Johore Weekly

EPIDEMIOLOGICAL BULLETIN

EPID WEEK 12 **DATE : 19.03.2017 – 25.03.2017**

NO OUTBREAKS / CLUSTERS / UNUSUAL EVENTS REPORTED FOR EW 12

KES DENGGI DILAPORKAN PADA MINGGU 10/2017
(5 Mac hingga 11 Mac 2017)

Bil.	Negeri	Bilangan Kes dan Kematian di laporkan				Jumlah Terkumpul kes denggi sehingga minggu 10/2017		Jumlah Terkumpul kes denggi sehingga minggu 10/2016	
		Minggu 10 (5 Mac – 11 Mac 2017)		Minggu 09 (25 Feb – 4 Mac 2017)					
		Kes	Mati	Kes	Mati	Kes	Mati	Kes	Mati
1	Perlis	1	0	3	0	41	0	64	0
2	Kedah	35	0	26	0	278	1	219	1
3	P. Pinang	32	0	43	0	399	4	1,385	9
4	Perak	210	0	206	0	1,639	5	1,214	2
5	Selangor	1,002	1	1030	2	9,719	11	15,700	25
6	WP KL & Putrajaya	181	0	144	0	1,502	9	2,037	2
7	N. Sembilan	63	1	66	0	685	6	823	9
8	Melaka	41	0	31	0	421	0	658	1
9	Johor	143	0	130	0	1,312	4	4,484	6
10	Pahang	51	0	30	0	493	0	799	4
11	Terengganu	5	0	9	0	71	0	1,245	11
12	Kelantan	94	0	88	0	948	1	641	1
13	Sarawak	30	0	23	0	361	1	492	3
14	Sabah	31	1	54	0	446	3	915	1
15	WP Labuan	1	0	2	0	3	0	2	0
	MALAYSIA	1,920	3	1,885	2	18,318	45	30,678	75

* Sumber : Bilik Gerakan Denggi Kebangsaan

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Meningococcal disease – Nigeria

As of 19 March 2017 (epidemiological week 11), a total of 1407 suspected cases of meningitis and 211 deaths (case fatality rate: 15%) have been reported from 40 local government areas (LGAs) in five states of Nigeria since December 2016. Zamfara, Katsina and Sokoto account for 89% of these cases. Twenty-six LGAs from all five states reported 361 cases in epidemiological week 11 alone. Twenty-two wards in 15 LGAs have crossed the epidemic threshold. Three of these LGAs share borders with Niger. NmC is the predominant serotype in this outbreak. The most affected age group is 5 to 14 year olds and they are responsible for about half of reported cases. Both sexes are almost equally affected.

WHO advice:

The outbreak response consists of appropriate case management with reactive mass vaccination of populations. Promptness of the reactive campaign is essential, ideally within four weeks of crossing the epidemic threshold. WHO does not recommend any travel or trade restriction to Nigeria based on the current information available on this outbreak.

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

	DISEASE	EW 12/2017	EW 12/2016	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	103	285	67	5081	1537(4)
	DENGUE HAEMORRHAGIC FEVER	0	0	0	4	2
5.	DIPHTHERIA	0	0	0	0	0
6.	DYSENTERY (all type)	0	0	0	2	4
7.	EBOLA	0	0	0	0	0
8.	FOOD POISONING (episode)	0	1	1	18	14
	FOOD POISONING (case)	0	192	7	1018	327
9.	GONOCOCCAL INFECTION (all forms)	5	7	4	54	81
10.	HAND,FOOT&MOUTH DISEASE (HFMD)	83	51	58	397	873
11.	HIV INFECTION (all forms)	4	12	7	159	167
	HIV DEATH	2	0	0	10	9
12.	LEPROSY	0	0	0	1	3
13.	LEPTOSPIROSIS	4	0	2	60	36
14.	MALARIA	0	0	0	3	10
15.	MEASLES	3	9	0	106	26
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)	4	2	1	36	71
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	41	35	38	496	430
	TUBERCULOSIS DEATH	0	0	0	10	4
24.	TYPHOID & PARATYPHOID FEVER	0	2	0	4	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	1	7	3	66	77(1)
	c) Hepatitis C	2(1)	1	2	38	42(1)
	d) Other Hepatitis	0	0	0	2	0
28.	PERTUSSIS	0	0	0	4	1
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)	158	477	501	3762	1626
3	FILARIASIS	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	668	635	146	10545	8741
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	37	7	0	96	170
6	MELIOIDOSIS	4(2)	0	0	5	4(2)
7	BRUCELLOSIS	2	0	0	1	2

