

## NO OUTBREAKS / CLUSTERS / UNUSUAL EVENTS REPORTED IN EPID WEEK 48

### KES DENGGI DILAPORKAN PADA MINGGU 47/2016 (20 hingga 26 November 2016)

Bil.	Negeri	Bilangan Kes dan Kematian di laporkan				Jumlah Terkumpul kes denggi sehingga minggu 47/2016		Jumlah Terkumpul kes denggi sehingga minggu 47/2015	
		Minggu 47 (20 Nov – 26 Nov 2016)		Minggu 46 (13 Nov – 19 Nov 2016)		Kes	Mati	Kes	Mati
		Kes	Mati	Kes	Mati				
1	Perlis	0	2	12	0	176	3	220	1
2	Kedah	28	0	26	1	910	3	878	14
3	P. Pinang	21	0	22	0	2,400	12	5,112	16
4	Perak	78	0	60	0	3,404	10	8,803	24
5	Selangor	539	2	512	0	48,308	73	57,452	115
6	WP KL & Putrajaya	93	1	118	0	8,044	19	7,578	34
7	N. Sembilan	53	0	29	0	2,571	24	2,150	13
8	Melaka	37	0	33	0	2,097	7	2,125	6
9	Johor	86	1	89	0	10,140	22	14,181	40
10	Pahang	81	0	50	0	2,745	9	2,609	13
11	Terengganu	18	0	19	0	1,953	19	1,167	3
12	Kelantan	119	0	133	1	5,654	10	2,596	7
13	Sarawak	44	0	40	0	2,550	7	1,811	3
14	Sabah	60	0	58	0	3,372	2	2,482	7
15	WP Labuan	0	0	0	0	13	0	2	0
	<b>MALAYSIA</b>	<b>1,257</b>	<b>6</b>	<b>1,201</b>	<b>2</b>	<b>94,337</b>	<b>220</b>	<b>109,166</b>	<b>296</b>

\* Sumber : Bilik Gerakan Denggi Kebangsaan

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Sumber : [enotifikasi/dengue/ewabak/emeasles/buletinMKA](#)

### Middle East respiratory syndrome coronavirus (MERS-CoV) – Saudi Arabia

28th November 2016

Between 3 and 10 November 2016 the National IHR Focal Point of Saudi Arabia reported six (6) additional cases of Middle East Respiratory Syndrome (MERS). Two (2) deaths among previously reported MERS cases were also reported. The cases were reported from Riyadh, Nasran, Makkah and Qassim region.

Globally, since September 2012, WHO has been notified of 1832 laboratory-confirmed cases of infection with MERS-CoV including at least 651 related deaths have been reported to WHO.

Based on the current situation and available information, WHO encourages all Member States to continue their surveillance for acute respiratory infections and to carefully review any unusual patterns.

# 1. COMMUNICABLE DISEASES FOR CURRENT WEEK, 2015 AND 2016, JOHORE STATE

DISEASE		EW 48/2016	EW 48 2015	MEDIAN	CUMULATIVE 2015	CUMULATIVE 2016
<b>NOTIFIABLE DISEASES</b>						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	106	220	127	14387	10238(21)
	DENGUE HAEMORRHAGIC FEVER	0	1	1	15	8
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all type)	0	0	0	10	7
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	0	1	0	43	75
	FOOD POISONING (case)	0	5	4	1329	2177(2)
8.	GONOCOCCAL INFECTION (all forms)	7	5	3	258	297
9.	HAND,FOOT&MOUTH DISEASE (HFMD)	35	4	11	2003	3838
10.	HIV INFECTION (all forms)	14	9	13	683	569
	HIV DEATH	0	0	0	0	73
11.	LEPROSY	0	0	0	7	7
12.	LEPTOSPIROSIS	2	1	1	295	194(14)
13.	MALARIA	0	0	0	37	39
14.	MEASLES	0	2	0	60	238
15.	PLAGUE	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0
17.	RABIES	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0
19.	SYPHILIS (all forms)	4	1	2	119	191(1)
20.	TETANUS (Neonatorum / Adult)	0	0	0	2	1
21.	TUBERCULOSIS (all forms)	52	36	39	2198	2064
	TUBERCULOSIS DEATH	3	0	0	0	45
22.	TYPHOID & PARATYPHOID FEVER	0	0	0	11	7(1)
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	1
25.	VIRAL HEPATITIS					
	a) Hepatitis A	1	2	0	10	5
	b) Hepatitis B	12	2	3	374	271(6)
	c) Hepatitis C	9	0	1	146	149(3)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	0	0	0	17	10
27.	YELLOW FEVER	0	0	0	0	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	12	12
2	ACUTE GASTROENTERITIS (AGE)	63	52	549	2508	12809
3	FILARIASIS	0	0	0	16	14
4	INFLUENZA-LIKE ILLNESS (ILI)	428	85	110	4799	38096
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	15	0	0	34	693
6	MELIOIDOSIS	0	0	0	30	22
7	BRUCELLOSIS	0	0	0	22	7
8	ZIKA	0	0	0	0	2

