



**EPID WEEK 50**

**( 14.12.10.2015 – 20.12.2015)**

**COMMUNICABLE DISEASE FOR CURRENT WEEK, 2014 AND 2015, JOHORE STATE**

DISEASE	THIS EPID WEEK		MEDIAN 2010-2014	CUMULATIVE	
	2015	2014		2015	2014
<b>NOTIFIABLE DISEASES</b>					
1. CHANCROID	0	0	0	0	0
2. CHOLERA	0	0	0	0	0
3. DENGUE FEVER	349	122	50	14982(42)	5848
DENGUE HAEMORRHAGIC FEVER	1	0	1	26	30
4. DIPHTHERIA	0	0	0	0	0
5. DYSENTERY (all types)	1	0	0	10	1
6. EBOLA	0	0	0	0	0
7. FOOD POISONING (episode)	0	0	0	45	53
FOOD POISONING (case)	0	0	0	1335	2108
8. GONOCOCCAL INFECTION (all forms)	20	1	4	285	137
9. HAND, FOOT & MOUTH DISEASE (HFMD)	8	43	13	2021(2)	2301
10. HIV INFECTION (all forms)	13	8	11	713	415
HIV DEATH	0	2	NA	25	34
11. LEPROSY	0	0	0	7	1
12. LEPTOSPIROSIS	3	9	2	300(4)	343
13. MALARIA	0	0	1	46	35
14. MEASLES	20	0	0	244	7
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	4	1	129	114
20. TETANUS (Neonatorum / Adult)	0	0	0	2	5
21. TUBERCULOSIS (all forms)	78	42	49	2301	2092
TUBERCULOSIS DEATH	0	0	NA	24	15
22. TYPHOID & PARATYPHOID FEVER	2	0	0	13	12
23. TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
24. VIRAL ENCEPHALITIS	0	0	0	4	0
25. VIRAL HEPATITIS					
a) Hepatitis A	0	0	0	9	3
b) Hepatitis B	10	5	2	357	165
c) Hepatitis C	12	1	1	155	112
d) Other Hepatitis	0	0	0	1	0
26. WHOOPING COUGH	0	0	0	21	8
27. YELLOW FEVER	0	0	0	0	0
<b>OTHER LIFE THREATENING MICROBIAL INFECTION</b>					
1. CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	0	0	NA	0	0
2. MENINGOCOCCAL MENINGITIS	0	NA	NA	0	NA
<b>OTHER DISEASES UNDER SURVEILLANCE</b>					
1. ACUTE FLACCID PARALYSIS (AFP)	0	NA	NA	12	12
2. ACUTE GASTROENTERITIS (AGE)	361	421	598	22299	30262
3. FEVER SURVEILLANCE	4604	4927	5997	269077	287467
4. FILARIASIS	0	0	NA	14	0
5. INFLUENZA A	12	0	0	625(1)	34
6. INFLUENZA-LIKE ILLNESS (ILI)	43	124	108	4897	7054
7. MELIOIDOSIS	0	0	NA	11	3
8. SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	NA	0	34	NA

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**CUMULATIVE BY YEAR, 2010-2015, JOHORE STATE**

DISEASE	2010	2011	2012	2013	2014	2015
<b>NOTIFIABLE DISEASES</b>						
1. CHANCROID	0	0	0	0	0	0
2. CHOLERA	0	0	0	0	0	0
3. DENGUE FEVER	3699	1331	1517	4460	5848	14982(42)
DENGUE HAEMORRHAGIC FEVER	623	190	50	70	30	26
4. DIPHTHERIA	0	0	0	0	0	0
5. DYSENTERY (all types)	8	3	2	1	1	10
6. EBOLA	0	0	0	0	0	0
7. FOOD POISONING (episode)	32	83	60	42	53	45
FOOD POISONING (case)	973	3313	1766	1447	2108	1335
8. GONOCOCCAL INFECTION (all forms)	186	222	213	147	137	285
9. HAND, FOOT & MOUTH DISEASE (HFMD)	974	523	2553	1889	2301	2021(2)
10. HIV INFECTION (all forms)	553	554	609	418	415	713
HIV DEATH	NA	NA	45	42	34	25
11. LEPROSY	2	10	9	9	1	7
12. LEPTOSPIROSIS	22	48	62	54	343	300(4)
13. MALARIA	143	91	87	62	35	46
14. MEASLES	5	25	49	17	7	244
15. PLAGUE	0	0	0	0	0	0
16. ACUTE POLIOMYELITIS	0	0	0	0	0	0
17. RABIES	0	0	0	0	0	0
18. RELAPSING FEVER	0	0	0	0	0	0
19. SYPHILIS (all forms)	87	101	140	110	114	129
20. TETANUS (Neonatorum / Adult)	0	2	1	0	5	2
21. TUBERCULOSIS (all forms)	2027	1888	2038	2128	2092	2301
TUBERCULOSIS DEATH	NA	NA	52	44	15	24
22. TYPHOID & PARATYPHOID FEVER	11	7	9	14	12	13
23. TYPHUS & OTHER RECKETTSIOSES	0	0	1	0	0	0
24. VIRAL ENCEPHALITIS	0	0	2	0	0	4
25. VIRAL HEPATITIS						
a) Hepatitis A	3	4	3	2	3	9
b) Hepatitis B	53	38	244	179	165	357
c) Hepatitis C	93	64	106	128	112	155
d) Other Hepatitis	0	2	3	0	0	1
26. WHOOPING COUGH	0	8	8	4	8	21
27. YELLOW FEVER	0	0	0	0	0	0
<b>OTHER LIFE THREATENING MICROBIAL INFECTION</b>						
1. CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	1	19	40	0	0	0
2. MENINGOCOCCAL MENINGITIS	NA	NA	NA	NA	NA	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>						
1. ACUTE FLACCID PARALYSIS (AFP)	NA	NA	NA	NA	12	12
2. ACUTE GASTROENTERITIS (AGE)	53424	48394	35428	34040	30262	22299
3. FEVER SURVEILLANCE	336255	259233	357140	316890	287467	269077
4. FILARIASIS	0	0	0	0	0	14
5. INFLUENZA A	697	102	41	18	34	625(1)
6. INFLUENZA-LIKE ILLNESS (ILI)	12627	5057	8349	7596	7054	4897
7. MELIOIDOSIS	NA	NA	1	4	3	11
8. SEVERE ACUTE RESPIRATORY INFECTION (sARI)	NA	NA	NA	NA	NA	34

## COMMUNICABLE DISEASES FOR CURRENT WEEK BY DISTRICT, 2015, JOHORE STATE

DISEASE	DISTRICT										
	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	STATE
<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	266	18	9	2	10	10	10	5	17	2	349
DENGUE HAEMORRHAGIC FEVER	0	0	0	0	0	0	0	0	1	0	1
4. DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0
5. DYSENTERY (all types)	0	1	0	0	0	0	0	0	0	0	1
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)	18	1	0	0	0	0	0	0	1	0	20
9. HAND, FOOT & MOUTH DISEASE (HFMD)	3	0	0	0	2	3	0	0	0	0	8
10. HIV INFECTION (all forms)	9	0	0	0	2	0	1	1	0	0	13
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	0	0	1	1	3
13. MALARIA	0	0	0	0	0	0	0	0	0	0	0
14. MEASLES	5	0	1	0	0	13	0	1	0	0	20
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)	3	1	0	1	0	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)	18	8	0	2	13	17	0	2	8	10	78
TUBERCULOSIS DEATH	0	0	0	0	0	0	0	0	0	0	0
22. TYPHOID & PARATYPHOID FEVER	1	0	0	0	0	0	1	0	0	0	2
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	6	1	0	0	2	0	0	0	0	1	10
c) Hepatitis C	7	0	0	2	1	0	0	0	0	2	12
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 LIFE THREATENING MICROBIAL INFECTION</b>											
1. CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	0	0	0	0	0	0	0	0	0	0	0
2. MENINGOCOCCAL MENINGITIS	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)	110	0	0	0	76	63	39	26	47	0	361
3. FEVER SURVEILLANCE											
a) Fever <38°C	0	198	777	218	420	289	665	359	657	55	3638
b) Fever >38°C	0	19	238	74	225	83	104	19	172	32	966
4. FILARIASIS	0	0	0	0	0	0	0	0	0	0	0
5. INFLUENZA A	11	0	0	0	0	0	0	1	0	0	12
6. INFLUENZA-LIKE ILLNESS (ILI)	0	0	0	0	0	0	0	20	23	0	43
7. MELIOIDOSIS	0	0	0	0	0	0	0	0	0	0	0
8. SEVERE ACUTE RESPIRATORY INFECTION (sARI)	0	0	0	0	0	0	0	0	0	0	0

**COMMUNICABLE DISEASES FOR CURRENT WEEK CUMULATIVE BY DISTRICT, 2015, JOHORE STATE**

DISEASE	DISTRICT										STATE
	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	
<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	11400(30)	776(1)	392(3)	112	551(2)	679(2)	263(2)	137	570(2)	102(1)	14982(42)
DENGUE HAEMORRHAGIC FEVER	12	0	1	0	0	10	0	1	2	0	26
4. DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	0
5. DYSENTERY (all types)	3	6	0	0	0	0	0	0	0	1	10
6. EBOLA	0	0	0	0	0	0	0	0	0	0	0
7. FOOD POISONING (episode)	20	4	4	3	8	2	1	0	2	1	45
FOOD POISONING (case)	630	61	168	151	142	82	37	0	29	35	1335
8. GONOCOCCAL INFECTION (all forms)	119	25	4	2	91	12	7	20	2	3	285
9. HAND, FOOT & MOUTH DISEASE (HFMD)	1111(2)	187	127	114	153	97	49	45	90	48	2021(2)
10. HIV INFECTION (all forms)	427	28	65	16	41	37	22	19	46	12	713
HIV DEATH	0	0	6	0	2	3	3	1	3	7	25
11. LEPROSY	3	0	0	1	0	0	0	1	0	2	7
12. LEPTOSPIROSIS	91 (2)	45	12	8	71	7	20(1)	17(1)	21	8	300(4)
13. MALARIA	16	3	4	0	5	6	2	0	6	4	46
14. MEASLES	126	19	12	12	18	29	2	13	3	10	244
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)	72	11	12	6	11	2	5	7	2	1	129
20. TETANUS (Neonatorum / Adult)	1	0	0	1	0	0	0	0	0	0	2
21. TUBERCULOSIS (all forms)	1043	148	147	82	266	188	98	85	161	83	2301
TUBERCULOSIS DEATH	0	0	2	0	2	15	0	5	0	0	24
22. TYPHOID & PARATYPHOID FEVER	3	1	2	0	0	2	2	0	2	1	13
23. TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0	0	0	0	0	0	0
24. VIRAL ENCEPHALITIS	0	0	0	0	1	0	0	0	0	0	1
25. VIRAL HEPATITIS											
a) Hepatitis A	7	0	0	2	0	0	0	0	0	0	9
b) Hepatitis B	239	29	13	12	30	4	11	4	14	1	357
c) Hepatitis C	82	9	3	4	13	12	11	2	15	4	155
d) Other Hepatitis	0	1	0	0	0	0	0	0	0	0	1
26. WHOOPING COUGH	2	0	5	1	0	9	3	0	0	1	21
27. YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	0
<b>OTHER LIFE THREATENING MICROBIAL INFECTION</b>											
1. CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	0	0	0	0	0	0	0	0	0	0	0
2. MENINGOCOCCAL MENINGITIS	0	0	0	0	0	0	0	0	0	0	0
<b>OTHER DISEASES UNDER SURVEILLANCE</b>											
1. ACUTE FLACCID PARALYSIS (AFP)	4	0	0	0	6	0	0	0	2	0	12
2. ACUTE GASTROENTERITIS (AGE)	4879	43	755	1750	4389	2306	2728	1707	2602	1140	22299
3. FEVER SURVEILLANCE											
a) Fever <38°C	7510	9313	61144	14138	23741	8986	30442	29777	29218	2990	217259
b) Fever ≥38°C	579	488	13952	3977	11136	5745	4570	1150	8480	1741	51818
4. FILARIASIS	0	6	1	1	1	0	0	0	7	0	16
5. INFLUENZA A	561	27	6(1)	7	0	8	0	11	5	0	625(1)
6. INFLUENZA-LIKE ILLNESS (ILI)	819	31	161	1057	124	212	0	1108	1374	11	4897
7. MELIOIDOSIS	6	0	0	0	1	0	0	3	1	0	11
8. SEVERE ACUTE RESPIRATORY INFECTION (sARI)	34	0	0	0	0	0	0	0	0	0	34

