

## OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 07

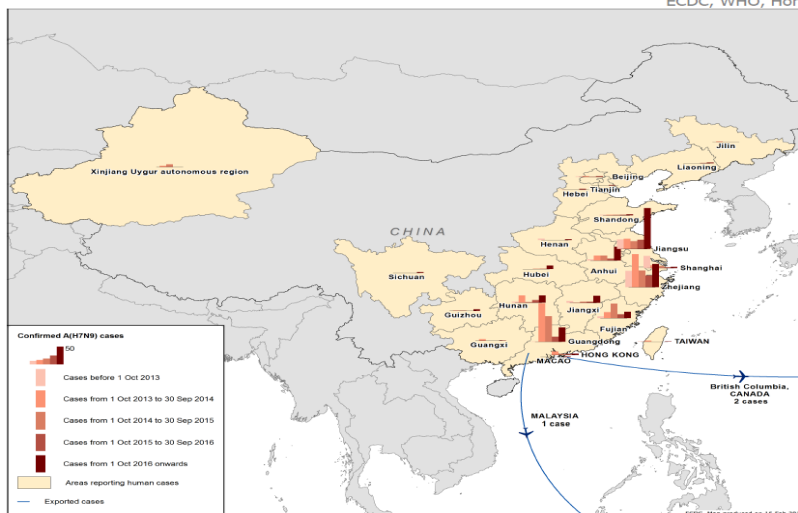
No	District	Locality	Disease /Event	Number Of Cases
1	Johor Bahru	Jalan Kenari 6, Taman Scientex, Pasir Gudang	ILI	8
2	Johor Bahru	Taska Sekolah Agama Hidayah, Km26 Jalan Johor Bahru	HFMD	5
3	Johor Bahru	Jalan Nuri 11, Taman Scientex Pasir Gudang	HFMD	3
4	Kulai	Tadika Mesra No 193, Tmn Khet Loong 81000 Kulai	Chicken Pox	14
5	Johor Bahru	Di Rumah Perlindungan (Rp) Atip Kempas Denai . Johor Bahru	Chicken Pox	9

### Seoul virus – United States of America and Canada

On 24 January 2017, the United States Centers for Disease Control and Prevention (CDC), through their Health Alert Network (HAN) publication, reported 8 cases of infection with Seoul virus in the states of Wisconsin (n=2) and Illinois (n=6). The first two cases were reported in early December 2016, when two home-based pet rat breeders in Wisconsin State developed an acute febrile illness, later confirmed as Seoul virus infection. Rats (*Rattus norvegicus*) at some facilities also tested positive for Seoul virus. Human infection with Seoul virus is not commonly found in the United States; this virus family also includes Sin Nombre virus, which is the most common hantavirus causing disease in the United States. This is the first known outbreak associated with pet rats in the United States.

To date, a total of 11 people have been infected in the states of Wisconsin, Illinois, and Colorado. Two of the individuals were hospitalized. Seoul virus infection was also confirmed in pet rats from ratteries in Wisconsin, Illinois, and Minnesota. Follow-up investigations indicate that potentially infected rats may have been distributed or received in Alabama, Arkansas, Colorado, Illinois, Indiana, Iowa, Louisiana, Michigan, Minnesota, Missouri, North Dakota, South Carolina, Tennessee, Utah, and Wisconsin. All investigations to date have indicated that the affected breeding facilities are limited to the pet rat trade. None of these ratteries supply (or have supplied) rats to research facilities-WHO

Distribution of confirmed cases of A(H7N9) by five periods(weeks 07/2013 to 7/2017)  
ECDC, WHO, Hong Kong



### Advisor

Dr Hajah Fatimah bt. Othman

### Editorial Board

Dr Abu Hassan Sha'ari Abdul Kadir

Dr Linayanti Rosli

Dr.Jeyanthini a/p Sathasivam

### Editorial Staff

Pn.Noor Elliza binti Othman

En. Zainalabidin bin Mokhtar

En. Khairul Azreen bin Ampri

Communicable Diseases Control & Surveillance Unit  
Johor Health Department (Public Health Section)  
Jalan Persiaran Permai, 81200 Johor Bahru  
Tel: 07-2356136 Fax: 07-2356221  
[cprcjkni@moh.gov.my](mailto:cprcjkni@moh.gov.my) [influenzajkni09@gmail.com](mailto:influenzajkni09@gmail.com)

Sumber : [notifikasi/edengue/ewabak/emeasles/buletinMKA](http://notifikasi.edengue/ewabak/emeasles/buletinMKA)