## 2. COMMUNICABLE DISEASES 2012 – 2016, JOHORE STATE

DISEASE		2012	2013	2014	2015	2016
<b>NOTIFIABLE DISEASES</b>						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	1449	4195	5549	14387	10238(21)
	DENGUE HAEMORRHAGIC FEVER	50	67	32	15	8
4.	DIPHTHERIA	0	0	0	0	0
5.	DYSENTERY (all types)	1	1	1	10	7
6.	EBOLA	0	0	0	0	0
7.	FOOD POISONING (episode)	0	42	53	43	75
	FOOD POISONING (case)	1342	1354	2062	1329	2177(2)
8.	GONOCOCCAL INFECTION (all forms)	212	136	131	258	297
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	2284	1721	1995	2003	3838
10.	HIV INFECTION (all forms)	0	552	624	683	569
	HIV DEATH	0	0	0	0	73
11.	LEPROSY	7	12	8	7	7
12.	LEPTOSPIROSIS	66	52	365	295	194(14)
13.	MALARIA	85	60	41	37	39
14.	MEASLES	0	13	10	60	238
15.	PLAGUE	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0
17.	RABIES	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0
19.	SYPHILIS (all forms)	143	108	55	119	191(1)
20.	TETANUS (Neonatorum / Adult)	1	0	1	2	1
21.	TUBERCULOSIS (all forms)	1892	1942	1982	2198	2064
	TUBERCULOSIS DEATH	0	0	0	0	45
22.	TYPHOID & PARATYPHOID FEVER	9	15	12	11	7(1)
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	1
25.	VIRAL HEPATITIS					
	a) Hepatitis A	2	3	4	10	5
	b) Hepatitis B	216	159	200	374	271(6)
	c) Hepatitis C	126	147	126	146	149(3)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	5	4	8	17	10
27.	YELLOW FEVER	0	0	0	0	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	12	12	12
2	ACUTE GASTROENTERITIS (AGE)	34206	32990	29287	2508	12809
3	FILARIASIS	0	0	11	16	14
4	INFLUENZA-LIKE ILLNESS (ILI)	8106	7356	6806	4799	38096
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	385	34	693
6	MELIOIDOSIS	0	0	0	30	22
7	BRUCELLOSIS	0	0	0	22	7
8	ZIKA	NA	NA	NA	0	2

### 3. COMMUNICABLE DISEASES FOR CURRENT WEEK BY DISTRICT, 2016, JOHORE STATE

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
<b>NOTIFIABLE DISEASES</b>												
1.	CHANCROID	0	0	0	0	0	0	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0	0	0	0	0	0	0
3.	DENGUE FEVER	73	8	2	2	2	6	5	3	3	2	106
	DENGUE HAEMORRHAGIC FEVER	0	0	0	0	0	0	0	0	0	0	0
4.	DIPHThERIA	0	0	0	0	0	0	0	0	0	0	0
5.	DYSENTERY (all types)	0	0	0	0	0	0	0	0	0	0	0
6.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
7.	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
8.	GONOCOCCAL INFECTION (all forms)	5	1	0	0	0	1	0	0	0	0	7
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	10	2	2	1	6	7	2	0	3	2	35
10.	HIV INFECTION (all forms)	9	0	0	0	0	1	2	2	0	0	14
	HIV DEATH	0	0	0	0	0	0	0	0	0	0	0
11.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
12.	LEPTOSPIROSIS	1	0	0	0	0	0	1	0	0	0	2
13.	MALARIA	0	0	0	0	0	0	0	0	0	0	0
14.	MEASLES	0	0	0	0	0	0	0	0	0	0	0
15.	PLAGUE	0	0	0	0	0	0	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0
17.	RABIES	0	0	0	0	0	0	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0	0	0	0	0	0	0
19.	SYPHILIS (all forms)	4	0	0	0	0	0	0	0	0	0	4
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	22	11	2	3	0	3	7	1	2	1	52
	TUBERCULOSIS DEATH	1	1	0	0	0	0	1	0	0	0	3
22.	TYPHOID & PARATYPHOID FEVER	0	0	0	0	0	0	0	0	0	0	0
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0	0	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	0	0	0	0	0	0	0
25.	VIRAL HEPATITIS											
	a) Hepatitis A	1	0	0	0	0	0	0	0	0	0	1
	b) Hepatitis B	10	0	0	0	0	0	0	0	2	0	12
	c) Hepatitis C	1	6	0	0	2	0	0	0	0	0	9
	d) Other Hepatitis	0	0	0	0	0	0	0	0	0	0	0
26.	WHOOPING COUGH	0	0	0	0	0	0	0	0	0	0	0
27.	YELLOW FEVER	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)	0	0	0	0	0	0	27	0	0	36	63
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	428	0	0	0	0	0	0	0	0	0	428
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	15	0	0	0	0	0	0	0	0	0	15
6	MELIOIDOSIS	0	0	0	0	0	0	0	0	0	0	0
7	BRUCELOSIS	0	0	0	0	0	0	0	0	0	0	0
8	ZIKA	0	0	0	0	0	0	0	0	0	0	0

