

EPIDEMIOLOGICAL BULLETIN

EPID WEEK 21

DATE : 21.05.2017 – 27.05.2017

OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 21

No	District	Locality	Disease /Event	Number Of Cases
1	Kota Tinggi	Petrofac, Rapid Camp Pengerang	Measles	15
2	Muar	Tadika Sri Mas , No. 98, Jalan Merah 5, Taman Mas Merah, Sg Abong, Muar	Influenza A	16
3	Muar	Tadika Pasti Al-Aziz, No.47, Jln Cempaka Sari 4, Taman Sri Cempaka, Jln Junid, Muar	HFMD	3

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

On 13 May 2017, the National Health and Family Planning Commission of China (NHFPC) notified WHO of 23 additional laboratory-confirmed cases of human infection with avian influenza A(H7N9) virus in China. Onset dates ranged from 11 April to 6 May 2017. Of these 23 case patients, ten were female. The median age was 58 years (range 31 to 83 years). The case patients were reported from Beijing (2), Fujian (1), Gansu (1), Hebei (5), Henan (3), Hubei (1), Jiangsu (2), Shaanxi (3), Sichuan (3), Tianjin (1), and Zhejiang (1).

At the time of notification, there were seven deaths, 15 case patients were diagnosed as having either pneumonia (5) or severe pneumonia (10), and one case was mild. To date, a total of 1486 laboratory-confirmed human infections with avian influenza A(H7N9) virus have been reported through IHR notification since early 2013-WHO

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Circulating vaccine-derived poliovirus type 2 (cVDVP2) in Democratic Republic of Congo

In the Democratic Republic of Congo (DR Congo), **two separate circulating vaccine-derived poliovirus type 2s (cVDVP2s) have been confirmed.** The first cVDVP2 strain has been isolated from two acute flaccid paralysis (AFP) cases from two districts in Haut-Lomami province, with onset of paralysis on 20 February and 8 March 2017. The second cVDVP2 strain has been isolated from Maniema province, from two AFP cases (with onset of paralysis on 18 April and 8 May) and a healthy contact in the community.

The Ministry of Health, supported by WHO and partners of the Global Polio Eradication Initiative (GPEI), is implementing a risk analysis, including assessing overall population immunity levels and strengthening active searches for additional potential cases of AFP.

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

DISEASE		EW 21/2017	EW 20/2016	MEDIAN	CUMULATIVE 2016	CUMULATIVE 2017
NOTIFIABLE DISEASES						
1.	AVIAN INFLUENZA	0	0	NA	0	0
2.	CHANCROID	0	0	0	0	1
3.	CHOLERA	0	0	0	0	0
4.	DENGUE FEVER	186	122	90	6770	2884(10)
	DENGUE HAEMORRHAGIC FEVER	0	0	0	4	3
5.	DIPHTHERIA	0	0	0	0	0
6.	DYSENTERY (all type)	0	0	0	2	6
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	1	4	0	33	24
	FOOD POISONING (case)	2	9	1	1191	527
9.	GONOCOCCAL INFECTION (all forms)	2	1	5	106	130
10.	HAND,FOOT&MOUTH DISEASE (HFMD)	35	146	79	1141	1391
11.	HIV INFECTION (all forms)	31	7	8	232	298
	HIV DEATH	2	2	0	21	30
12.	LEPROSY	0	0	0	3	5
13.	LEPTOSPIROSIS	5	7	2	97	77(3)
14.	MALARIA	2	0	1	5	22
15.	MEASLES	4	9	1	168	82
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)	0	1	0	57	109
22.	TETANUS (Neonatorum / Adult)	0	0	0	1	0
23.	TUBERCULOSIS (all forms)	45	22	40	800	805
	TUBERCULOSIS DEATH	0	0	0	19	13
24.	TYPHOID & PARATYPHOID FEVER	1	0	0	4	4
25.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
26.	VIRAL ENCEPHALITIS	0	0	0	1	1
27.	VIRAL HEPATITIS					
	a) Hepatitis A	0	0	0	3	1
	b) Hepatitis B	3	2	4	112	120(1)
	c) Hepatitis C	0	1	3	65	68(2)
	d) Other Hepatitis	0	0	0	2	0
28.	PERTUSSIS	0	0	0	6	3
29.	YELLOW FEVER	0	0	0	0	0
30.	ZIKA	0	0	NA	0	1
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	2	5
2	ACUTE GASTROENTERITIS (AGE)	369	668	564	7908	3738(1)
3	FILARIASIS	3	0	0	4	20
4	INFLUENZA-LIKE ILLNESS (ILI)	930	848	134	17589	16299
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	29	17	0	216	449
6	MELIOIDOSIS	0	0	0	14	7(2)
7	BRUCELLOSIS	0	0	0	7	1
8	CHIKUNGUNYA	0	NA	NA	NA	24

