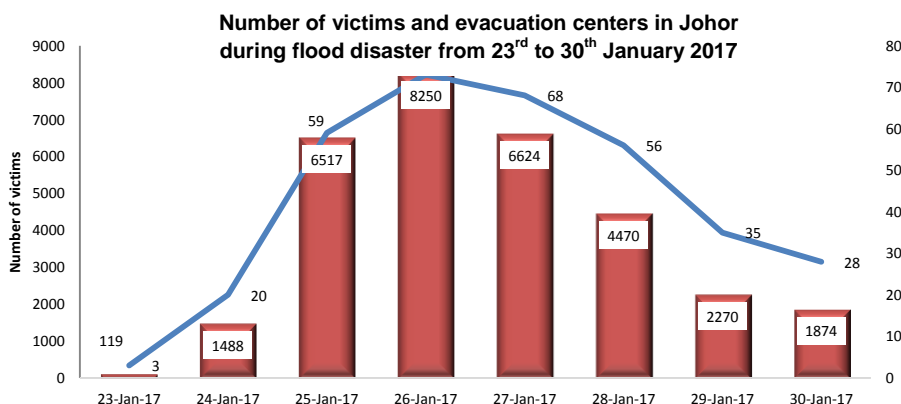


OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 04

No	District	Locality	Disease /event	Number of cases
1	Kluang	Pra Sekolah SK.Sir Ibrahim Kem 5 RAMD	HFMD	2
2	Johor Bahru	SK.Tasek Utara	Food Poisoning	22
3	Kulaijaya	Tmn.Pancasila, Senai	Food Poisoning	4
4	Johor Bahru	SK.Larkin 1	Food Poisoning	23
5	Kluang	Taska Kembara Intelek, Tmn Sri Kluang	HFMD	3
6	Segamat	Tmn.Indah, Bukit Siput,	Typhoid	1
7	Kluang	Kg.Melayu Jln Keembong	HFMD	4
8	Kulai	Tmn.Puteri_Blok Cengal	Food	2



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Hepatitis E – Chad

From 1 September 2016 until 13 January 2017, a total of 693 cases including 11 deaths of acute jaundice syndrome (AJS) have been reported from Am Timan, Chad.

Of the 50 patients with AJS who were hospitalized, 48 were tested for Hepatitis E using the Hepatitis E virus rapid diagnostic test (HEV RDT) and 27 (56.3%) tested positive. In total, at the end of epidemiological week 2, 2017, a total of 126 HEV RDT have been performed, of them 57 (45.2%) were positive, while 69 (54.8%) tested negative for Hepatitis E. 18 (31.6%) of the 57 patients that tested positive using the HEV RDT also had a positive malaria test, and 20 (29%) out of 69 patients that tested negative using the HEV RDT also had a positive malaria test. Since September 2016, 11 deaths have been reported among the hospitalized cases but the total case fatality might be underestimated.

As of 13 January 2017, 16 pregnant women presenting with AJS have been hospitalized and tested for Hepatitis E, 12 (75%) of them tested positive using the HEV RDT. Of the pregnant women presenting with AJS, four have reportedly died (three had tested positive for Hepatitis E).

Approximately 90% of the AJS cases were reported from Am Timan which appears to be the epi-centre of the ongoing outbreak, and most of the cases are identified through active case findings. As of 13 January 2017, AJS cases have been reported from 59 different quarters in and surrounding Am Timan-WHO

1. COMMUNICABLE DISEASES FOR CURRENT WEEK, 2016 AND 2017, JOHORE STATE

DISEASE		EW 04/2017	EW 04/2016	MEDIAN	CUMULATIVE 2016	CUMULATIVE 2017
NOTIFIABLE DISEASES						
1.	AVIAN INFLUENZA	0	NA	NA	NA	0
2.	CHANCROID	0	0	0	0	0
3.	CHOLERA	0	0	0	0	0
4.	DENGUE FEVER	109	461	173	2125	521(2)
	DENGUE HAEMORRHAGIC FEVER	0	0	1	2	1
5.	DIPHTHERIA	0	0	0	0	0
6.	DYSENTERY (all type)	0	0	0	0	1
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	2	1	1	5	7
	FOOD POISONING (case)	29	27	27	197	75
9.	GONOCOCCAL INFECTION (all forms)	9	2	3	18	26
10.	HAND,FOOT&MOUTH DISEASE (HFMD)	93	22	22	91	253
11.	HIV INFECTION (all forms)	14	9	9	52	50
	HIV DEATH	0	2	0	5	0
12.	LEPROSY	0	0	0	0	1
13.	LEPTOSPIROSIS	3	11	3	24	12
14.	MALARIA	4	0	0	3	6
15.	MEASLES	3	4	0	9	6
16.	MERSCoV	0	NA	NA	NA	0
17.	PLAGUE	0	0	0	0	0
18.	ACUTE POLIOMYELITIS	0	0	0	0	0
19.	RABIES	0	0	0	0	0
20.	RELAPSING FEVER	0	0	0	0	0
21.	SYPHILIS (all forms)	5	4	3	15	18
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	50	41	39	192	124
	TUBERCULOSIS DEATH	0	1	0	2	1
24.	TYPHOID & PARATYPHOID FEVER	1	0	0	1	1
25.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
26.	VIRAL ENCEPHALITIS	0	0	0	0	0
27.	VIRAL HEPATITIS					
	a) Hepatitis A	0	1	0	2	0
	b) Hepatitis B	12	17	4	28	32
	c) Hepatitis C	2	6	3	15	16
	d) Other Hepatitis	0	0	0	0	0
28.	PERTUSSIS	0	0	0	2	0
29.	YELLOW FEVER	0	0	0	0	0
1	ACUTE FLACCID PARALYSIS (AFP)	0	1	0	2	0
2	ACUTE GASTROENTERITIS (AGE)	107	162	569	652	407
3	FILARIASIS	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	641	887	189	3372	2435
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	13	6	0	10	53
6	MELIOIDOSIS	0	0	0	2	0
7	BRUCELLOSIS	0	0	0	1	0
8	ZIKA	0	0	NA	0	0

