

## OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 11

No	District	Locality	Disease /Event	Number Of Cases
1	Johor Bahru	Tadika Khalifah Mulia (1b, 2b & 3b, Jalan Rusa, Taman Scientex Lavender, 81700, Pasir Gudang, Johor Bahru)	Chicken Pox	8
2	Batupahat	SA Seri Berkat, Kg Semerah Darat, Batu Pahat	Food Poisoning	11
3	Segamat	Asrama Sekolah Menengah Kebangsaan Agama Segamat	Food Poisoning	131
4	Ledang	SMKA Shamsudiniah Kundang Ulu	Age	11
5	Johor Bahru	No.Blok R-02-02, Flat Lima Kedai, 81550 Gelang Patah, Johor Bahru, Johor.	Hfmd	3
6	Johor Bahru	SMK Sultan Ismail Jalan Abdul Samad 80100 Johor Bahru Johor	Ili	39

### Human infection with avian influenza A(H7N9) virus – China

Between 24 February and 3 March 2017, the NHFPC reported a total of 57 human cases of infection with avian influenza A(H7N9) virus. Onset dates of the cases ranged from 26 January to 27 February 2017. Of these 57 cases, 13 were female. Cases range in age from 4 to 81 years and the median age is 56 years. The cases are reported from Anhui (9), Beijing (1), Fujian (1), Guangdong (11), Guangxi (4), Guizhou (2), Henan (3), Hunan (3), Hubei (2), Jiangsu (7), Jiangxi (4), Shandong (2), Shanghai (1), Sichuan (2), and Zhejiang (5).

At the time of notification, there were 11 deaths, and 39 cases diagnosed as either pneumonia (7) or severe pneumonia (32). One case has mild symptoms. The clinical presentations of the other six (6) cases are not available at this time. Forty-three cases are reported to have had exposure to poultry or live poultry market, four (4) cases have possibility of human to human transmission (among them, two cases also had exposure history to poultry or live poultry market), four (4) had no exposure to poultry and for eight (8) the possible exposures are unknown or under investigation. On 24 February 2017, two clusters of possible human to human transmission were reported.

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

DISEASE		EW 11/2017	EW 10/2016	MEDIAN	CUMULATIVE 2016	CUMULATIVE 2017
<b>NOTIFIABLE DISEASES</b>						
1.	AVIAN INFLUENZA	0	0	NA	0	0
2.	CHANCROID	0	0	0	0	0
3.	CHOLERA	0	0	0	0	0
4.	DENGUE FEVER	125	285	85	4796	1434(4)
	DENGUE HAEMORRHAGIC FEVER	0	0	0	4	2
5.	DIPHtherIA	0	0	0	0	0
6.	DYSENTERY (all type)	0	2	0	2	4
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	2	2	1	17	14
	FOOD POISONING (case)	142	71	24	826	327
9.	GONOCOCCAL INFECTION (all forms)	12	5	4	47	76
10.	HAND,FOOT&MOUTH DISEASE (HFMD)	63	50	58	346	790
11.	HIV INFECTION (all forms)	12	28	7	147	163
	HIV DEATH	3	1	0	10	7
12.	LEPROSY	0	1	0	1	3
13.	LEPTOSPIROSIS	3	2	2	60	32
14.	MALARIA	0	0	1	3	10
15.	MEASLES	0	8	0	97	23
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)	7	5	1	34	67
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	23	44	44	461	389
	TUBERCULOSIS DEATH	1	0	0	10	4
24.	TYPHOID & PARATYPHOID FEVER	0	1	0	2	2
25.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
26.	VIRAL ENCEPHALITIS	0	0	0	1	0
27.	VIRAL HEPATITIS					
	a) Hepatitis A	0	0	0	2	0
	b) Hepatitis B	9	7	7	59	76(1)
	c) Hepatitis C	5	3	3	37	40
	d) Other Hepatitis	0	0	0	2	0
28.	PERTUSSIS	0	2	0	4	1
29.	YELLOW FEVER	0	0	0	0	0
30.	ZIKA	0	0	NA	0	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	2	0
2	ACUTE GASTROENTERITIS (AGE)	109	480	501	3285	1468
3	FILARIASIS	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	744	860	145	9910	8073
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	28	16	0	89	133
6	MELIOIDOSIS	0	0	0	5	0
7	BRUCELLOSIS	0	0	0	1	0