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	495	1454	1738	5081	1537(4)
	DENGUE HAEMORRHAGIC FEVER	21	10	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)	11	17	15	18	14
	FOOD POISONING (case)	396	559	326	1018	327
9.	GONOCOCCAL INFECTION (all forms)	21	17	62	54	81
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	328	347	801	397	873
11.	HIV INFECTION (all forms)	145	104	144	159	167
	HIV DEATH	0	0	0	10	9
12.	LEPROSY	3	4	1	1	3
13.	LEPTOSPIROSIS	18	45	88	60	36
14.	MALARIA	14	3	8	3	10
15.	MEASLES	5	3	2	106	26
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	30	21	36	71
22.	TETANUS (Neonatorum / Adult)	0	1	0	0	0
23.	TUBERCULOSIS (all forms)	424	527	533	496	430
	TUBERCULOSIS DEATH	0	0	0	10	4
24.	TYPHOID & PARATYPHOID FEVER	5	6	4	4	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	2	3	2	0
	b) Hepatitis B	45	30	50	66	77(1)
	c) Hepatitis C	70	23	28	38	42(1)
	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
	OTHER DISEASES UNDER SURVEILLANCE					
1	ACUTE FLACCID PARALYSIS (AFP)	0	3	1	2	0
2	ACUTE GASTROENTERITIS (AGE)	8420	6811	802	3762	1626
3	FILARIASIS	0	2	4	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	1950	1685	1636	10545	8741
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	153	3	96	170
6	MELIOIDOSIS	0	0	0	5	4(2)
7	BRUCELLOSIS	0	0	0	1	2

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	83	3	2	0	0	2	3	3	5	2	103
	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)	0	0	0	0	0	2	0	0	2	1	5
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	46	7	4	0	6	14	2	0	4	0	83
11.	HIV INFECTION (all forms)	0	0	0	0	3	0	0	1	0	0	4
	HIV DEATH	0	0	0	0	1	0	0	1	0	0	2
12.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
13.	LEPTOSPIROSIS	2	0	2	0	0	0	0	0	0	0	4
14.	MALARIA	0	0	0	0	0	0	0	0	0	0	0
15.	MEASLES	3	0	0	0	0	0	0	0	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)	0	0	0	0	1	2	0	0	1	0	4
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	25	3	0	2	0	4	2	0	3	2	41
	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	0	0	0	0	0	0	1	0	0	0	1
	c) Hepatitis C	0	0	0	0	0	1	0	0	1(1)	0	2(1)
	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)	9	0	0	0	0	0	39	0	81	29	158
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	668	0	0	0	0	0	0	0	0	0	668
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	37	0	0	0	0	0	0	0	0	0	37
6	MELIOIDOSIS	1(1)	0	0	0	0	2	1(1)	0	0	0	4(2)
7	BRUCELLOSIS	1	0	0	0	0	0	1	0	0	0	2

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	1160(2)	69	23	20	41	48(1)	65(1)	18	72	21	1537(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	3	0	3	5	2	81
10.	HAND, FOOT & MOUTH DISEASE (HFMD)	459	45	31	11	54	162	34	22	42	13	873
11.	HIV INFECTION (all forms)	105	10	9	1	16	10	3	7	4	2	167
	HIV DEATH	2	0	1	0	2	1	1	1	1	0	9
12.	LEPROSY	2	1	0	0	0	0	0	0	0	0	3
13.	LEPTOSPIROSIS	6	1	7	2	1	1	12	0	3	3	36
14.	MALARIA	4	0	0	0	0	0	1	0	3	2	10
15.	MEASLES	16	3	2	0	0	2	0	3	0	0	26
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	6	2	0	2	1	1	71
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	211	27	19	12	52	24	16	22	28	19	430
	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	3	0	5	0	77(1)
	c) Hepatitis C	12	3	2	1	4	12	2	4	2(1)	0	42(1)
	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
	OTHER DISEASES UNDER SURVEILLANCE											
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	0	0	0	0	0	0	0	0
2	ACUTE GASTROENTERITIS (AGE)	272	0	0	0	203	0	668	0	334	149	1626
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	8741	0	0	0	0	0	0	0	0	0	8741
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	170	0	0	0	0	0	0	0	0	0	170
6	MELIOIDOSIS	1(1)	0	0	0	0	2	1(1)	0	0	0	4(2)
7	BRUCELLOSIS	1	0	0	0	0	0	1	0	0	0	2