2. COMMUNICABLE DISEASES 2013 – 2017, JOHORE STATE

DISEASE		2013	2014	2015	2016	2017
NOTIFIABLE DISEASES						
1.	AVIAN INFLUENZA	NA	NA	NA	NA	0
2.	CHANCROID	0	0	0	0	0
3.	CHOLERA	0	0	0	0	0
4.	DENGUE FEVER	201	590	700	2125	521(2)
	DENGUE HAEMORRHAGIC FEVER	9	1	1	2	1
5.	DIPHTHERIA	0	0	0	0	0
6.	DYSENTERY (all types)	0	0	1	0	1
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	5	1	3	5	7
	FOOD POISONING (case)	277	3	29	197	75
9.	GONOCOCCAL INFECTION (all forms)	6	3	18	18	26
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	58	47	241	91	253
11.	HIV INFECTION (all forms)	73	52	44	52	50
	HIV DEATH	0	0	0	5	0
12.	LEPROSY	0	1	0	0	1
13.	LEPTOSPIROSIS	4	5	10	24	12
14.	MALARIA	6	0	1	3	6
15.	MEASLES	1	0	0	9	6
16.	MERSCoV	NA	NA	NA	NA	0
17.	PLAGUE	0	0	0	0	0
18.	ACUTE POLIOMYELITIS	0	0	0	0	0
19.	RABIES	0	0	0	0	0
20.	RELAPSING FEVER	0	0	0	0	0
21.	SYPHILIS (all forms)	9	7	5	15	18
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	153	160	140	192	124
	TUBERCULOSIS DEATH	0	0	0	2	1
24.	TYPHOID & PARATYPHOID FEVER	4	3	1	1	1
25.	TYPHUS & OTHER RECKETTSIOSSES	0	0	0	0	0
26.	VIRAL ENCEPHALITIS	0	0	0	0	0
27.	VIRAL HEPATITIS					
	a) Hepatitis A	2	0	1	2	0
	b) Hepatitis B	10	8	9	28	32
	c) Hepatitis C	8	9	7	15	16
	d) Other Hepatitis	0	0	0	0	0
28.	PERTUSSIS	0	1	0	2	0
29.	YELLOW FEVER	0	0	0	0	0
1	ACUTE FLACCID PARALYSIS (AFP)	0	1	0	2	0
2	ACUTE GASTROENTERITIS (AGE)	2829	2161	277	652	407
3	FILARIASIS	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	686	502	595	3372	2435
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	43	1	10	53
6	MELIOIDOSIS	0	0	0	2	0
7	BRUCELLOSIS	0	0	0	1	0
8	ZIKA	NA	NA	NA	0	0

