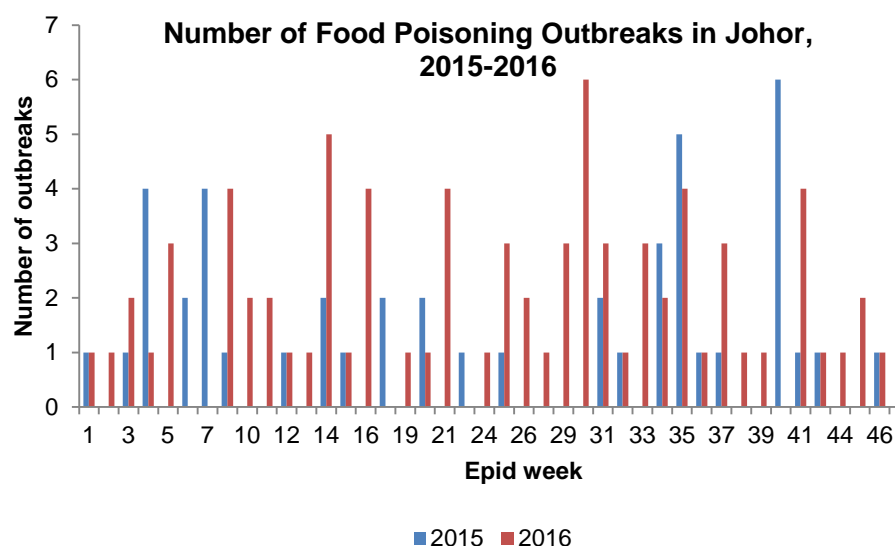


OUTBREAKS / CLUSTERS / UNUSUAL EVENTS EW 49

No	District	Locality	Disease /event	Number of cases
1	JOHOR BAHRU	Perasmian Arena, Stadium Larkin	Food Poisoning	13
2	KLUANG	Tadika 3Q, Tmn Era, Simpang Renggam	HFMD	3



Human infections with avian influenza A(H5N6) virus – China

7th December 2016 : The National Health and Family Planning Commission (NHFP) of China has notified WHO of two laboratory-confirmed cases of human infection with avian influenza A(H5N6) virus.

On 21st November 2016, a human case of infection with avian influenza A(H5N6) virus was reported in a 47-year-old female living in Wugang Prefecture, Hunan Province who developed symptoms on 18 November 2016. She was admitted to hospital on the same day in critical condition. On 1st December 2016, an additional human case of infection with avian influenza A(H5N6) virus was reported in a 30-year-old female living in Guangxi Province who developed the disease on 8 November 2016. She was admitted to hospital on 18th November 2016, and at the time of notification, was in critical condition. She had a history of exposure to dead poultry prior to illness onset.

Public health response

- Collecting sample from the cases and conducting laboratory tests.
- Intensified treatment of the cases; conducting epidemiological investigation of the cases; tracking and managing close contacts, and medical observation of close contacts.
- Strengthening sentinel surveillance of pneumonia of unknown causes and regular influenza; strengthening etiological surveillance of influenza/avian influenza viruses- WHO