2. COMMUNICABLE DISEASES 2013 – 2017, JOHORE STATE

DISEASE		2013	2014	2015	2016	2017
NOTIFIABLE DISEASES						
1.	AVIAN INFLUENZA	NA	NA	NA	0	0
2.	CHANCROID	0	0	0	0	1
3.	CHOLERA	0	0	0	0	0
4.	DENGUE FEVER	1092	2041	2983	6770	2884(10)
	DENGUE HAEMORRHAGIC FEVER	31	13	3	4	3
5.	DIPHTHERIA	0	0	0	0	0
6.	DYSENTERY (all types)	0	1	3	2	6
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	16	26	22	33	24
	FOOD POISONING (case)	593	980	606	1191	527
9.	GONOCOCCAL INFECTION (all forms)	32	39	121	106	130
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	822	908	1428	1141	1391
11.	HIV INFECTION (all forms)	250	238	319	232	298
	HIV DEATH	0	0	0	21	30
12.	LEPROSY	5	4	6	3	5
13.	LEPTOSPIROSIS	21	77	157	97	77(3)
14.	MALARIA	25	14	10	5	22
15.	MEASLES	7	4	12	168	82
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)	16	36	43	57	109
22.	TETANUS (Neonatorum / Adult)	0	1	0	1	0
23.	TUBERCULOSIS (all forms)	761	837	1018	800	805
	TUBERCULOSIS DEATH	0	0	0	19	13
24.	TYPHOID & PARATYPHOID FEVER	5	6	7	4	4
25.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
26.	VIRAL ENCEPHALITIS	0	0	0	1	1
27.	VIRAL HEPATITIS					
	a) Hepatitis A	2	3	3	3	1
	b) Hepatitis B	71	72	115	112	120(1)
	c) Hepatitis C	95	63	64	65	68(2)
	d) Other Hepatitis	0	0	1	2	0
28.	PERTUSSIS	0	1	4	6	3
29.	YELLOW FEVER	0	0	0	0	0
30.	ZIKA	NA	NA	NA	0	1
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	4	1	2	5
2	ACUTE GASTROENTERITIS (AGE)	14858	12097	1286	7908	3738(1)
3	FILARIASIS	0	8	13	4	20
4	INFLUENZA-LIKE ILLNESS (ILI)	3157	2967	2636	17589	16299
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	213	4	216	449
6	MELIOIDOSIS	0	0	0	14	7(2)
7	BRUCELLOSIS	0	0	0	7	1
8	CHIKUNGUNYA	0	0	0	NA	24