## 2. COMMUNICABLE DISEASES 2013 – 2017, JOHORE STATE

DISEASE		2013	2014	2015	2016	2017
<b>NOTIFIABLE DISEASES</b>						
1.	AVIAN INFLUENZA	NA	NA	NA	0	0
2.	CHANCROID	0	0	0	0	0
3.	CHOLERA	0	0	0	0	0
4.	DENGUE FEVER	448	1369	1626	4796	1434(4)
	DENGUE HAEMORRHAGIC FEVER	20	9	2	4	2
5.	DIPHThERIA	0	0	0	0	0
6.	DYSENTERY (all types)	0	1	1	2	4
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	10	16	14	17	14
	FOOD POISONING (case)	390	509	325	826	327
9.	GONOCOCCAL INFECTION (all forms)	17	16	58	47	76
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	270	284	747	346	790
11.	HIV INFECTION (all forms)	142	104	137	147	163
	HIV DEATH	0	0	0	10	7
12.	LEPROSY	3	2	1	1	3
13.	LEPTOSPIROSIS	17	42	80	60	32
14.	MALARIA	14	2	8	3	10
15.	MEASLES	5	3	2	97	23
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)	13	26	21	34	67
22.	TETANUS (Neonatorum / Adult)	0	1	0	0	0
23.	TUBERCULOSIS (all forms)	391	473	495	461	389
	TUBERCULOSIS DEATH	0	0	0	10	4
24.	TYPHOID & PARATYPHOID FEVER	5	6	4	2	2
25.	TYPHUS & OTHER RECKETTSIOSSES	0	0	0	0	0
26.	VIRAL ENCEPHALITIS	0	0	0	1	0
27.	VIRAL HEPATITIS					
	a) Hepatitis A	2	2	3	2	0
	b) Hepatitis B	45	28	50	59	76(1)
	c) Hepatitis C	68	18	28	37	40
	d) Other Hepatitis	0	0	1	2	0
28.	PERTUSSIS	0	1	4	4	1
29.	YELLOW FEVER	0	0	0	0	0
30.	ZIKA	NA	NA	NA	0	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>						
1	ACUTE FLACCID PARALYSIS (AFP)	0	3	0	2	0
2	ACUTE GASTROENTERITIS (AGE)	7690	6310	740	3285	1468
3	FILARIASIS	0	2	4	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	1770	1567	1544	9910	8073
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	133	3	89	133
6	MELIOIDOSIS	0	0	0	5	0
7	BRUCellosIS	0	0	0	1	0

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

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
<b>NOTIFIABLE DISEASES</b>												
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	96	5	2	2	7	3	3	2	4	1	125
	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)	0	0	0	0	1	0	1	0	0	0	2
	FOOD POISONING (case)	0	0	0	0	11	0	131	0	0	0	142
9.	GONOCOCCAL INFECTION (all forms)	7	1	1	1	2	0	0	0	0	0	12
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	29	6	1	0	8	15	0	2	0	2	63
11.	HIV INFECTION (all forms)	4	0	6	0	0	0	1	1	0	0	12
	HIV DEATH	1	0	1	0	0	0	1	0	0	0	3
12.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
13.	LEPTOSPIROSIS	0	0	0	2	0	0	0	0	1	0	3
14.	MALARIA	0	0	0	0	0	0	0	0	0	0	0
15.	MEASLES	0	0	0	0	0	0	0	0	0	0	0
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)	3	2	0	0	1	0	0	1	0	0	7
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	6	0	0	0	7	0	0	3	3	4	23
	TUBERCULOSIS DEATH	0	0	0	0	1	0	0	0	0	0	1
24.	TYPHOID & PARATYPHOID FEVER	0	0	0	0	0	0	0	0	0	0	0
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	7	0	0	0	0	0	0	0	2	0	9
	c) Hepatitis C	3	0	2	0	0	0	0	0	0	0	5
	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
30.	ZIKA	0	0	0	0	0	0	0	0	0	0	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>												
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	0	0	0	0	0	0	0	0
2	ACUTE GASTROENTERITIS (AGE)	11	0	0	0	0	0	98	0	0	0	109
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	744	0	0	0	0	0	0	0	0	0	744
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	28	0	0	0	0	0	0	0	0	0	28
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, 2017, JOHORE STATE