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

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

DISEASE		EW 49/2016	EW 49/2015	MEDIAN	CUMULATIVE 2015	CUMULATIVE 2016
NOTIFIABLE DISEASES						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	86	256	127	14643	10324(21)
	DENGUE HAEMORRHAGIC FEVER	0	0	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	44	75
	FOOD POISONING (case)	0	6	5	1335	2177(2)
8.	GONOCOCCAL INFECTION (all forms)	8	7	3	265	305
9.	HAND,FOOT&MOUTH DISEASE (HFMD)	54	10	11	2013	3892
10.	HIV INFECTION (all forms)	29	19	13	702	598
	HIV DEATH	0	0	0	0	73
11.	LEPROSY	0	0	0	7	7
12.	LEPTOSPIROSIS	6(1)	2	1	297	200(17)
13.	MALARIA	3	0	0	37	42
14.	MEASLES	0	6	0	66	246
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)	5	5	2	124	196(1)
20.	TETANUS (Neonatorum / Adult)	0	0	0	2	1
21.	TUBERCULOSIS (all forms)	47	30	42	2228	2111
	TUBERCULOSIS DEATH	1	0	0	0	47
22.	TYPHOID & PARATYPHOID FEVER	1	0	0	11	8(1)
23.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24.	VIRAL ENCEPHALITIS	0	0	0	0	1
25.	VIRAL HEPATITIS					
	a) Hepatitis A	0	0	0	10	5
	b) Hepatitis B	9	10	3	384	280(7)
	c) Hepatitis C	6	4	1	150	155(3)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	0	3	0	20	10
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	0	12	12
2	ACUTE GASTROENTERITIS (AGE)	58	47	534	2555	12867
3	FILARIASIS	0	0	0	16	14
4	INFLUENZA-LIKE ILLNESS (ILI)	608	55	102	4854	38704
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	19	0	0	34	712
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	CUMULATIVE 2015	2016
NOTIFIABLE DISEASES						
1.	CHANCROID	0	0	0	0	0
2.	CHOLERA	0	0	0	0	0
3.	DENGUE FEVER	1477	4352	5693	14643	10324(21)
	DENGUE HAEMORRHAGIC FEVER	50	69	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	54	44	75
	FOOD POISONING (case)	1352	1354	2066	1335	2177(2)
8.	GONOCOCCAL INFECTION (all forms)	213	139	137	265	305
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	2287	1786	2059	2013	3892
10.	HIV INFECTION (all forms)	0	556	630	702	598
	HIV DEATH	0	0	0	0	73
11.	LEPROSY	7	12	8	7	7
12.	LEPTOSPIROSIS	67	56	372	297	200(17)
13.	MALARIA	87	60	41	37	42
14.	MEASLES	0	15	10	66	246
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)	145	109	56	124	196(1)
20.	TETANUS (Neonatorum / Adult)	1	0	1	2	1
21.	TUBERCULOSIS (all forms)	1902	1998	2014	2228	2111
	TUBERCULOSIS DEATH	0	0	0	0	47
22.	TYPHOID & PARATYPHOID FEVER	9	15	12	11	8(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	5	10	5
	b) Hepatitis B	217	162	205	384	280(7)
	c) Hepatitis C	127	147	127	150	155(3)
	d) Other Hepatitis	0	0	0	1	2
26.	PERTUSSIS	5	4	8	20	10
27.	YELLOW FEVER	0	0	0	0	0
OTHER DISEASES UNDER SURVEILLANCE						
1	ACUTE FLACCID PARALYSIS (AFP)	0	0	12	12	12
2	ACUTE GASTROENTERITIS (AGE)	34804	33493	29841	2555	12867
3	FILARIASIS	0	0	11	16	14
4	INFLUENZA-LIKE ILLNESS (ILI)	8214	7473	6930	4854	38704
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	385	34	712
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
NOTIFIABLE DISEASES												
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	62	1	4	1	1	5	6	1	3	2	86
	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)	4	1	0	0	0	0	1	1	1	0	8
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	23	3	3	4	2	13	3	0	2	1	54
10.	HIV INFECTION (all forms)	23	1	0	0	2	3	0	0	0	0	29
	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	1	0	0	0	0	3(1)	0	1	0	6(1)
13.	MALARIA	1	0	0	0	0	0	1	0	1	0	3
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	1	0	0	0	0	0	5
20.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
21.	TUBERCULOSIS (all forms)	17	0	7	1	10	0	2	1	8	1	47
	TUBERCULOSIS DEATH	0	0	0	0	0	0	1	0	0	0	1
22.	TYPHOID & PARATYPHOID FEVER	0	0	0	0	0	0	0	0	0	1	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	0	0	0
25.	VIRAL HEPATITIS											
	a) Hepatitis A	0	0	0	0	0	0	0	0	0	0	0
	b) Hepatitis B	7	0	1	1	0	0	0	0	0	0	9
	c) Hepatitis C	4	0	0	1	1	0	0	0	0	0	6
	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
OTHER DISEASES UNDER SURVEILLANCE												
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	58	0	0	0	58
3	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
4	INFLUENZA-LIKE ILLNESS (ILI)	608	0	0	0	0	0	0	0	0	0	608
5	SEVERE ACUTE RESPIRATORY INFECTION (sARI)	19	0	0	0	0	0	0	0	0	0	19
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
NOTIFIABLE DISEASES												
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	7948(18)	484	165(1)	83	268	311	307(1)	151	520	87(1)	10324(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)	144	32	4	1	73	6	7	13	16	9	305
9.	HAND, FOOT & MOUTH DISEASE (HFMD)	1838	331	252	241	234	459	72	142	227	96	3892
10.	HIV INFECTION (all forms)	362	23	40	7	42	36	29	30	19	10	598
	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	77(13)	22	19(1)	7	11	5(1)	28(1)	10	13(1)	8	200(17)
13.	MALARIA	9	3	2	1	4	2	2	1	14	4	42
14.	MEASLES	167	14	16	2	13	23	4	4	3	0	246
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)	134(1)	22	8	2	11	10	3	3	0	3	196(1)
20.	TETANUS (Neonatorum / Adult)	1	0	0	0	0	0	0	0	0	0	1
21.	TUBERCULOSIS (all forms)	1013	138	143	65	204	181	95	81	145	46	2111
	TUBERCULOSIS DEATH	18	7	4	5	0	5	3	1	4	0	47
22.	TYPHOID & PARATYPHOID FEVER	2	0	1	2	0	1	0	0	0	2(1)	8(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	142(2)	14	35(2)	3	26	10(1)	11	10(1)	26	3(1)	280(7)
	c) Hepatitis C	34()	8	14(1)	8(1)	32	16	9	11	21	2	155(1)
	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
OTHER DISEASES UNDER SURVEILLANCE												
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	2564	584	1737	1221	12867
3	FILARIASIS	0	0	0	1	1	0	0	2	10	0	14
4	INFLUENZA-LIKE ILLNESS (ILI)	38704	0	0	0	0	0	0	0	0	0	38704
5	SEVERE ACUTE RESPIRATORY INFECTION (SARI)	712	0	0	0	0	0	0	0	0	0	712
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	28	14	5	2	6	2	1	3	10	1	72
5	HAND, FOOT & MOUTH DISEASE (HFMD)	50	10	4	8	1	19	1	0	5	2	100
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