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

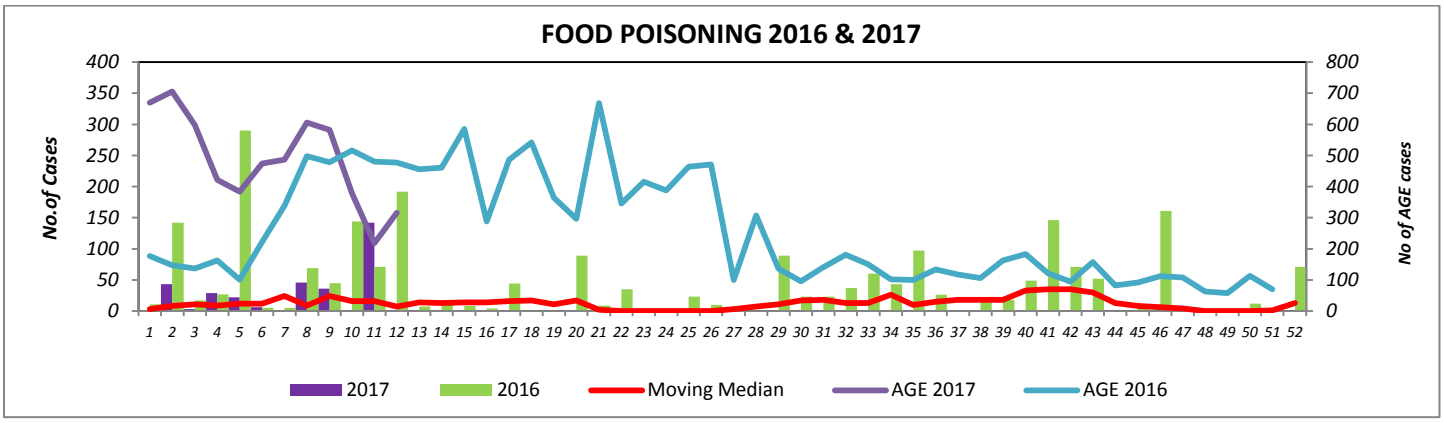
6.1 ILI SURVEILANCE (KPL MAHMOODIAH)

ILI Surveilance	EW 12					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	64	72	325	207	668	774	1117	4479	2361	8731
Total Outpatient Attendances	200	228	1845	1153	3426	1301	2667	28927	17613	50508

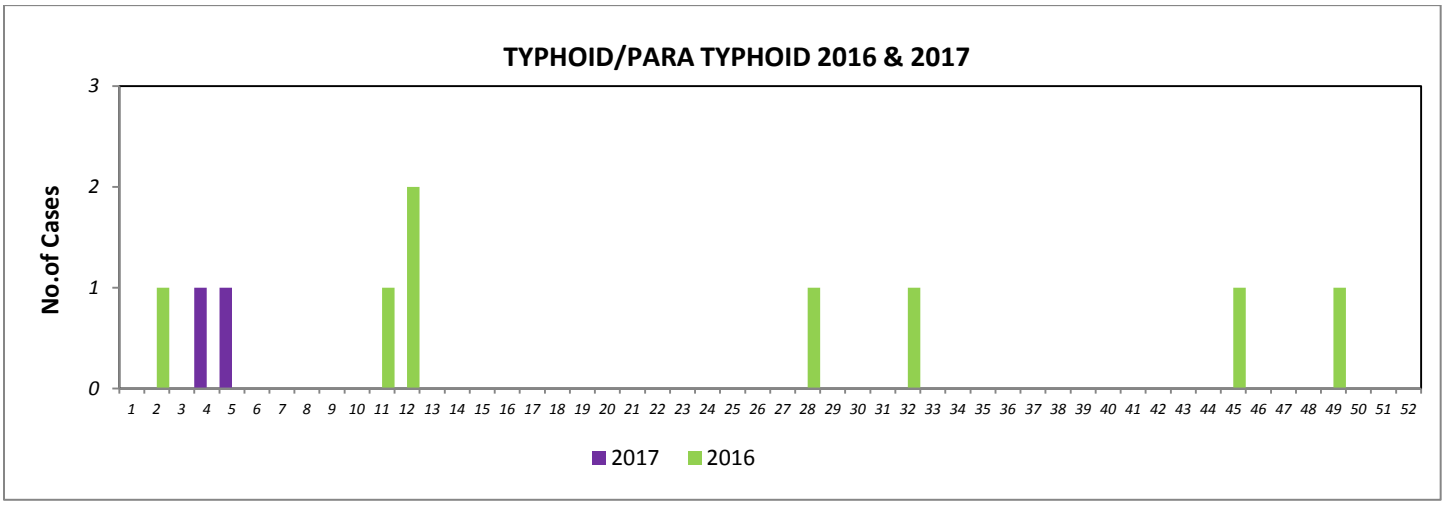
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveilance	EW 12			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)	25	12	37	122	48	170