3. COMMUNICABLE DISEASES FOR CURRENT WEEK BY DISTRICT, 2017, JOHORE STATE

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
NOTIFIABLE DISEASES												
1.	AVIAN INFLUENZA	0	0	0	0	0	0	0	0	0	0	0
2.	CHANCROID	0	0	0	0	0	0	0	0	0	0	0
3.	CHOLERA	0	0	0	0	0	0	0	0	0	0	0
4.	DENGUE FEVER	80	6	1	1	3	8	7	1	2	0	109
	DENGUE HAEMORRHAGIC FEVER	0	0	0	0	0	0	0	0	0	0	0
5.	DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0
6.	DYSENTERY (all types)	0	0	0	0	0	0	0	0	0	0	0
7.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
8.	FOOD POISONING (episode)	1	1	0	0	0	0	0	0	0	0	2
	FOOD POISONING (case)	23	6	0	0	0	0	0	0	0	0	29
9.	GONOCOCCAL INFECTION (all forms)	1	1	0	0	3	1	0	3	0	0	9
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	59	3	2	0	3	18	0	0	8	0	93
11.	HIV INFECTION (all forms)	12	1	0	0	1	0	0	0	0	0	14
	HIV DEATH	0	0	0	0	0	0	0	0	0	0	0
12.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
13.	LEPTOSPIROSIS	3	0	0	0	0	0	0	0	0	0	3
14.	MALARIA	3	0	0	0	0	0	1	0	0	0	4
15.	MEASLES	0	0	0	0	0	0	0	3	0	0	3
16.	MERSCoV	0	0	0	0	0	0	0	0	0	0	0
17.	PLAGUE	0	0	0	0	0	0	0	0	0	0	0
18.	ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0
19.	RABIES	0	0	0	0	0	0	0	0	0	0	0
20.	RELAPSING FEVER	0	0	0	0	0	0	0	0	0	0	0
21.	SYPHILIS (all forms)	2	1	0	0	1	0	0	1	0	0	5
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	27	5	0	0	9	4	0	2	1	2	50
	TUBERCULOSIS DEATH	0	0	0	0	0	0	0	0	0	0	0
24.	TYPHOID & PARATYPHOID FEVER	0	0	0	0	0	0	1	0	0	0	1
25.	TYPHUS & OTHER RECKETTSIOSSES	0	0	0	0	0	0	0	0	0	0	0
26.	VIRAL ENCEPHALITIS	0	0	0	0	0	0	0	0	0	0	0
27.	VIRAL HEPATITIS											
	a) Hepatitis A	0	0	0	0	0	0	0	0	0	0	0
	b) Hepatitis B	9	0	0	0	2	0	0	0	1	0	12
	c) Hepatitis C	1	0	0	0	0	0	0	1	0	0	2
	d) Other Hepatitis	0	0	0	0	0	0	0	0	0	0	0
28.	WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0
29.	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)	9	0	0	0	0	0	40	0	58	0	107
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	641	0	0	0	0	0	0	0	0	0	641
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	13	0	0	0	0	0	0	0	0	0	13
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, 2017, JOHORE STATE

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
NOTIFIABLE DISEASES												
1.	AVIAN INFLUENZA	0	0	0	0	0	0	0	0	0	0	0
2.	CHANCROID	0	0	0	0	0	0	0	0	0	0	0
3.	CHOLERA	0	0	0	0	0	0	0	0	0	0	0
4.	DENGUE FEVER	375	22	11	5	22	19(1)	27(1)	6	25	9	521(2)
	DENGUE HAEMORRHAGIC FEVER	1	0	0	0	0	0	0	0	0	0	1
5.	DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0
6.	DYSENTERY (all types)	1	0	0	0	0	0	0	0	0	0	1
7.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
8.	FOOD POISONING (episode)	2	3	0	1	0	1	0	0	0	0	7
	FOOD POISONING (case)	32	14	0	19	0	10	0	0	0	0	75
9.	GONOCOCCAL INFECTION (all forms)	14	3	0	0	4	1	0	3	1	0	26
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	135	13	8	3	14	42	15	7	13	3	253
11.	HIV INFECTION (all forms)	35	4	3	0	5	0	0	0	2	1	50
	HIV DEATH	0	0	0	0	0	0	0	0	0	0	0
12.	LEPROSY	0	1	0	0	0	0	0	0	0	0	1
13.	LEPTOSPIROSIS	4	0	0	0	1	0	5	0	0	2	12
14.	MALARIA	3	0	0	0	0	0	1	0	1	1	6
15.	MEASLES	3	0	0	0	0	0	0	3	0	0	6
16.	MERSCoV	0	0	5	0	0	0	0	0	0	0	0
17.	PLAGUE	0	0	0	0	0	0	0	0	0	0	0
18.	ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0
19.	RABIES	0	0	0	0	0	0	0	0	0	0	0
20.	RELAPSING FEVER	0	0	0	0	0	0	0	0	0	0	0
21.	SYPHILIS (all forms)	12	2	0	0	3	0	0	1	0	0	18
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	63	15	3	2	16	7	0	5	6	7	124
	TUBERCULOSIS DEATH	1	0	0	0	0	0	0	0	0	0	1
24.	TYPHOID & PARATYPHOID FEVER	0	0	0	0	0	0	1	0	0	0	1
25.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0	0	0	0	0	0	0
26.	VIRAL ENCEPHALITIS	0	0	0	0	0	0	0	0	0	0	0
27.	VIRAL HEPATITIS											
	a) Hepatitis A	0	0	0	0	0	0	0	0	0	0	0
	b) Hepatitis B	27	1	0	0	2	1	0	0	1	0	32
	c) Hepatitis C	4	1	0	0	2	7	0	1	1	0	16
	d) Other Hepatitis	0	0	0	0	0	0	0	0	0	0	0
28.	WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0
29.	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)	77	0	0	0	0	0	210	0	58	62	407
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	2435	0	0	0	0	0	0	0	0	0	2435
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	53	0	0	0	0	0	0	0	0	0	53
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