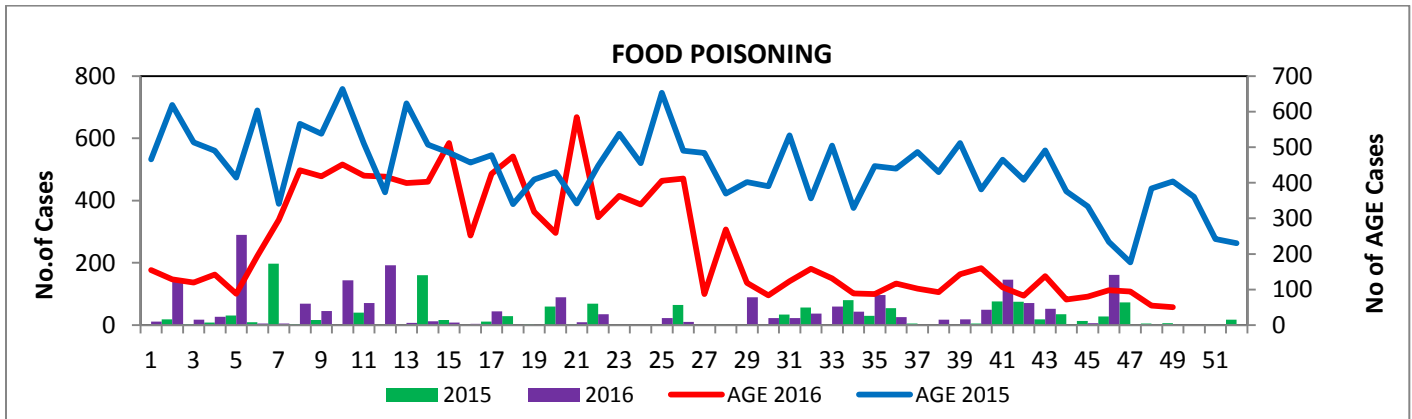
6.1 ILI SURVEILLANCE (KPL MAHMOODIAH)

ILI Surveillance	EW 49					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	55	105	253	195	608	3394	10220	18820	6270	38704
Total Outpatient Attendances	119	255	2313	1644	4331	18794	51792	103957	52408	226951

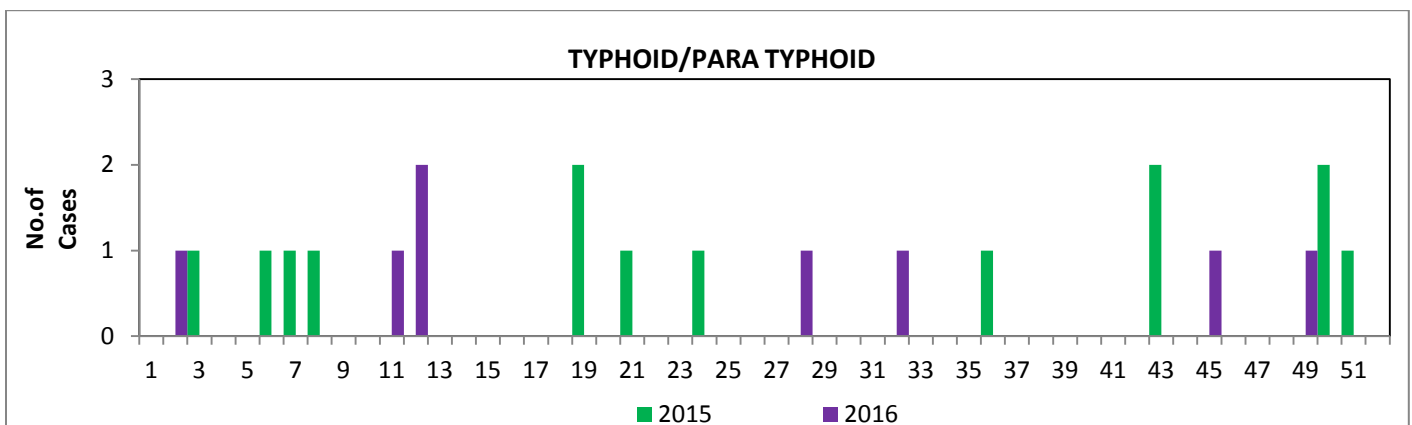
6.2 sARI SURVEILLANCE (HOSPITAL SULTANAH AMINAH, JOHOR BAHRU)

sARI Surveillance	EW 49			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)	15	4	19	518	194	712

