

OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 09

No	District	Locality	Disease /event	Number of cases
1	Kulai	Blok Ma 7, Kolej Tun Dr Ismail (KTDI) Universiti Teknologi Malaysia (UTM) 81310 Skudai	Food Poisoning	4

KES DENGGI DILAPORKAN PADA MINGGU 08/2017 (19 Februari hingga 25 Februari 2016)

Bil.	Negeri	Bilangan Kes dan Kematian di laporkan				Jumlah Terkumpul kes denggi sehingga minggu 08/2017		Jumlah Terkumpul kes denggi sehingga minggu 08/2016	
		Minggu 08 (19 Feb – 25 Feb 2017)		Minggu 07 (12 Feb – 18 Feb 2017)		Kes	Mati	Kes	Mati
		Kes	Mati	Kes	Mati				
1	Perlis	7	0	8	0	37	0	52	0
2	Kedah	31	0	20	0	217	1	186	1
3	P. Pinang	30	0	36	1	324	4	1213	9
4	Perak	225	1	175	0	1,223	5	977	0
5	Selangor	994	2	1047	0	7,687	8	12776	17
6	WP KL & Putrajaya	169	1	148	2	1,177	9	1678	2
7	N. Sembilan	66	1	74	1	556	5	680	5
8	Melaka	51	0	31	0	349	0	554	1
9	Johor	133	0	135	0	1,039	4	3792	3
10	Pahang	47	0	42	0	412	0	654	2
11	Terengganu	8	0	9	0	57	0	1100	9
12	Kelantan	107	1	107	0	766	1	518	1
13	Sarawak	24	0	37	1	308	1	391	3
14	Sabah	45	0	46	0	361	2	830	1
15	WP Labuan	0	0	0	0	0	0	2	0
MALAYSIA		1,937	6	1915	5	14,513	40	25403	54

* Sumber : Bilik Gerakan Denggi Kebangsaan

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Hepatitis A outbreaks in EU/EEA mostly affecting MSM

Between February 2016 and February 2017, 13 EU countries have reported three clusters involving 287 HAV confirmed cases, associated with three different HAV sequences of genotype IA. Each of these clusters involve between seven and ten different EU Member States. The extent of these outbreaks is likely to be underestimated, as reported cases are limited to those attending healthcare facilities and for which sequencing was performed.

Most cases are reported among HAV-unvaccinated adult MSM, with only a few women affected. No cases of infected food handlers have been reported associated to these events, nor has there been any indication of associated foodborne transmission. Thus, these clusters are considered mainly propagated by person-to-person sexual transmission. However, the several reports of household transmission linked to these clusters highlight the need for early contact tracing and post-exposure prophylaxis to close contacts, in order to avoid infections among unvaccinated household contacts.

Scientific articles on these clusters published after the ECDC rapid risk assessment of 19 December 2016 further indicate unvaccinated MSM as the European population group most at risk of being affected by these clusters, and provide further insight into the high-risk sexual practices associated with HAV transmission. In particular, they indicate anonymous sex, multiple sex partners, sex-on-premises venues and use of dating apps as factors associated with these outbreaks.

The multinational dimension of these clusters may be explained by the highly interconnected sexual networks among MSM in Europe. In at least two EU Member States, the United Kingdom and Germany, secondary cases have been linked to travel-associated index cases. The circulation of three different HAV genotype IA strains in the MSM population is likely to be the result of several introductions into these networks.