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
<b>NOTIFIABLE DISEASES</b>												
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	1077(2)	66	21	20	41	46(!)	62(1)	15	67	19	1434(4)
	DENGUE HAEMORRHAGIC FEVER	2	0	0	0	0	0	0	0	0	0	2
5.	DIPHThERIA	0	0	0	0	0	0	0	0	0	0	0
6.	DYSENTERY (all types)	4	0	0	0	0	0	0	0	0	0	4
7.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
8.	FOOD POISONING (episode)	3	5	1	1	1	1	1	0	0	1	14
	FOOD POISONING (case)	54	24	46	19	11	10	131	0	0	32	327
9.	GONOCOCCAL INFECTION (all forms)	43	9	1	1	14	1	0	3	3	1	76
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	413	38	27	11	48	148	32	22	38	13	790
11.	HIV INFECTION (all forms)	105	10	9	1	13	10	3	6	4	2	163
	HIV DEATH	2	0	1	0	1	1	1	0	1	0	7
12.	LEPROSY	2	1	0	0	0	0	0	0	0	0	3
13.	LEPTOSPIROSIS	4	1	5	2	1	1	12	0	3	3	32
14.	MALARIA	4	0	0	0	0	0	1	0	3	2	10
15.	MEASLES	13	3	2	0	0	2	0	3	0	0	23
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)	52	6	1	0	5	0	0	2	0	1	67
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	186	24	19	10	52	20	14	22	25	17	389
	TUBERCULOSIS DEATH	1	0	0	0	1	0	0	1	1	0	4
24.	TYPHOID & PARATYPHOID FEVER	0	0	1	0	0	0	1	0	0	0	2
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	51	1	5(1)	3	6	3	2	0	5	0	76(1)
	c) Hepatitis C	12	3	2	1	4	11	2	4	1	0	40
	d) Other Hepatitis	0	0	0	0	0	0	0	0	0	0	0
28.	WHOOPING COUGH	0	0	1	0	0	0	0	0	0	0	1
29.	YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	0
30.	ZIKA	0	0	0	0	0	0	0	0	0	0	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>												
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	0	0	0	0	0	0	0	0
2	ACUTE GASTROENTERITIS (AGE)	263	0	0	0	203	0	629	0	253	120	1468
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	8073	0	0	0	0	0	0	0	0	0	8073
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	133	0	0	0	0	0	0	0	0	0	133
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

## 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	1	0	1	0	0	0	0	2
2	CHICKEN POX	2	1	0	0	0	0	0	0	0	0	3
3	CONJUNCTIVITIS	0	0	0	0	0	0	0	0	0	0	0
4	FOOD POISONING	3	5	1	1	1	1	1	0	0	1	14
5	HAND, FOOT & MOUTH DISEASE (HFMD)	5	2	0	0	0	3	0	0	0	0	10
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	3	0	0	0	0	0	0	0	0	0	3
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	ROTAVIRUS	0	1	1	0	0	0	0	0	0	0	2
13	TYPHOID	0	0	0	0	0	0	1	0	0	0	1

## 6. INFLUENZA SURVEILLANCE 2017, JOHORE STATE

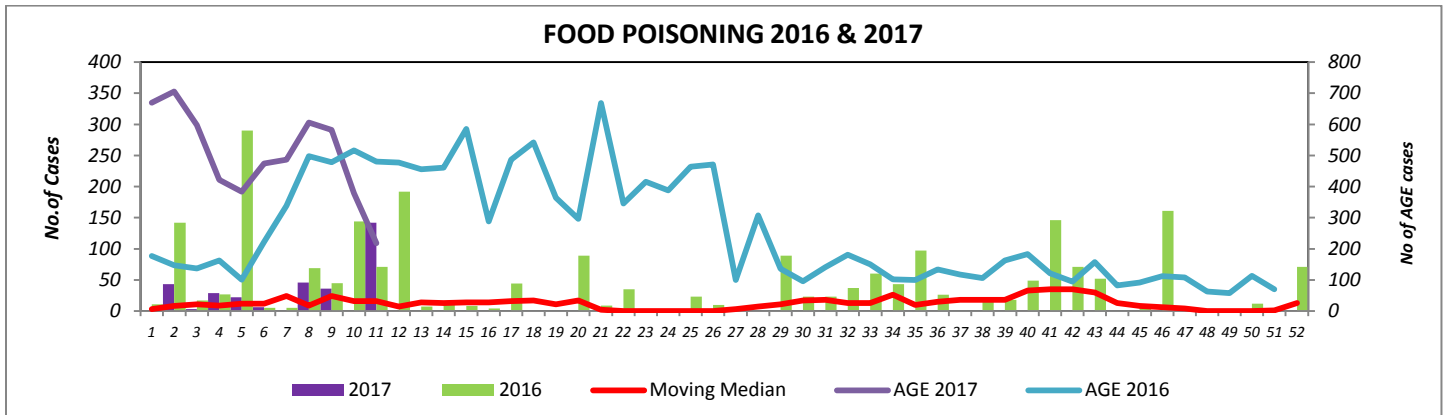
### 6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 11					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	72	84	381	207	744	710	1045	4154	2154	8063
Total Outpatient Attendances	64	86	2424	1629	4203	1101	2439	27082	16460	47082