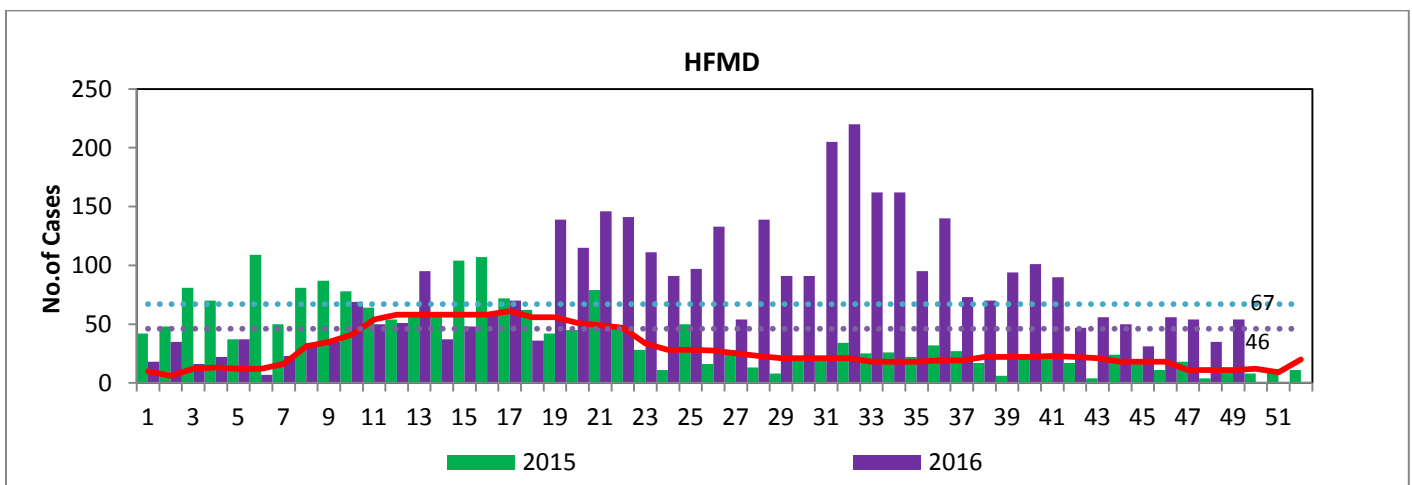
7. WEEKLY CASES OF FOOD POISONING, 2015—2016