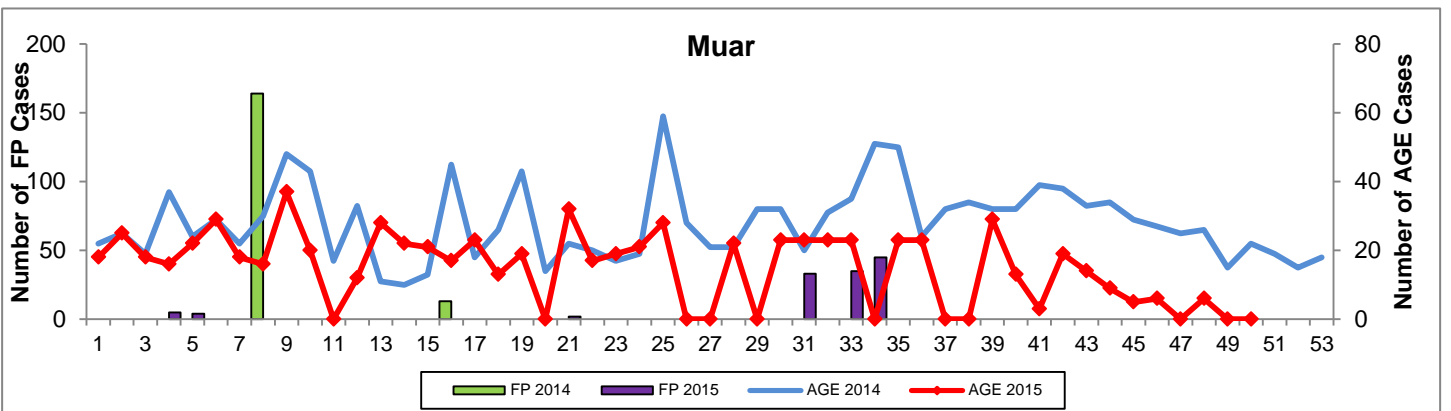
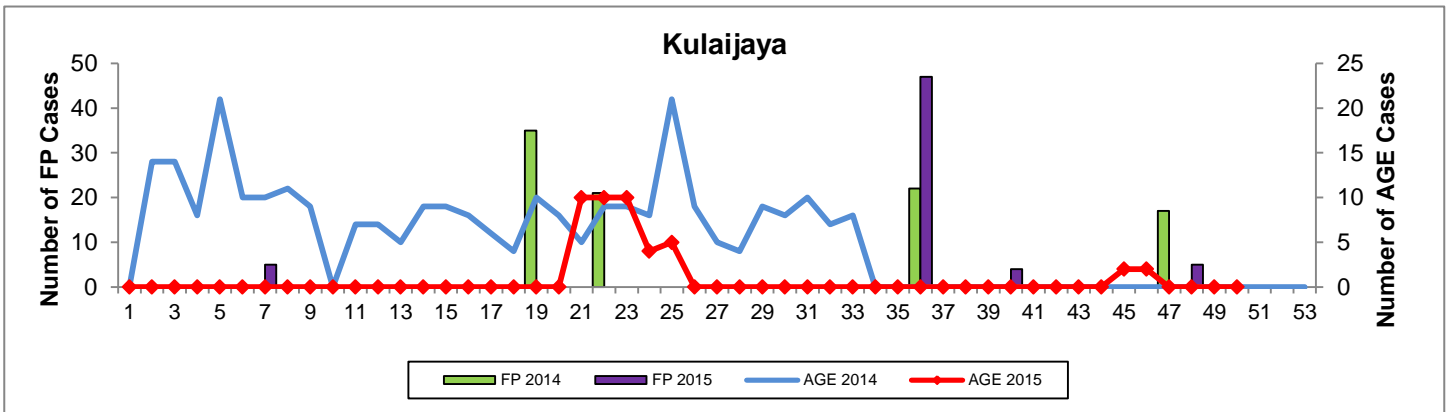
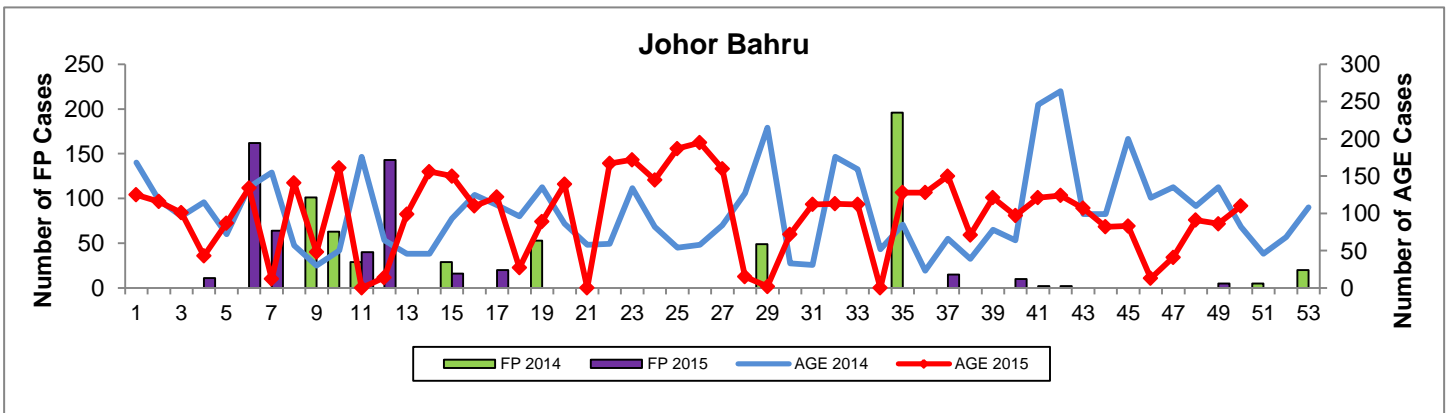
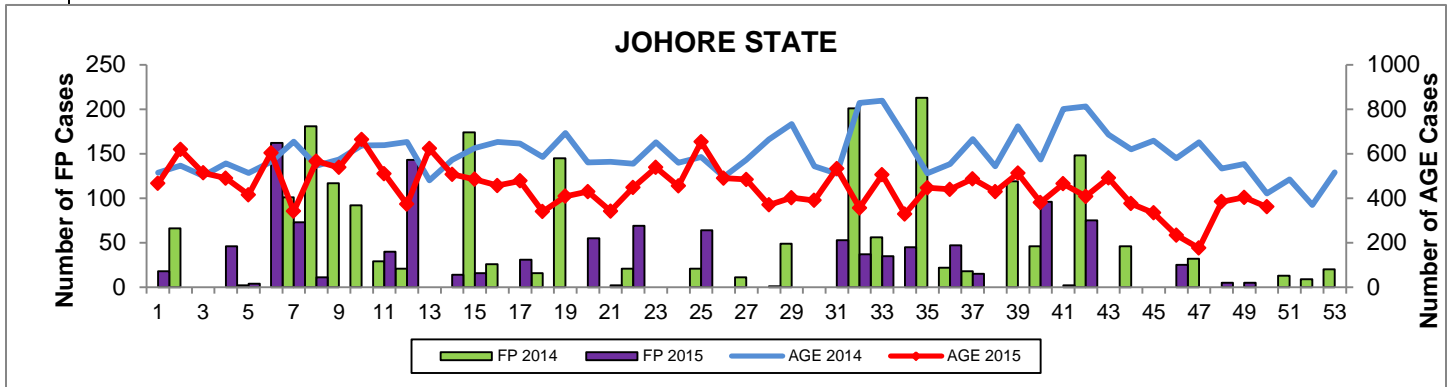
**NOTIFICATION OF CLUSTER / OUTBREAK BY DISTRICT, 2015, JOHORE STATE**