#### 4. COMMUNICABLE DISEASES CUMULATIVE BY DISTRICT, 2016, JOHORE STATE

	DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
<b>NOTIFIABLE DISEASES</b>												
1.	CHANCROID	0	0	0	0	0	0	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0	0	0	0	0	0	0
3.	DENGUE FEVER	7886(18)	483	161(1)	82	267	306	301(1)	150	517	85(1)	10238(21)
	DENGUE HAEMORRHAGIC FEVER	7	0	0	0	0	0	0	0	1	0	8
4.	DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0
5.	DYSENTERY (all types)	5	2	0	0	0	0	0	0	0	0	7
6.	EBOLA	0	0	0	0	0	0	0	0	0	0	0
7.	FOOD POISONING (episode)	27	14	6	4	6	2	1	3	11	1	75
	FOOD POISONING (case)	606	152(2)	370	118	412	29	247	35	186	22	2177(2)
8.	GONOCOCCAL INFECTION (all forms)	140	31	4	1	73	6	6	12	15	9	297
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	1815	328	249	237	232	446	69	142	225	95	3838
10.	HIV INFECTION (all forms)	339	22	40	7	40	33	29	30	19	10	569
	HIV DEATH	21	1	10	3	8	6	9	8	2	5	73
11.	LEPROSY	4	0	1	0	1	0	0	0	0	1	7
12.	LEPTOSPIROSIS	76(11)	21	19(1)	7	11	5(1)	25	10	12(1)	8	194(14)
13.	MALARIA	8	3	2	1	4	2	1	1	13	4	39
14.	MEASLES	160	14	16	2	12	23	4	4	3	0	238
15.	PLAGUE	0	0	0	0	0	0	0	0	0	0	0
16.	ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	0
17.	RABIES	0	0	0	0	0	0	0	0	0	0	0
18.	RELAPSING FEVER	0	0	0	0	0	0	0	0	0	0	0
19.	SYPHILIS (all forms)	130(1)	22	8	2	10	10	3	3	0	3	191(1)
20.	TETANUS (Neonatorum / Adult)	1	0	0	0	0	0	0	0	0	0	1
21.	TUBERCULOSIS (all forms)	996	138	136	64	194	181	93	80	137	45	2064
	TUBERCULOSIS DEATH	18	7	4	4	0	5	2	1	4	0	45
22.	TYPHOID & PARATYPHOID FEVER	2	0	1	2	0	1	0	0	0	1(1)	7(1)
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0	0	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	0	0	0	0	1	0	1
25.	VIRAL HEPATITIS											
	a) Hepatitis A	4	0	0	0	1	0	0	0	0	0	5
	b) Hepatitis B	135(2)	14	34(2)	2	26	10(1)	11	10(1)	26	3(1)	271(7)
	c) Hepatitis C	30(1)	8	14(1)	7(1)	31	16	9	11	21	2	149(3)
	d) Other Hepatitis	1	0	0	0	0	0	0	0	1	0	2
26.	WHOOPING COUGH	0	1	1	0	0	6	2	0	0	0	10
27.	YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>												
1	ACUTE FLACCID PARALYSIS (AFP)	5	0	2	0	5	0	0	0	0	0	12
2	ACUTE GASTROENTERITIS (AGE)	2168	107	372	531	2392	1191	2506	584	1737	1221	12809
3	FILARIASIS	0	0	0	1	1	0	0	2	10	0	14
4	INFLUENZA-LIKE ILLNESS (ILI)	38096	0	0	0	0	0	0	0	0	0	38096
5	SEVERE ACUTE RESPIRATORY INFECTION (SARI)	693	0	0	0	0	0	0	0	0	0	693
6	MELIOIDOSIS	1	1	5	0	6	2	4	3	0	0	22
7	BRUCELLOSIS	3	0	4	0	0	0	0	0	0	0	7
8	ZIKA	2	0	0	0	0	0	0	0	0	0	2

## 5. CLUSTER / OUTBREAK BY DISTRICT, 2016, JOHORE STATE

DISEASES		JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	JOHORE
1	ACUTE GASTROENTERITIS (AGE)	1	0	0	0	0	2	0	0	0	0	3
2	CHICKEN POX	2	0	0	1	0	0	0	0	0	0	3
3	CONJUNCTIVITIS	0	0	0	0	0	0	0	0	0	1	1
4	FOOD POISONING	27	14	5	2	6	2	1	3	10	1	71
5	HAND, FOOT & MOUTH DISEASE (HFMD)	50	10	4	8	1	18	1	0	5	2	99
6	HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7	INFLUENZA/(ILI)	6	0	1	0	0	0	1	0	0	0	8
8	LEPTOSPIROSIS	0	0	0	0	0	0	0	0	0	0	0
9	MEASLES	9	0	2	0	0	0	0	0	0	0	11
10	MUMPS	0	0	0	0	0	0	0	0	0	1	1
11	UPPER RESPIRATORY TRACT INFECTION (URTI)/	4	0	0	0	0	0	0	0	0	0	4
12	SCABIES	2	0	0	0	0	0	0	0	0	0	2
13	RUBELLA	0	0	0	0	0	0	0	0	0	0	0

## 6. INFLUENZA SURVEILLANCE 2015- 2016, JOHORE STATE

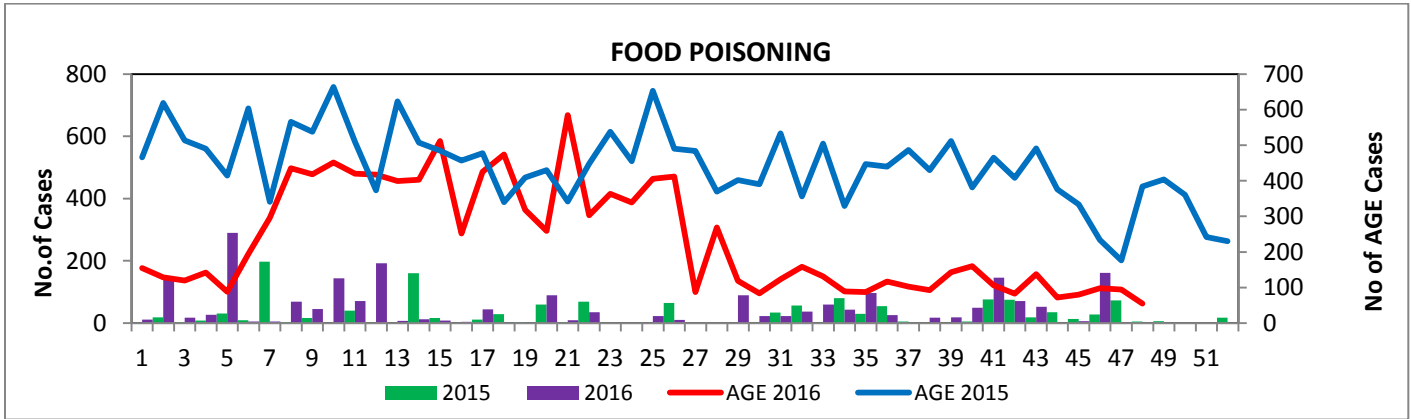
### 6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 48					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	39	44	237	108	428	3339	10115	18567	6075	38096
Total Outpatient Attendances	171	132	1420	1091	2814	18675	51537	101644	50764	222620