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

DISEASE		EW 07/2017	EW 07/2016	MEDIAN	CUMULATIVE 2016	CUMULATIVE 2017
<b>NOTIFIABLE DISEASES</b>						
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	134	405	100	3436	904(4)
	DENGUE HAEMORRHAGIC FEVER	0	1	1	4	1
5.	DIPHtherIA	0	0	0	0	0
6.	DYSENTERY (all type)	0	0	0	0	2
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	0	0	1	8	9
	FOOD POISONING (case)	0	5	24	497	103
9.	GONOCOCCAL INFECTION (all forms)	4	3	4	23	41
10.	HAND,FOOT&MOUTH DISEASE (HFMD)	114	23	34	158	478
11.	HIV INFECTION (all forms)	10	12	10	73	94
	HIV DEATH	1	1	0	6	3
12.	LEPROSY	0	0	0	0	3
13.	LEPTOSPIROSIS	1	7	5	37	15
14.	MALARIA	0	0	0	3	9
15.	MEASLES	2	25	0	56	19
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)	3	1	1	17	40
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	39	49	39	291	255
	TUBERCULOSIS DEATH	0	2	0	7	2
24.	TYPHOID & PARATYPHOID FEVER	0	0	0	1	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	8	4	3	37	44
	c) Hepatitis C	2	2	2	23	20
	d) Other Hepatitis	0	0	0	1	0
28.	PERTUSSIS	0	0	0	2	0
29.	YELLOW FEVER	0	0	0	0	0
30.	ZIKA	0	0	NA	0	0
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	2	0
2	ACUTE GASTROENTERITIS (AGE)	118	338	568	1313	703
3	FILARIASIS	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	955	1000	166	5961	4911
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	2	18	0	47	77
6	MELIOIDOSIS	0	3	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	NA	0
2.	CHANCROID	0	0	0	0	0
3.	CHOLERA	0	0	0	0	0
4.	DENGUE FEVER	306	939	1168	3436	904(4)
	DENGUE HAEMORRHAGIC FEVER	13	4	1	4	1
5.	DIPHTHERIA	0	0	0	0	0
6.	DYSENTERY (all types)	0	0	1	0	2
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	9	7	11	8	9
	FOOD POISONING (case)	386	152	266	497	103
9.	GONOCOCCAL INFECTION (all forms)	9	9	32	23	41
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	100	84	437	158	478
11.	HIV INFECTION (all forms)	96	68	75	73	94
	HIV DEATH	0	0	0	6	3
12.	LEPROSY	1	1	0	0	3
13.	LEPTOSPIROSIS	7	13	48	37	15
14.	MALARIA	8	0	5	3	9
15.	MEASLES	4	2	0	56	19
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)	11	18	9	17	40
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	251	286	261	291	255
	TUBERCULOSIS DEATH	0	0	0	7	2
24.	TYPHOID & PARATYPHOID FEVER	5	4	3	1	2
25.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
26.	VIRAL ENCEPHALITIS	0	0	0	1	0
27.	VIRAL HEPATITIS					
	a) Hepatitis A	2	1	3	2	0
	b) Hepatitis B	24	17	29	37	44
	c) Hepatitis C	55	14	13	23	20
	d) Other Hepatitis	0	0	1	1	0
28.	PERTUSSIS	0	1	3	2	0
29.	YELLOW FEVER	0	0	0	0	0
30.	ZIKA	NA	NA	NA	0	0
1	ACUTE FLACCID PARALYSIS (AFP)	0	2	0	2	0
2	ACUTE GASTROENTERITIS (AGE)	4636	3893	452	1313	703
3	FILARIASIS	0	2	2	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	1081	968	1025	5961	4911
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	76	1	47	77
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	102	3	2	4	0	2	11	0	8	2	134
	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	0	0	0	0	0	0	0
	FOOD POISONING (case)	0	0	0	0	0	0	0	0	0	0	0
9.	GONOCOCCAL INFECTION (all forms)	4	0	0	0	0	0	0	0	0	0	4
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	69	4	1	2	3	16	7	6	5	1	114
11.	HIV INFECTION (all forms)	1	2	0	0	0	7	0	0	0	0	10
	HIV DEATH	1	0	0	0	0	0	0	0	0	0	1
12.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
13.	LEPTOSPIROSIS	0	0	0	0	0	1	0	0	0	0	1
14.	MALARIA	0	0	0	0	0	0	0	0	0	0	0
15.	MEASLES	2	0	0	0	0	0	0	0	0	0	2
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	0	0	0	0	0	0	0	0	0	3
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	11	0	3	1	16	0	1	3	4	0	39
	TUBERCULOSIS DEATH	0	0	0	0	0	0	0	0	0	0	0
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	5	0	0	1	1	1	0	0	0	0	8
	c) Hepatitis C	0	0	0	0	0	2	0	0	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
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)	30	0	0	0	0	0	88	0	0	0	118
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	955	0	0	0	0	0	0	0	0	0	955
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	2	0	0	0	0	0	0	0	0	0	2
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	669(2)	40	16	15	25	31(1)	45(1)	7	41	15	904(4)
	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)	2	0	0	0	0	0	0	0	0	0	2
7.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
8.	FOOD POISONING (episode)	3	4	0	1	0	1	0	0	0	0	9
	FOOD POISONING (case)	54	20	0	19	0	10	0	0	0	0	103
9.	GONOCOCCAL INFECTION (all forms)	25	5	0	0	6	1	0	3	1	0	41
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	253	24	18	8	25	82	24	15	23	6	478
11.	HIV INFECTION (all forms)	64	6	3	0	8	8	0	1	3	1	94
	HIV DEATH	1	0	0	0	1	0	0	0	1	0	3
12.	LEPROSY	2	1	0	0	0	0	0	0	0	0	3
13.	LEPTOSPIROSIS	4	0	0	0	1	1	7	0	0	2	15
14.	MALARIA	3	0	0	0	0	0	1	0	3	2	9
15.	MEASLES	10	3	2	0	0	1	0	3	0	0	19
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)	32	3	1	0	3	0	0	1	0	0	40
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	125	17	7	6	44	13	7	13	14	9	255
	TUBERCULOSIS DEATH	1	0	0	0	0	0	0	1	0	0	2
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	34	1	1	1	3	3	0	0	1	0	44
	c) Hepatitis C	4	1	0	0	2	11	0	1	1	0	20
	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)	156	0	0	0	0	0	357	0	128	62	703
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	4911	0	0	0	0	0	0	0	0	0	4911
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	77	0	0	0	0	0	0	0	0	0	77
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	0	0	1	0	0	0	0	1
2	CHICKEN POX	1	1	0	0	0	0	0	0	0	0	2
3	CONJUNCTIVITIS	0	0	0	0	0	0	0	0	0	0	0
4	FOOD POISONING	3	4	0	1	0	1	0	0	0	0	9
5	HAND, FOOT & MOUTH DISEASE (HFMD)	3	1	0	0	0	3	0	0	0	0	7
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	2	0	0	0	0	0	0	0	0	0	2
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	0	0	0	0	0	0	0	0	1
13	TYPHOID	0	0	0	0	0	0	1	0	0	0	1