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

DISEASE		EW 09/2017	EW 09/2016	MEDIAN	CUMULATIVE 2016	CUMULATIVE 2017
NOTIFIABLE DISEASES						
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	130	360	98	4174	1167(4)
	DENGUE HAEMORRHAGIC FEVER	0	0	1	4	1
5.	DIPHtherIA	0	0	0	0	0
6.	DYSENTERY (all type)	1	0	0	0	4
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	2	0	1	12	12
	FOOD POISONING (case)	36	45	16	611	185
9.	GONOCOCCAL INFECTION (all forms)	10	7	3	39	58
10.	HAND,FOOT&MOUTH DISEASE (HFMD)	59	35	55	227	607
11.	HIV INFECTION (all forms)	18	8	13	102	130
	HIV DEATH	0	1	0	7	3
12.	LEPROSY	0	0	0	0	3
13.	LEPTOSPIROSIS	3	8	4	51	21
14.	MALARIA	0	0	1	3	10
15.	MEASLES	1	13	0	80	22
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)	12	2	1	23	52
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	43	22	50	373	330
	TUBERCULOSIS DEATH	1	1	0	8	3
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	10	3	3	42	60
	c) Hepatitis C	2	5	2	30	27
	d) Other Hepatitis	0	0	0	2	0
28.	PERTUSSIS	0	0	0	2	0
29.	YELLOW FEVER	0	0	0	0	0
30.	ZIKA	0	0	NA	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	2	0
2	ACUTE GASTROENTERITIS (AGE)	97	478	637	2289	967
3	FILARIASIS	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	765	985	158	8053	6518
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	9	0	66	84
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
NOTIFIABLE DISEASES						
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	368	1163	1366	4174	1167(4)
	DENGUE HAEMORRHAGIC FEVER	16	5	2	4	1
5.	DIPHtherIA	0	0	0	0	0
6.	DYSENTERY (all types)	0	0	1	0	4
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	9	11	13	12	12
	FOOD POISONING (case)	386	357	285	611	185
9.	GONOCOCCAL INFECTION (all forms)	17	14	38	39	58
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	156	154	605	227	607
11.	HIV INFECTION (all forms)	120	86	103	102	130
	HIV DEATH	0	0	0	7	3
12.	LEPROSY	2	1	0	0	3
13.	LEPTOSPIROSIS	15	25	61	51	21
14.	MALARIA	9	0	7	3	10
15.	MEASLES	5	3	0	80	22
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)	12	25	12	23	52
22.	TETANUS (Neonatorum / Adult)	0	1	0	0	0
23.	TUBERCULOSIS (all forms)	309	375	392	373	330
	TUBERCULOSIS DEATH	0	0	0	8	3
24.	TYPHOID & PARATYPHOID FEVER	5	5	4	1	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	1	3	2	0
	b) Hepatitis B	33	24	34	42	60
	c) Hepatitis C	58	16	20	30	27
	d) Other Hepatitis	0	0	1	2	0
28.	PERTUSSIS	0	1	3	2	0
29.	YELLOW FEVER	0	0	0	0	0
30.	ZIKA	NA	NA	NA	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	3	0	2	0
2	ACUTE GASTROENTERITIS (AGE)	6153	5035	591	2289	967
3	FILARIASIS	0	2	2	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	1409	1260	1290	8053	6518
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	111	3	66	84
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
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	103	5	1	1	3	3	5	1	8	0	130
	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)	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)	0	1	0	0	0	0	0	0	0	1	2
	FOOD POISONING (case)	0	4	0	0	0	0	0	0	0	32	36
9.	GONOCOCCAL INFECTION (all forms)	6	0	0	0	3	0	0	0	1	0	10
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	28	1	3	1	6	14	1	0	4	1	59
11.	HIV INFECTION (all forms)	14	1	0	0	1	0	2	0	0	0	18
	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	0	0	1	0	0	0	1	0	1	0	3
14.	MALARIA	0	0	0	0	0	0	0	0	0	0	0
15.	MEASLES	1	0	0	0	0	0	0	0	0	0	1
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)	9	1	0	0	1	0	0	0	0	1	12
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	18	0	7	3	0	2	7	0	2	4	43
	TUBERCULOSIS DEATH	0	0	0	0	0	0	0	0	1	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	6	0	2	0	0	0	2	0	0	0	10
	c) Hepatitis C	0	0	0	0	0	0	2	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
OTHER DISEASES UNDER SURVEILLANCE												
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	0	0	0	0	0	0	0	0
2	ACUTE GASTROENTERITIS (AGE)	35	0	0	0	0	0	46	0	0	16	97
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	765	0	0	0	0	0	0	0	0	0	765
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	0	0	0	0	0	0	0	0	0
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
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	872(2)	53	17	16	32	39(1)	57(1)	13	53	15	1167(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)	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	0	1	0	0	0	1	12
	FOOD POISONING (case)	54	24	46	19	0	10	0	0	0	32	185
9.	GONOCOCCAL INFECTION (all forms)	32	6	0	0	12	1	0	3	3	1	58
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	311	28	24	11	33	114	27	16	32	11	607
11.	HIV INFECTION (all forms)	95	7	3	1	9	8	2	1	3	1	130
	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	2	0	1	1	10	0	1	2	21
14.	MALARIA	4	0	0	0	0	0	1	0	3	2	10
15.	MEASLES	12	3	2	0	0	2	0	3	0	0	22
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)	41	4	1	0	4	0	0	1	0	1	52
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	161	20	14	9	44	20	14	16	19	13	330
	TUBERCULOSIS DEATH	1	0	0	0	0	0	0	1	1	0	3
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	42	1	4	2	5	3	2	0	1	0	60
	c) Hepatitis C	5	2	0	1	3	11	2	2	1	0	27
	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)	226	0	0	0	0	0	475	0	188	78	967
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	6518	0	0	0	0	0	0	0	0	0	6518
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	84	0	0	0	0	0	0	0	0	0	84
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	5	1	1	0	1	0	0	0	1	12
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	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