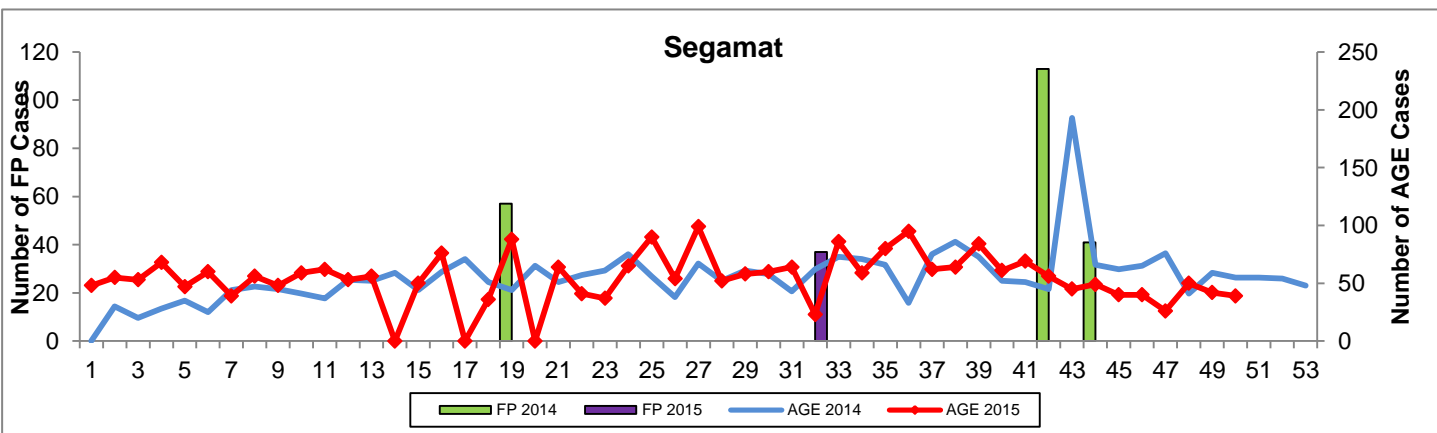
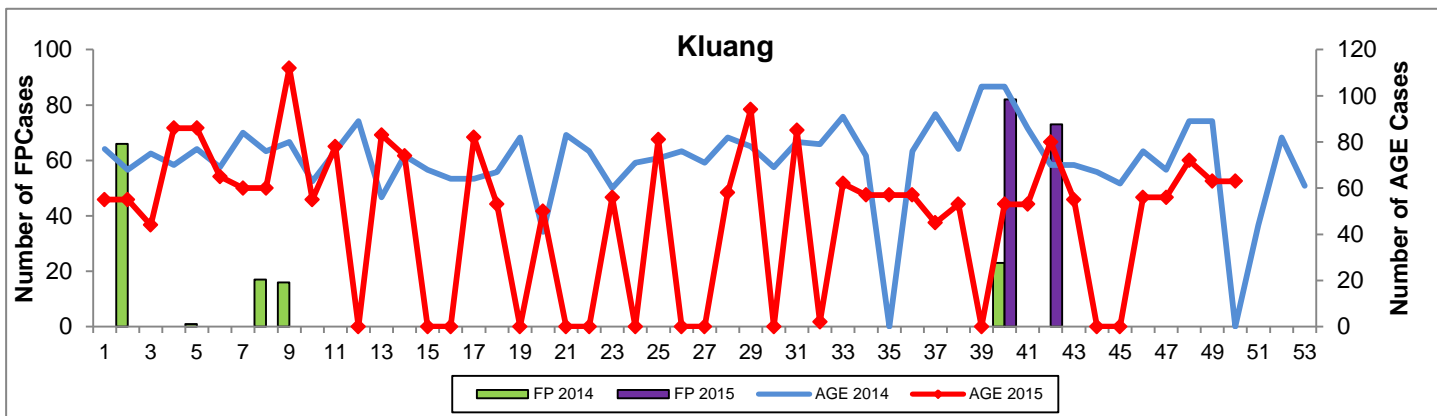
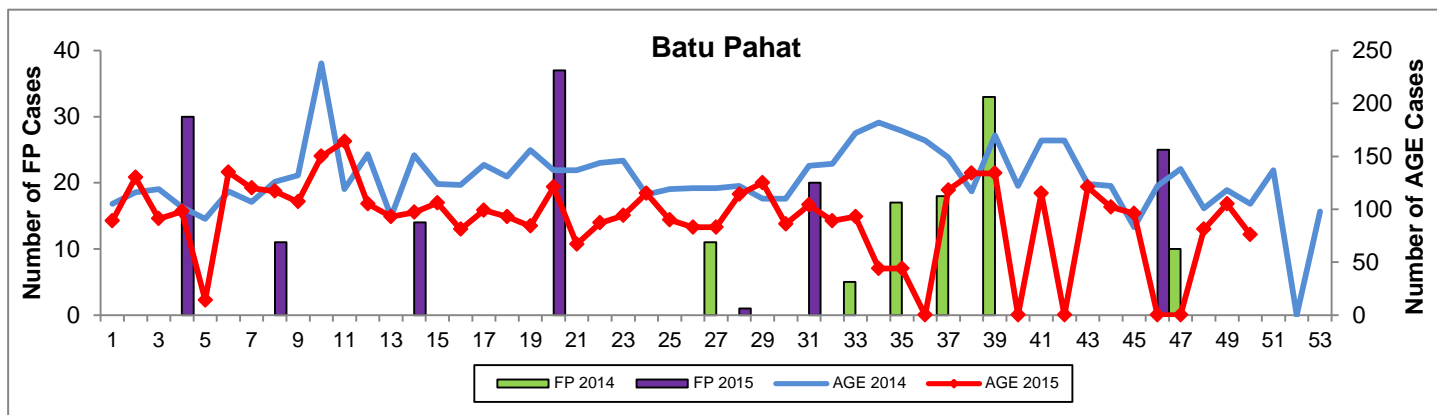
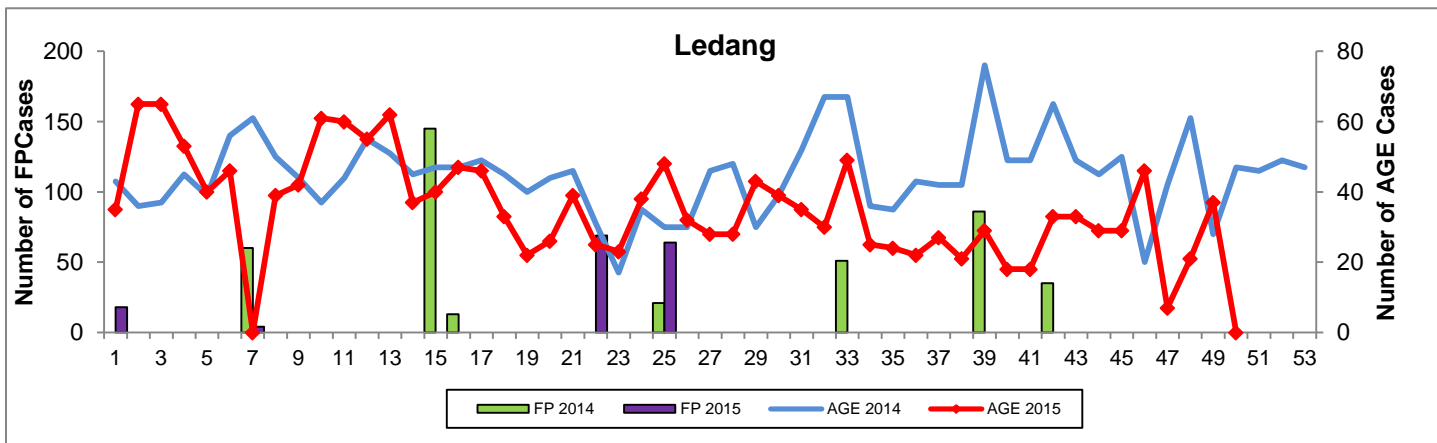
	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	STATE
<b>CURRENT WEEK, EW 50</b>											
1 ACUTE GASTROENTERITIS (AGE)	0	0	0	0	0	0	0	0	0	0	0
2 CHICKEN POX	0	0	0	0	0	0	0	0	0	0	0
3 CONJUNCTIVITIS	0	0	0	0	0	0	0	0	0	0	0
4 FOOD POISONING	0	0	0	0	0	0	0	0	0	0	0
5 HAND, FOOT & MOUTH DISEASE (HFMD)	0	0	0	0	0	0	0	0	0	0	0
6 HEPATITIS A	0	0	0	0	0	0	0	0	0	0	0
7 INFLUENZA/(ILI)	0	0	0	0	0	0	0	0	0	0	0
8 LEPTOSPIROSIS	0	0	0	0	0	0	0	0	0	0	0
9 MEASLES	0	0	0	0	0	1	0	0	0	0	1
10 PESTICIDE POISONING	0	0	0	0	0	0	0	0	0	0	0
11 RUBELLA	0	0	0	0	0	0	0	0	0	0	0
12 UPPER RESPIRATORY TRACT INFECTION (URTI)	0	0	0	0	0	0	1	0	0	0	1
13 VESICULAR RASHES	0	0	0	0	0	0	0	0	0	0	0
<b>CURRENT WEEK CUMULATIVE</b>											
1 ACUTE GASTROENTERITIS (AGE)	1	0	0	0	2	0	0	0	0	0	3
2 CHICKEN POX	3	0	0	0	0	0	0	0	0	0	3
3 CONJUNCTIVITIS	0	0	0	1	0	0	0	0	0	0	1
4 FOOD POISONING	20	4	4	3	8	2	1	0	2	1	45
5 HAND, FOOT & MOUTH DISEASE (HFMD)	21	1	2	1	1	0	0	0	0	1	27
6 HEPATITIS A	1	0	0	0	0	0	0	0	0	0	1
7 INFLUENZA/(ILI)	3	2	1	0	0	1	0	0	0	0	7
8 LEPTOSPIROSIS	0	0	0	0	0	0	0	0	0	0	0
9 MEASLES	2	0	0	0	0	0	0	0	0	0	2
10 PESTICIDE POISONING	0	0	0	0	0	0	0	0	0	0	0
11 RUBELLA	0	0	0	0	0	0	0	0	0	0	0
12 UPPER RESPIRATORY TRACT INFECTION (URTI)	0	0	0	0	0	0	0	0	0	0	0
13 VESICULAR RASHES	0	0	0	0	0	0	0	0	0	0	0