## 6. INFLUENZA SURVEILLANCE 2017, JOHORE STATE

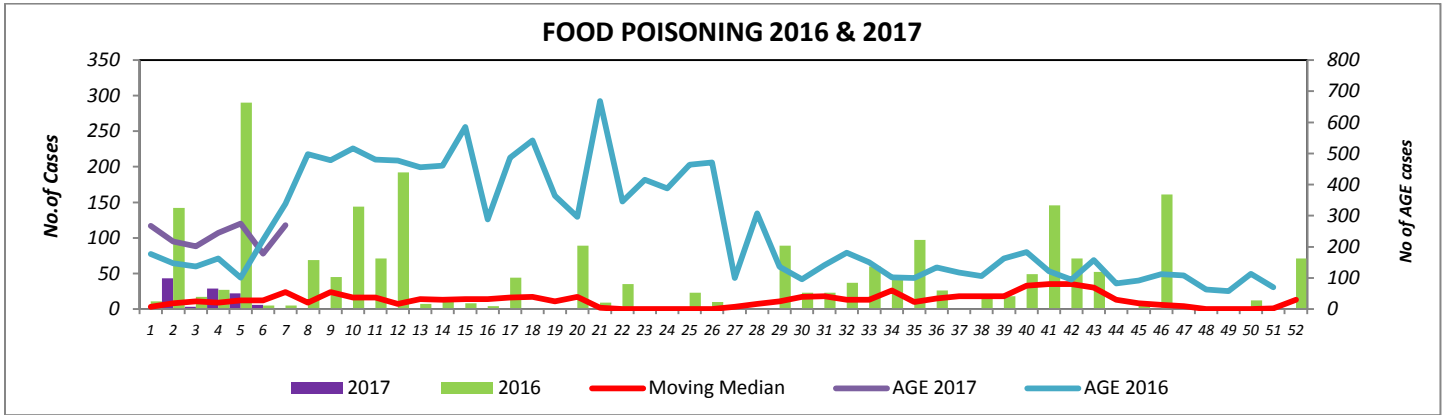
### 6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 07					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	81	194	475	205	955	405	710	2497	1289	4901
Total Outpatient Attendances	141	665	2685	1403	4894	773	2046	17045	10150	30014