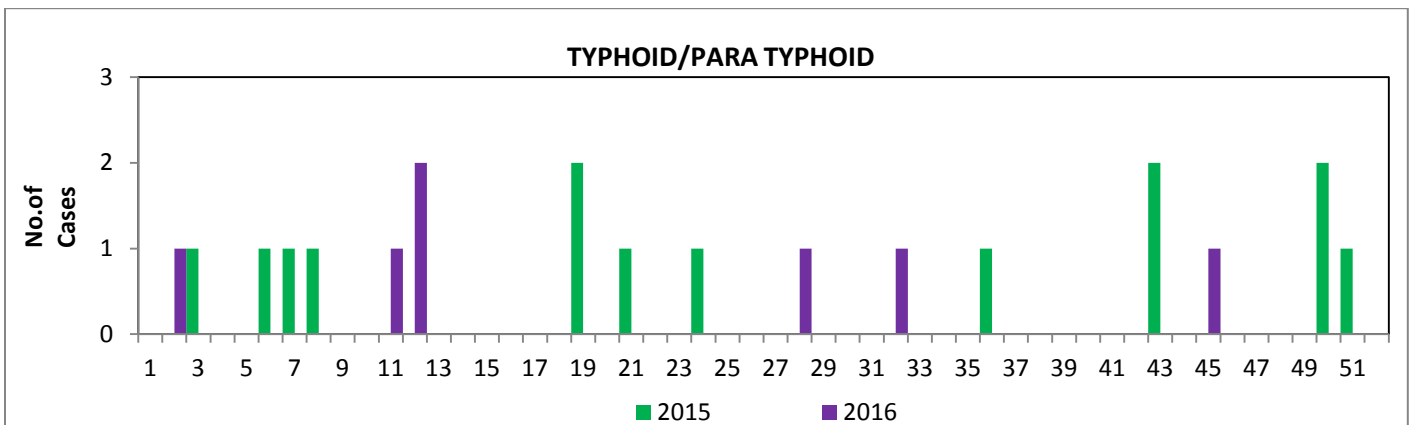
### 6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 48			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)	11	4	15	503	190	693

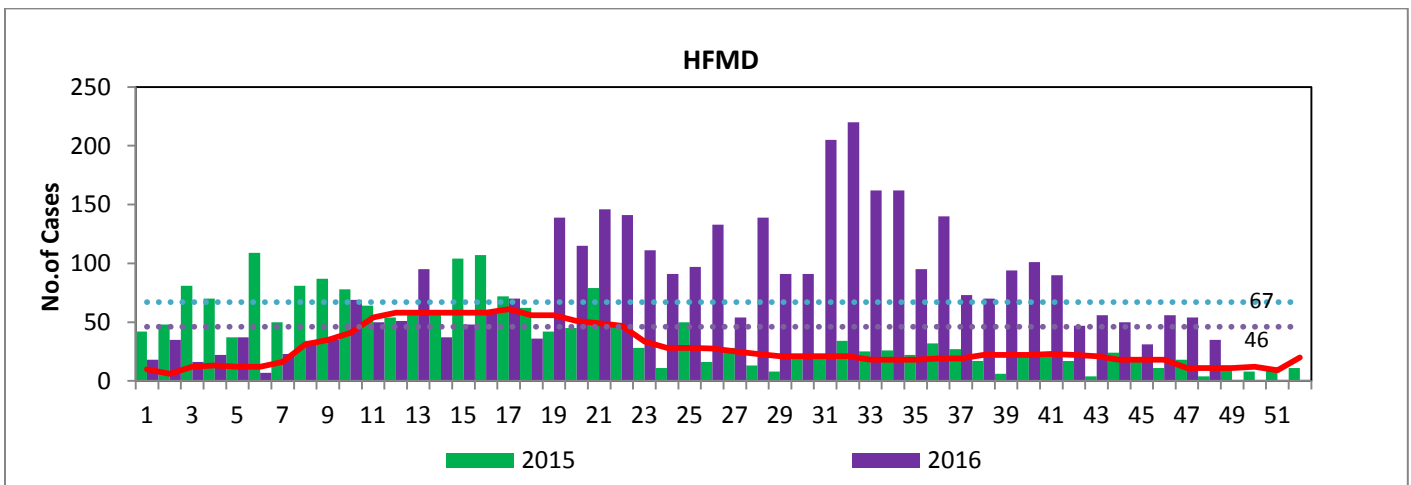
**7. WEEKLY CASES OF FOOD POISONING, 2015—2016**