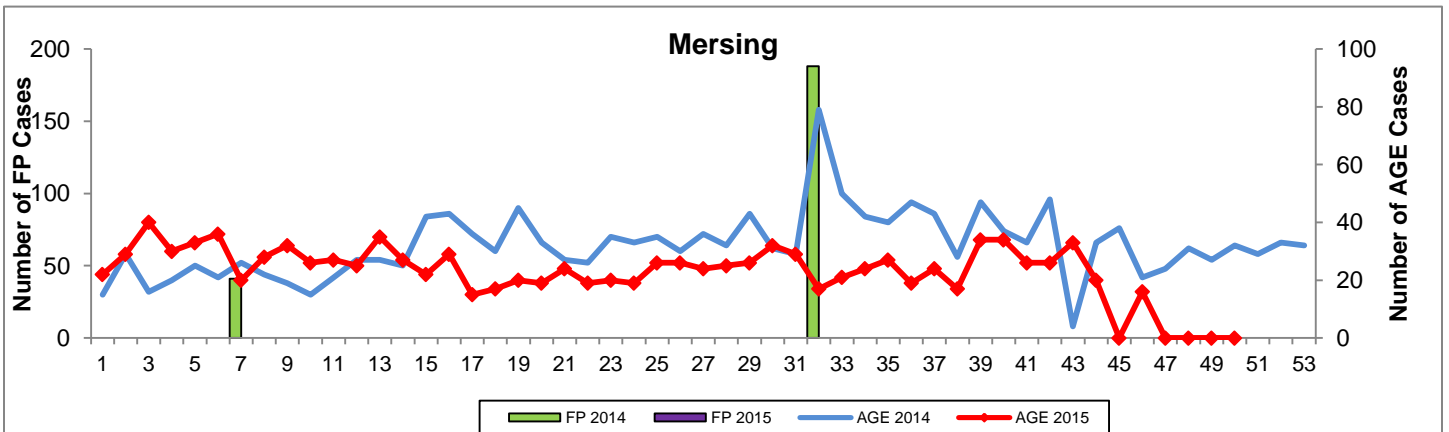
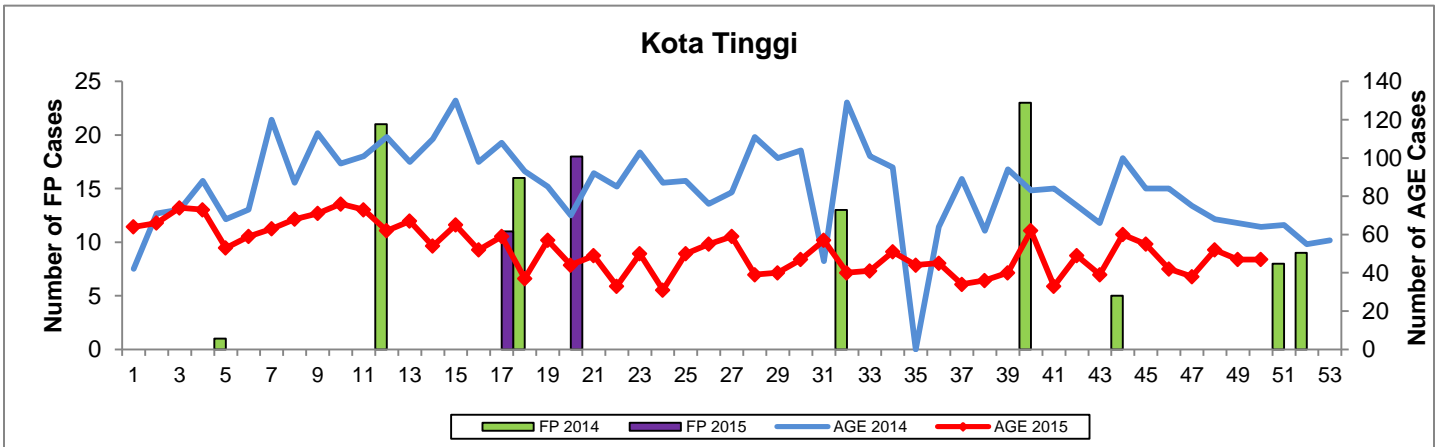
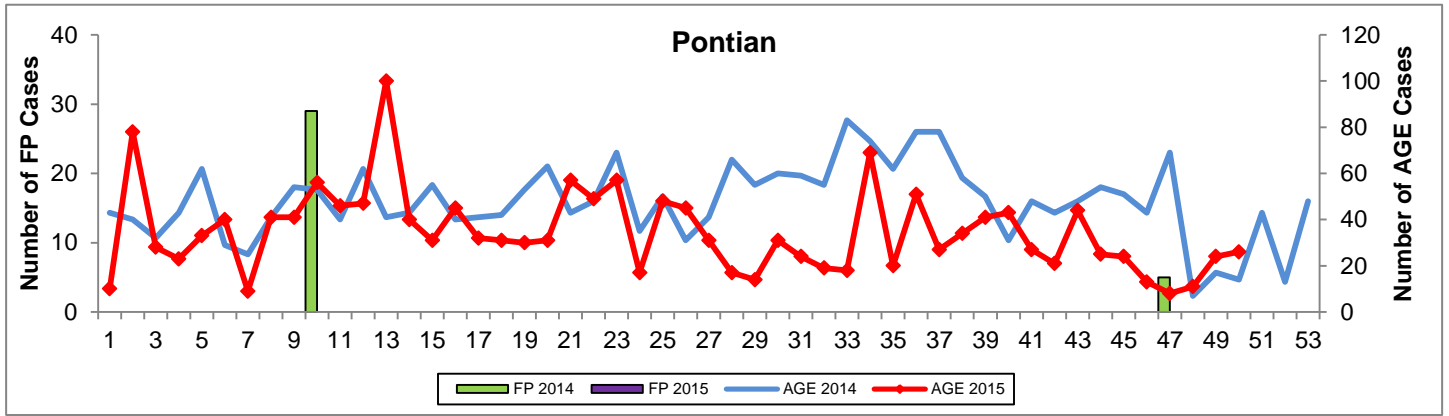
**NOTIFICATION OF COMMUNICABLE DISEASES FOR FOMEMA CASES BY DISTRICT, 2015, JOHORE STATE**

DISEASE	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	STATE
<b>CURRENT WEEK, EW 50</b>											
1. HEPATITIS B	4	0	0	0	1	3	1	0	0	1	10
2. HIV / AIDS	0	0	0	0	0	0	0	0	0	0	0
3. LEPROSY	0	0	0	0	0	0	0	0	0	0	0
4. MALARIA	0	0	0	0	0	0	0	0	0	0	0
5. SYPHILIS	0	0	0	0	1	1	0	1	0	0	3
6. TUBERCULOSIS (TB)- CXR	30	5	2	0	1	1	2	0	0	0	41
<b>CURRENT WEEK CUMULATIVE</b>											
1. HEPATITIS B	397	24	36	10	59	51	51	18	41	6	693
2. HIV / AIDS	48	9	8	1	2	7	4	4	2	0	85
3. LEPROSY	2	0	1	0	2	1	0	0	0	0	6
4. MALARIA	8	0	0	0	3	1	0	0	1	0	13
5. SYPHILIS	40	5	10	0	13	15	5	6	3	0	97
6. TUBERCULOSIS (TB)- CXR	1678	232	247	8	229	281	147	68	92	15	2997

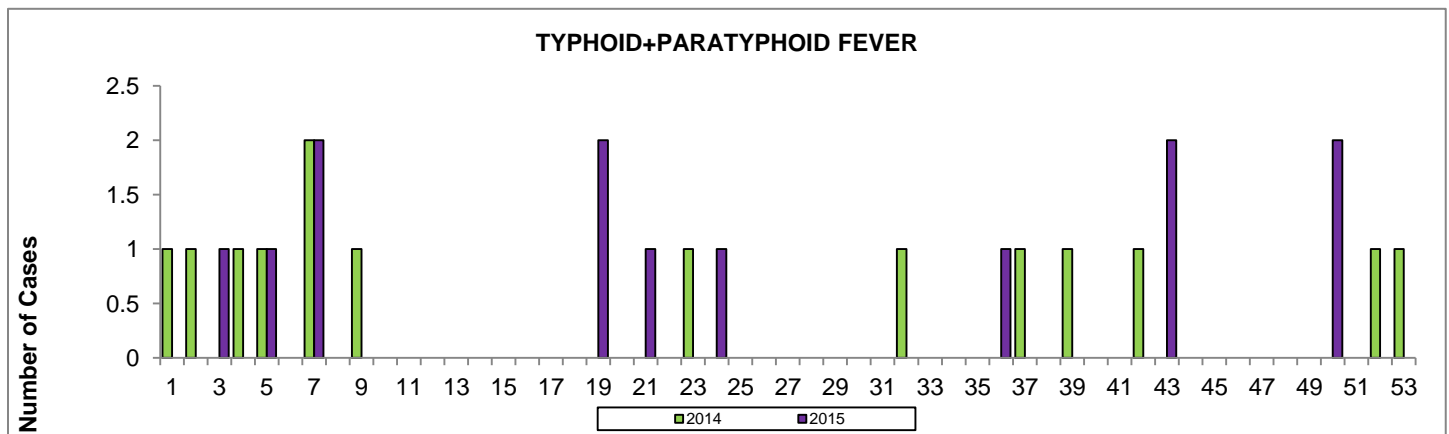
## WEEKLY INCIDENCE OF FOOD POISONING, 2014—2015





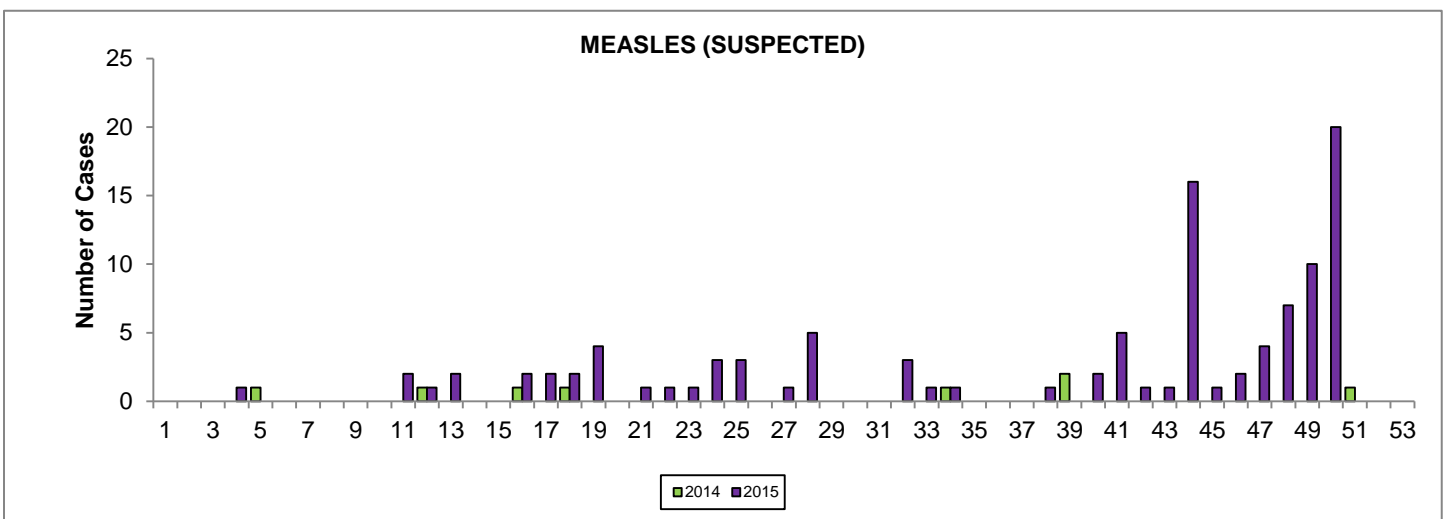
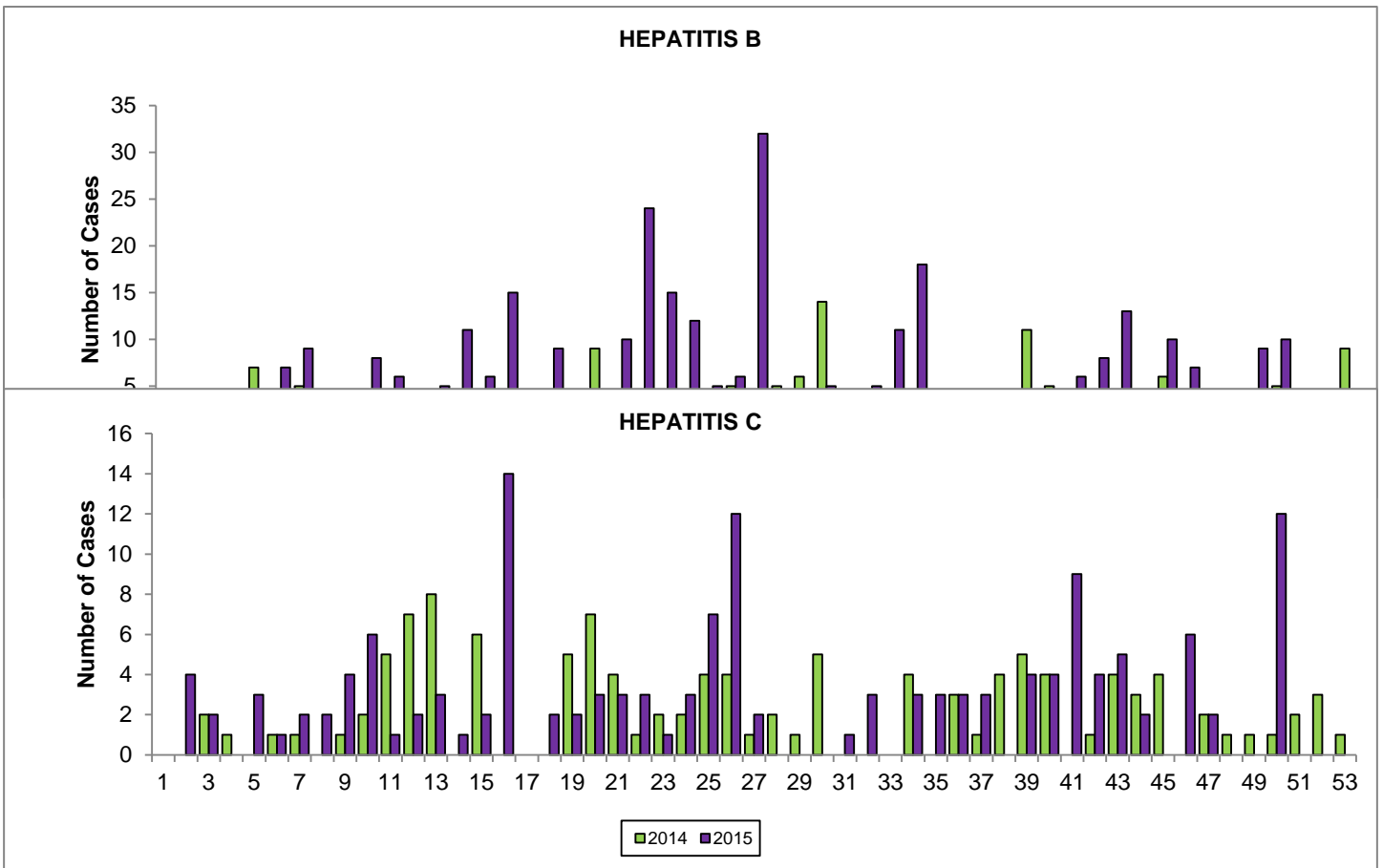


