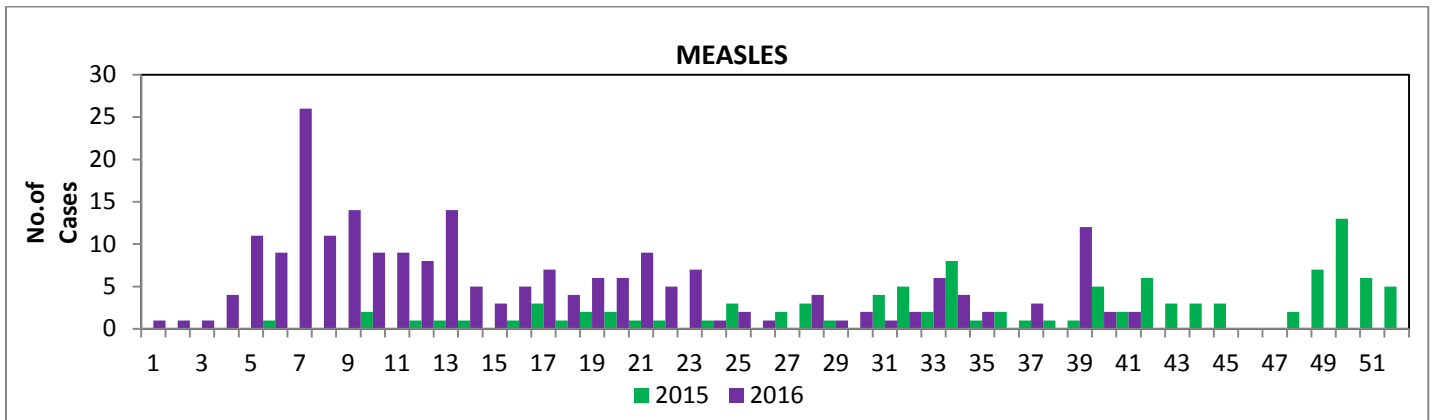
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016



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



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



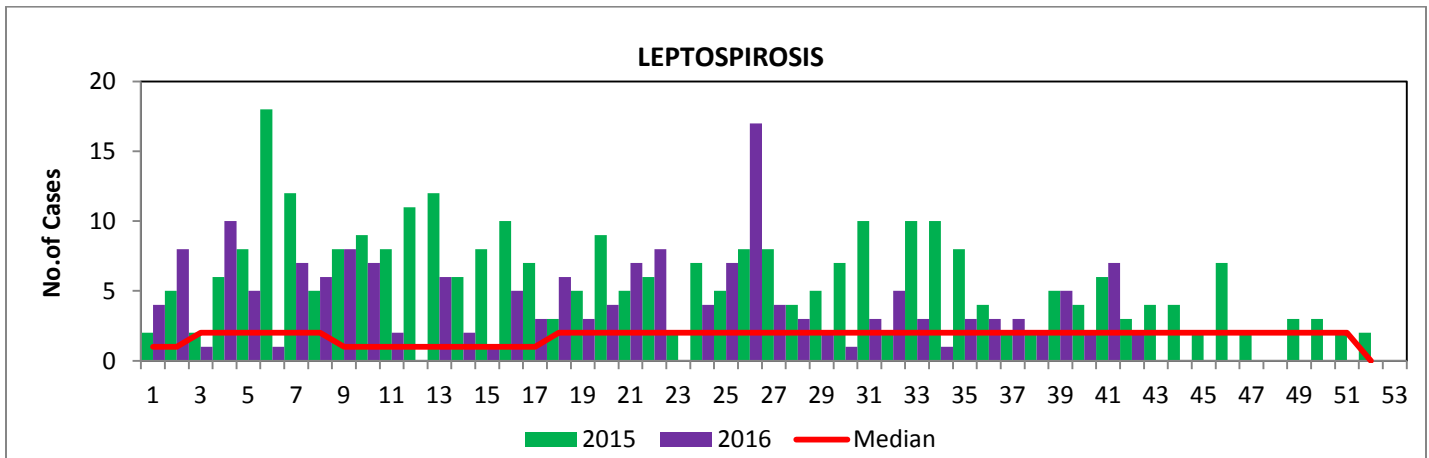
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	7
Epidemiologically confirmed	16
Lab confirmed	205
Discarded	180
Pending	43