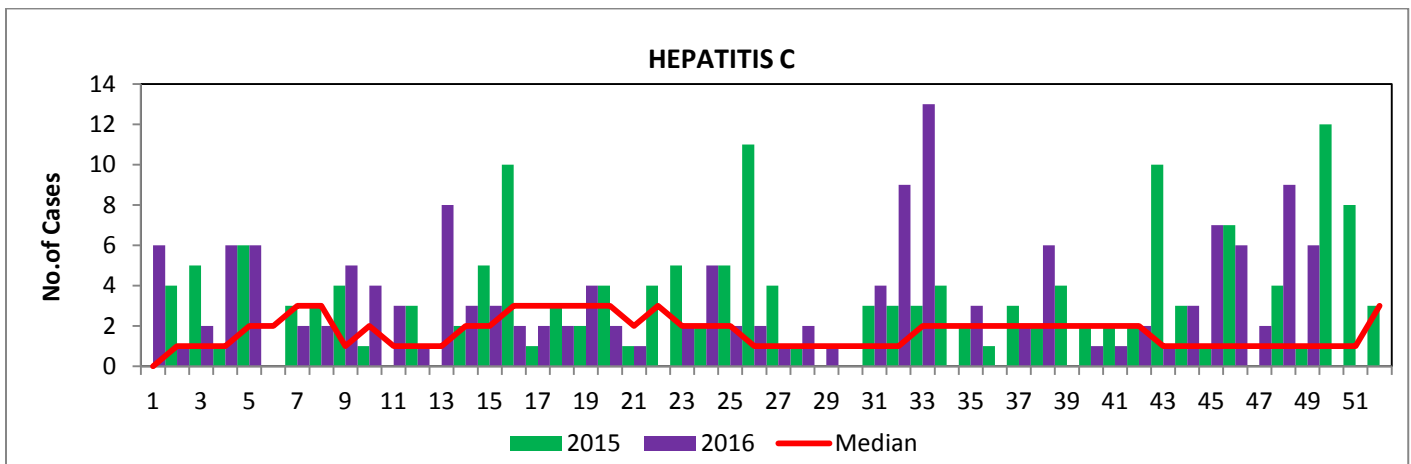
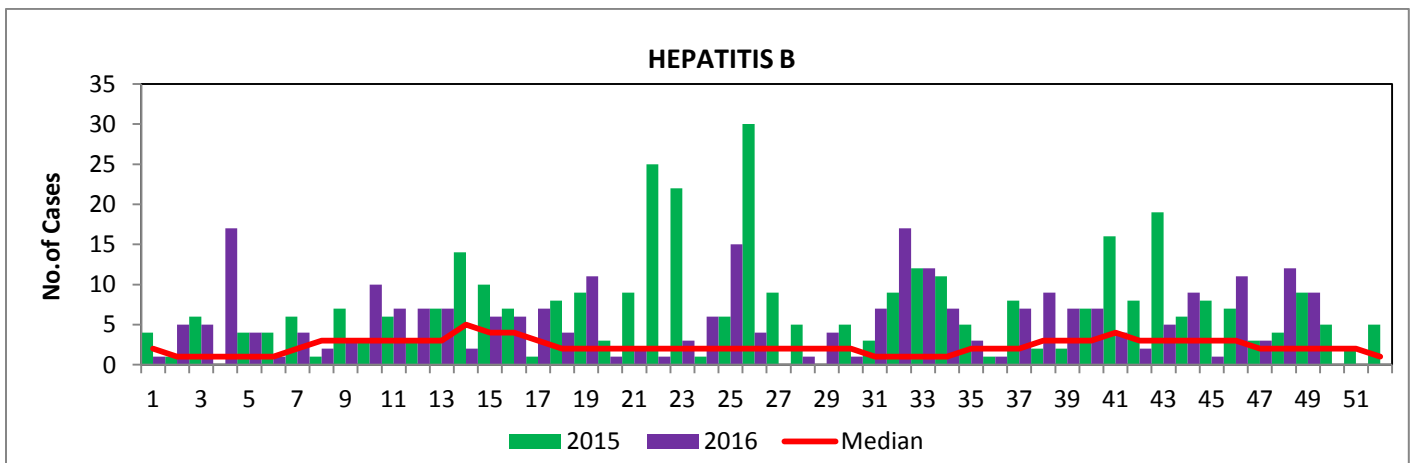
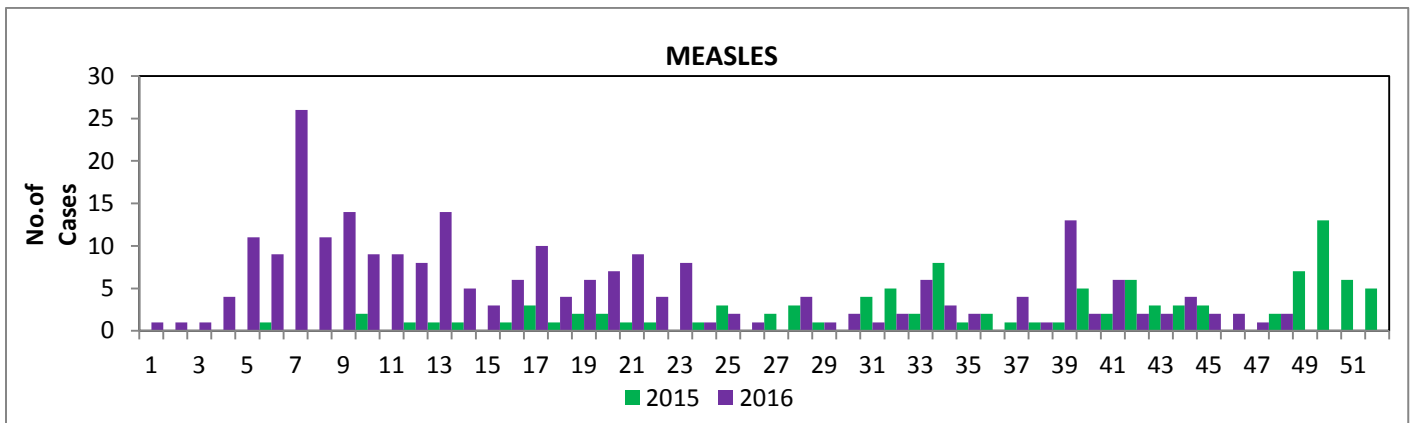
8. WEEKLY CASES OF OTHER FOOD WATERBORNE DISEASES, 2015—2016