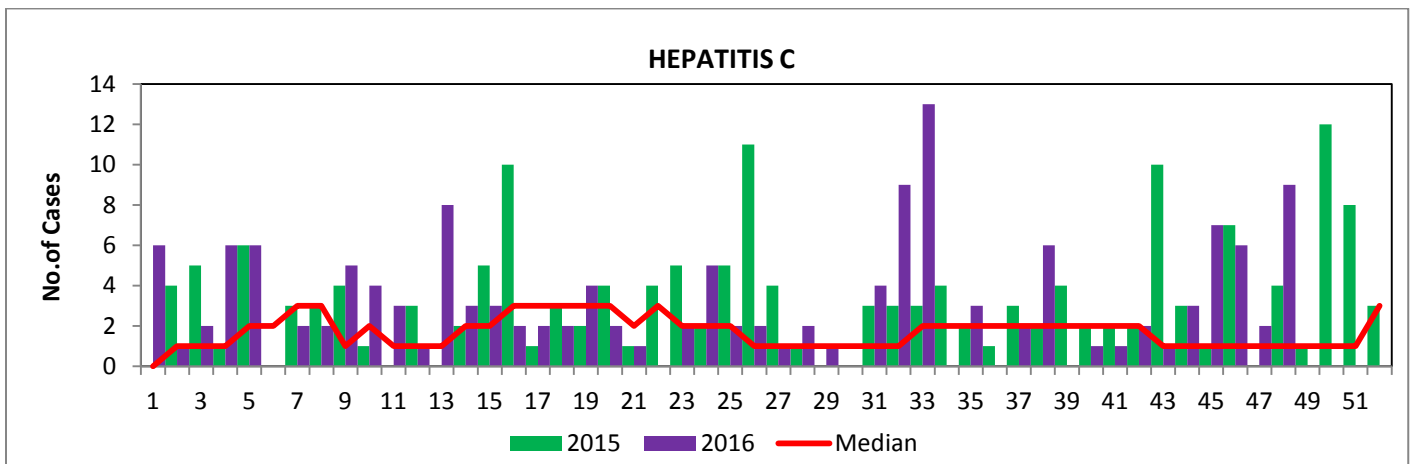
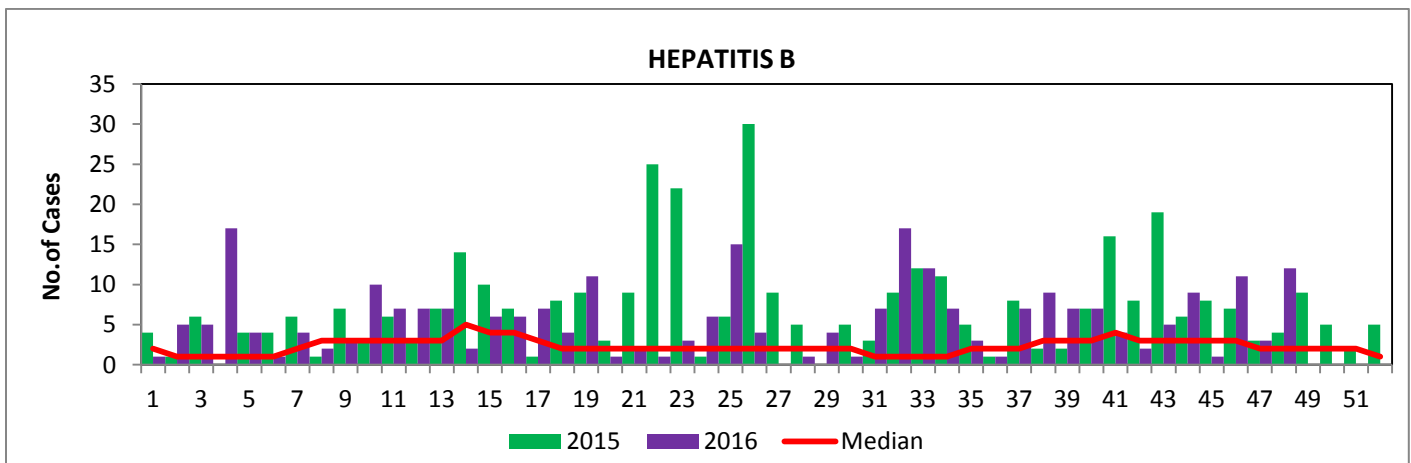
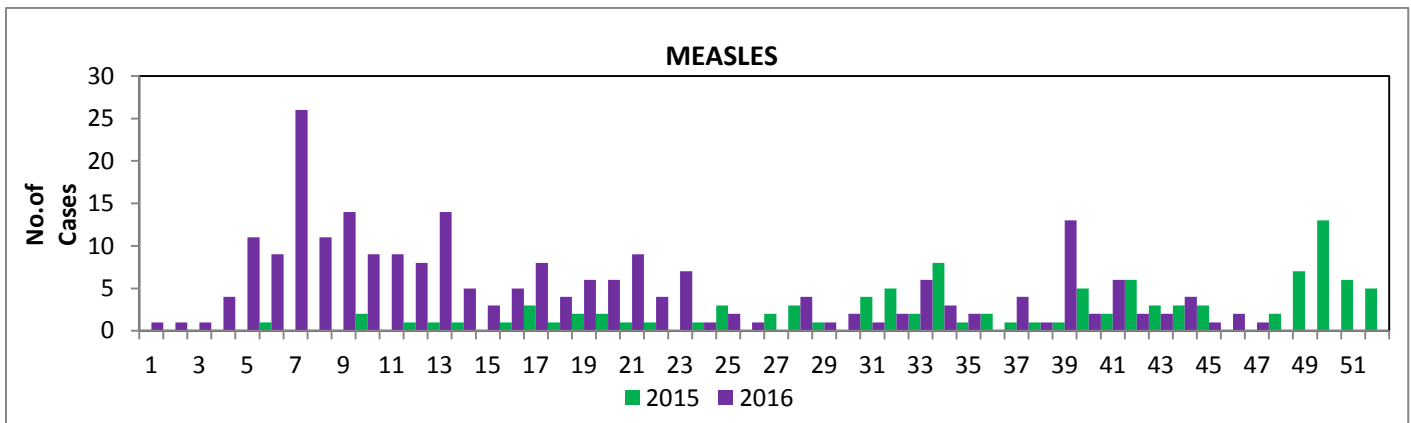
**8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016**