## WEEKLY INCIDENCE OF OTHER FOOD WATERBORNE DISEASES, 2013—2014

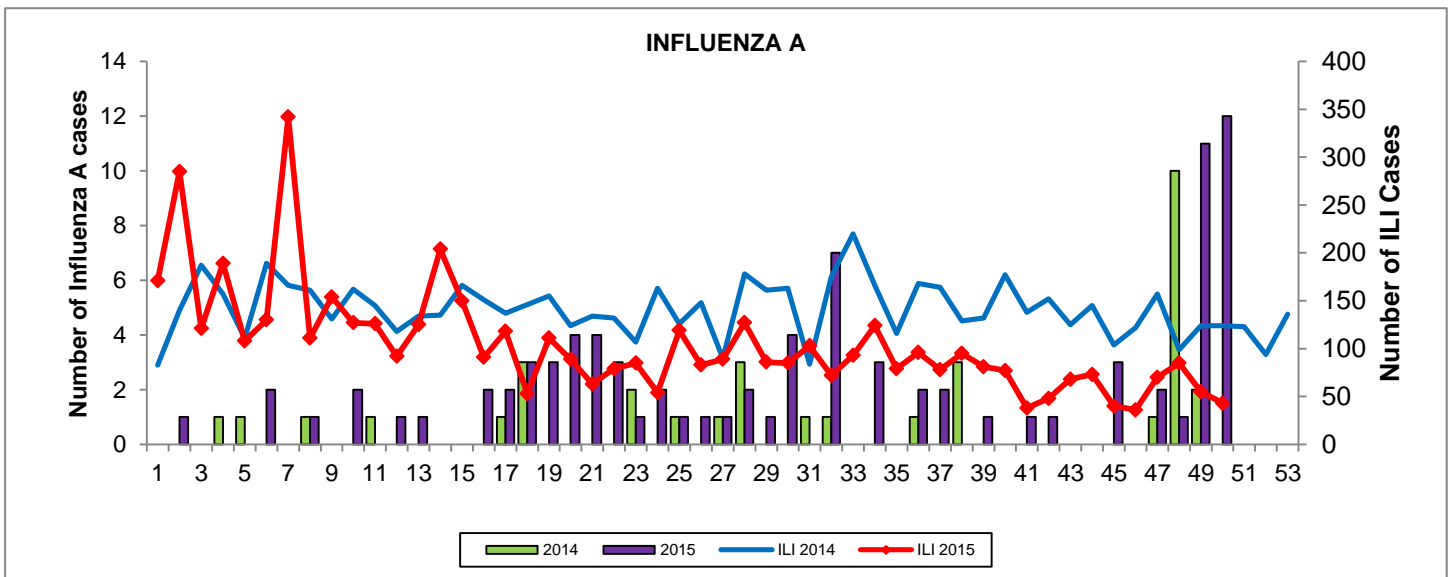
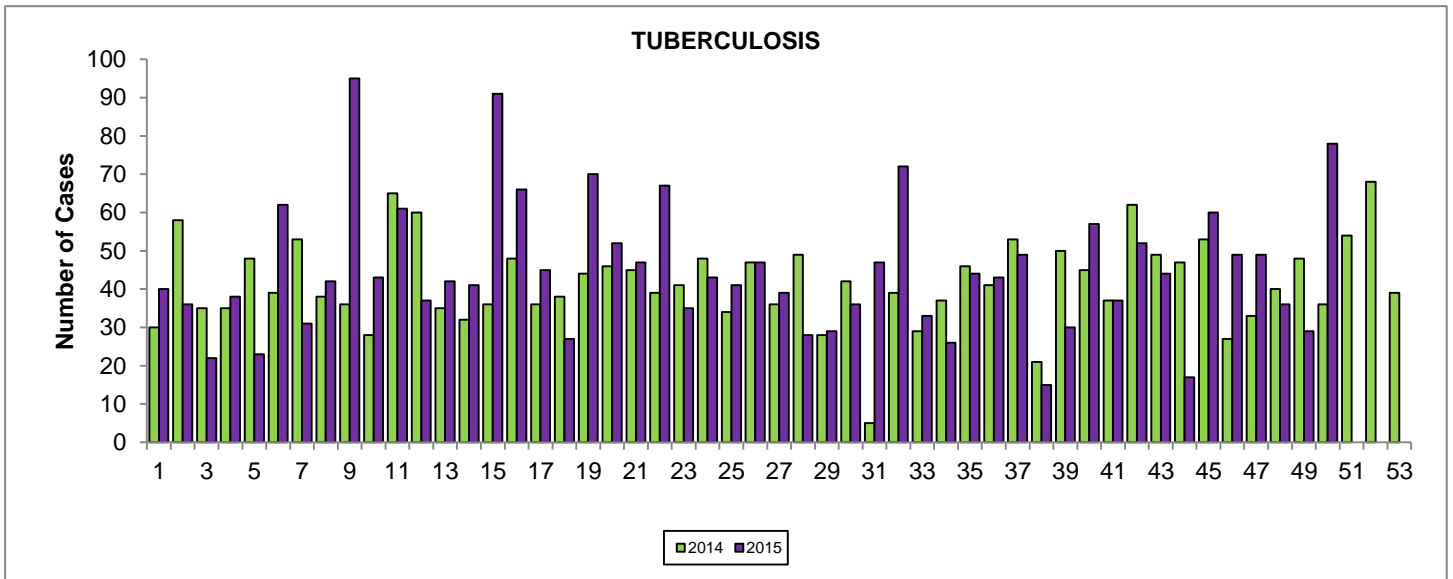
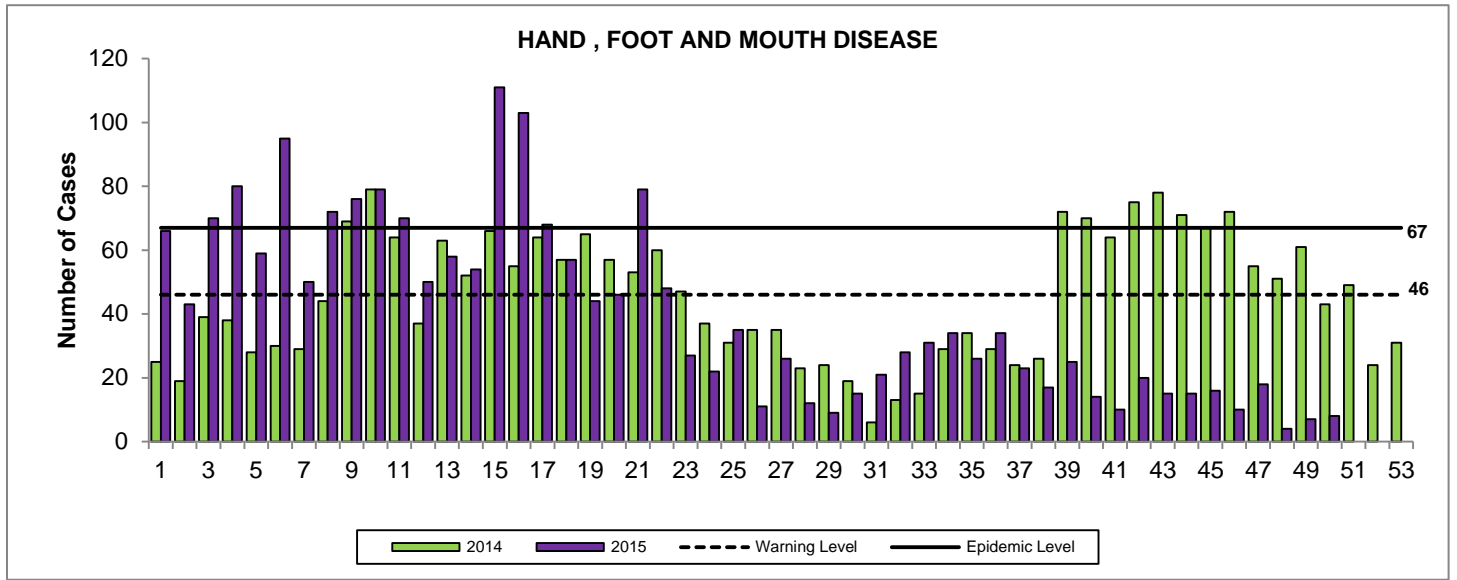