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	156	7	5	0	8	2	3	0	4	1	186
	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	1	0	0	0	0	0	0	0	0	1
	FOOD POISONING (case)	0	2	0	0	0	0	0	0	0	0	2
9.	GONOCOCCAL INFECTION (all forms)	0	1	0	1	0	0	0	0	0	0	2
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	14	3	9	1	1	3	1	0	0	3	35
11.	HIV INFECTION (all forms)	29	0	0	0	1	0	0	0	1	0	31
	HIV DEATH	0	0	1	0	1	0	0	0	0	0	2
12.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
13.	LEPTOSPIROSIS	2	0	1	1	0	1	0	0	0	0	5
14.	MALARIA	0	0	0	0	0	0	1	0	1	0	2
15.	MEASLES	4	0	0	0	0	0	0	0	0	0	4
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)	0	0	0	0	0	0	0	0	0	0	0
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	12	4	0	0	8	0	5	6	9	1	45
	TUBERCULOSIS DEATH	0	0	0	0	0	0	0	0	0	0	0
24.	TYPHOID & PARATYPHOID FEVER	1	0	0	0	0	0	0	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	0	1	2	0	0	0	0	0	0	0	3
	c) Hepatitis C	0	0	0	0	0	0	0	0	0	0	0
	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
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	2	47	0	157	0	63	0	45	23	369
3	FILARIASIS	0	0	0	1	0	0	0	0	2	0	3
4	INFLUENZA-LIKE ILLNESS (ILI)	930	0	0	0	0	0	0	0	0	0	930
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	29	0	0	0	0	0	0	0	0	0	29
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	CHIKUNGUNYA	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	1	0	0	0	0	0	0	0	0	0	1
3.	CHOLERA	0	0	0	0	0	0	0	0	0	0	0
4.	DENGUE FEVER	2254(6)	118	43	24	91	79(2)	99(2)	87	59	30	2884(10)
	DENGUE HAEMORRHAGIC FEVER	2	0	0	0	0	1	0	0	0	0	3
5.	DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0
6.	DYSENTERY (all types)	5	1	0	0	0	0	0	0	0	0	6
7.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
8.	FOOD POISONING (episode)	5	9	1	2	1	2	1	0	2	1	24
	FOOD POISONING (case)	111	54	46	43	11	49	131	0	44	38	527
9.	GONOCOCCAL INFECTION (all forms)	67	15	1	2	22	5	2	5	7	4	130
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	716	75	81	25	73	244	41	29	75	32	1391
11.	HIV INFECTION (all forms)	199	14	14	1	27	16	7	7	8	5	298
	HIV DEATH	8	1	3	1	7	4	4	0	2	0	30
12.	LEPROSY	2	1	1	0	0	1	0	0	0	0	5
13.	LEPTOSPIROSIS	15(2)	1	13	4	1	8	20	4(1)	6	5	77(3)
14.	MALARIA	5	0	1	0	0	0	2	0	12	2	22
15.	MEASLES	68	5	3	1	0	3	0	2	0	0	82
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)	75	8	2	0	9	8	1	3	1	2	109
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	365	53	39	24	94	52	43	45	64	26	805
	TUBERCULOSIS DEATH	4	0	0	3	1	1	0	1	3	0	13
24.	TYPHOID & PARATYPHOID FEVER	1	0	1	0	0	0	1	1	0	0	4
25.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0	0	0	0	0	0	0
26.	VIRAL ENCEPHALITIS	0	0	1	0	0	0	0	0	0	0	1
27.	VIRAL HEPATITIS											
	a) Hepatitis A	0	0	0	1	0	0	0	0	0	0	1
	b) Hepatitis B	71	2	8(1)	4	14	6	3	5	6	1	120(1)
	c) Hepatitis C	15	5	5	1	10	19	2	6(1)	4(1)	1	68(2)
	d) Other Hepatitis	0	0	0	0	0	0	0	0	0	0	0
28.	WHOOPING COUGH	2	0	1	0	0	0	0	0	0	0	3
29.	YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	0
30.	ZIKA	0	0	0	0	1	0	0	0	0	0	1
OTHER DISEASES UNDER SURVEILLANCE												
1	ACUTE FLACCID PARALYSIS (AFP)	2	0	0	0	2	0	1	0	0	0	5
2	ACUTE GASTROENTERITIS (AGE)	466	9	171	0	679	132	1154	0	825(1)	302	3738(1)
3	FILARIASIS	0	1	0	1	4	0	0	2	12	0	20
4	INFLUENZA-LIKE ILLNESS (ILI)	16299	0	0	0	0	0	0	0	0	0	16299
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	449	0	0	0	0	0	0	0	0	0	449
6	MELIOIDOSIS	4(1)	0	0	0	0	2	1(1)	0	0	0	7(2)
7	BRUCELLOSIS	0	0	0	0	0	0	1	0	0	0	1
8	CHIKUNGUNYA	8	0	1	0	12	3	0	0	0	0	24

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	2	0	0	0	0	3
2	CHICKEN POX	3	1	0	0	0	0	0	0	0	0	4
3	CONJUNCTIVITIS	0	0	0	0	0	0	0	0	0	0	0
4	FOOD POISONING	6	9	1	2	1	2	1	0	3	1	27
5	HAND, FOOT & MOUTH DISEASE (HFMD)	7	2	2	0	0	3	0	0	1	1	16
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	5	0	1	1	0	0	0	0	0	0	7
8	LEPTOSPIROSIS	0	0	0	0	0	0	0	0	0	0	0
9	MEASLES	3	0	1	0	0	0	0	0	1	0	5
10	MUMPS	0	0	0	0	0	0	0	0	0	0	0
11	UPPER RESPIRATORY TRACT INFECTION (URTI)/	1	0	0	0	0	0	0	0	1	0	2
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
14	SCABIES	1	0	0	0	0	2	0	0	0	0	3