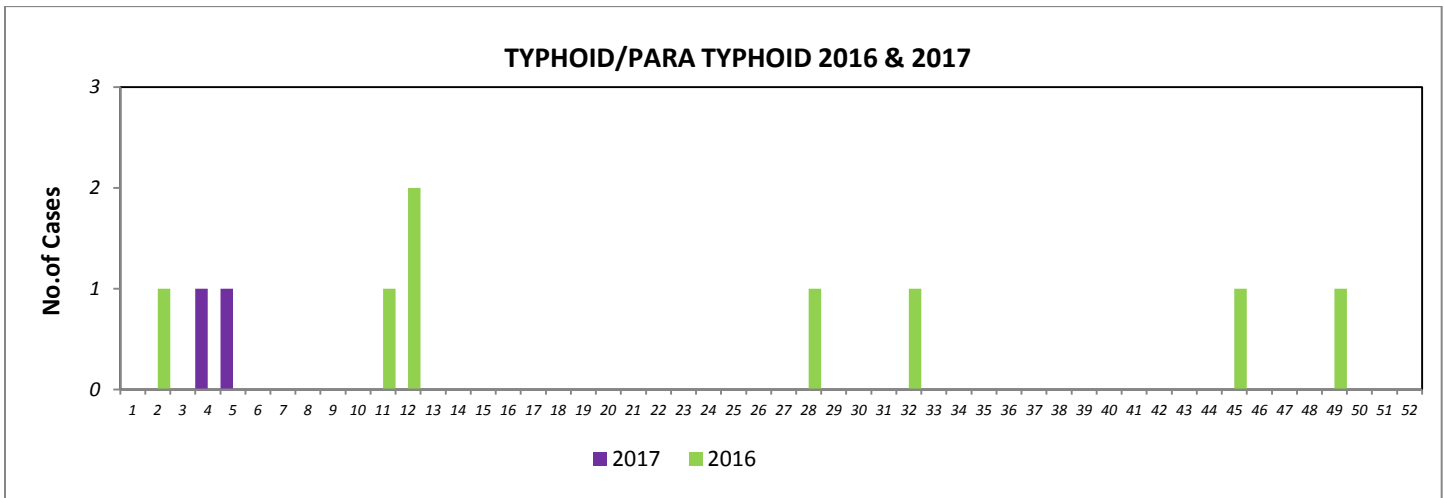
### 6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 07			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)	2	0	2	56	21	77

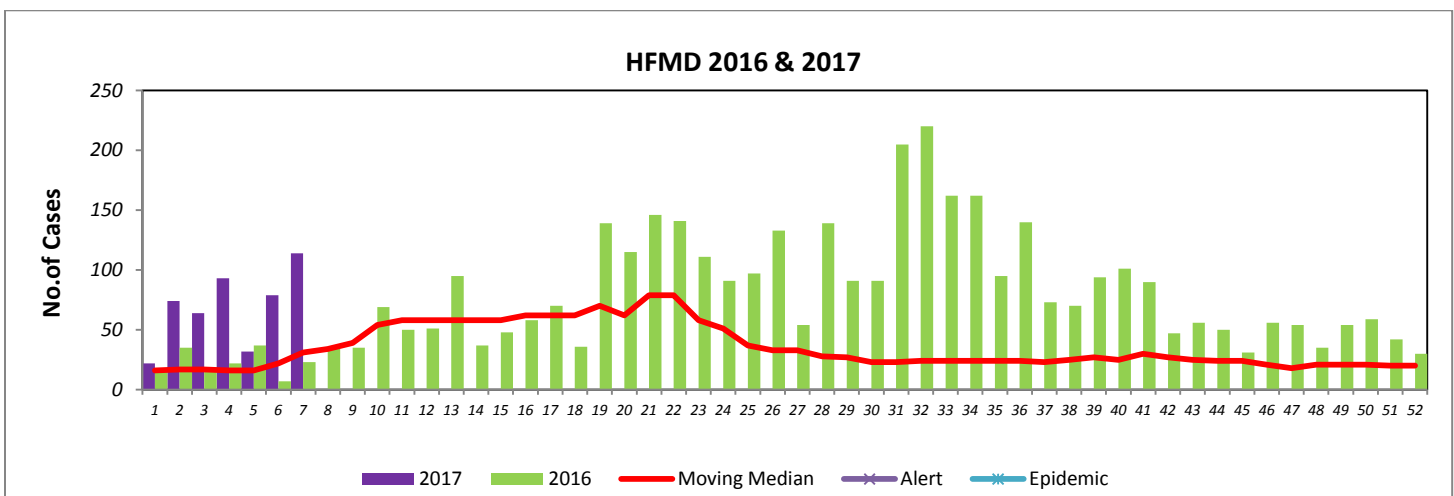
**7. WEEKLY CASES OF FOOD POISONING, 2016—2017**