5. CLUSTER / OUTBREAK BY DISTRICT, 2017, JOHORE STATE

DISEASES		JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
1	ACUTE GASTROENTERITIS (AGE)	0	0	0	0	0	1	0	0	0	0	1
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	3	3	0	1	0	1	0	0	0	0	8
5	HAND, FOOT & MOUTH DISEASE (HFMD)	1	1	0	0	0	3	0	0	0	0	5
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	0	0	0	0	0	0	0	0	0	0	0
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
10	MUMPS	0	0	0	0	0	0	0	0	0	0	0
11	UPPER RESPIRATORY TRACT INFECTION (URTI)/	0	0	0	0	0	0	0	0	0	0	0
12	SCABIES	0	0	0	0	0	0	0	0	0	0	0
13	TYPHOID	0	0	0	0	0	0	1	0	0	0	1

6. INFLUENZA SURVEILLANCE 2017, JOHORE STATE

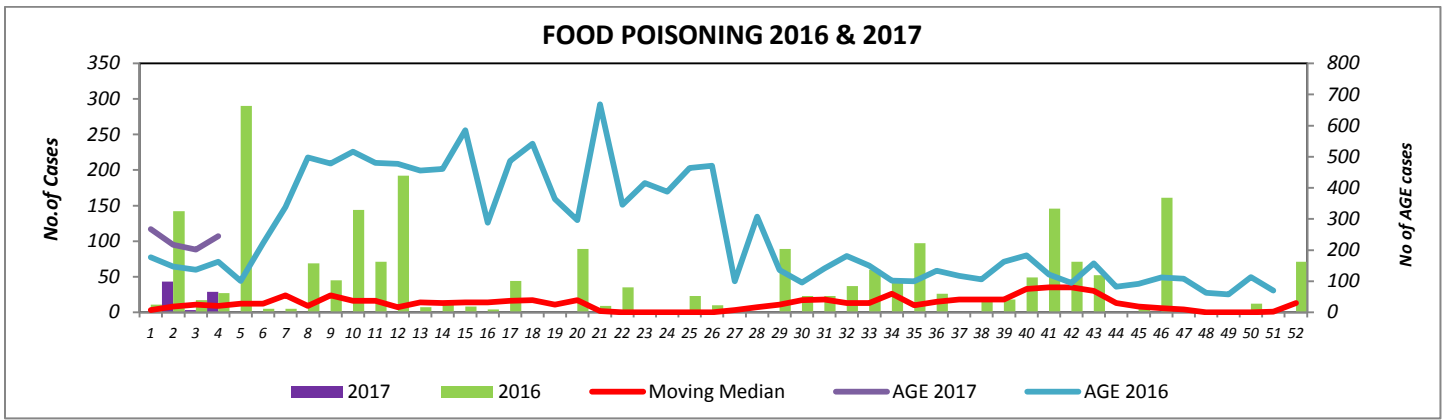
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 04					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	62	367	168	641	179	279	1263	714	2435
Total Outpatient Attendances	81	125	2501	1540	4247	427	638	9305	6121	16491

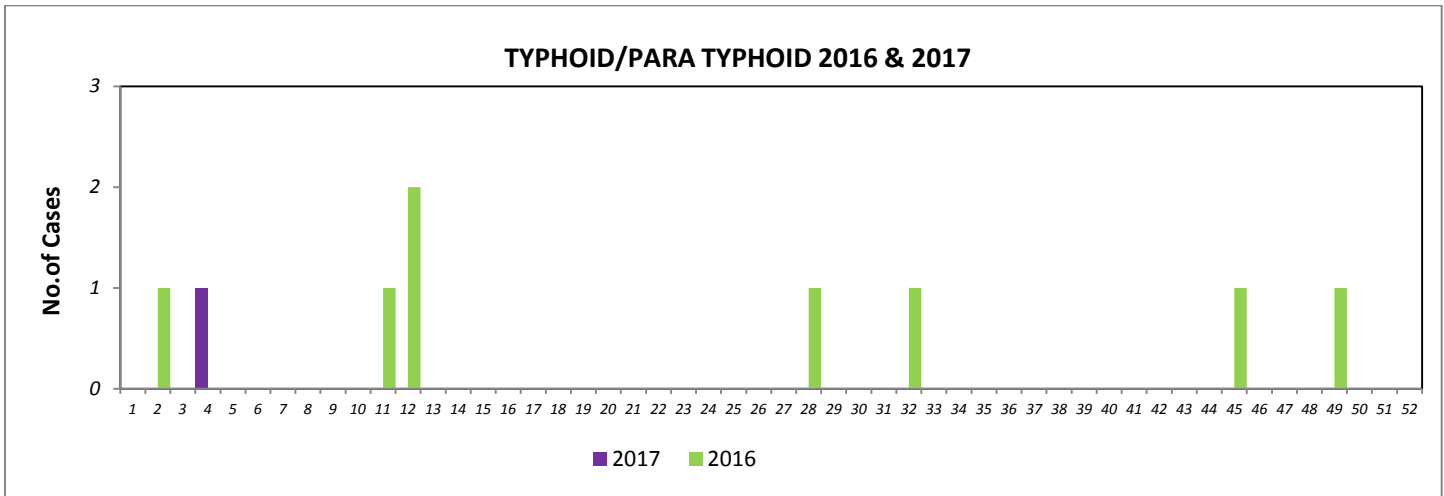
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 04			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)	10	3	13	41	12	53