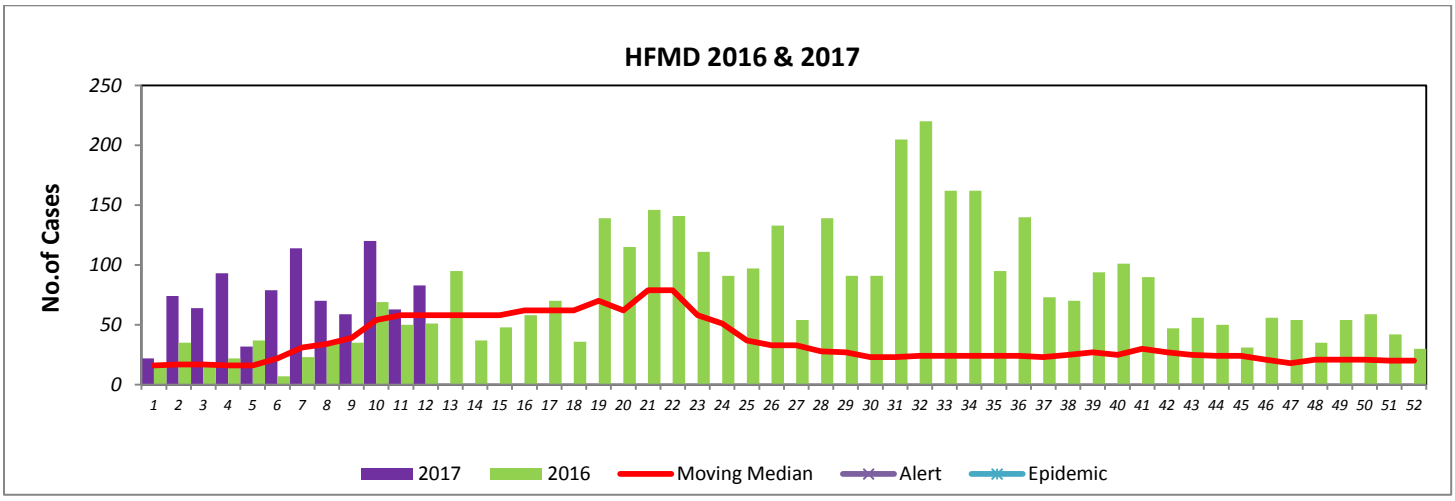
7. WEEKLY CASES OF FOOD POISONING, 2016—2017



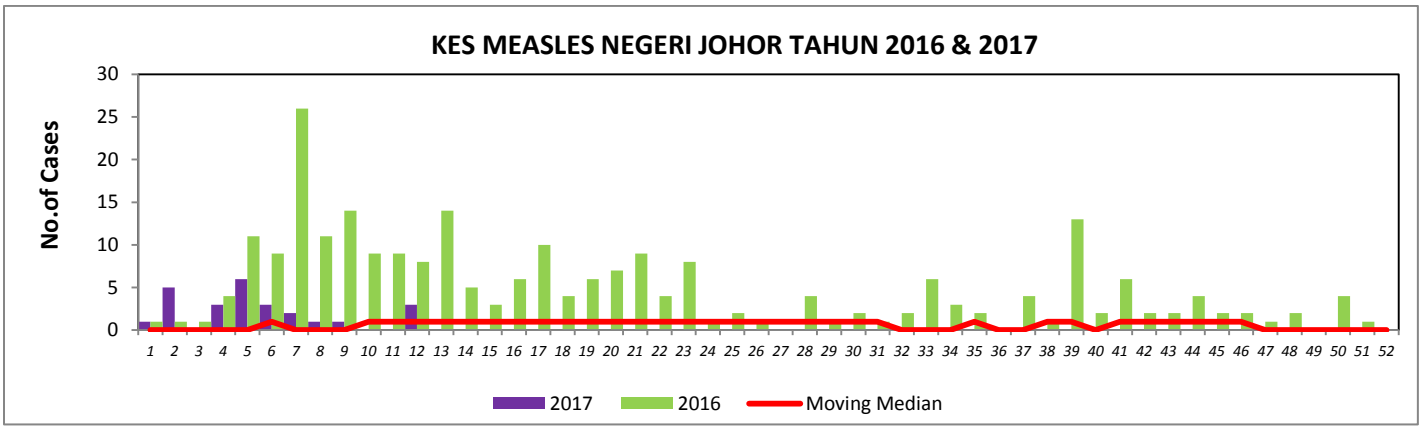
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2016—2017