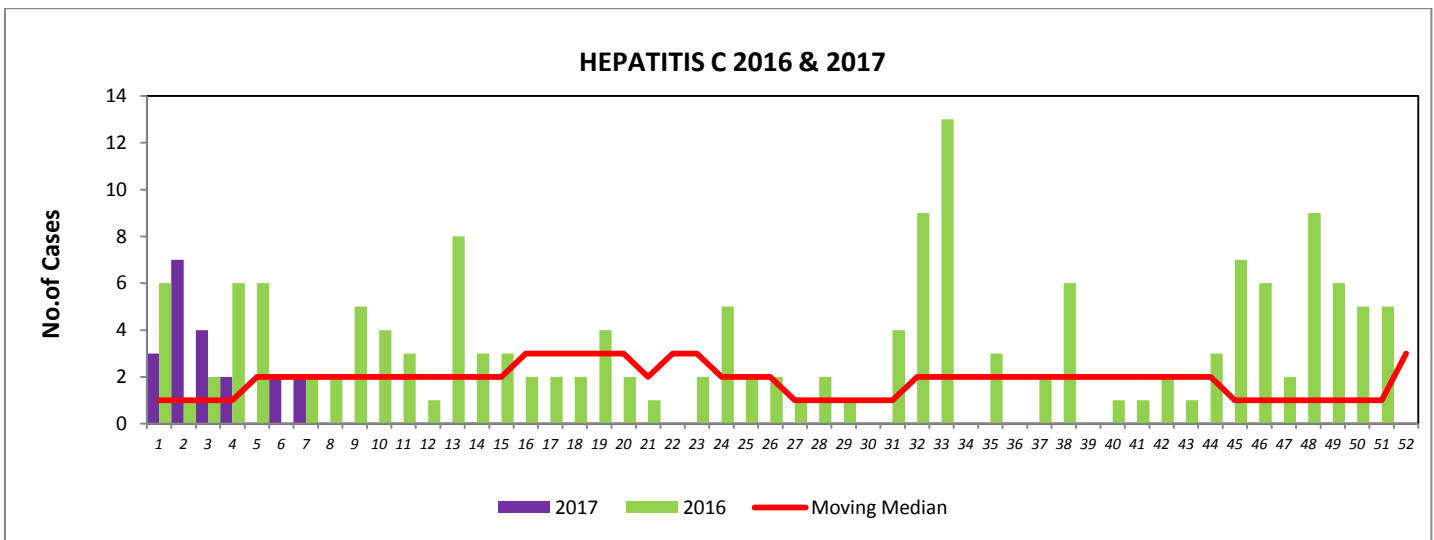
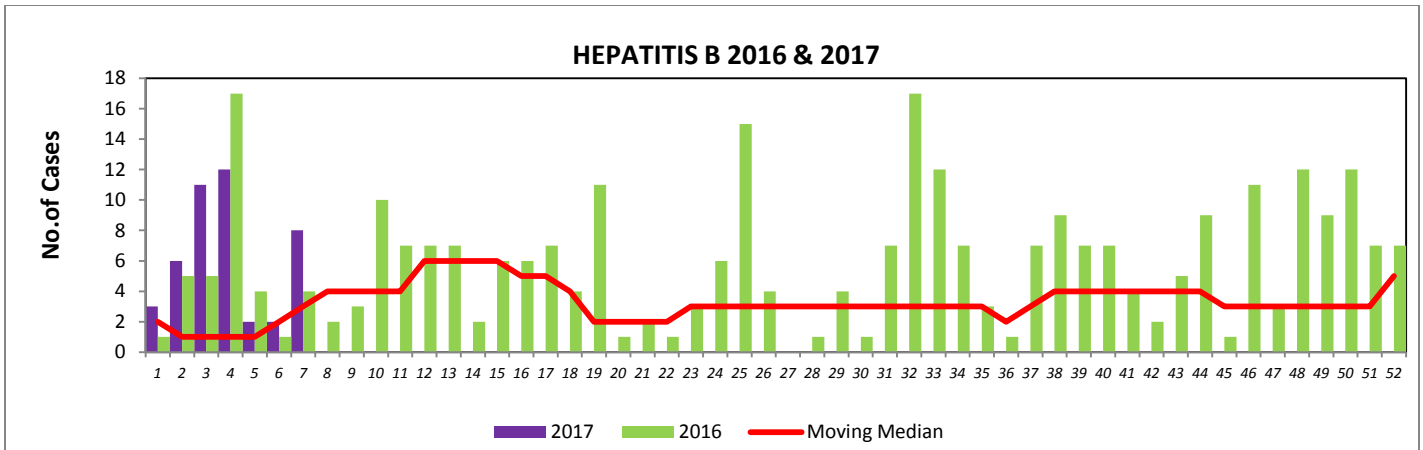
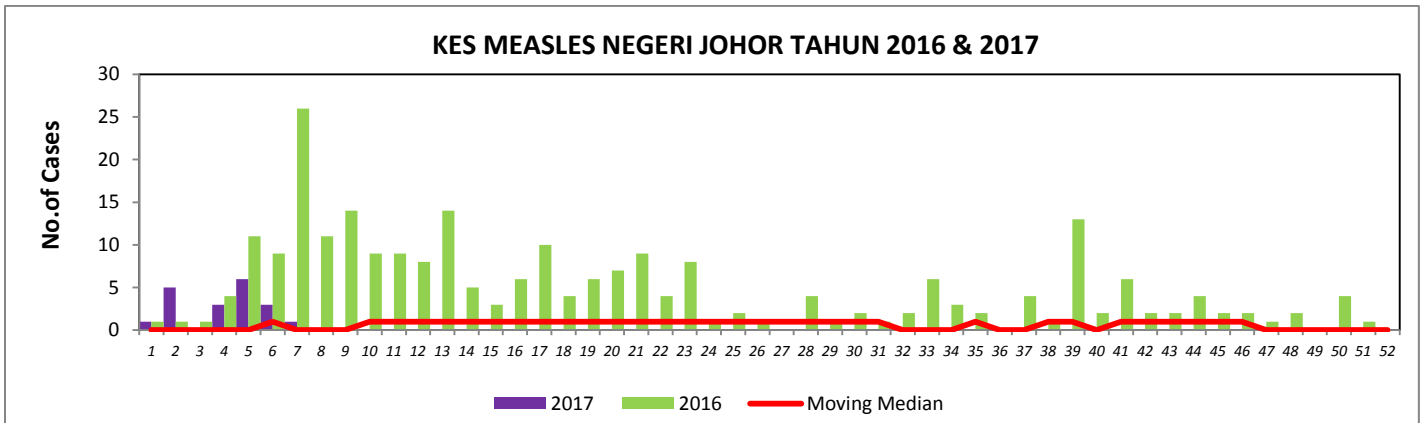
**8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2016—2017**