**9. WEEKLY CASES OF AIR/DROPLET BORNE DISEASES, 2015—2016**



## 10. WEEKLY CASES OF VACCINE PREVENTABLE DISEASES, 2015—2016





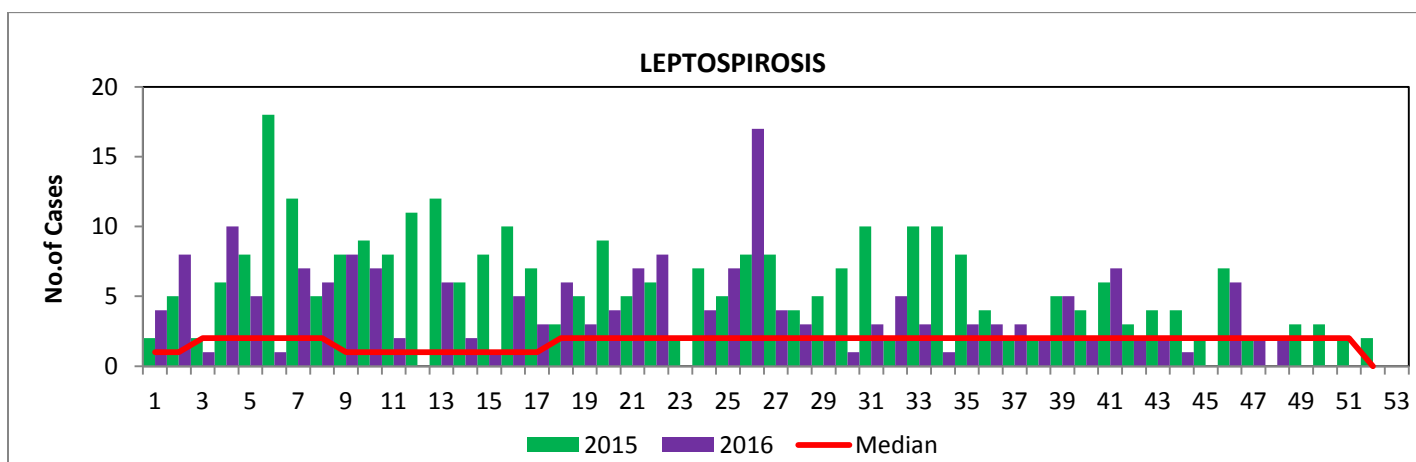
## 10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	8
Epidemiologically confirmed	16
Lab confirmed	214
Discarded	190
Pending	54

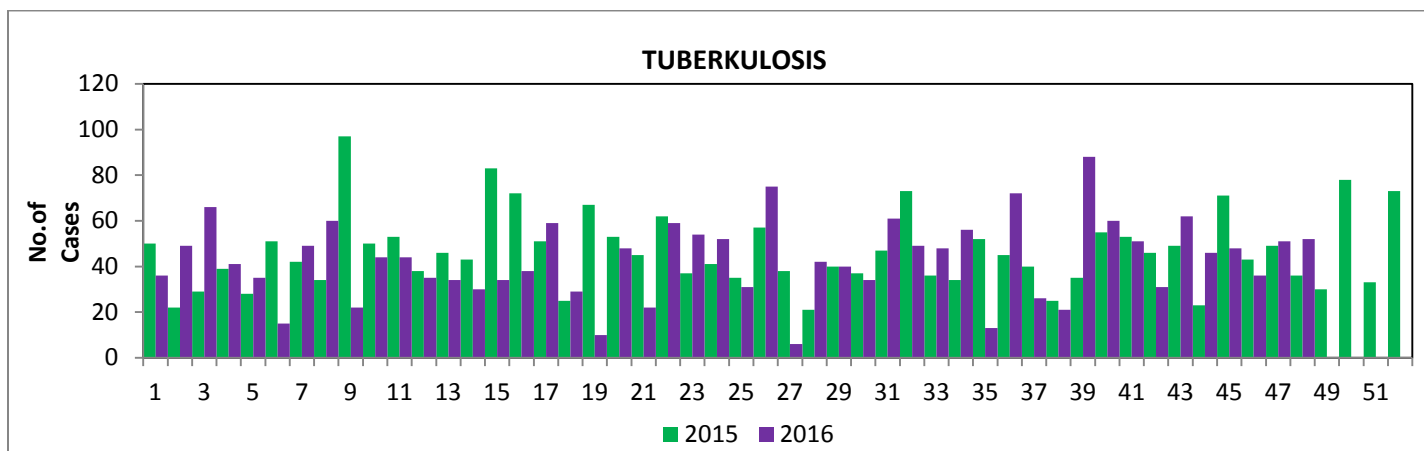
Total notifications	482
Incidence rate	134.2 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	47%	100%
Cases investigated within 48 hours	97%	>80%
Sample taken for confirmation	94%	>80%
Cases classified	89%	100%
Confirmed case with source of infection identified	91%	>80%
Death	0	0