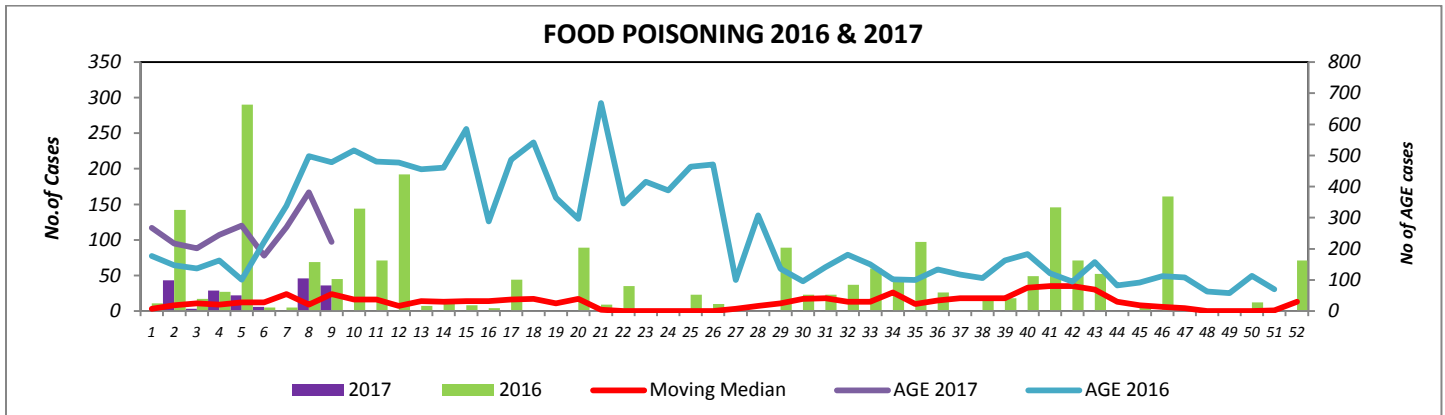
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 09					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	77	80	413	195	765	559	853	3329	1767	6508
Total Outpatient Attendances	93	73	2548	1503	4217	975	2233	22150	13632	38990

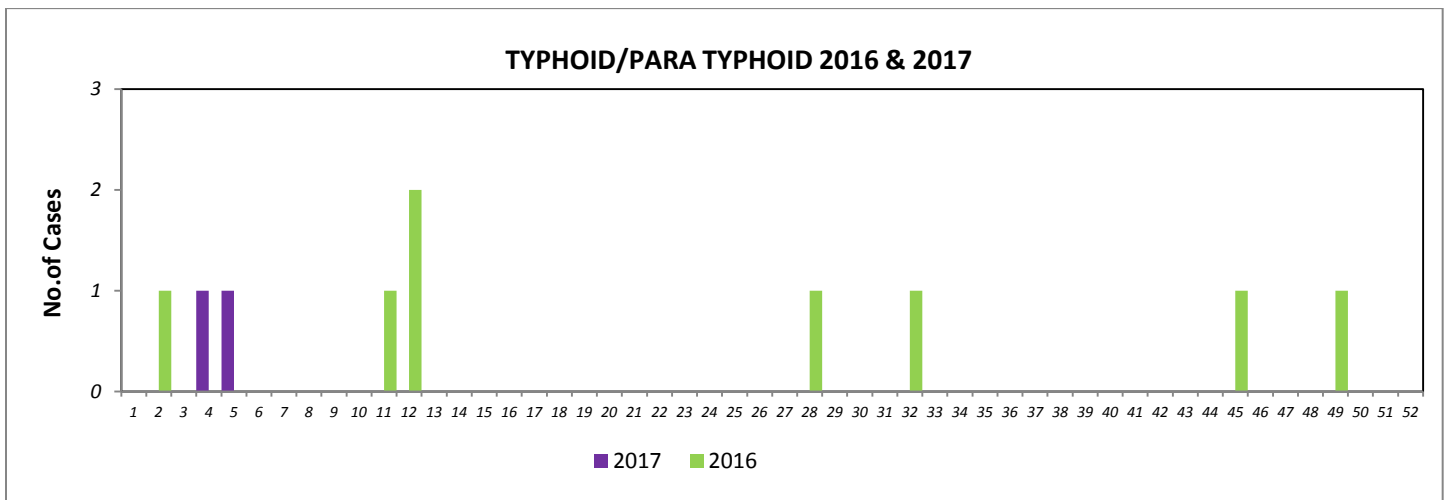
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 08			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)	4	3	7	60	24	84