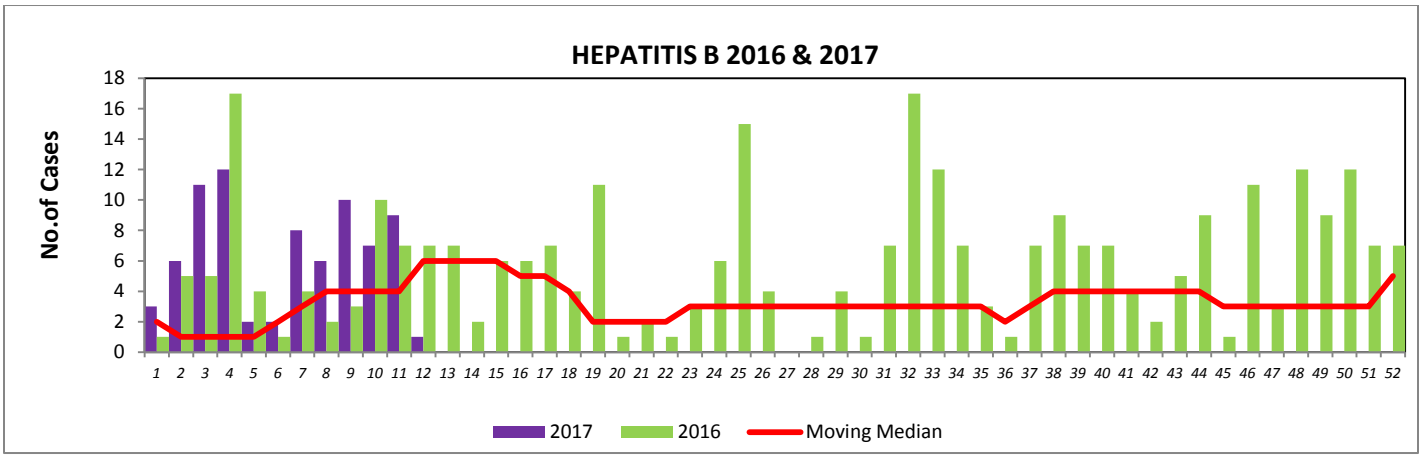


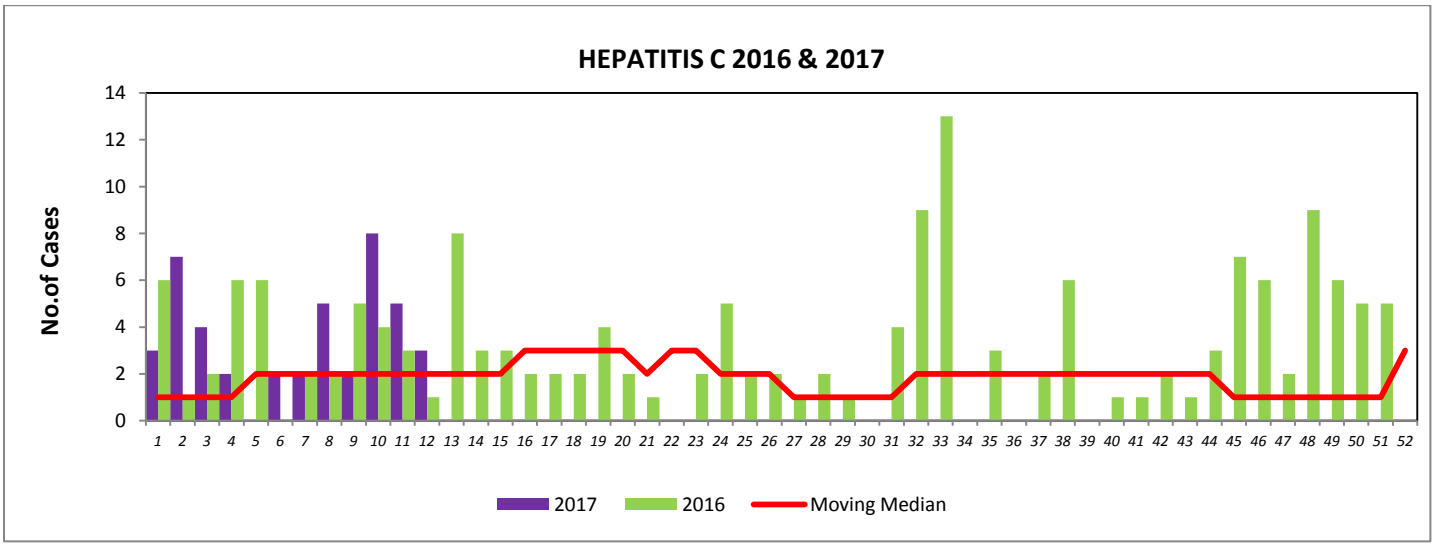
9. WEEKLY CASES OF AIR/DROPLET BORNE DISEASES, 2016—2017