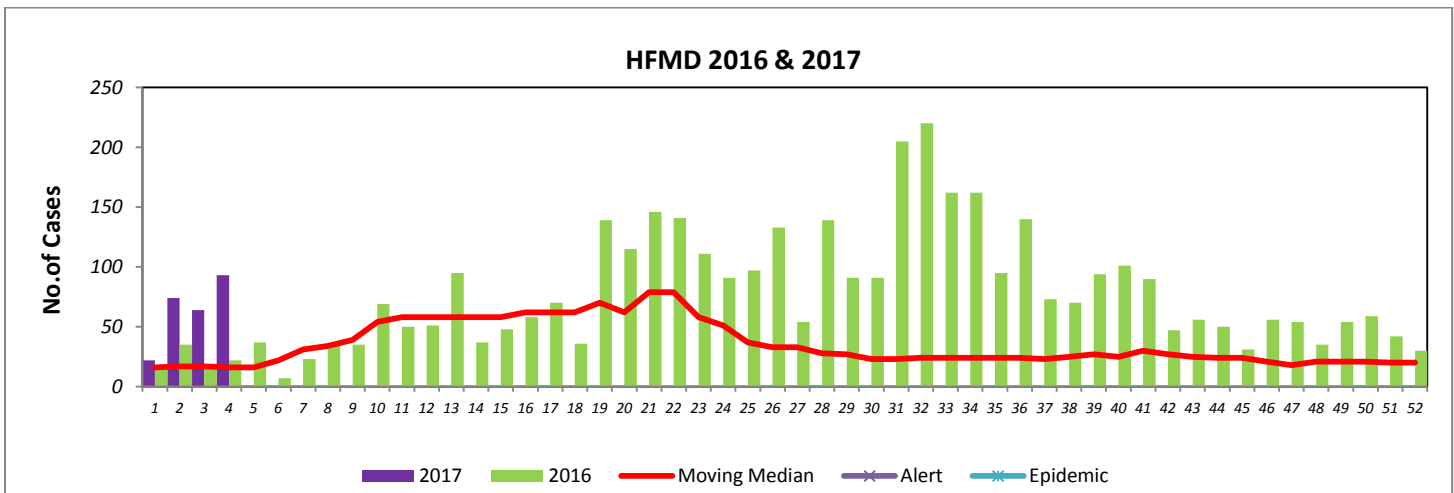
7. WEEKLY CASES OF FOOD POISONING, 2016—2017