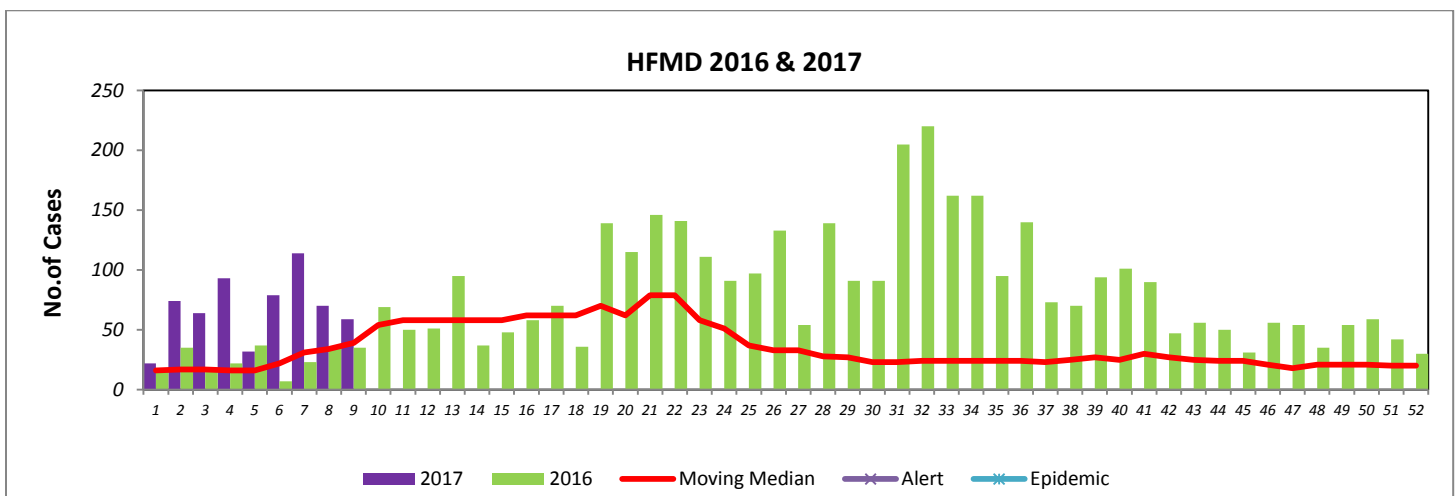
7. WEEKLY CASES OF FOOD POISONING, 2016—2017