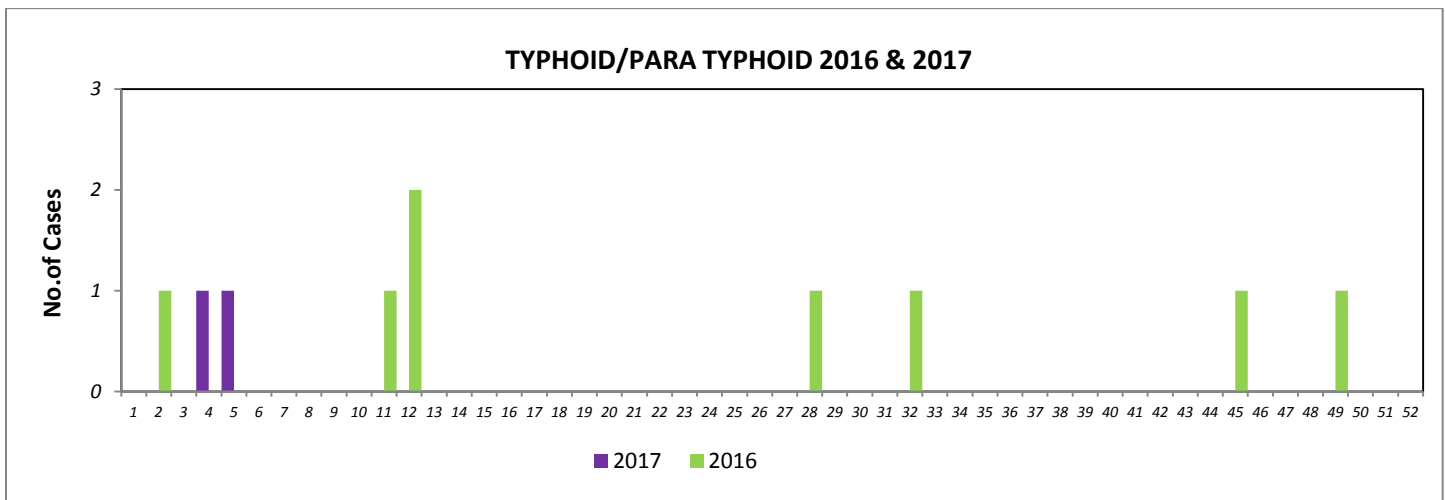
### 6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 10			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	10	28	97	36	133

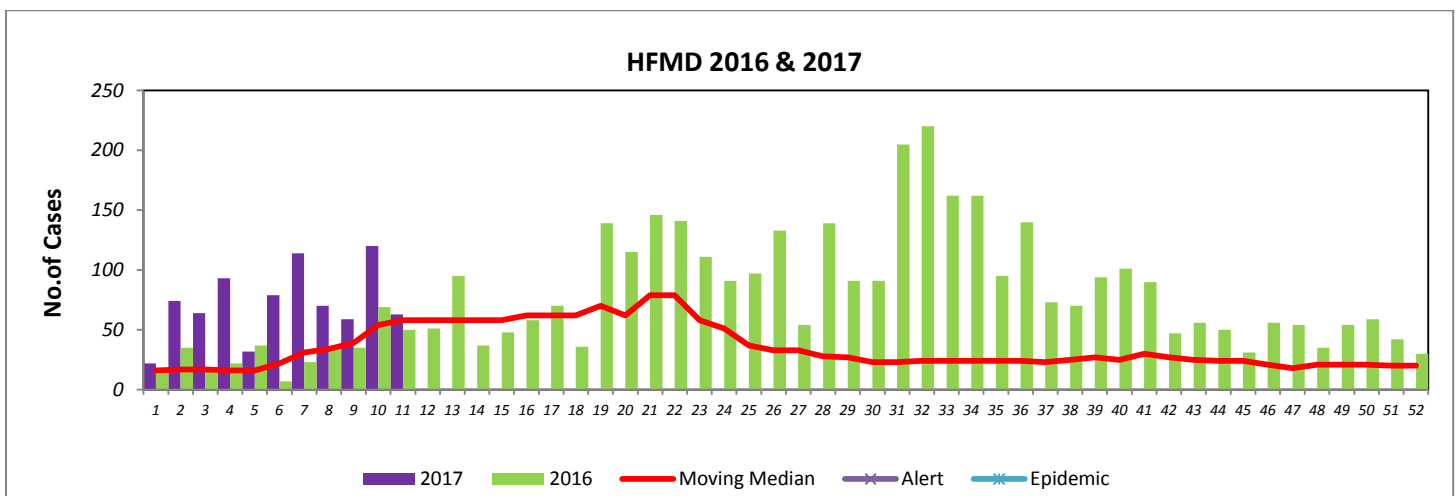
## 7. WEEKLY CASES OF FOOD POISONING, 2016—2017