6. INFLUENZA SURVEILLANCE 2017, JOHORE STATE

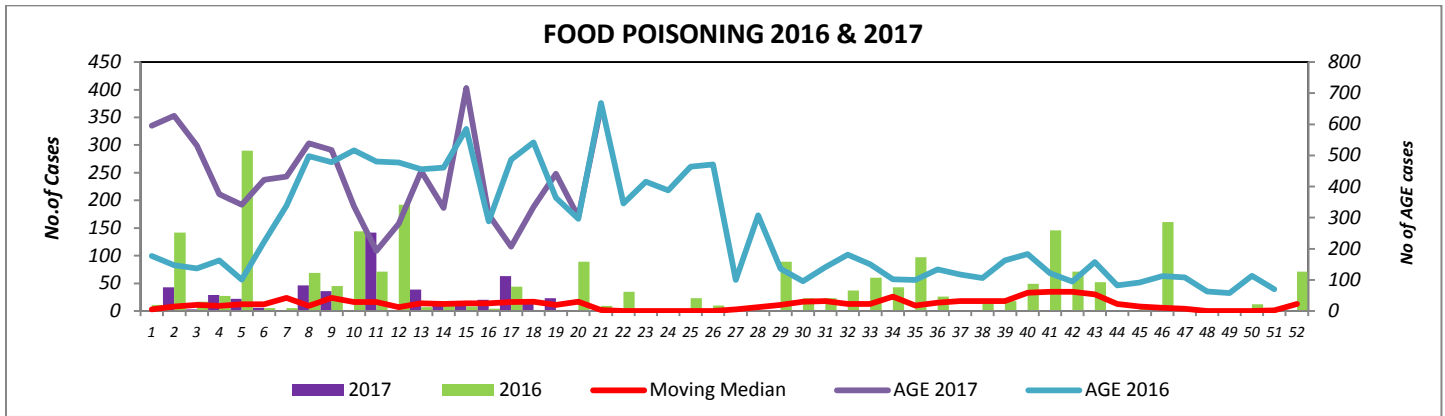
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

	EW 21					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
ILI Surveillance										
Number of ILI Cases	90	146	398	290	924	1450	2079	7496	4344	15369
Total Outpatient Attendances	187	256	2890	1828	5161	3023	5346	48140	29512	86021

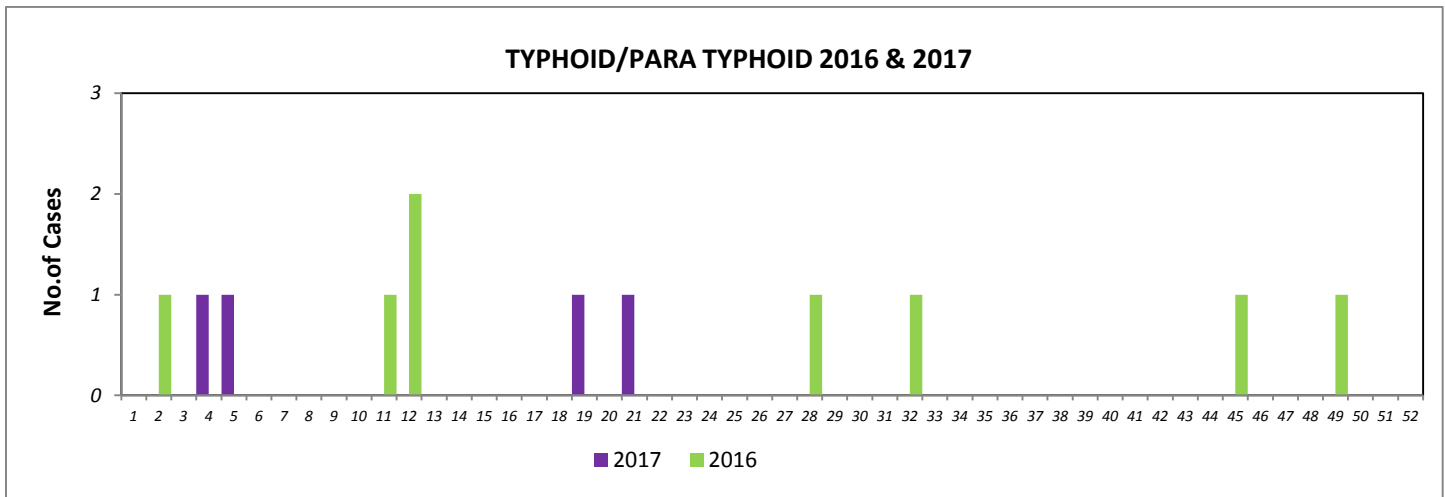
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

	EW 21			CUMULATIVE		
	Paediatric Patients (< 13 years)	Adults Patients (≥ 13 years)	Total	Paediatric Patients (< 13 years)	Adults Patients (≥ 13 years)	Total
sARI Surveillance						
Number of SARI Cases (New Admission)	26	3	29	374	97	471