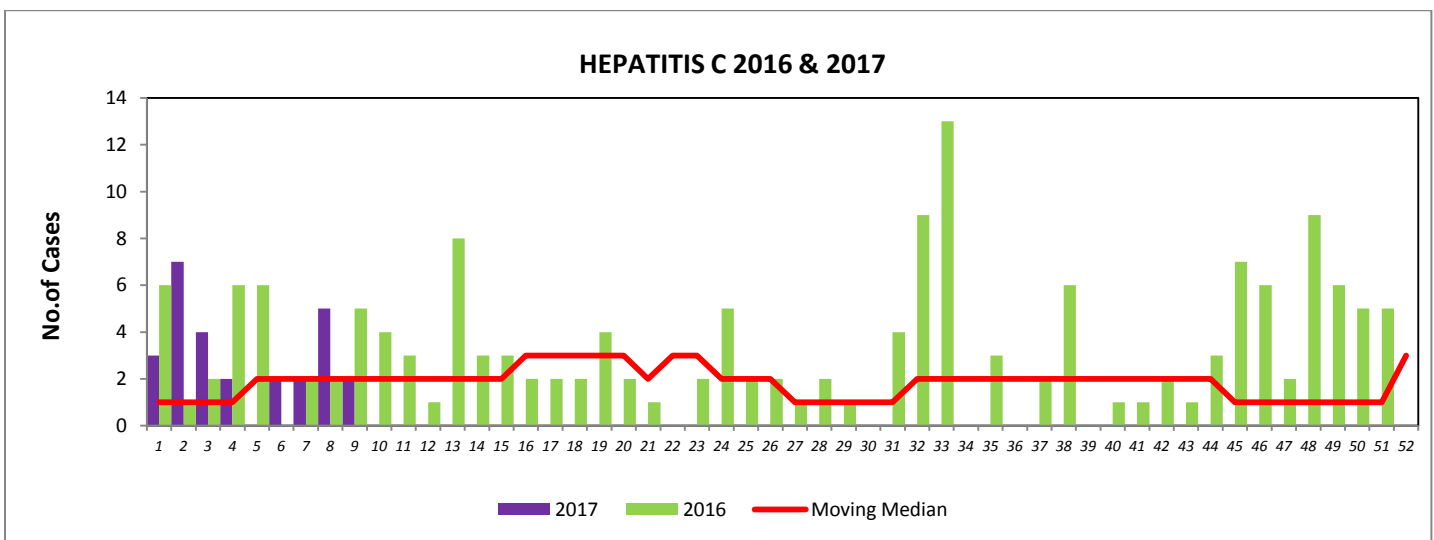
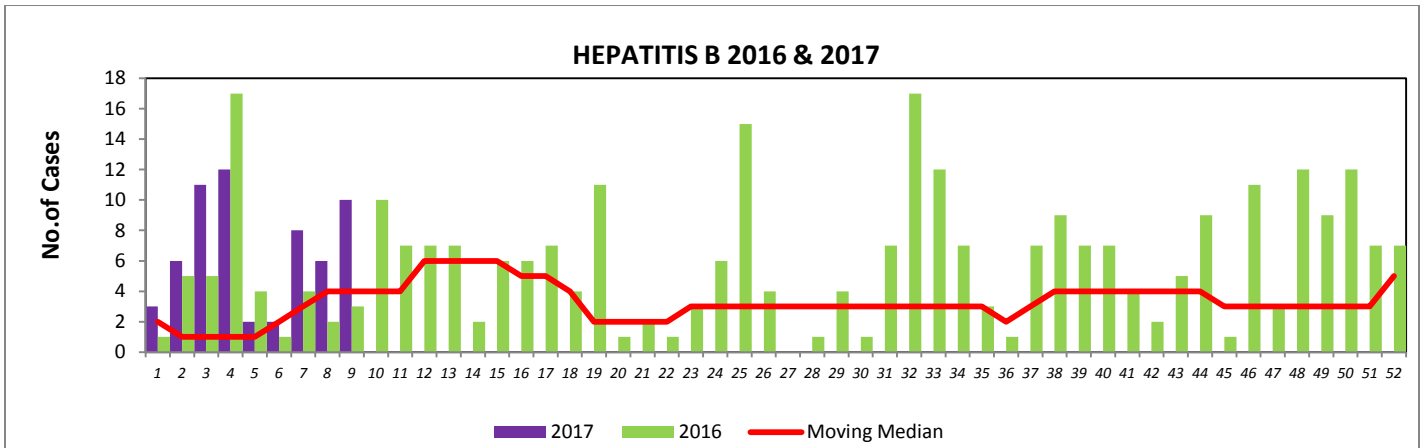
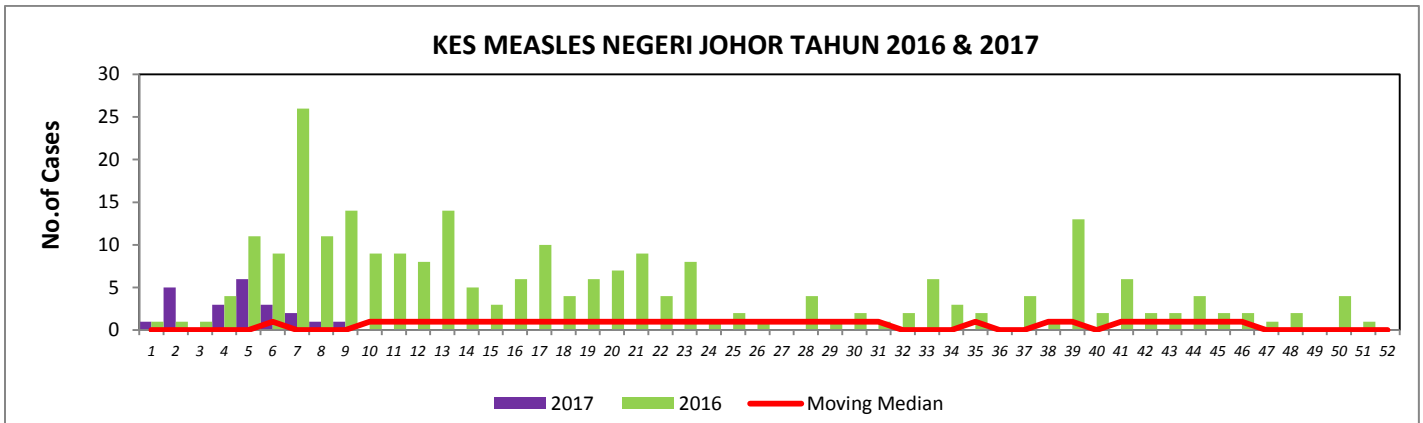
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2016—2017