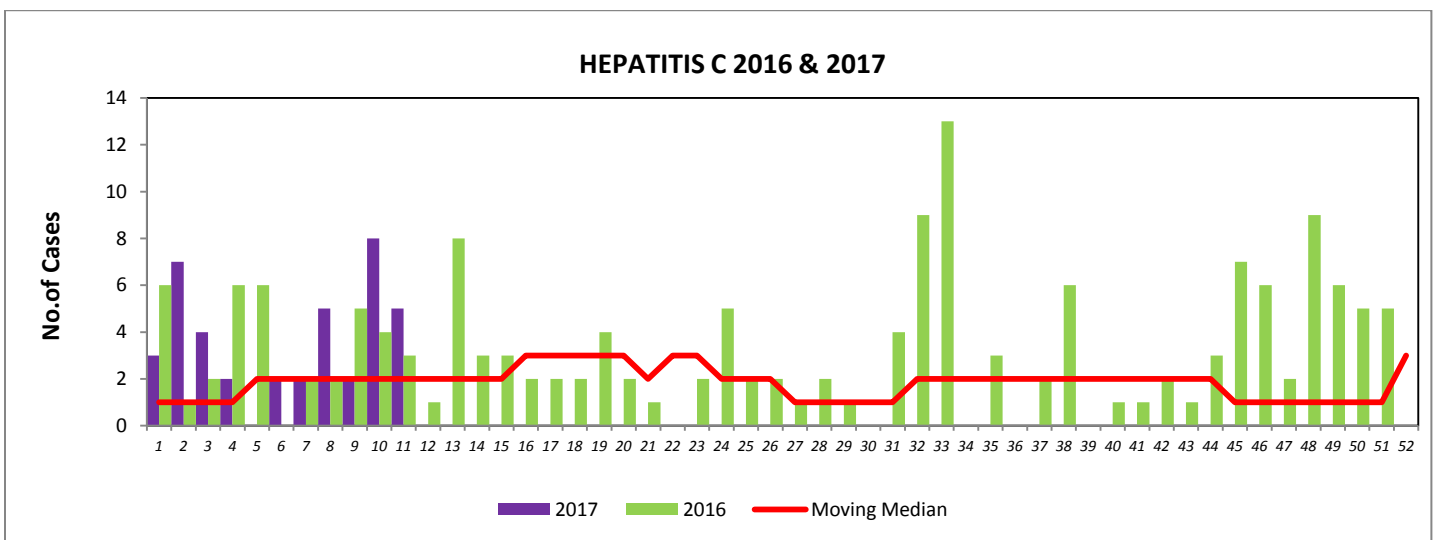
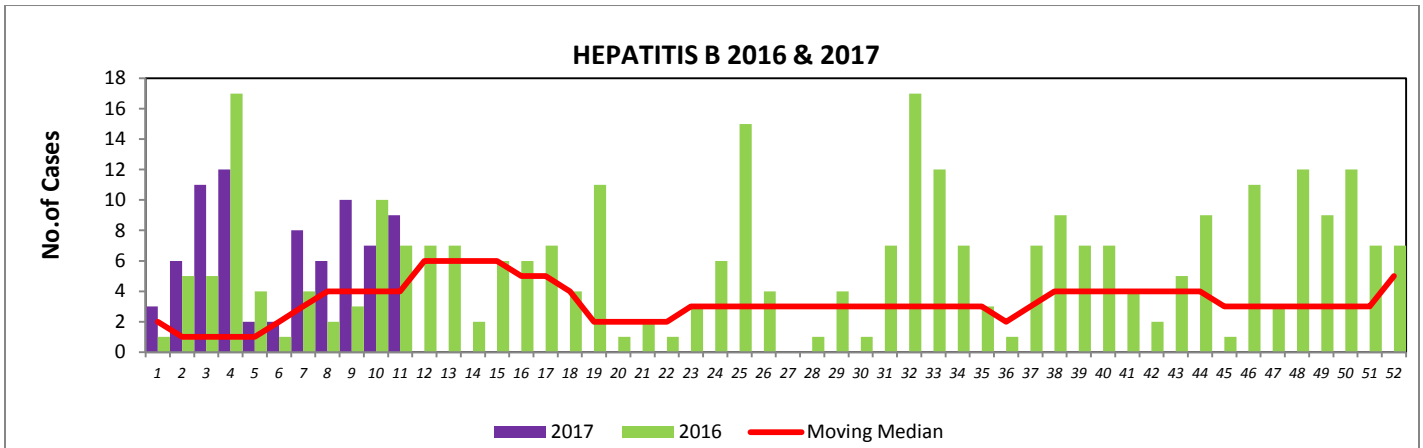
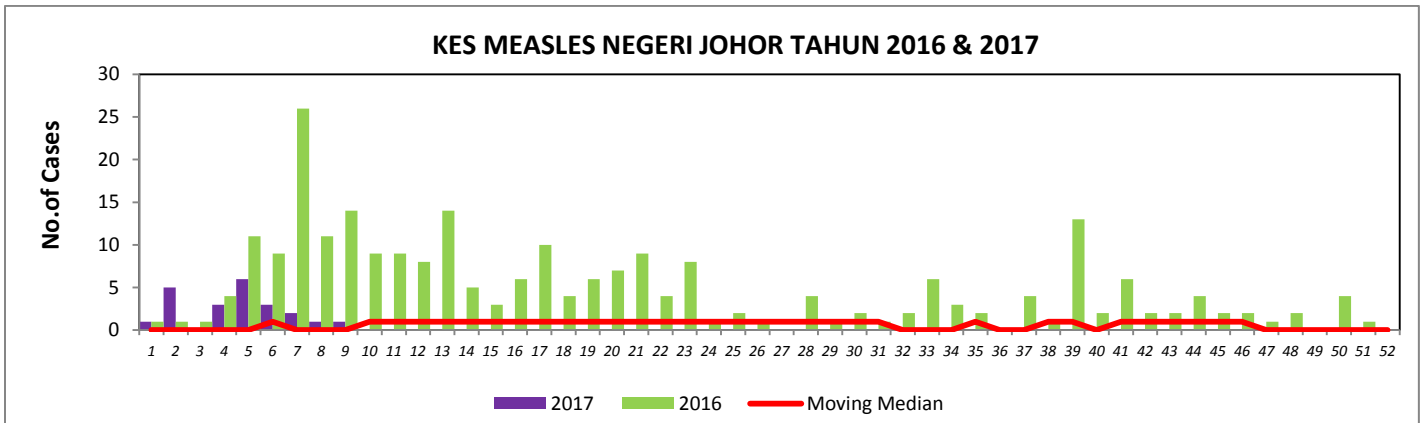
## 8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2016—2017