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







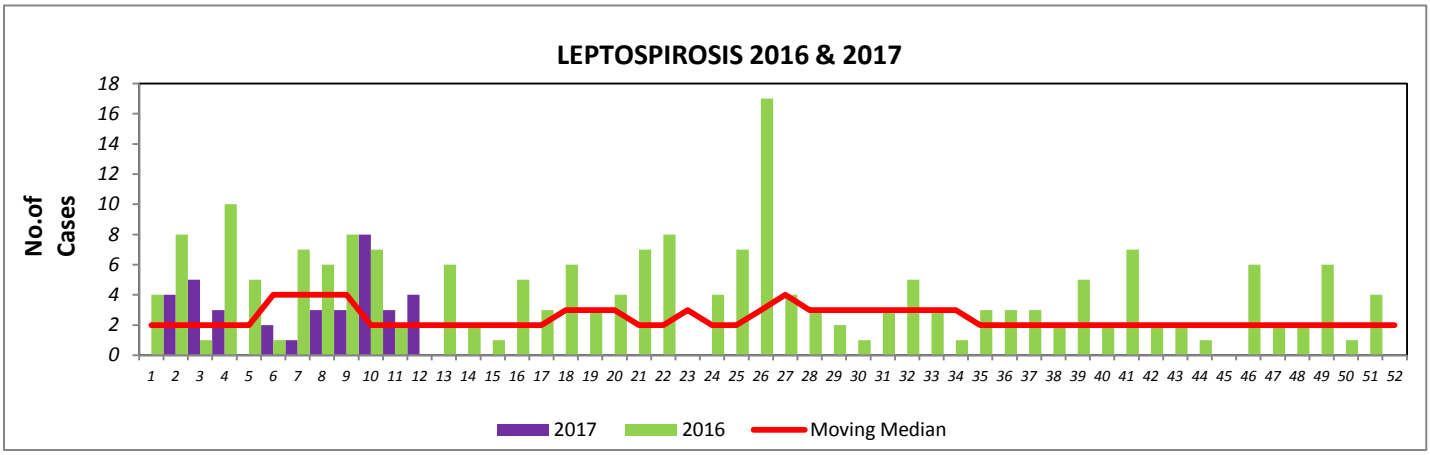
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	3
Epidemiologically confirmed	0
Lab confirmed	26
Discarded	60
Pending	5

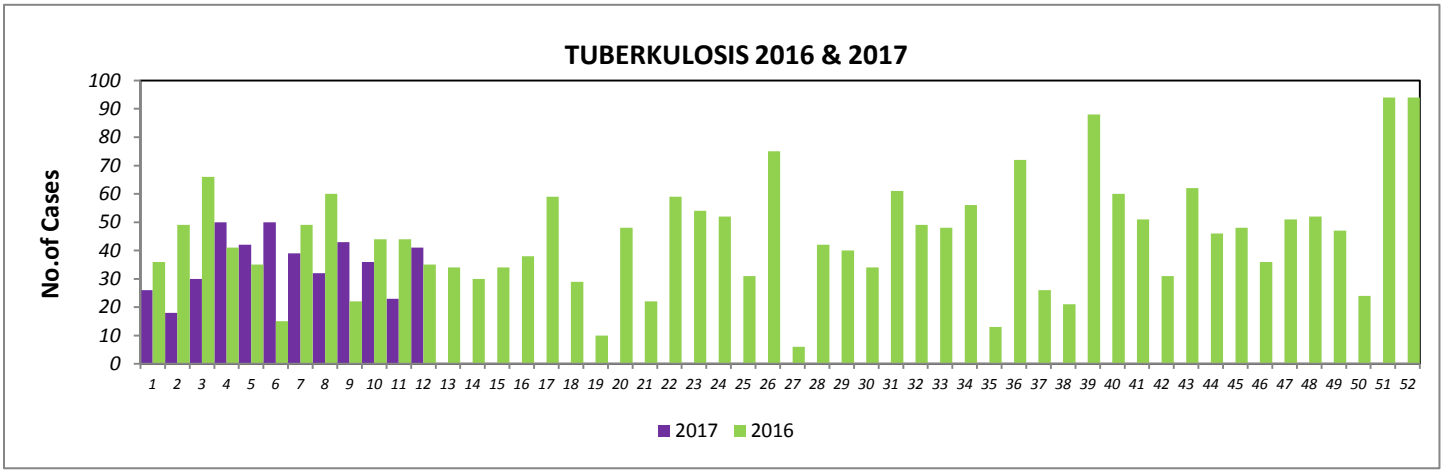
Total notifications	94
Incidence rate	25.9 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	54%	100%
Cases investigated within 48 hours	95%	>80%
Sample taken for confirmation	89%	>80%
Cases classified	95%	100%
Confirmed case with source of infection identified	88%	>80%
Death	0	0