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



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





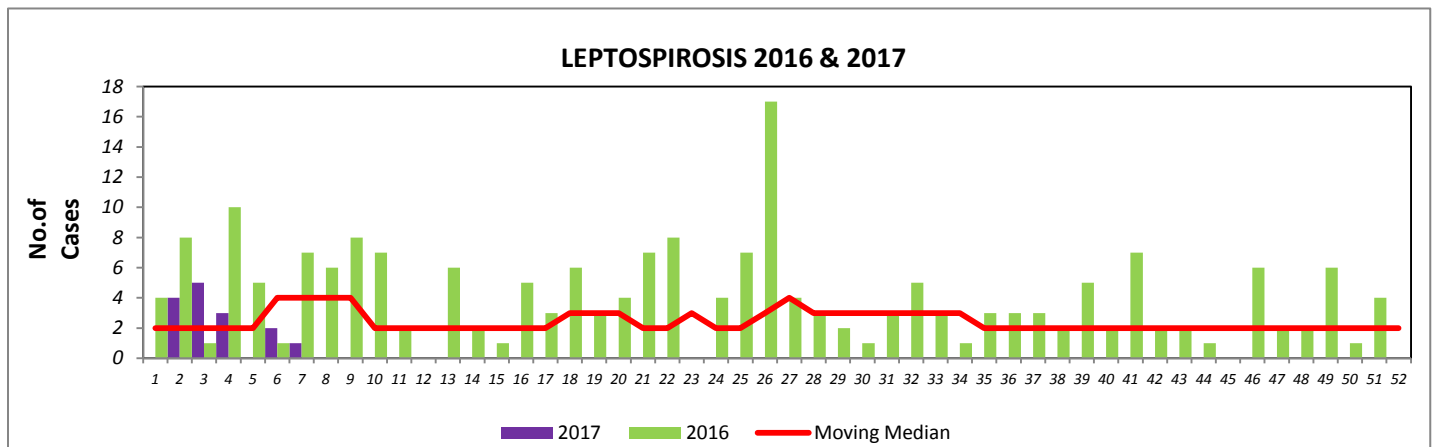
## 10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	1
Epidemiologically confirmed	0
Lab confirmed	19
Discarded	29
Pending	7