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



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



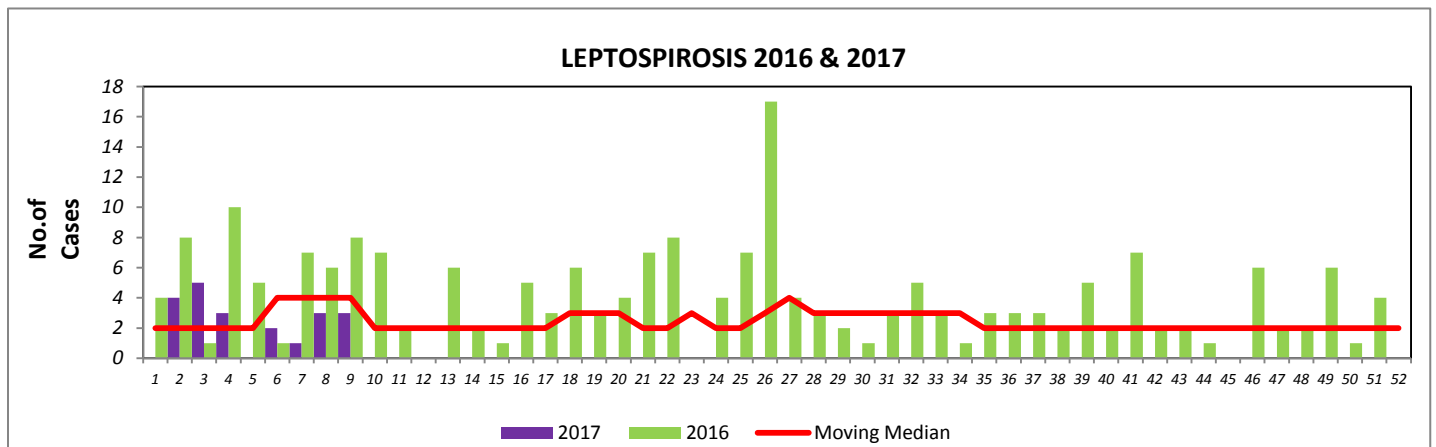
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	2
Epidemiologically confirmed	0
Lab confirmed	22
Discarded	41
Pending	9