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



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





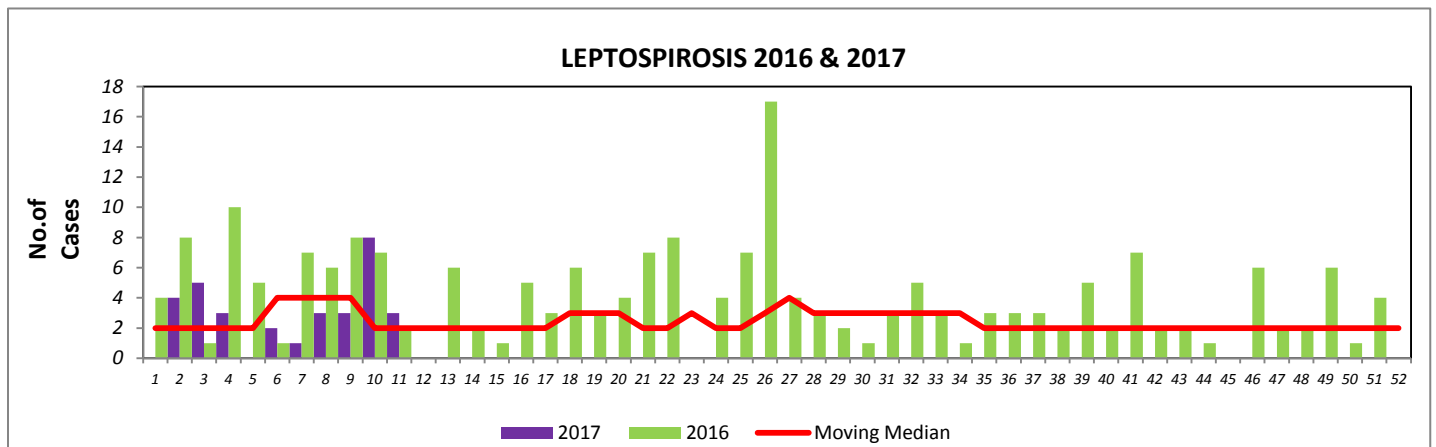
## 10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	1
Epidemiologically confirmed	0
Lab confirmed	23
Discarded	55
Pending	5