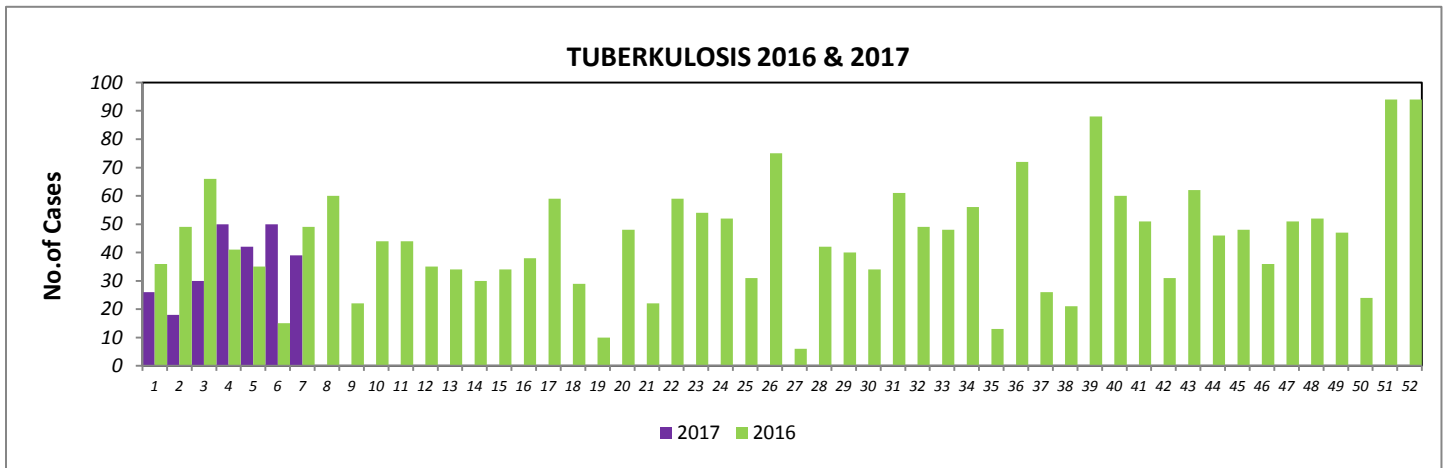
Total notifications	56
Incidence rate	15.4 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	43%	100%
Cases investigated within 48 hours	95%	>80%
Sample taken for confirmation	93%	>80%
Cases classified	88%	100%
Confirmed case with source of infection identified	84%	>80%
Death	0	0