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



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



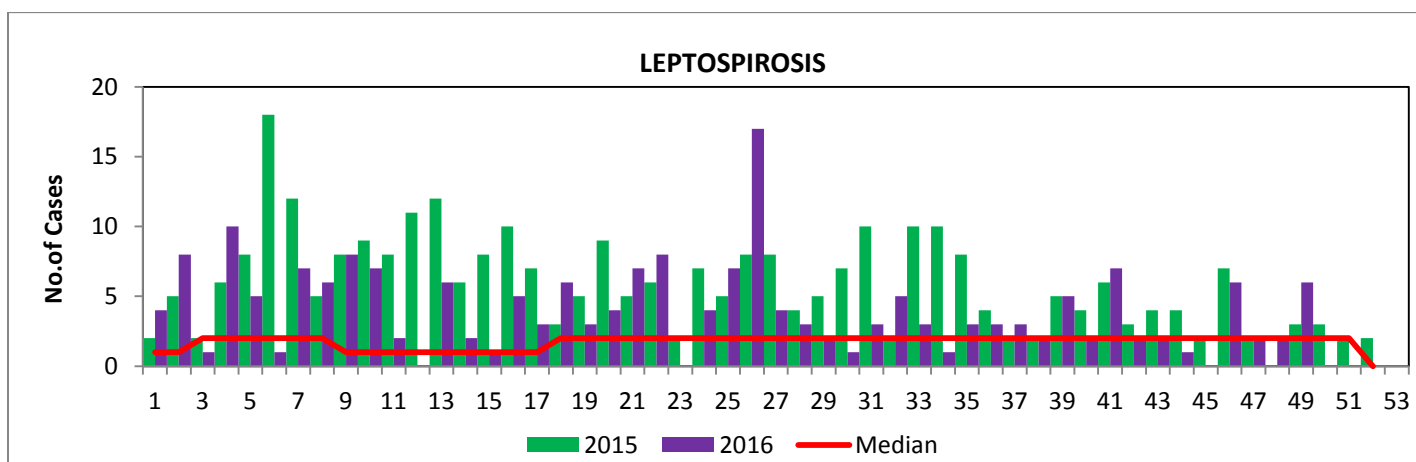
10.2 MEASLES ENHANCED SURVEILLANCE DATA (Cumulative)

Case classification	Frequency
Clinically confirmed	9
Epidemiologically confirmed	16
Lab confirmed	221
Discarded	199
Pending	37

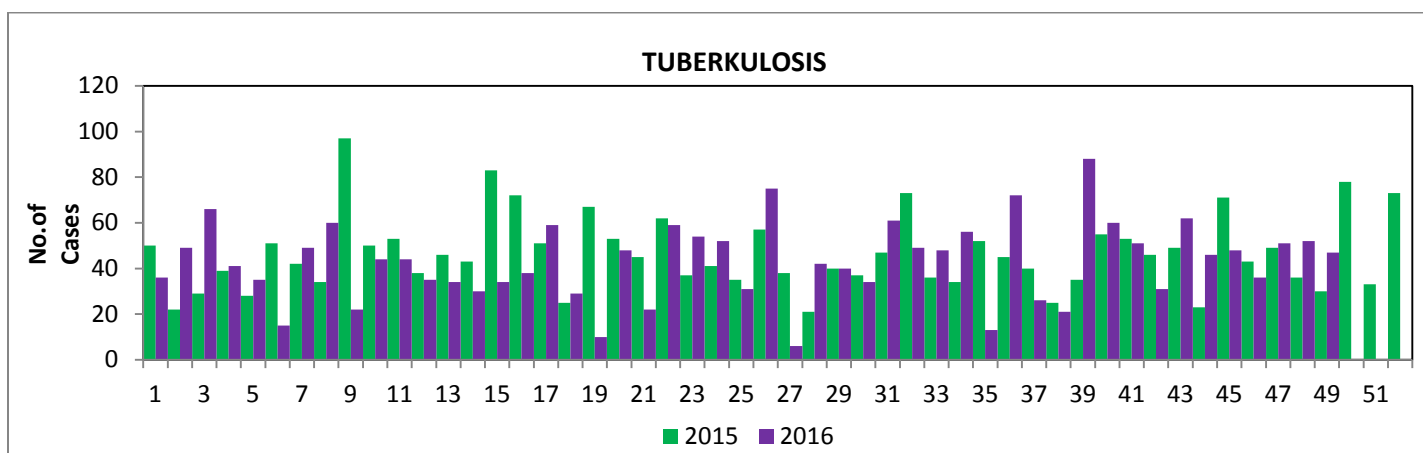
Total notifications	482
Incidence rate	134.2 per 1 million population

Indicator	Achievement	Target
Cases notified within 48 hours of rash onset	47%	100%
Cases investigated within 48 hours	98%	>80%
Sample taken for confirmation	93%	>80%
Cases classified	92%	100%
Confirmed case with source of infection identified	91%	>80%
Death	0	0