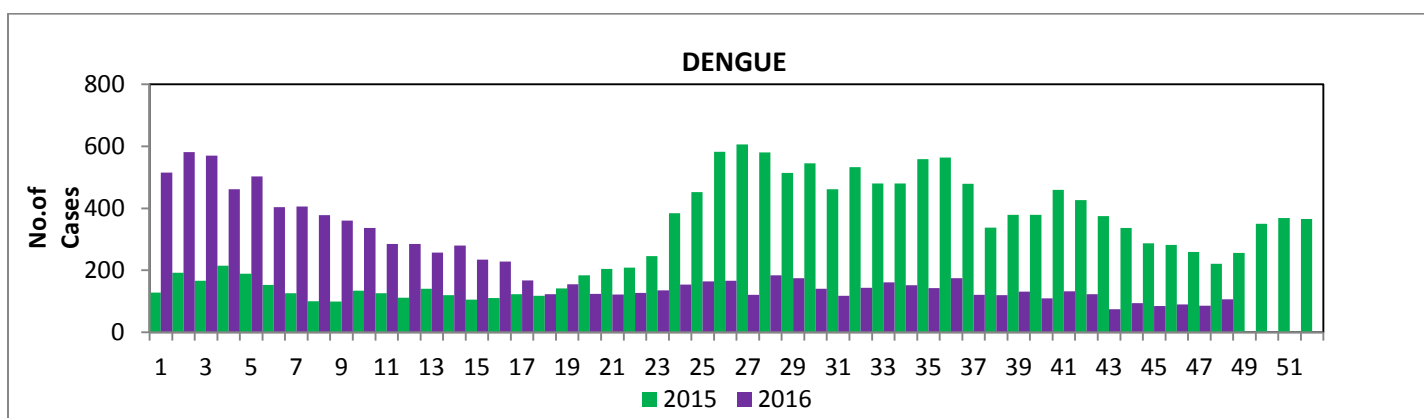
## 11. LEPTOSPIROSIS



## 12. TUBERCULOSIS



## 13. DENGUE

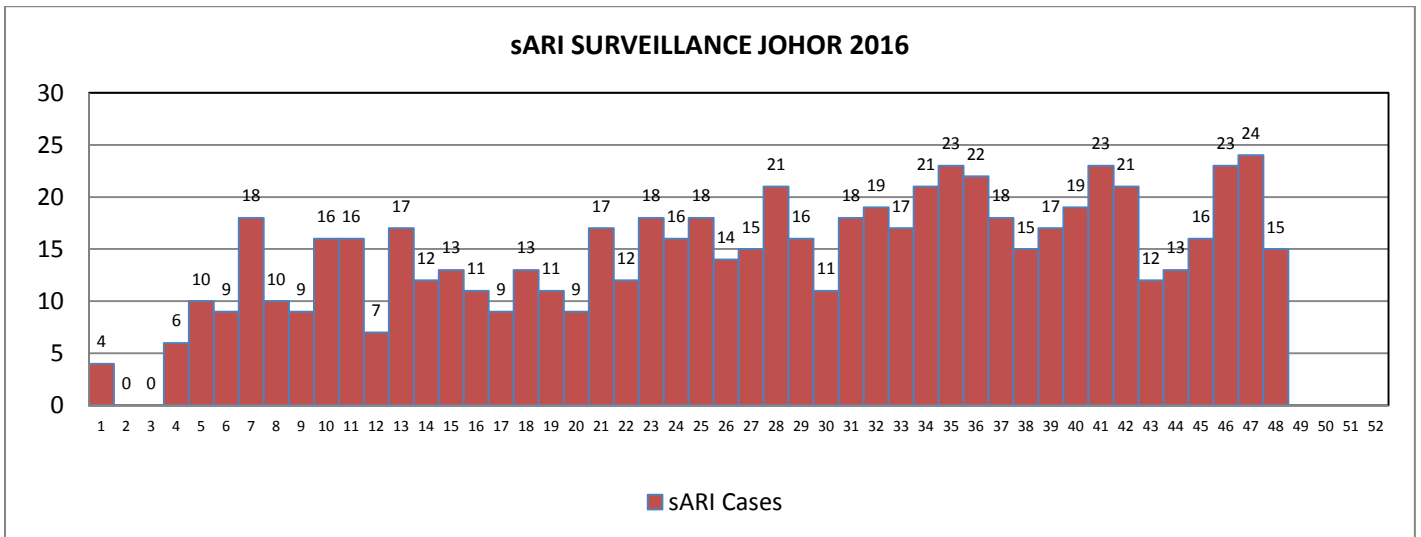
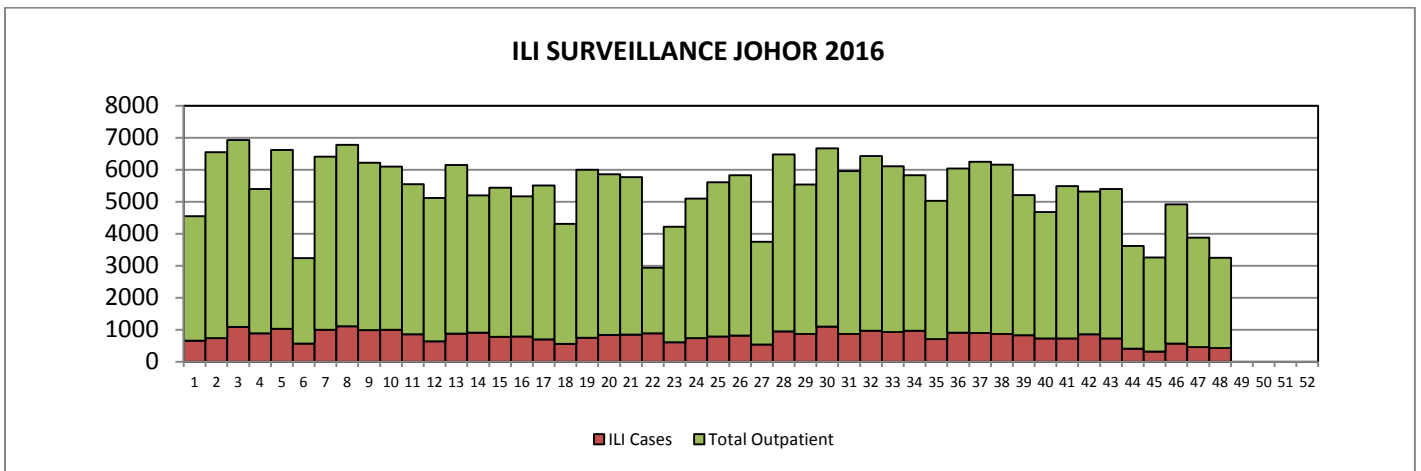
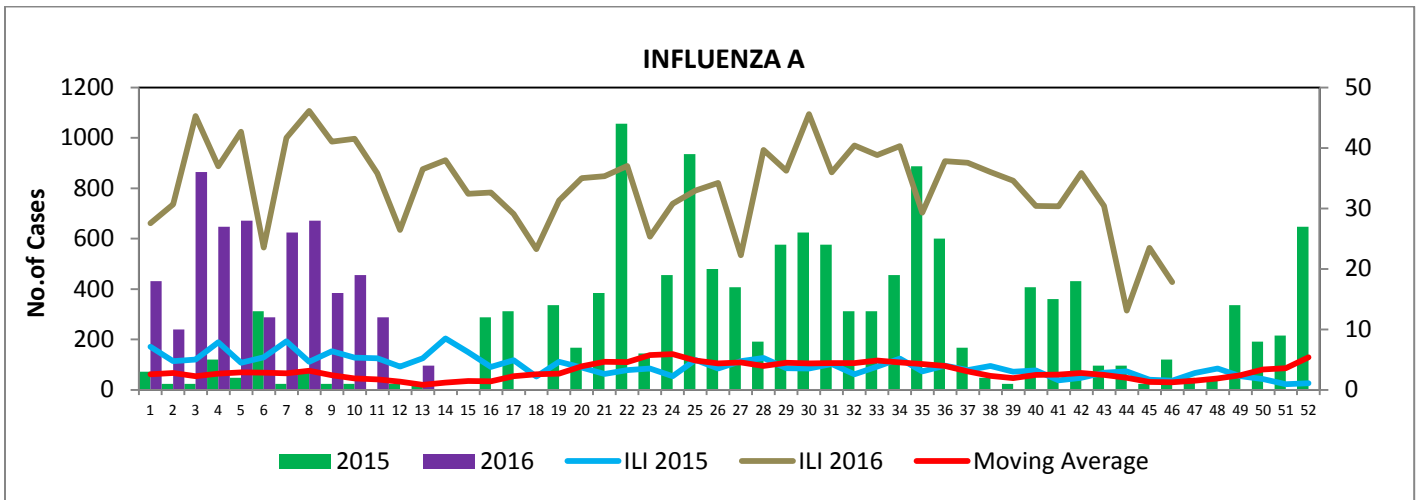