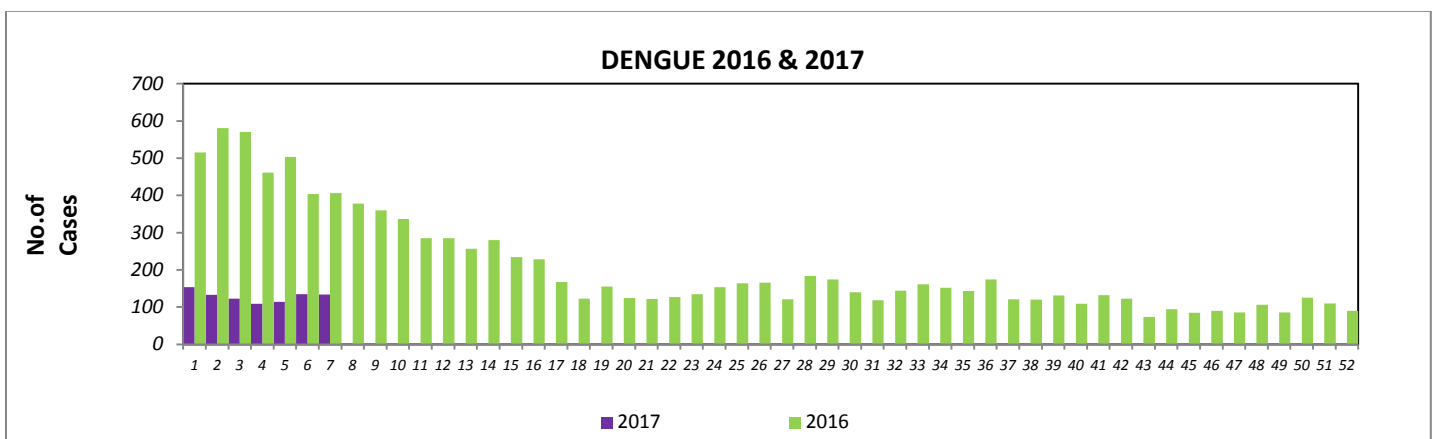
## 11. LEPTOSPIROSIS



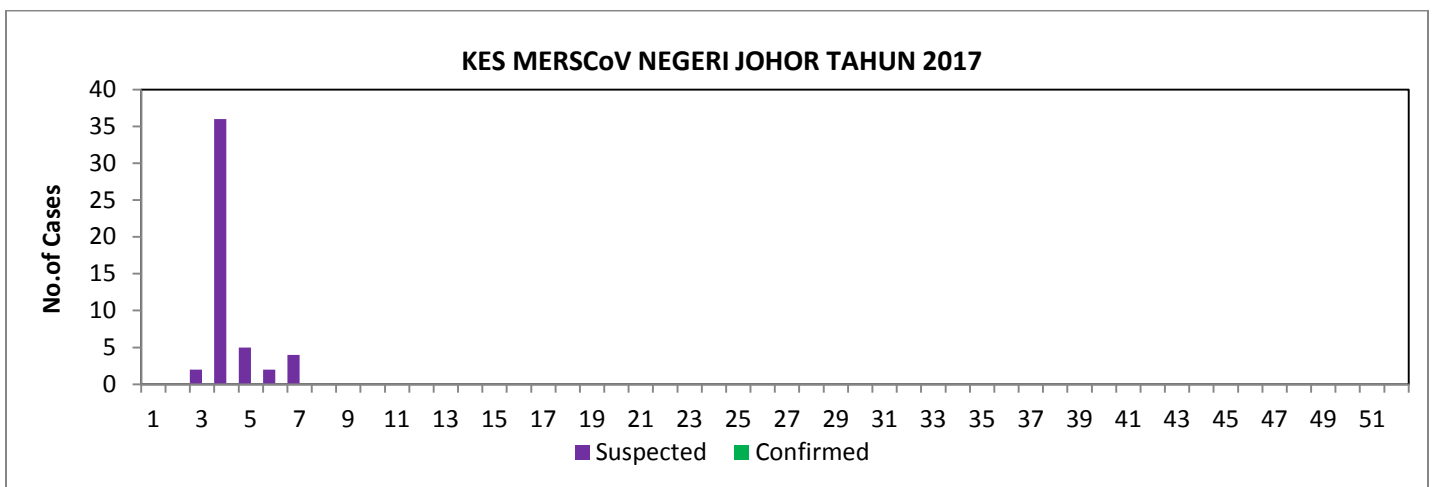
## 12. TUBERCULOSIS



## 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 06 2017	2016	Cumulative 2017	2016	EW 06 2017	2016	Cumulative 2017	2016
1 <i>Salmonella typhi/Salmonella spp.</i>	33	1	122	151	0	0	5	2
2 <i>Yersinia enterocolitica</i>	4	0	65	105	0	0	0	0
3 <i>Vibrio cholerae/Vibro para</i>	4	0	65	105	0	0	0	0
4 <i>Plesiomonas shigelloides/spp</i>	4	0	65	105	0	0	0	0
5 <i>Enteropathogenic E.coli (EPEC,EHEC)</i>	4	0	65	105	0	0	0	0
6 <i>Aeromonas hydrophilia/spp</i>	4	0	65	105	0	0	0	0
7 <i>Shigella spp.</i>	4	0	65	105	0	0	0	0
8 <i>Bacillus cereus (positive enterotoxin)</i>	4	0	65	105	0	0	0	0
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	4	0	65	105	0	1	3	1
10 <i>Campylobacter jejuni/coli/spp</i>	4	0	65	105	0	0	0	0

## 16. INFLUENZA SURVEILLANCE