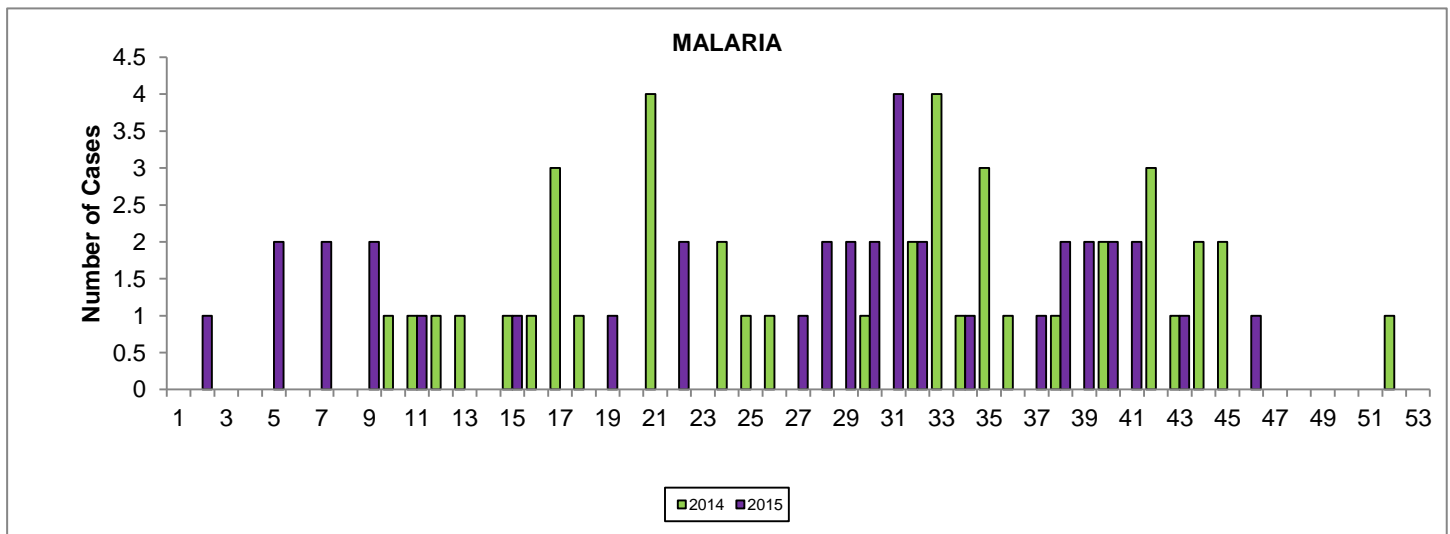
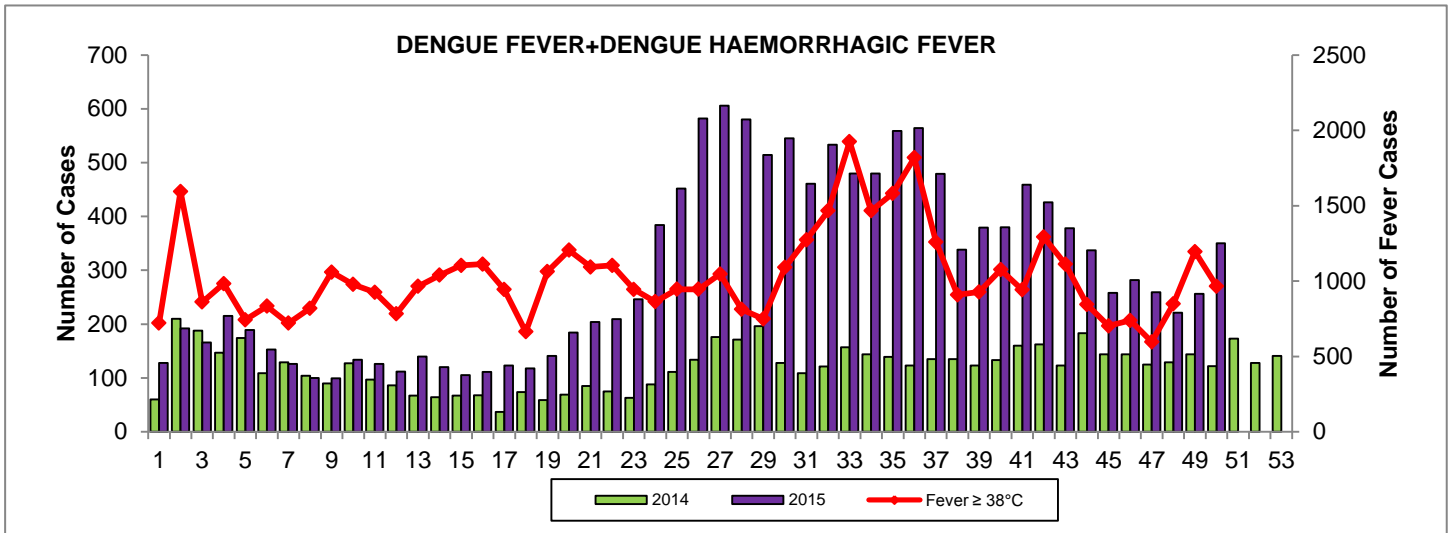
**WEEKLY INCIDENCE OF VACCINE PREVENTABLE DISEASES, 2014—2015**



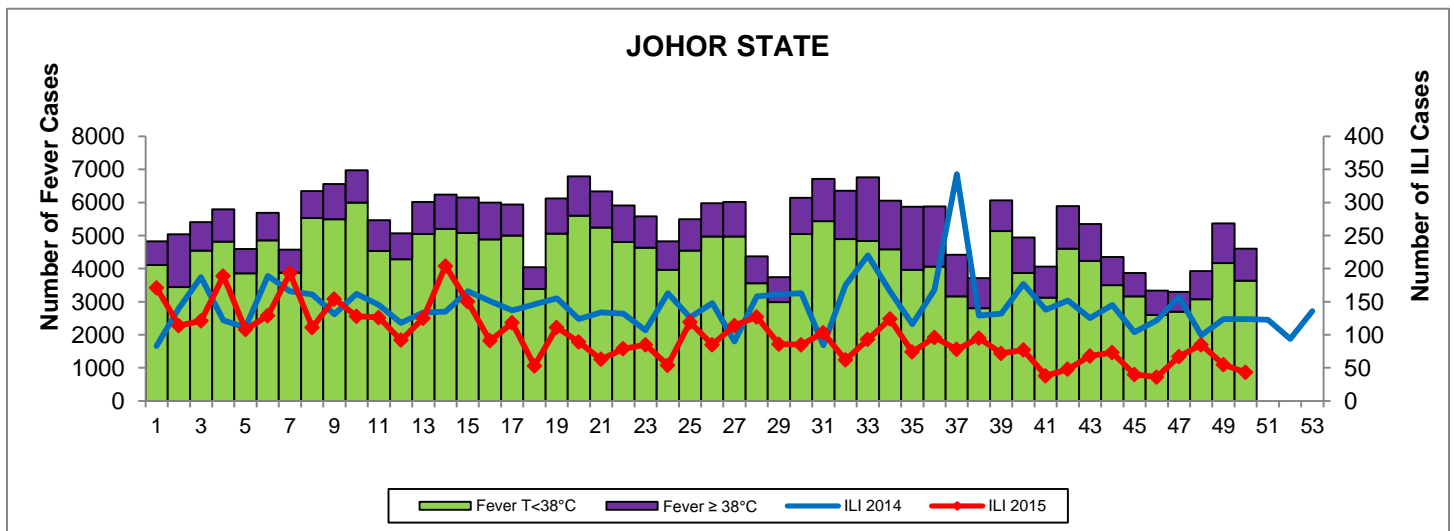
## WEEKLY INCIDENCE OF AIR/DROPLET BORNE DISEASES, 2014—2015