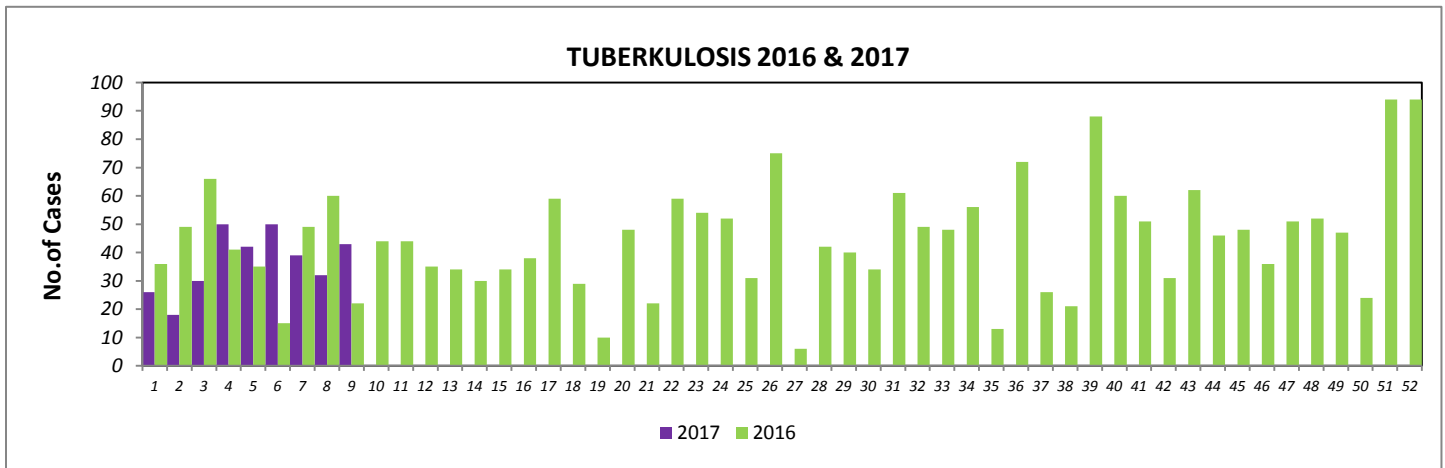
Total notifications	74
Incidence rate	20.4 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	50%	100%
Cases investigated within 48 hours	93%	>80%
Sample taken for confirmation	91%	>80%
Cases classified	88%	100%
Confirmed case with source of infection identified	86%	>80%
Death	0	0