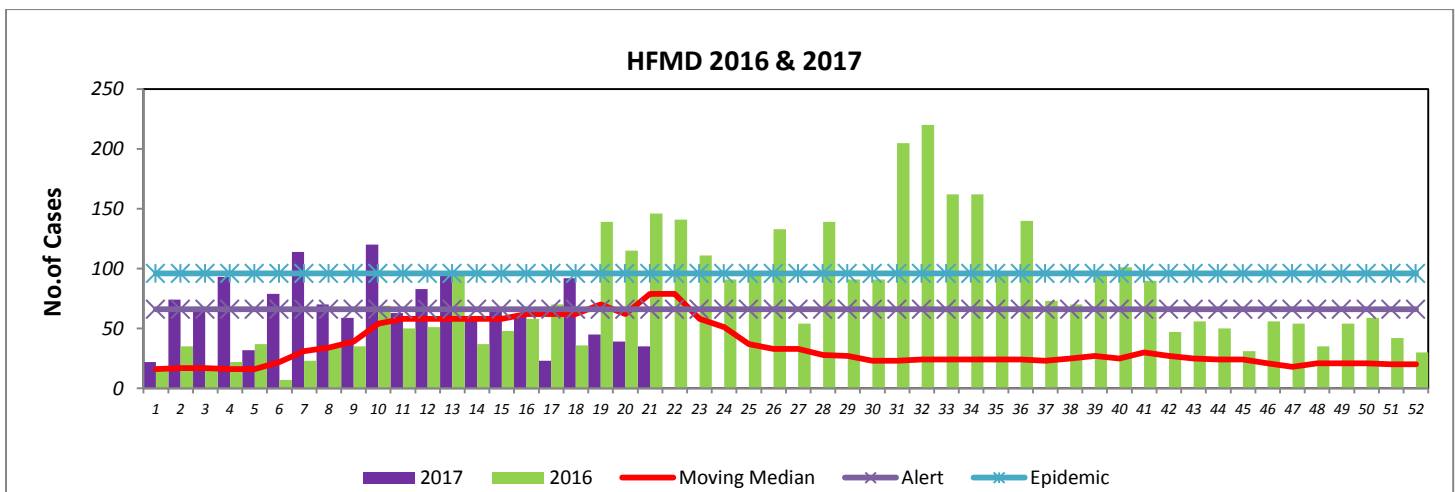
7. WEEKLY CASES OF FOOD POISONING, 2016—2017