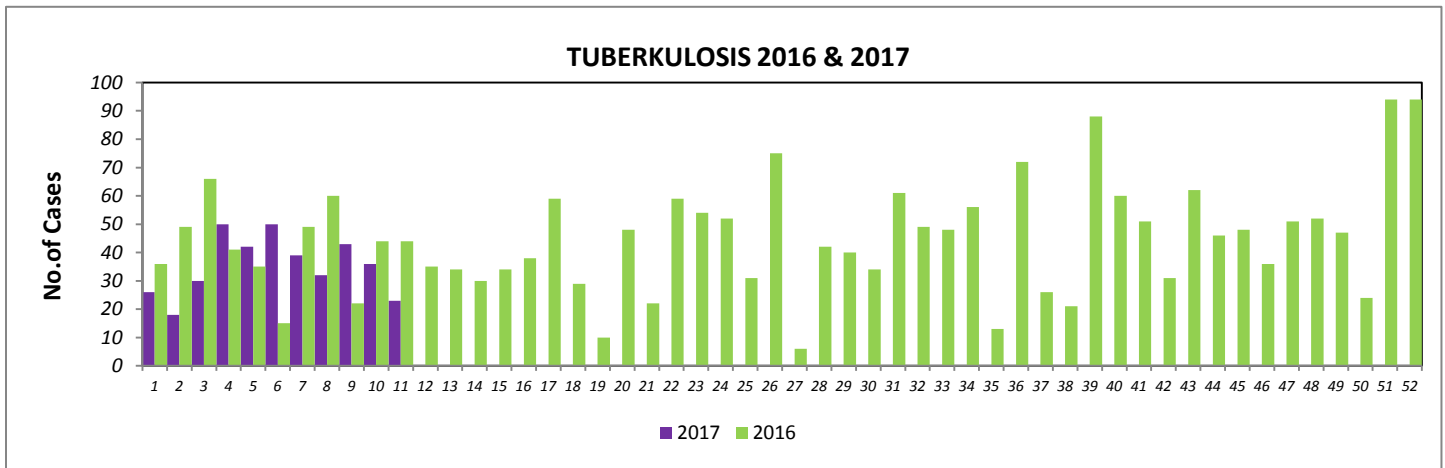
Total notifications	84
Incidence rate	23.1 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	51%	100%
Cases investigated within 48 hours	94%	>80%
Sample taken for confirmation	20%	>80%
Cases classified	94%	100%
Confirmed case with source of infection identified	87%	>80%
Death	0	0