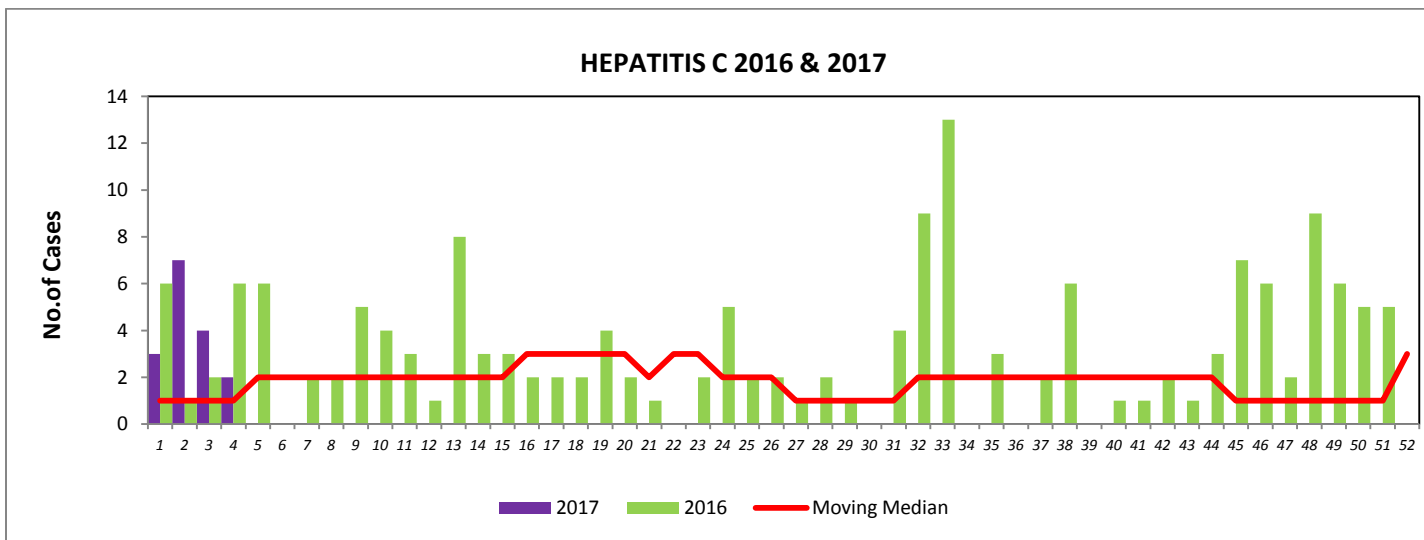
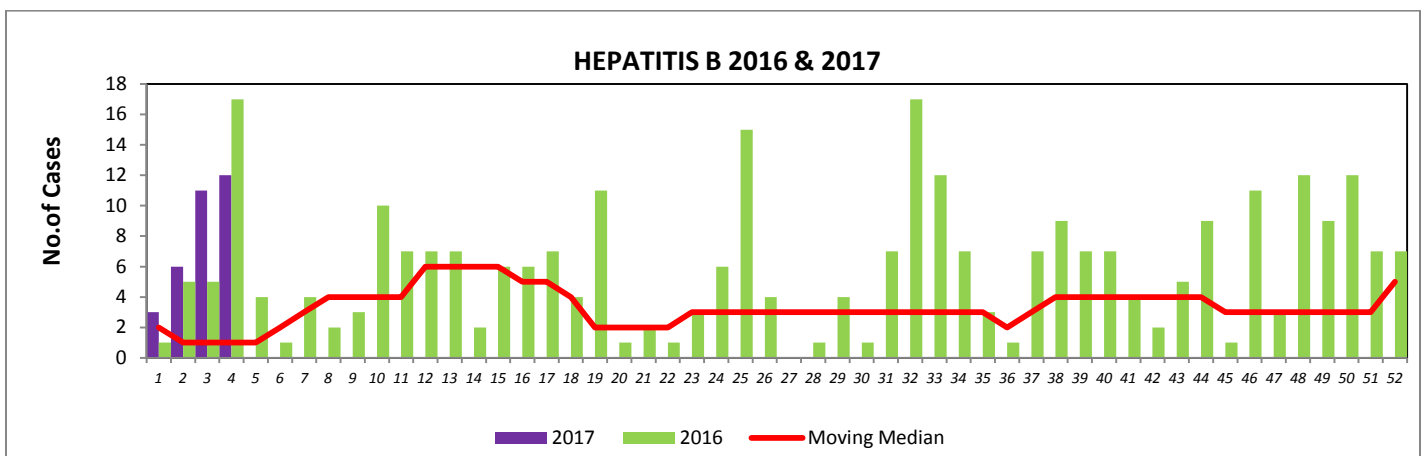
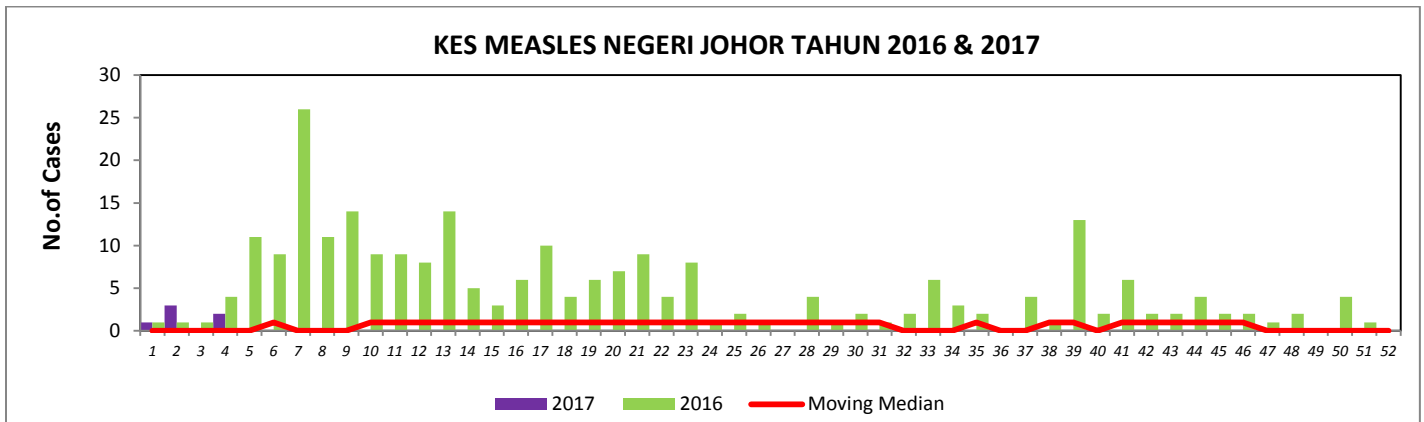
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2016—2017