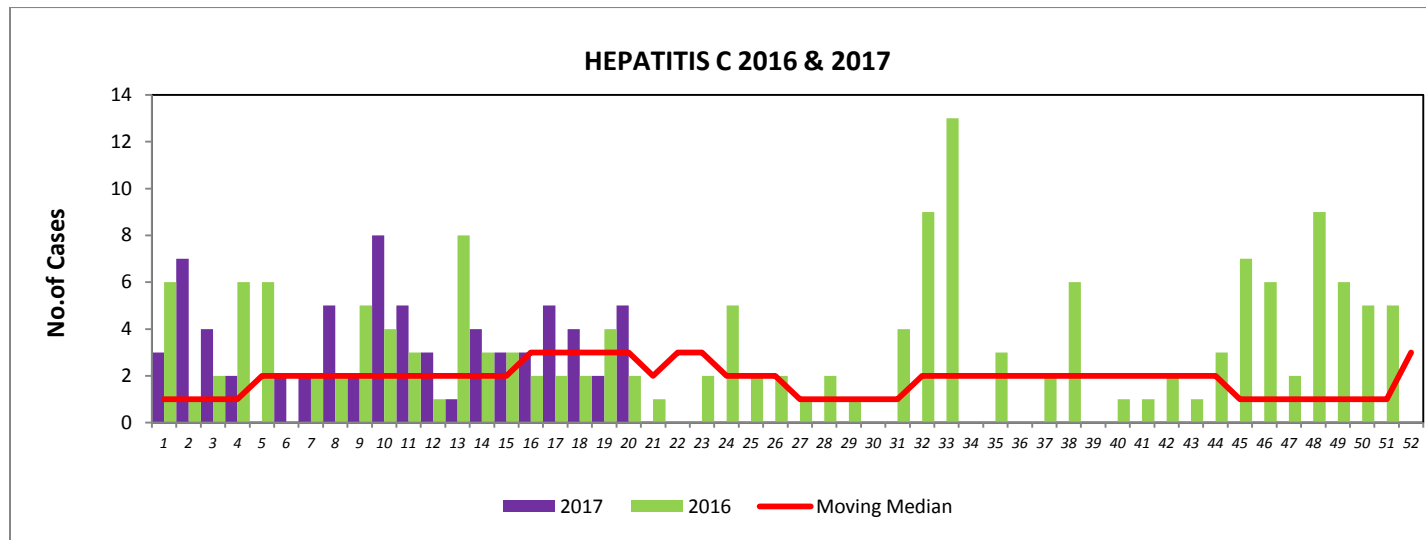
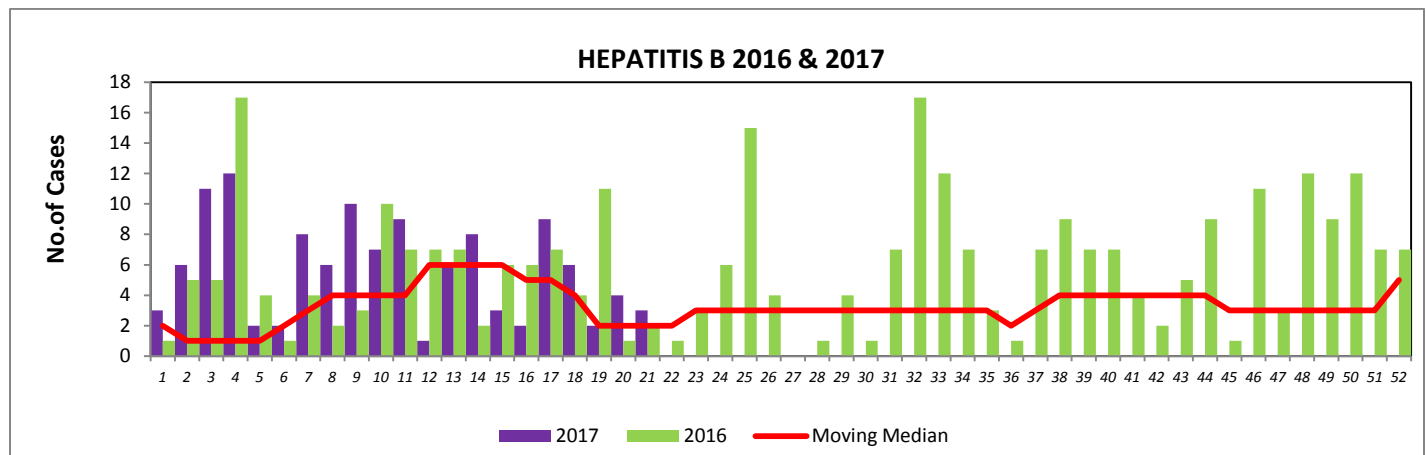
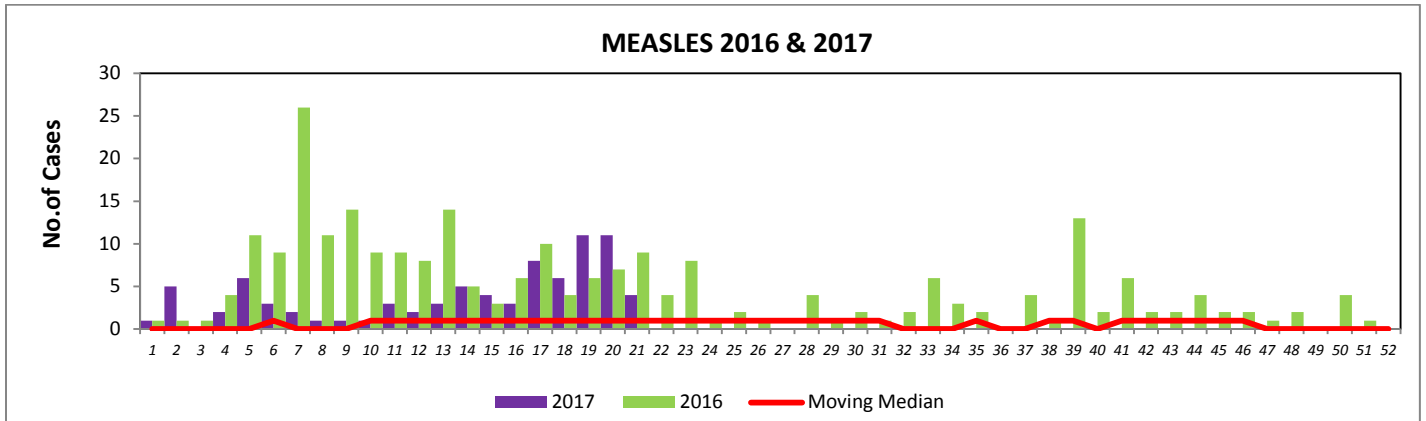
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2016—2017