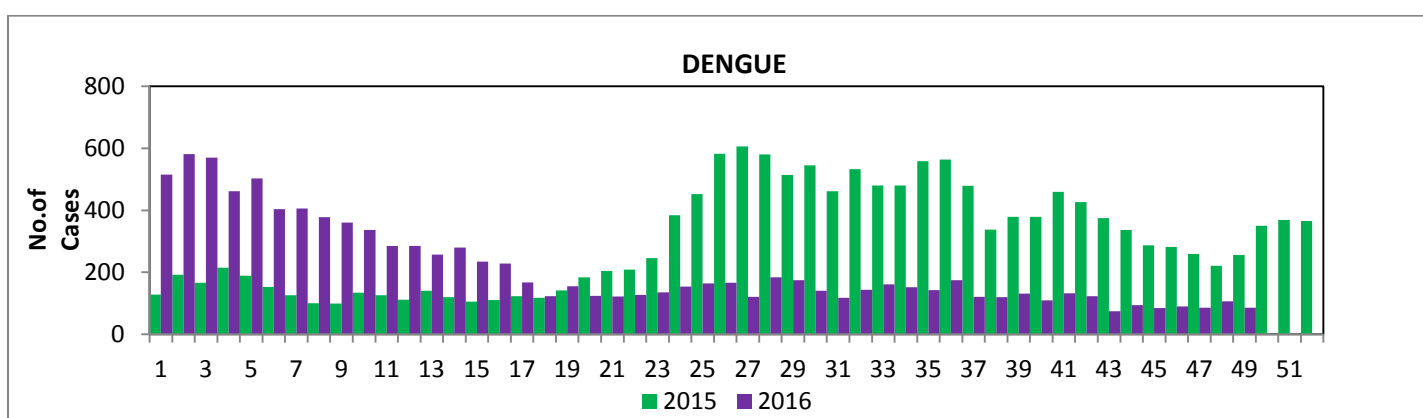
11. LEPTOSPIROSIS



12. TUBERCULOSIS



13. DENGUE

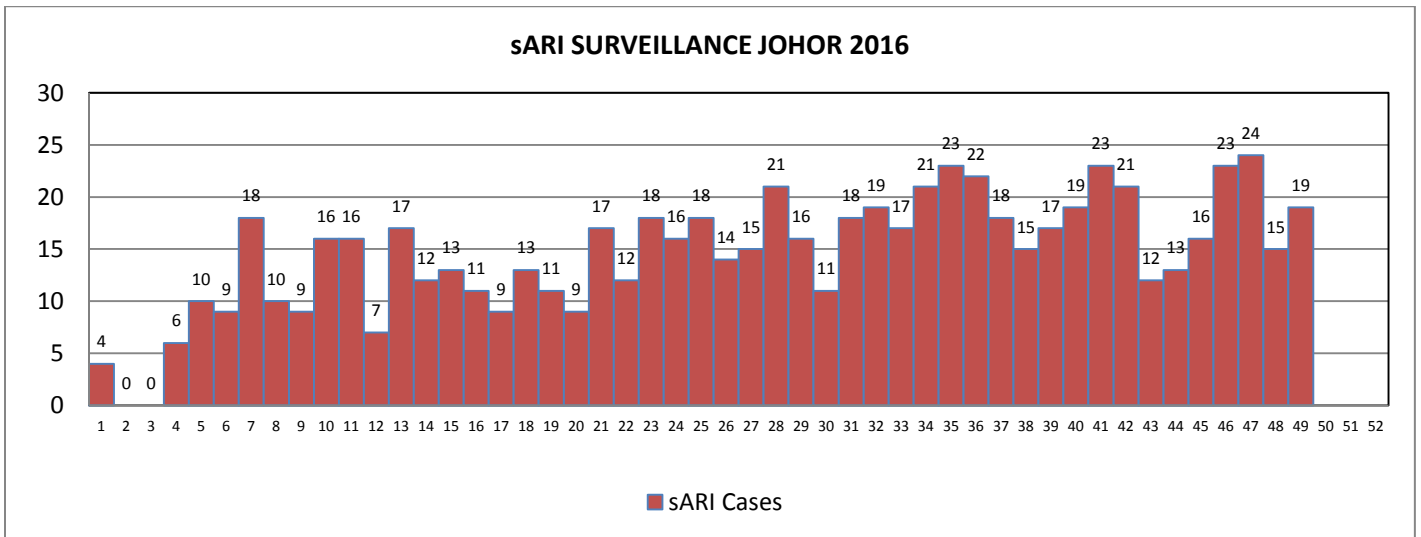
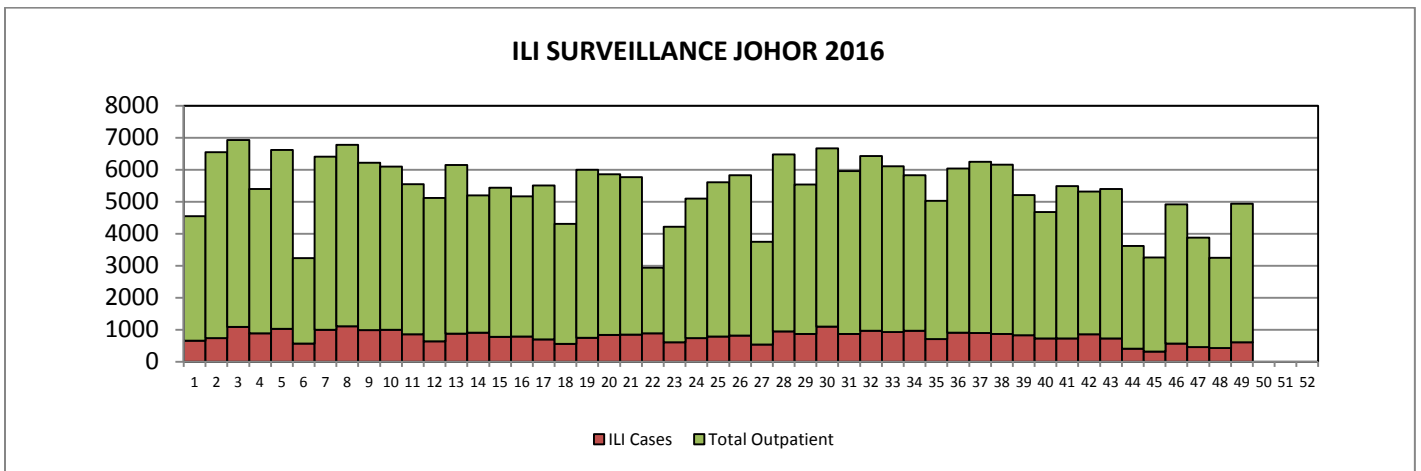
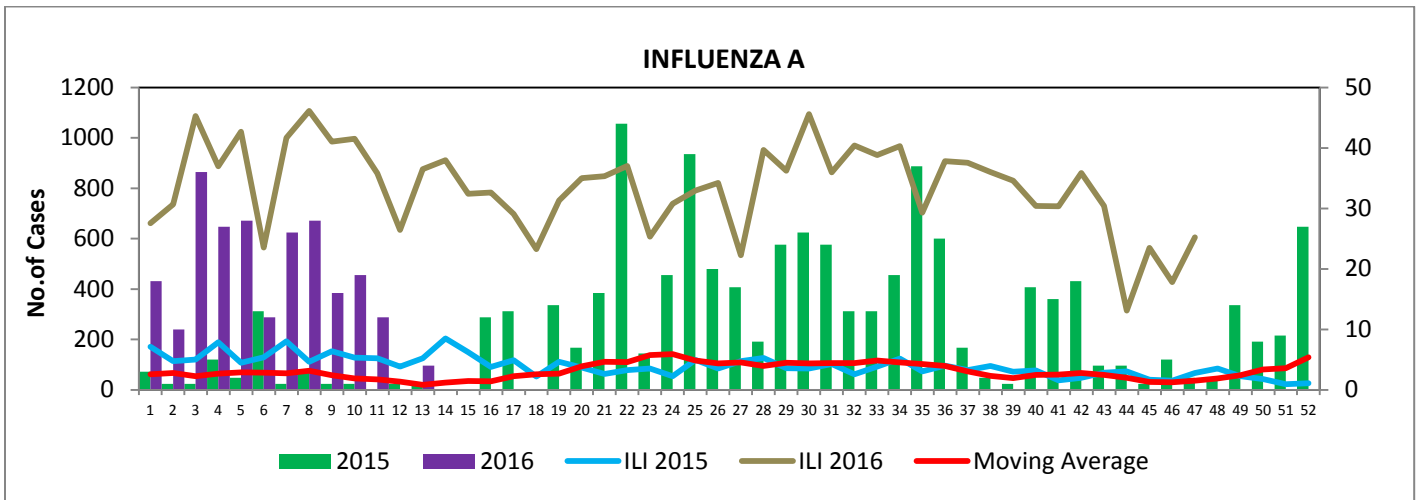