9. WEEKLY CASES OF AIR/DROPLET BORNE DISEASES, 2016—2017



10. WEEKLY CASES OF VACCINE PREVENTABLE DISEASES, 2016—2017



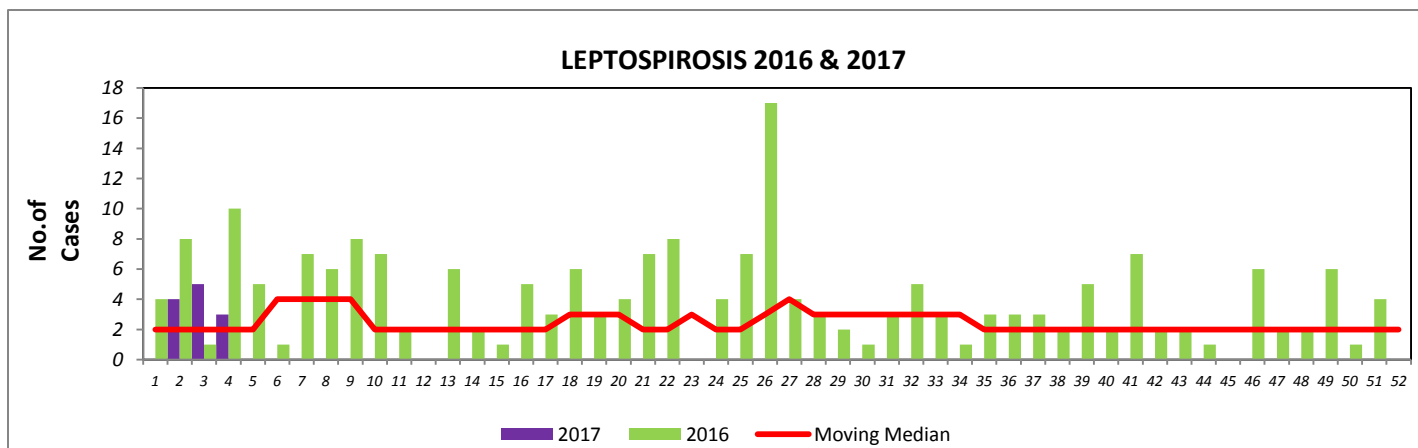
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	0
Epidemiologically confirmed	0
Lab confirmed	6
Discarded	13
Pending	11

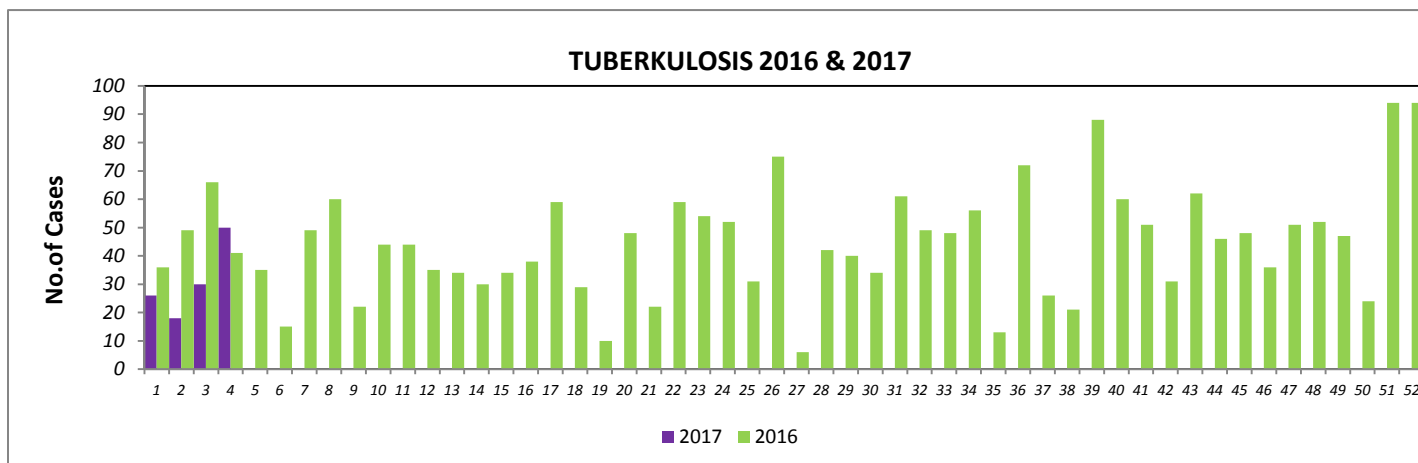
Total notifications	30
Incidence rate	8.3 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	33%	100%
Cases investigated within 48 hours	83%	>80%
Sample taken for confirmation	83%	>80%
Cases classified	63%	100%
Confirmed case with source of infection identified	100%	>80%
Death	0	0