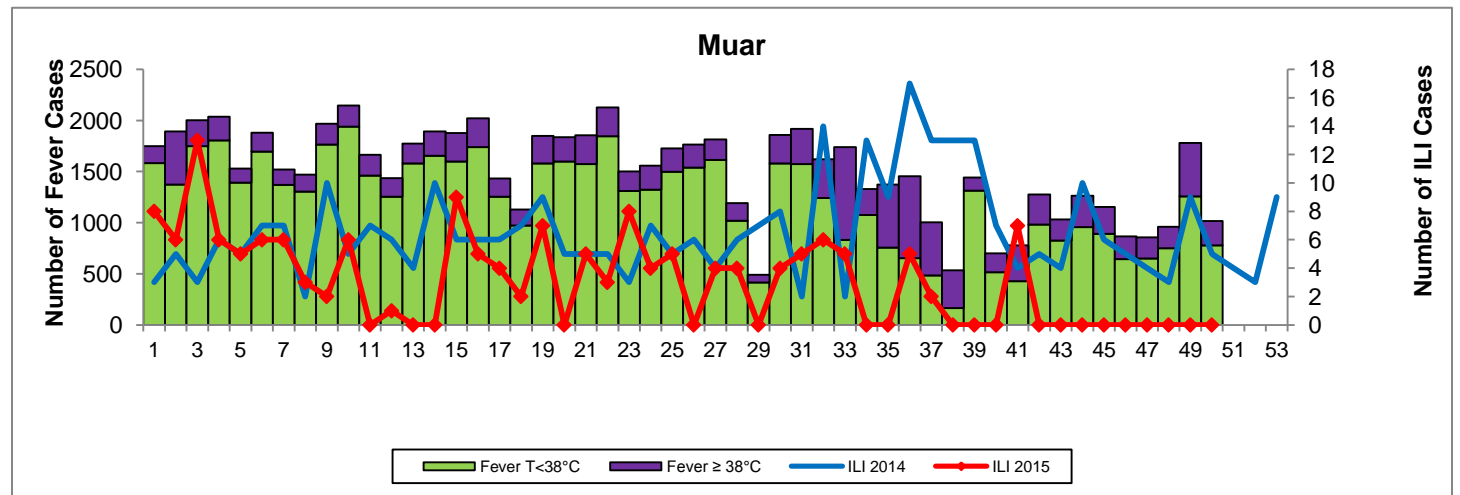
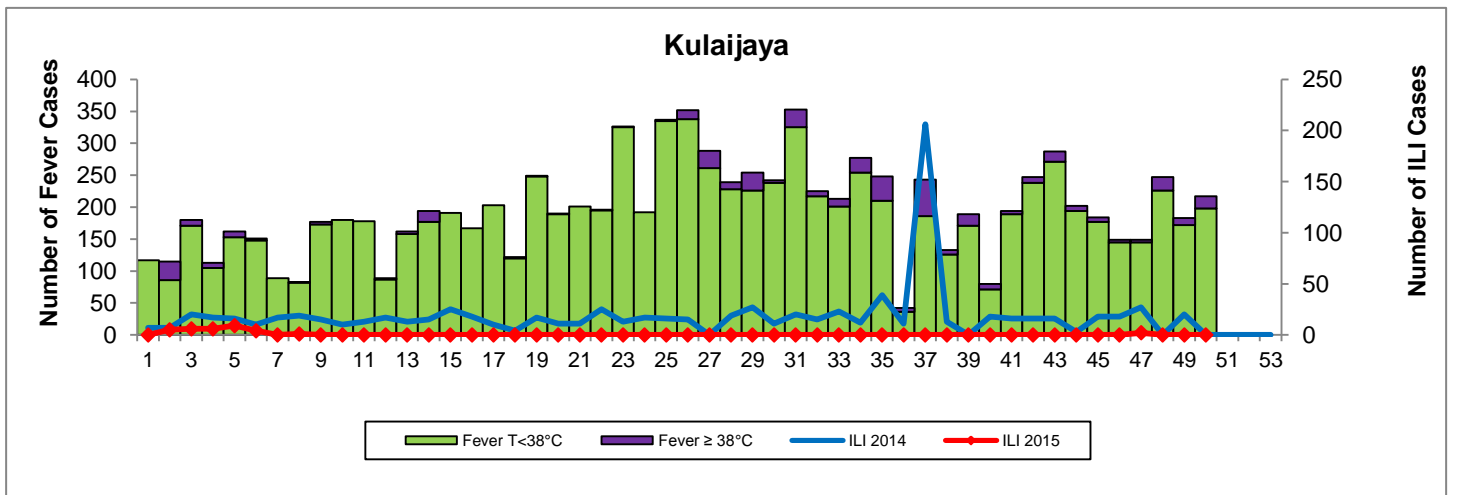
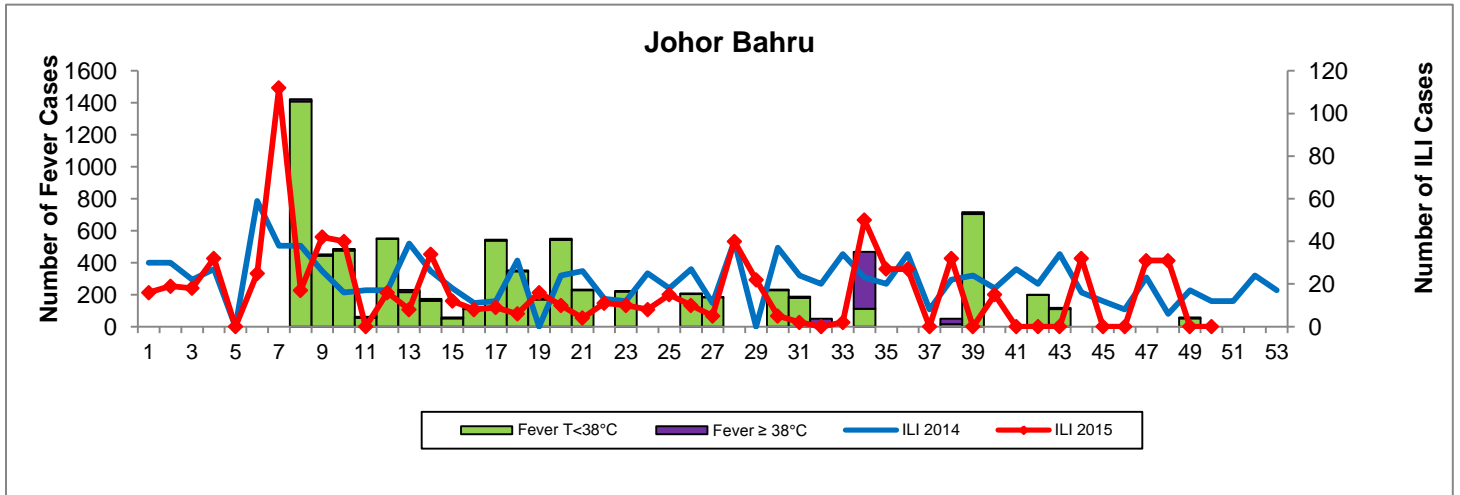


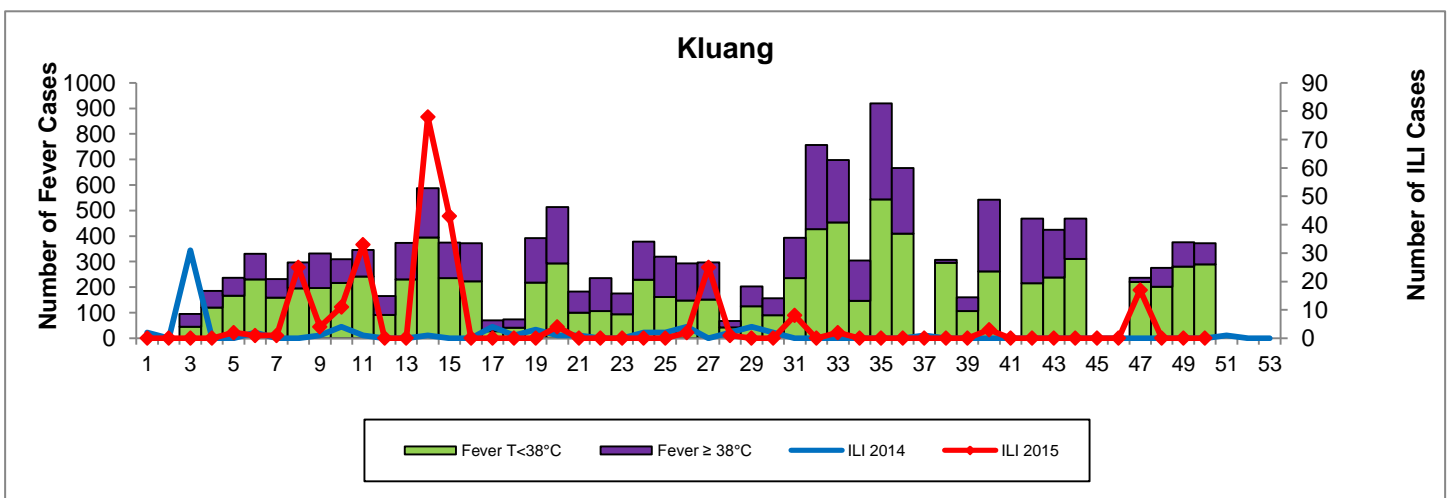
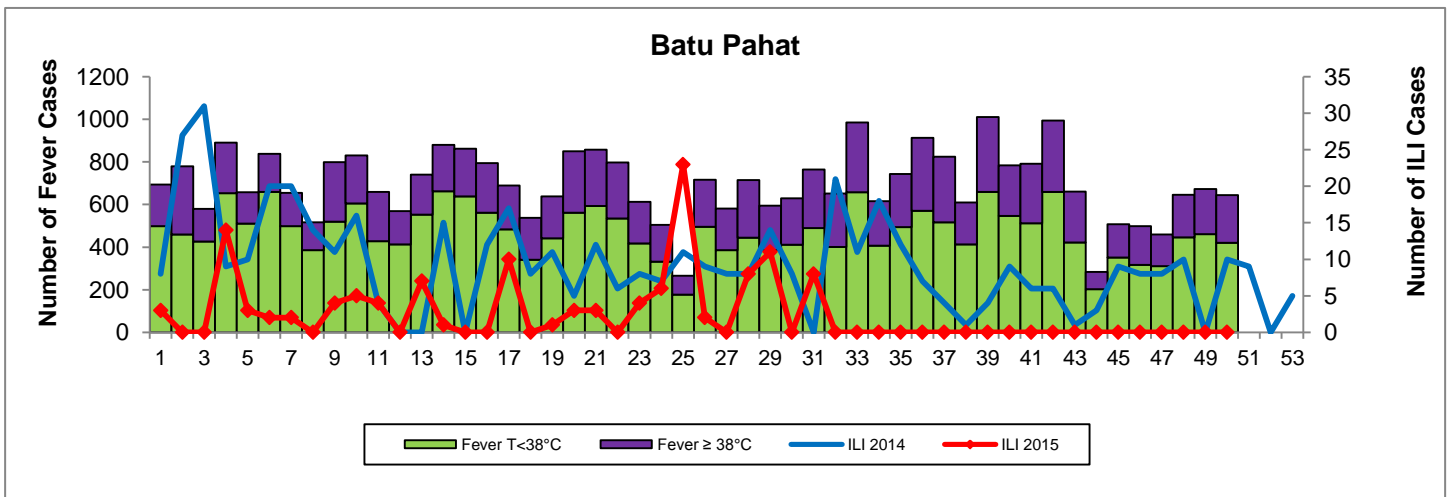
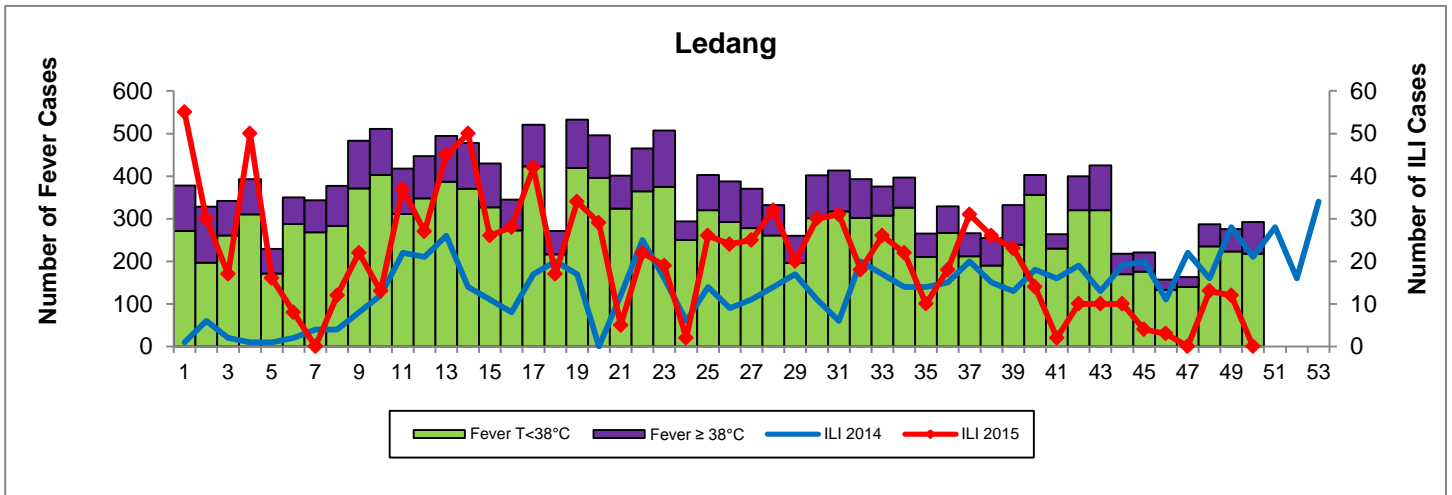
**WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2014—2015**