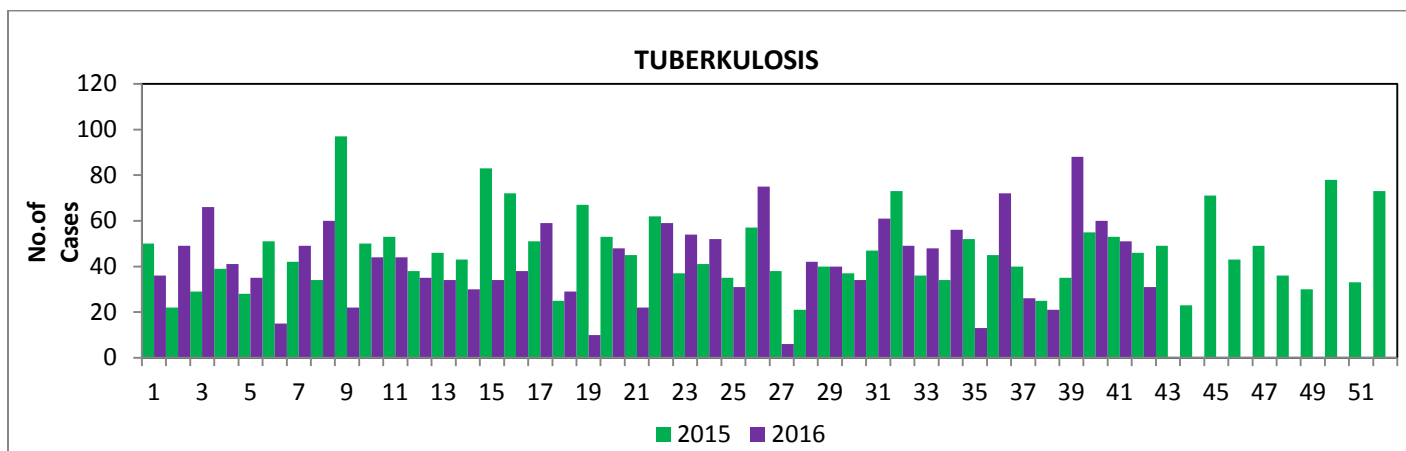
Total notifications	451
Incidence rate	125.6 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	47%	100%
Cases investigated within 48 hours	98%	>80%
Sample taken for confirmation	94%	>80%
Cases classified	90%	100%
Confirmed case with source of infection identified	91%	>80%
Death	0	0