14. LABORATORY BASED SURVEILLANCE

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/Salmonella spp.</i>	9	8	1086	679	0	0	14	20
2 <i>Yersinia enterocolitica</i>	0	8	774	591	0	0	0	0
3 <i>Vibrio cholerae/Vibro para</i>	0	8	795	606	0	0	11	9
4 <i>Plesiomonas shigelloides/spp</i>	0	8	774	591	0	0	0	0
5 <i>Enteropathogenic E.coli (EPEC,EHEC)</i>	0	8	774	591	0	0	3	8
6 <i>Aeromonas hydrophilia/spp</i>	0	8	774	591	0	0	2	5
7 <i>Shigella spp.</i>	0	8	774	591	0	0	0	0
8 <i>Bacillus cereus (positive enterotoxin)</i>	0	8	774	591	0	0	1	13
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	0	8	774	591	0	0	35	17
10 <i>Campylobacter jejuni/coli/spp</i>	0	8	774	591	0	0	0	0

15. INFLUENZA SURVEILLANCE



16. FEVER & RASHES SURVEILLANCE

FEVER & RASHES SURVEILLANCE (BY DISTRICT)-EW 49

DISTRICT	Fever	Rash	Fever and rash	Total attendance
JOHOR BAHRU	76	4	3	771
KULAI	69	7	5	1232
MUAR	1365	132	0	7718
TANGKAK	327	9	0	2515
BATU PAHAT	920	160	12	7994
KLUANG	496	10	2	5794
SEGAMAT	12	0	0	7820
PONTIAN	285	33	0	5297
KOTA TINGGI	883	144	1	8038
MERSING	0	0	0	0
TOTAL	4433	499	23	47179

FEVER & RASHES SURVEILLANCE (BY FACILITY)-EW 49

FACILITIES	Fever	Rash	Fever and rash	Total attendance
HEALTH CLINIC	3497	400	18	39041
GOVERNMENT HOSPITAL	459	45	3	4295
PRIVATE CLINIC	477	54	2	3843
PRIVATE HOSPITAL	0	0	0	0
TOTAL	4433	499	23	47179