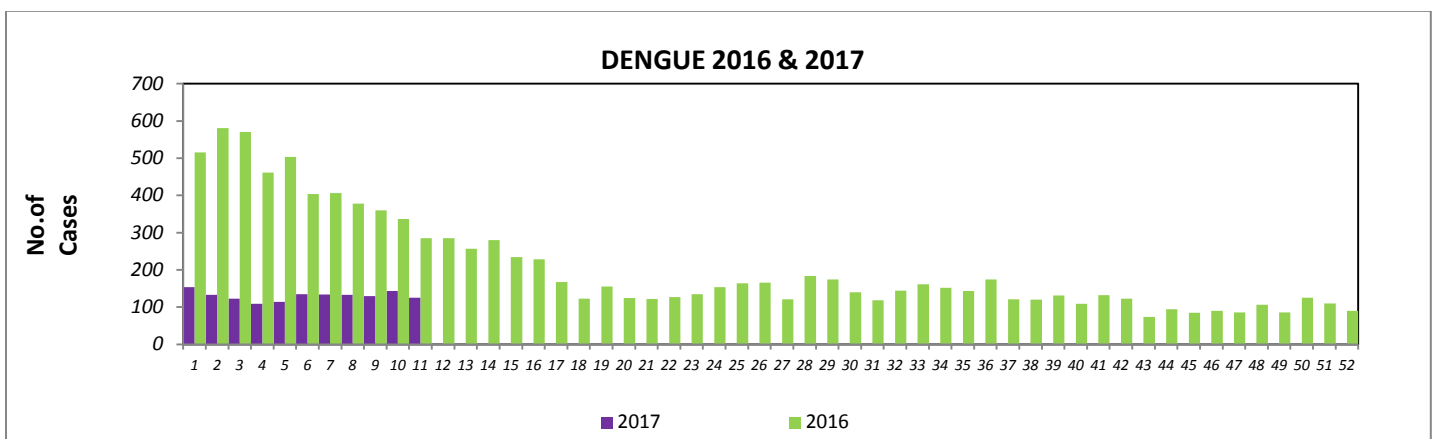
## 11. LEPTOSPIROSIS



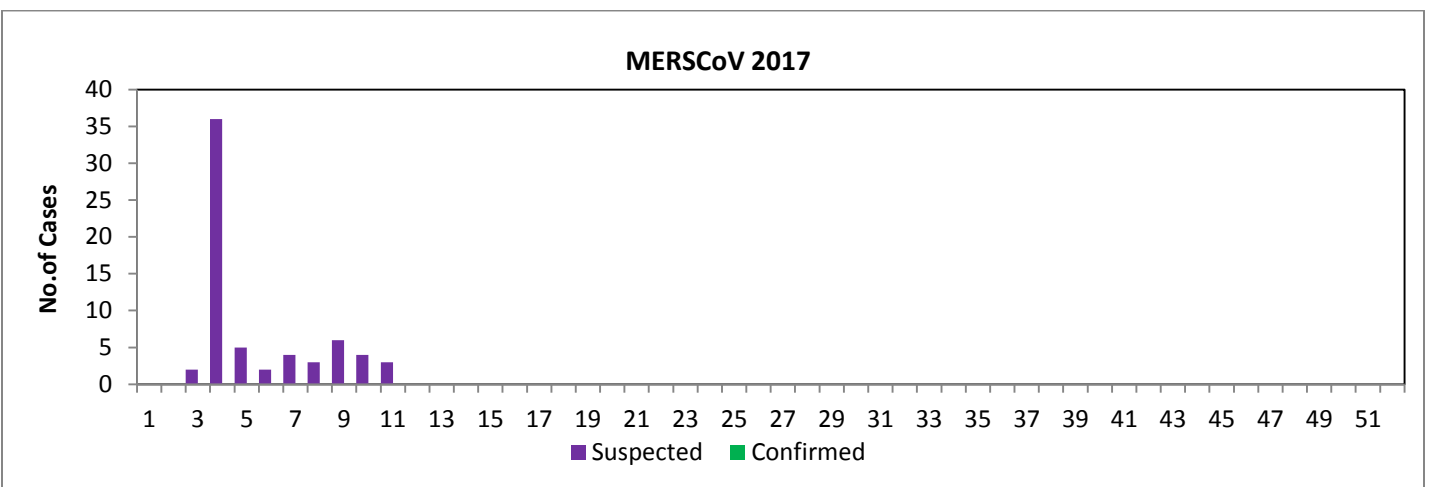
## 12. TUBERCULOSIS



## 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 10 2017	2016	Cumulative 2017	2016	EW 10 2017	2016	Cumulative 2017	2016
1 <i>Salmonella typhi</i> / <i>Salmonella spp.</i>	6	35	157	243	0	0	8	2
2 <i>Yersinia enterocolitica</i>	6	35	90	0	0	0	0	0
3 <i>Vibrio cholerae</i> / <i>Vibro para</i>	6	35	90	0	0	2	0	2
4 <i>Plesiomonas shigelloides</i> / <i>spp</i>	6	35	90	0	0	0	0	0
5 <i>Enteropathogenic E.coli</i> ( <i>EPEC</i> , <i>EHEC</i> )	6	35	90	0	0	0	0	0
6 <i>Aeromonas hydrophilia</i> / <i>spp</i>	6	35	90	0	0	2	0	2
7 <i>Shigella spp.</i>	6	35	90	0	0	0	0	0
8 <i>Bacillus cereus</i> (positive enterotoxin)	6	35	90	0	0	0	0	0
9 <i>Staphylococcus aureus</i> (positive enterotoxin)	6	35	90	0	0	3	4	4
10 <i>Campylobacter jejuni</i> / <i>coli</i> / <i>spp</i>	6	35	90	0	0	0	0	0

## 16. INFLUENZA SURVEILLANCE