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



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



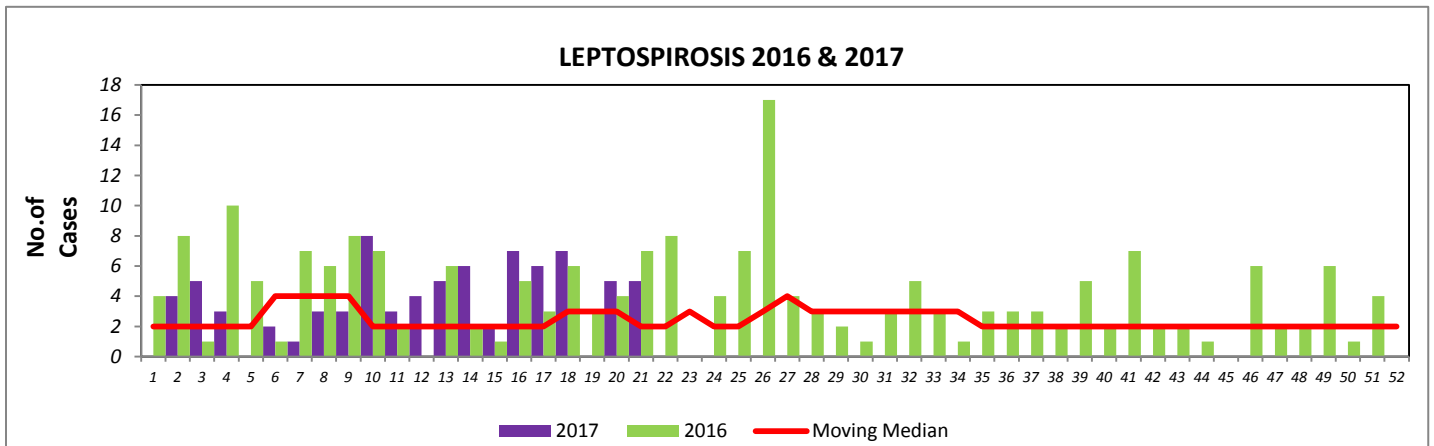
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	3
Epidemiologically confirmed	0
Lab confirmed	82
Discarded	126
Pending	27

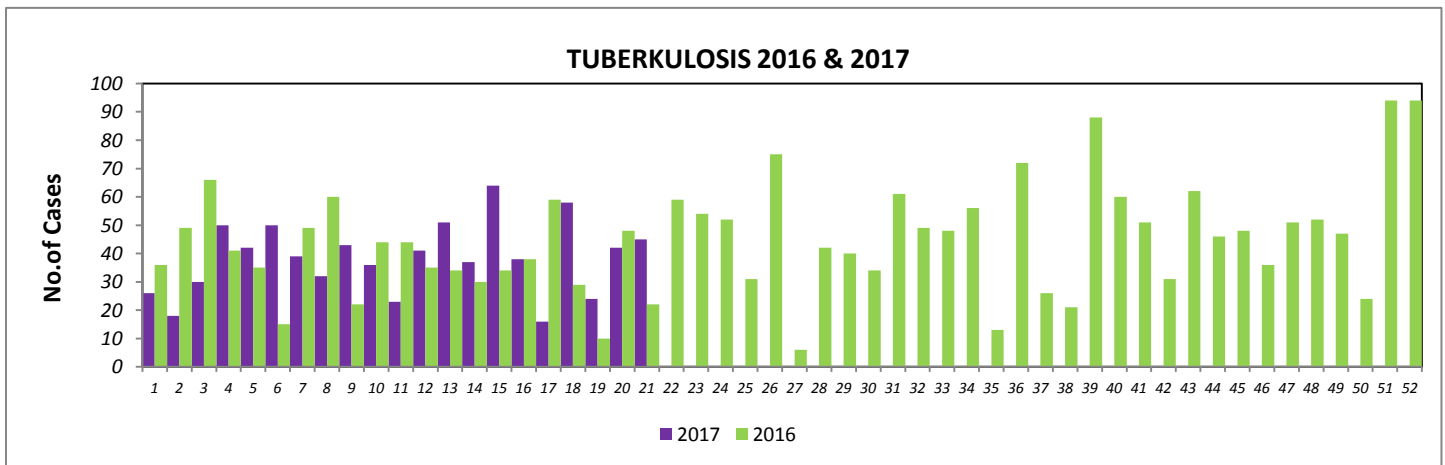
Total notifications	238
Incidence rate	65.6 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	54%	100%
Cases investigated within 48 hours	93%	>80%
Sample taken for confirmation	90%	>80%
Cases classified	89%	100%
Confirmed case with source of infection identified	89%	>80%
Death	0	0