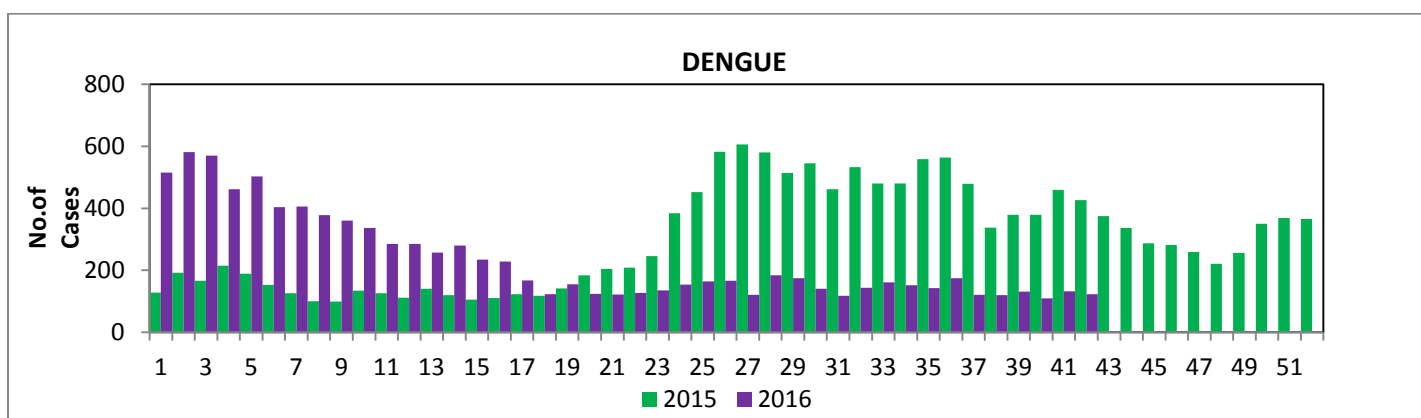
11. LEPTOSPIROSIS



12. TUBERCULOSIS



13. DENGUE

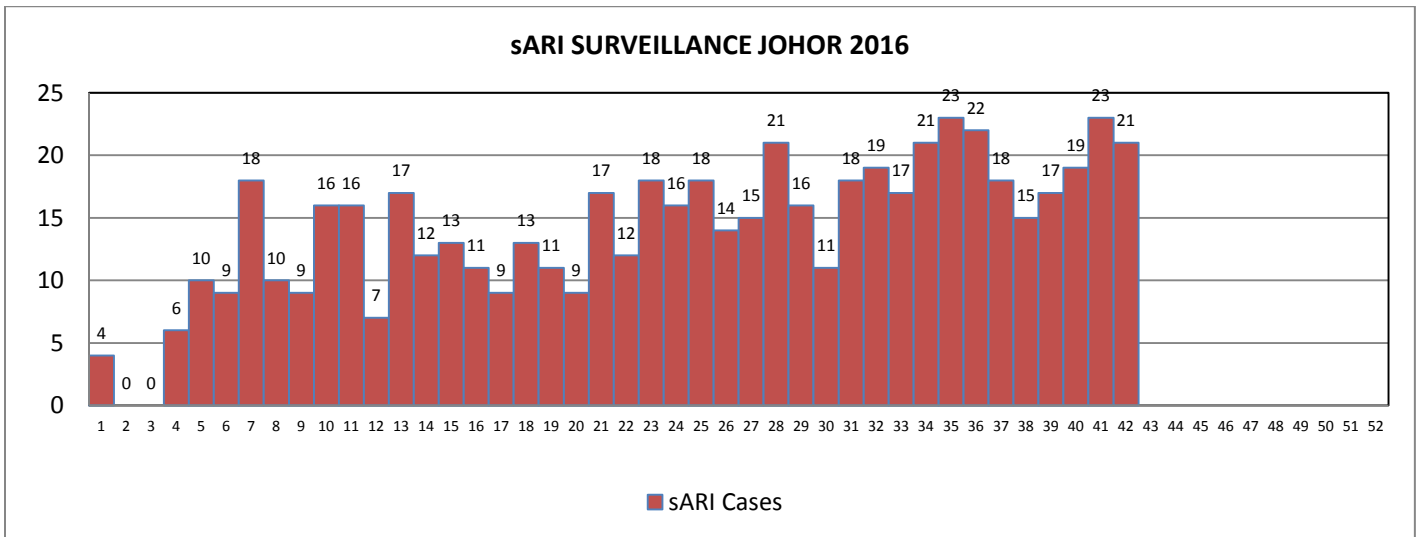
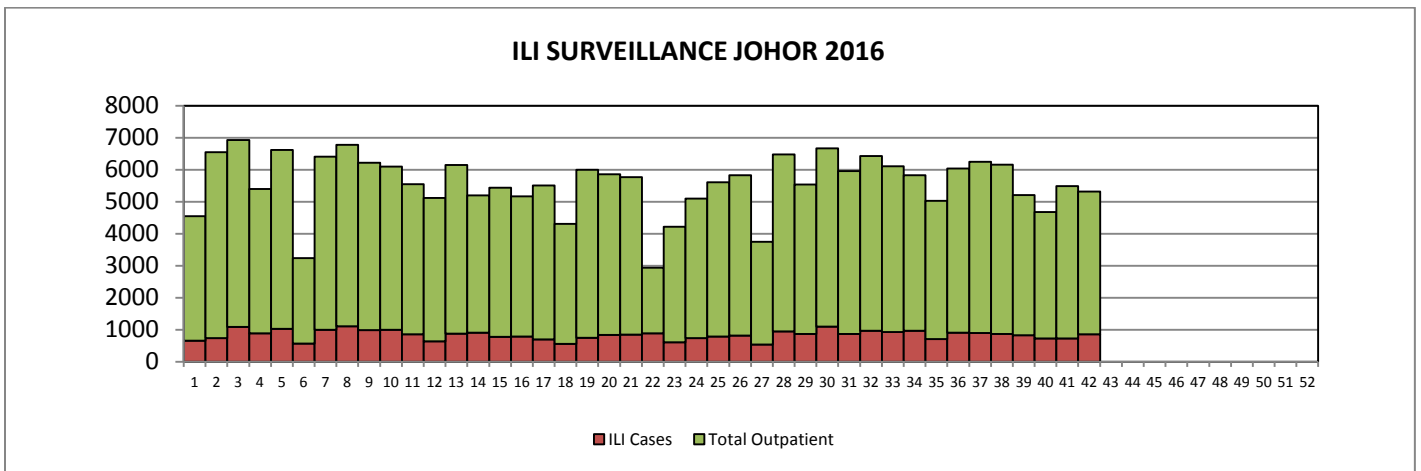
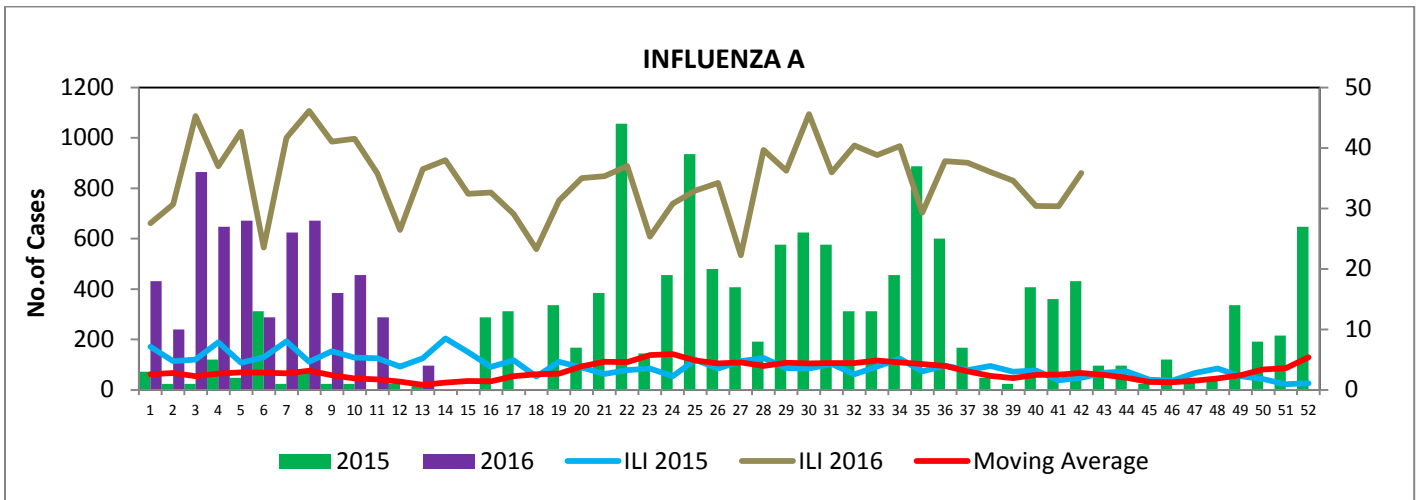