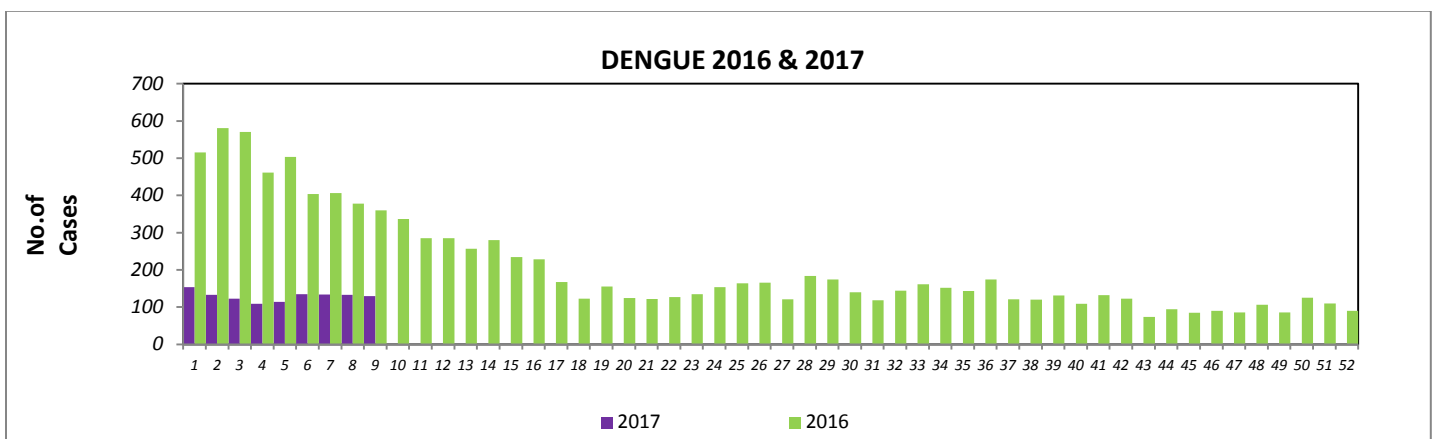
11. LEPTOSPIROSIS



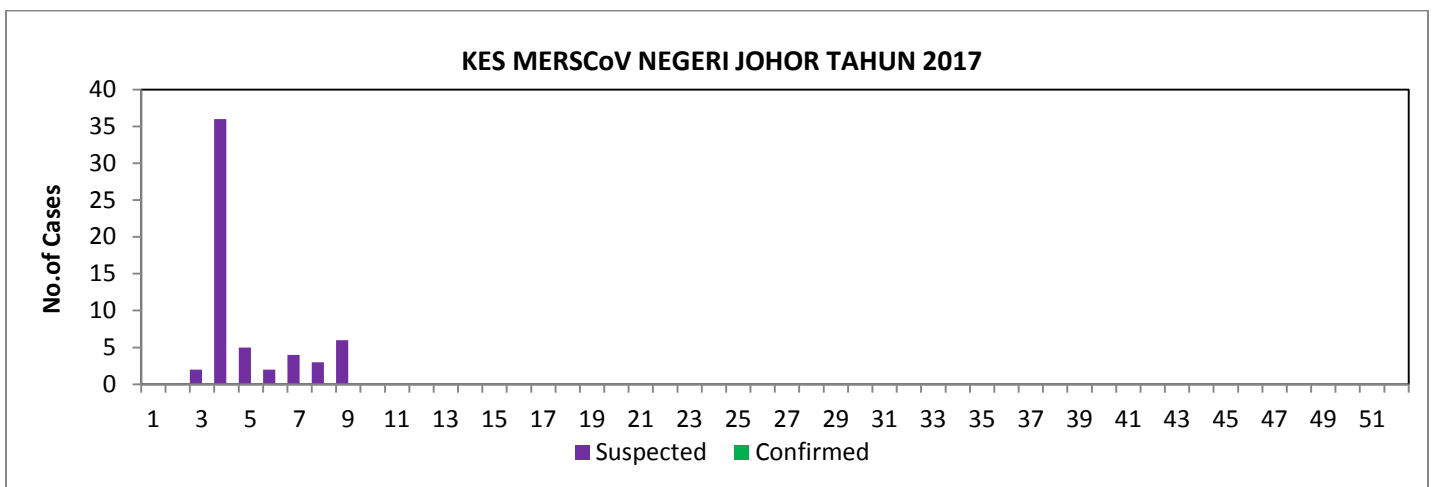
12. TUBERCULOSIS



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 09		Cumulative		EW 09		Cumulative	
	2017	2016	2017	2016	2017	2016	2017	2016
1 <i>Salmonella typhi/Salmonella spp.</i>	20	51	151	203	0	0	5	2
2 <i>Yersinia enterocolitica</i>	19	51	84	0	0	0	0	0
3 <i>Vibrio cholerae/Vibro para</i>	19	55	84	0	0	0	0	0
4 <i>Plesiomonas shigelloides/spp</i>	19	51	84	0	0	0	0	0
5 <i>Enteropathogenic E.coli (EPEC,EHEC)</i>	19	51	84	0	0	0	0	0
6 <i>Aeromonas hydrophilia/spp</i>	19	51	84	0	0	0	0	0
7 <i>Shigella spp.</i>	19	51	84	0	0	0	0	0
8 <i>Bacillus cereus (positive enterotoxin)</i>	19	51	84	0	0	0	0	0
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	19	51	84	0	0	0	3	1
10 <i>Campylobacter jejuni/coli/spp</i>	19	51	84	0	0	0	0	0

15.2 Dengue Virus Serotyping Surveillance (DVSS) , 2016-2017

Sentinel location	No. of sample received				No. of sample fulfilling DVSS criteria				Result RT-PCR						
	EW9		Cumulative		EW9		Cumulative		DEN1	DEN2	DEN3	DEN4	ND	Inconclusive	cumulative
	2017	2016	2017	2016	2017	2016	2017	2016							
1 HSA, JB	0	4	16	45	0	4	16	45	0	0	0	0	0	0	0
2 HSI, JB	7	7	52	58	7	7	52	58	0	1	2	0	4	0	7
3 HPSF, Muar	1	1	11	24	1	1	11	24	0	1	0	0	0	0	1
4 Hospital Kluang	2	6	23	35	2	6	23	35	1	0	1	0	0	0	2
5 KK Mahmoodiah, JB	1	1	14	4	1	1	14	4	0	0	0	0	1	0	1
6 KK Sultan Ismail, JB	4	1	22	7	4	1	22	7	0	1	0	0	3	0	4
7 KK Pasir Gudang, JB	5	0	32	4	5	0	32	4	1	3	0	1	0	0	5
8 KK Mengkibol, Kluang	1	0	8	9	1	0	8	9	0	0	1	0	0	0	1
9 KK Batu Pahat	0	0	5	14	0	0	5	13	0	0	0	0	0	0	0

16. INFLUENZA SURVEILLANCE