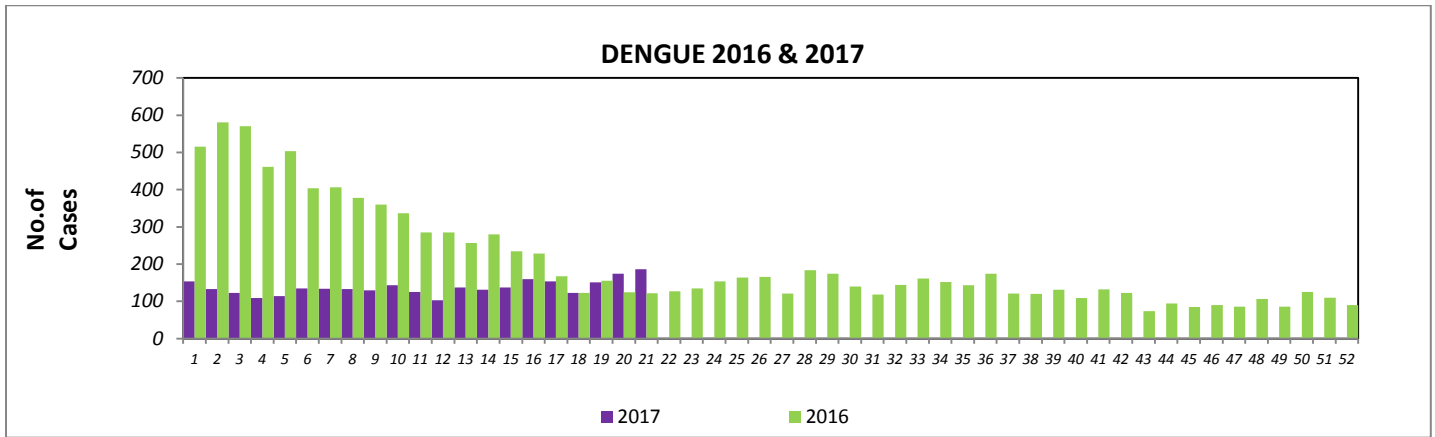
11. LEPTOSPIROSIS



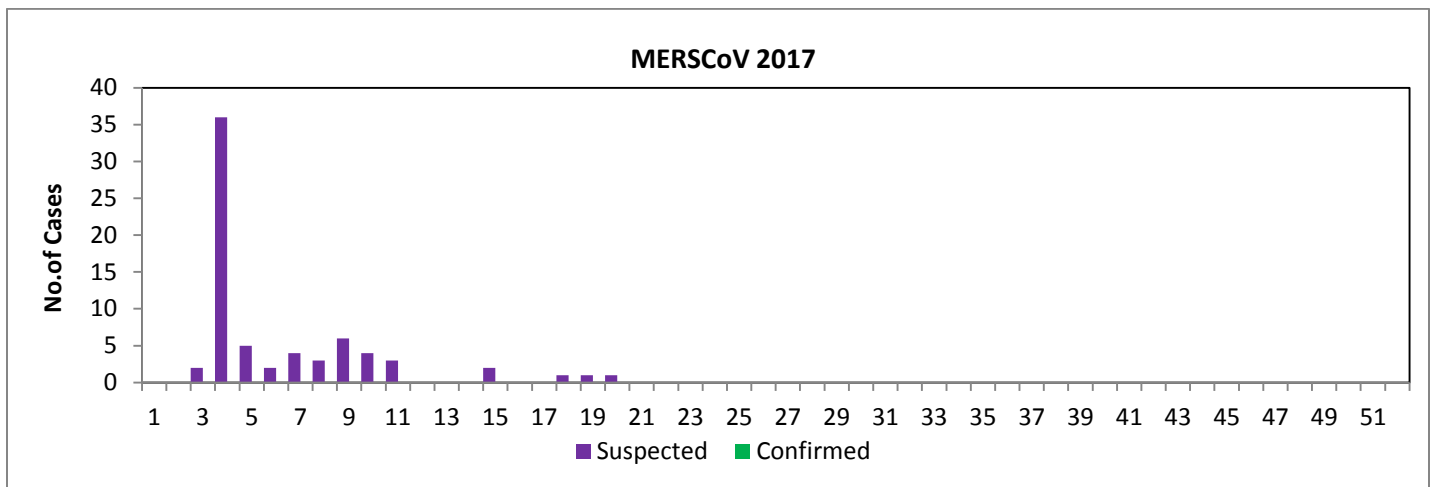
12. TUBERCULOSIS



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 20 2017	Cumulative 2016	EW 20 2017	Cumulative 2016
1 <i>Salmonella typhi</i> / <i>Salmonella spp.</i>	21	52	0	15
2 <i>Yersinia enterocolitica</i>	8	35	0	0
3 <i>Vibrio cholerae</i> / <i>Vibro para</i>	8	35	4	4
4 <i>Plesiomonas shigelloides</i> / <i>spp</i>	8	35	0	1
5 <i>Enteropathogenic E.coli (EPEC, EHEC)</i>	8	35	0	0
6 <i>Aeromonas hydrophilia</i> / <i>spp</i>	8	35	0	0
7 <i>Shigella spp.</i>	8	35	0	2
8 <i>Bacillus cereus (positive enterotoxin)</i>	8	35	0	0
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	8	35	0	10
10 <i>Campylobacter jejuni/coli/spp</i>	8	35	0	1

16. INFLUENZA SURVEILLANCE