## 14. LABORATORY BASED SURVEILLANCE

### 14.1 Enteric Pathogen Identified During Food Poisoning / AGE Event 2016 – 2015, Johor State

Analysis	No. of sample received		No. of positive sample	
	EW 48 2016	Cumulative 2015	EW 48 2016	Cumulative 2015
1 <i>Salmonella typhi</i> / <i>Salmonella</i> spp.	0	0	0	0
2 <i>Yersinia enterocolitica</i>	0	0	0	0
3 <i>Vibrio cholerae</i> / <i>Vibro para</i>	0	0	0	0
4 <i>Plesiomonas shigelloides</i> /spp	0	0	0	0
5 <i>Enteropathogenic E.coli</i> (EPEC,EHEC)	0	0	0	0
6 <i>Aeromonas hydrophilia</i> /spp	0	0	0	0
7 <i>Shigella</i> spp.	0	0	0	0
8 <i>Bacillus cereus</i> (positive enterotoxin)	0	0	0	1
9 <i>Staphylococcus aureus</i> (positive enterotoxin)	0	0	0	0
10 <i>Campylobacter jejuni</i> / <i>coli</i> /spp	0	0	0	0

# 15. INFLUENZA SURVEILLANCE



## 16. FEVER & RASHES SURVEILLANCE

### FEVER & RASHES SURVEILLANCE (BY DISTRICT)-EW 48

DISTRICT	Fever	Rash	Fever and rash	Total attendance
JOHOR BAHRU	99	4	7	1064
KULAI	179	53	30	3240
MUAR	173	2	0	1214
TANGKAK	204	1	0	1548
BATU PAHAT	603	44	20	10847
KLUANG	141	2	0	1958
SEGAMAT	4	0	0	7358
PONTIAN	338	34	0	5269
KOTA TINGGI	0	0	0	0
MERSING	415	11	1	2479
TOTAL	2156	151	58	34977

### FEVER & RASHES SURVEILLANCE (BY FACILITY)-EW 48

FACILITIES	Fever	Rash	Fever and rash	Total attendance
HEALTH CLINIC	1493	126	48	28924
GOVERNMENT HOSPITAL	414	25	8	4474
PRIVATE CLINIC	222	0	0	1350
PRIVATE HOSPITAL	27	0	2	229
TOTAL	2156	151	58	34977