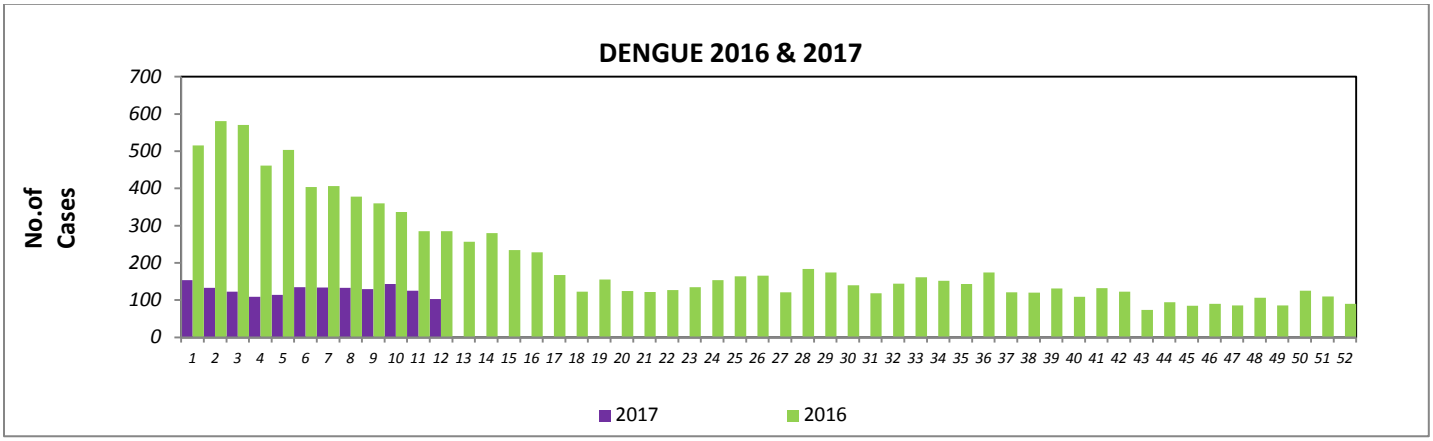
11. LEPTOSPIROSIS



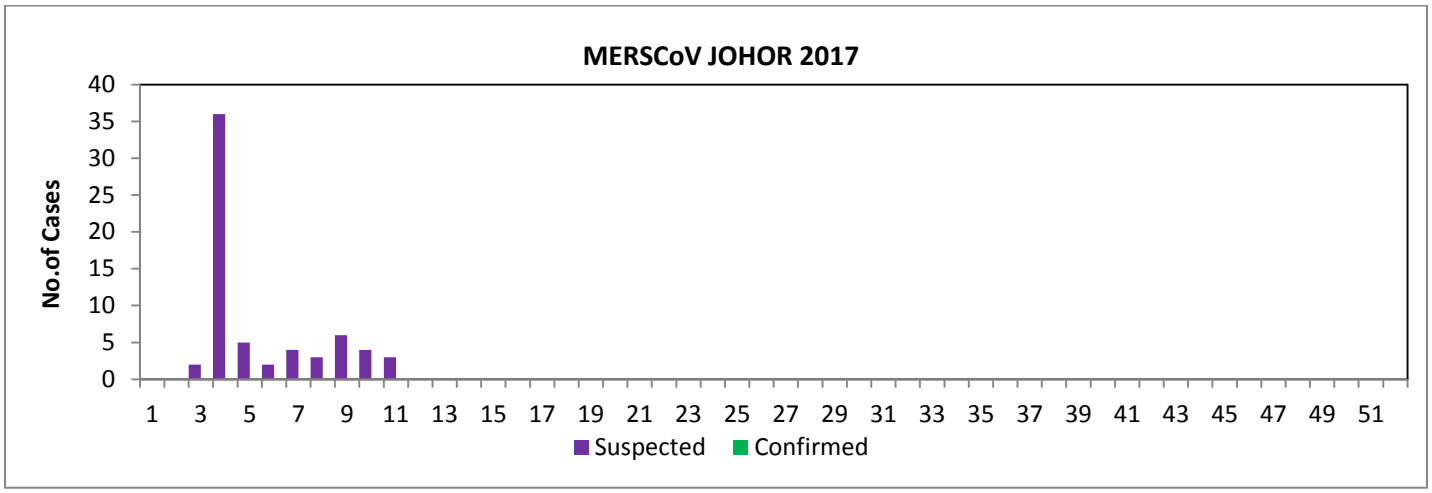
12. TUBERCULOSIS



13. DENGUE

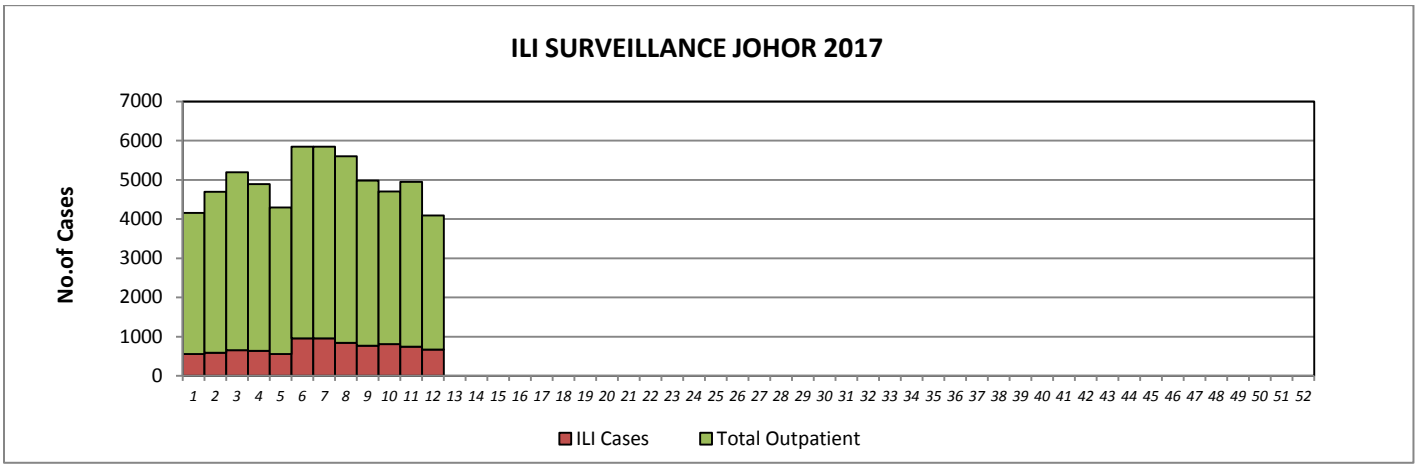
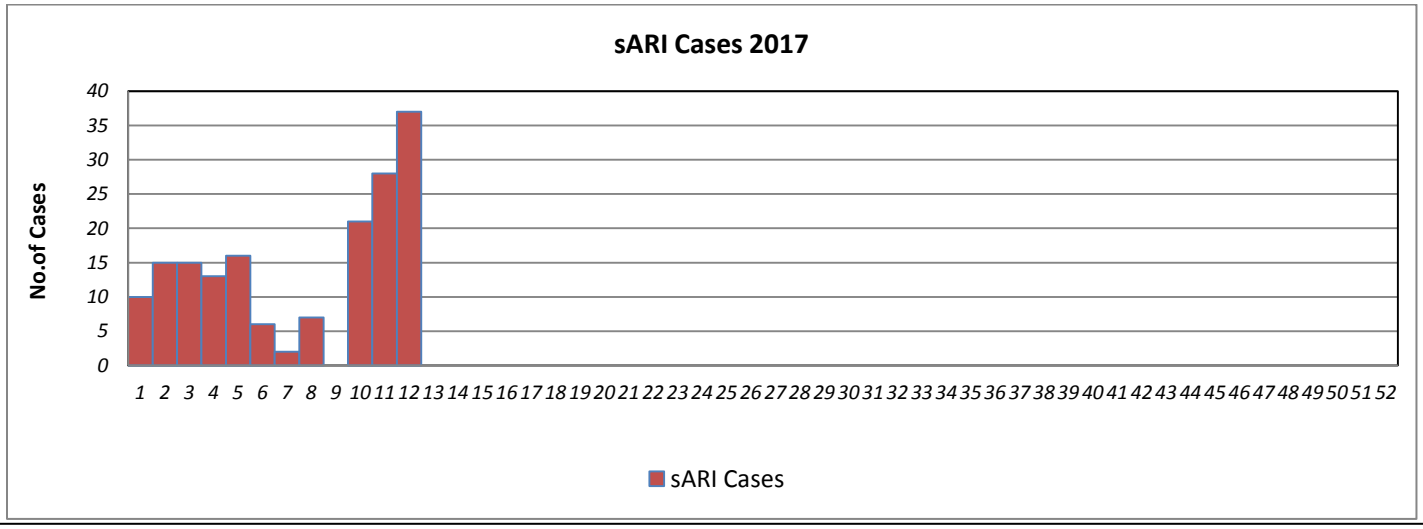


14. MERSCoV



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 12		Cumulative		EW 12		Cumulative	
		2017	2016	2017	2016	2017	2016	2017	2016
1	*Salmonella typhi/Salmonella spp.*	0	176	192	444	1	0	9	3
2	*Yersinia enterocolitica*	0	17	124	230	0	0	0	0
3	*Vibrio cholerae/Vibro para*	0	17	124	234	0	0	0	2
4	*Plesiomonas shiggelloides/spp*	0	17	124	230	0	0	0	0
5	*Enteropathogenic E.coli (EPEC,EHEC)*	0	17	124	230	0	0	0	0
6	*Aeromonas hydrophilia/spp*	0	17	124	230	0	0	0	2
7	*Shigella spp.*	0	17	124	230	0	0	0	0
8	*Bacillus cereus (positive enterotoxin)*	0	17	124	230	0	0	0	0
9	*Staphylococcus aureus (positive enterotoxin)*	0	17	124	230	1	0	6	8
10	*Campylobacter jejuni/coli/spp*	0	17	124	230	0	0	0	0

16. INFLUENZA SURVEILLANCE