14. LABORATORY BASED SURVEILLANCE

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

Analysis	No. of sample received		No. of positive sample	
	EW 42 2016	Cumulative 2015	EW 42 2016	Cumulative 2015
1 <i>Salmonella typhi/Salmonella spp.</i>	0	39	967	559
2 <i>Yersinia enterocolitica</i>	0	36	696	457
3 <i>Vibrio cholerae/Vibro para</i>	0	36	717	472
4 <i>Plesiomonas shigelloides/spp</i>	0	36	696	457
5 <i>Enteropathogenic E.coli (EPEC,EHEC)</i>	0	36	696	457
6 <i>Aeromonas hydrophilia/spp</i>	0	36	696	457
7 <i>Shigella spp.</i>	0	36	696	457
8 <i>Bacillus cereus (positive enterotoxin)</i>	0	36	696	457
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	0	36	696	457
10 <i>Campylobacter jejuni/coli/spp</i>	0	36	696	457

15. INFLUENZA SURVEILLANCE



16. FEVER & RASHES SURVEILLANCE

FEVER & RASHES SURVEILLANCE (BY DISTRICT)-EW 42

DISTRICT	Fever	Rash	Fever and rash	Total attendance
JOHOR BAHRU	0	0	0	0
KULAI	0	0	0	0
MUAR	2122	328	0	10209
TANGKAK	709	15	0	3881
BATU PAHAT	843	41	17	13033
KLUANG	518	26	62	5172
SEGAMAT	164	0	0	1049
PONTIAN	582	48	154	6274
KOTA TINGGI	1325	57	3	8331
MERSING	425	2	100	2046
TOTAL	6688	517	336	49995

FEVER & RASHES SURVEILLANCE (BY FACILITY)-EW 42

FACILITIES	Fever	Rash	Fever and rash	Total attendance
HEALTH CLINIC	4842	444	273	37694
GOVERNMENT HOSPITAL	1232	62	45	8710
PRIVATE CLINIC	588	9	18	3320
PRIVATE HOSPITAL	26	2	0	271
TOTAL	6688	517	336	49995