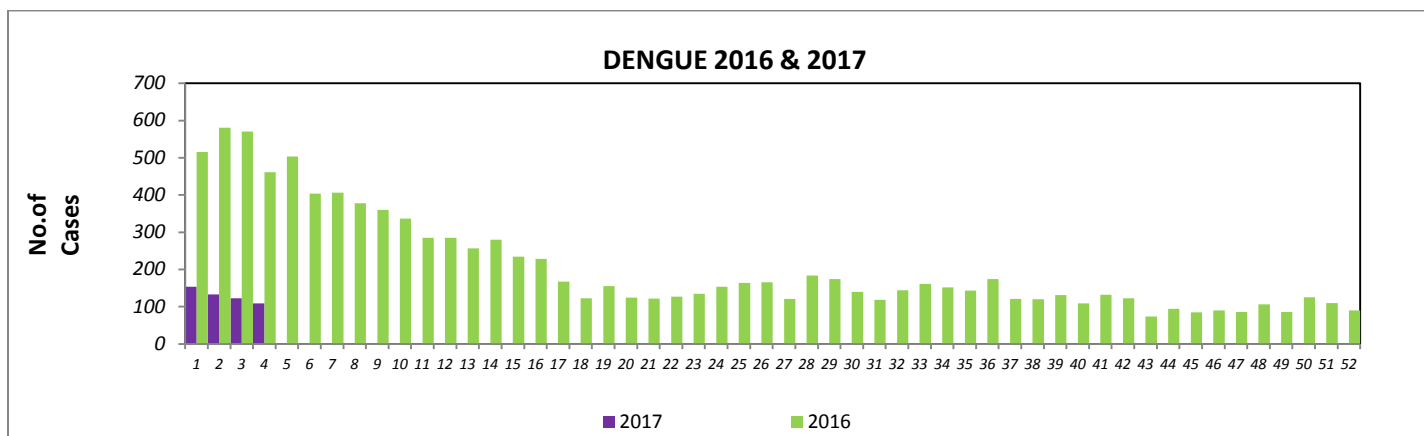
11. LEPTOSPIROSIS



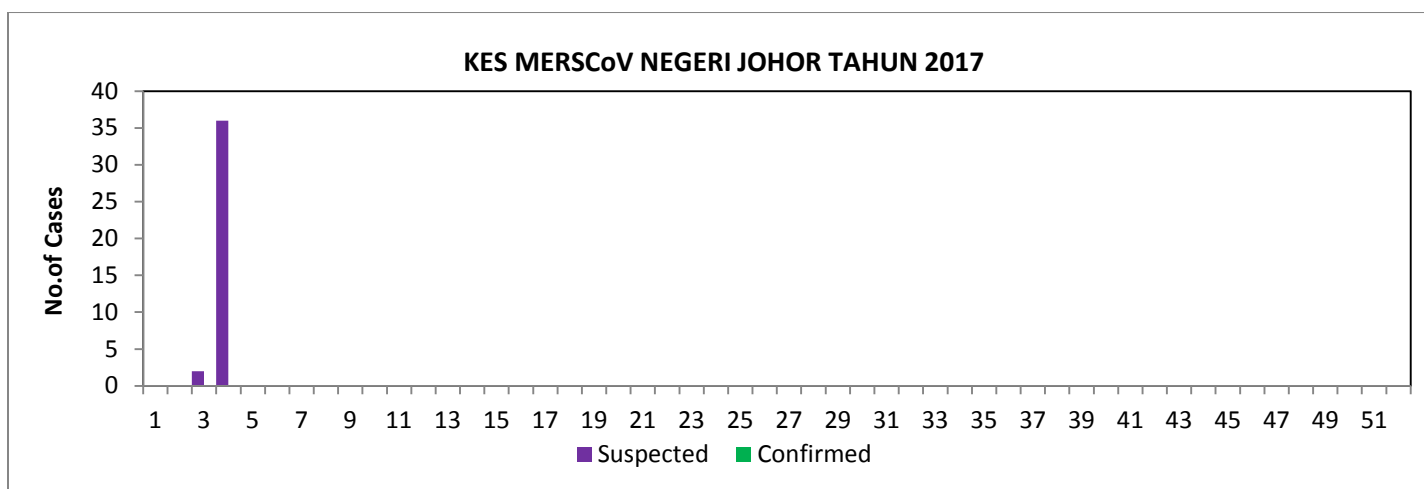
12. TUBERCULOSIS



13. DENGUE



14. MERSCoV



15. LABORATORY BASED SURVEILLANCE

15.1 Enteric Pathogen Identified During Food Poisoning / AGE Event 2017 – 2016, Johor State

Analysis	No. of sample received		No. of positive sample	
	EW 03 2017	Cumulative 2016	EW 03 2017	Cumulative 2016
1 <i>Salmonella typhi/Salmonella spp.</i>	16	46	39	88
2 <i>Yersinia enterocolitica</i>	16	16	39	47
3 <i>Vibrio cholerae/Vibro para</i>	16	16	39	47
4 <i>Plesiomonas shigelloides/spp</i>	16	16	39	47
5 <i>Enteropathogenic E.coli (EPEC,EHEC)</i>	16	16	39	47
6 <i>Aeromonas hydrophilia/spp</i>	16	16	39	47
7 <i>Shigella spp.</i>	16	16	39	47
8 <i>Bacillus cereus (positive enterotoxin)</i>	16	16	39	47
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	16	16	39	47
10 <i>Campylobacter jejuni/coli/spp</i>	16	16	39	47

16. INFLUENZA SURVEILLANCE