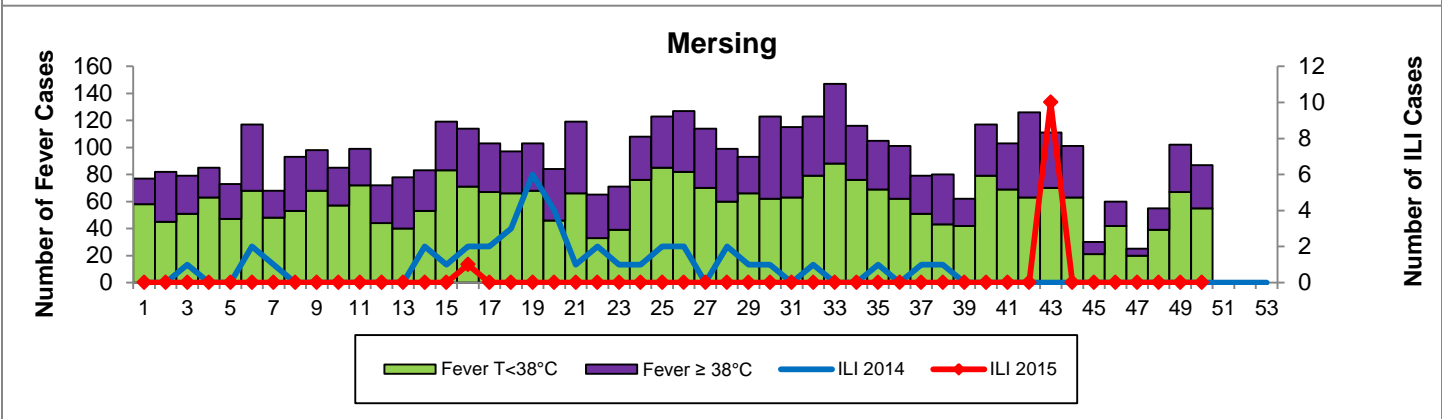
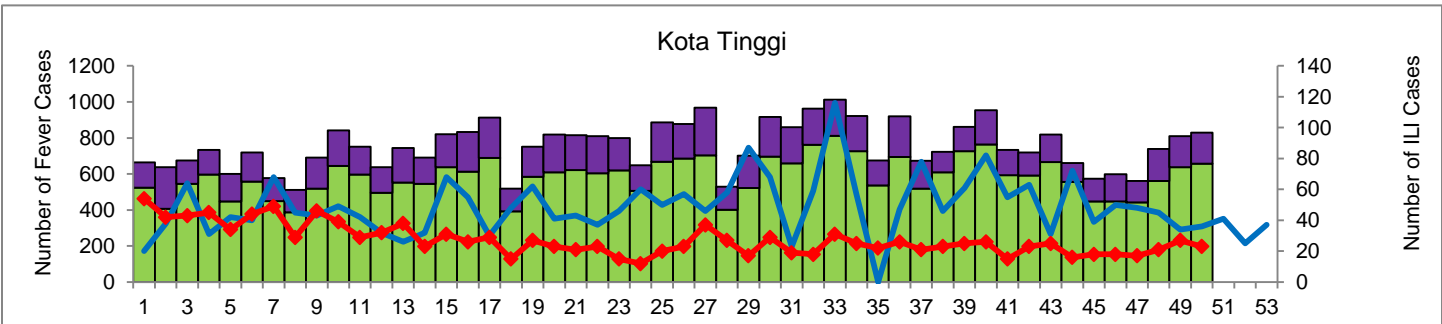
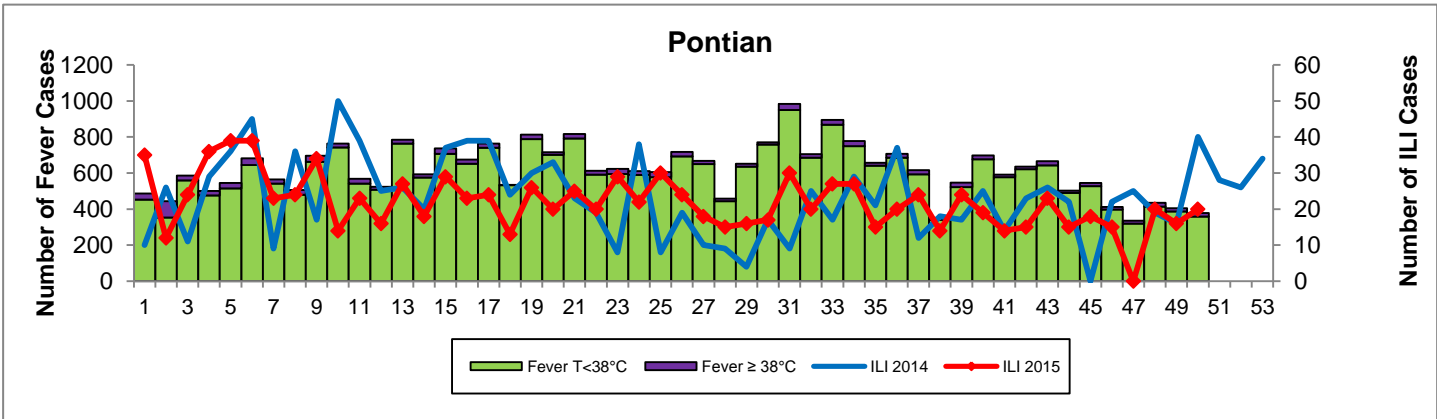
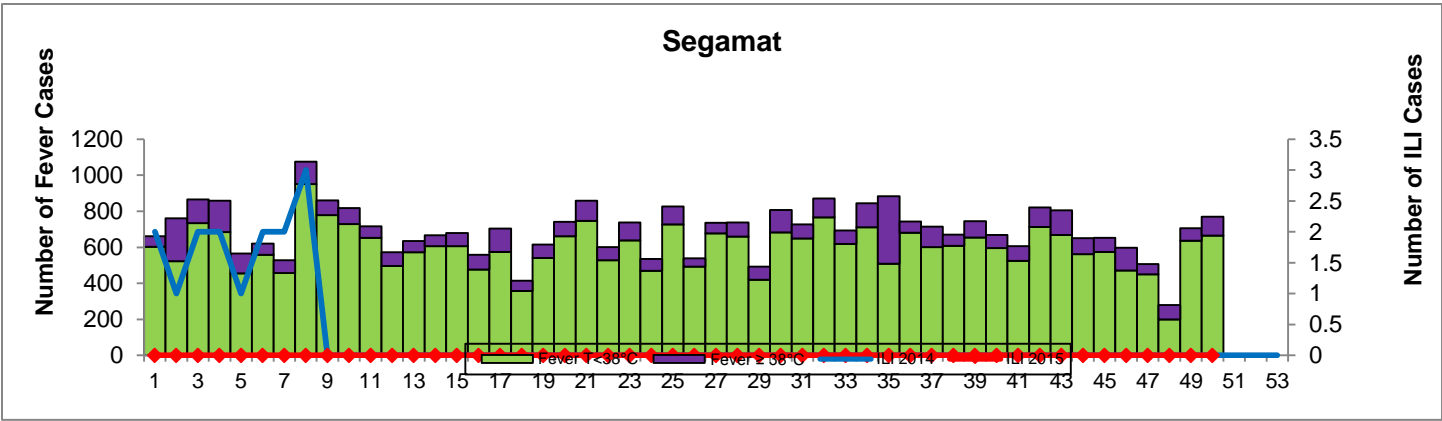


**WEEKLY INCIDENCE OF FEVER & ILI SURVEILLANCE, 2015**









## DENGUE VIRUS SEROTYPING SURVEILLANCE (DVSS) , 2014 – 2015

Sentinel location	No. of sample received				No. of sample fulfilling DVSS criteria				No. of NS 1 Ag positive			
	This epid week		Cumulative		This epid week		Cumulative		This epid week		Cumulative	
	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014	2015	2014
1 HSA, JB	4	18	439	895	4	18	430	892	2	0	2	0
2 HSI, JB	9	2	533	162	9	2	428	76	7	1	1	0
3 HPSF, Muar	3	8	27	130	3	7	27	116	1	1	1	0
4 Hospital Kluang	5	0	208	10	5	0	201	8	4	1	0	0
5 KK Mahmoodiah, JB	0	0	76	166	0	0	40	86	0	0	0	0
6 KK Sultan Ismail, JB	2	2	55	105	2	2	50	81	2	0	0	0
7 KK Pasir Gudang, JB	0	0	57	82	0	0	55	51	0	0	0	0
8 KK Mengkibol, Kluang	0	0	14	47	0	0	13	32	0	0	0	0
9 KK Batu Pahat	0	7	147	313	0	7	135	280	0	0	0	0

## BACTERIOLOGICAL SURVEILLANCE

### A. Enteric Pathogen Identified During Food Poisoning/AGE Event 2014 – 2015, Johor State

Analysis	No. of sample received				No. of positive sample			
	This epid week		Cumulative		This epid week		Cumulative	
	2015	2014	2015	2014	2015	2014	2015	2014
1 <i>Salmonella typhi</i>	0	15	618	639	0	0	0	0
2 <i>Salmonella spp. (other than S. typhi)</i>	0	15	504	639	0	0	0	5
3 <i>Vibrio cholerae</i>	0	15	519	639	0	0	0	0
4 <i>Vibrio spp. (other than V. cholerae)</i>	0	15	504	639	0	0	0	0
5 <i>Enteropathogenic E.coli (EPEC)</i>	0	15	504	639	0	0	8	0
6 <i>Enterohaemorrhagic E.coli (EHEC)</i>	0	15	504	639	0	0	5	0
7 <i>Shigella spp.</i>	0	15	504	639	0	0	0	2
8 <i>Bacillus cereus (positive enterotoxin)</i>	0	15	504	639	1	0	13	2
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	0	15	504	639	0	4	17	40
10 <i>Campylobacter</i>	0	15	504	639	0	0	0	0

### B. Pathogen Identified in the Community via Health Centre / Health Office 2014 – 2015, Johor State

Analysis	No. of sample received				No. of positive sample			
	This epid week		Cumulative		This epid week		Cumulative	
	2015	2014	2015	2014	2015	2014	2015	2014
1 <i>Neisseria meningitidis</i>	0	57	232	2687	0	0	0	5
2 <i>Haemophilus influenzae</i>	0	57	232	2687	0	0	0	34
3 <i>Klebsiella pneumoniae</i>	0	57	232	2687	0	3	5	138
4 <i>Pseudomonas aeruginosa</i>	0	57	232	2687	0	0	0	20
5 <i>Streptococcus pneumoniae</i>	0	57	232	2687	0	0	0	6
6 <i>Streptococcus species</i>	0	57	232	2687	0	0	0	10
7 <i>Staphylococcus aureus</i>	0	57	232	2687	0	0	0	18
8 <i>Enterobacter species</i>	0	57	232	2687	0	0	0	4
9 <i>Burkholderia pseudomallei</i>	0	57	232	2687	0	0	0	0
10 <i>Bordetella pertussis</i>	0	57	232	2687	0	0	0	0
11 <i>Acinetobacter baumannii</i>	0	57	232	2687	0	0	1	0
12 <i>Carbapenam Resistant Enterobacteriaceae (CRE)</i>	0	57	232	2687	0	0	0	0
13 <i>Methicillin Resistant Staphylococcus Aureus (MRSA)</i>	0	57	232	2687	0	0	0	0

## No. of Positive Sample For Current Week, By District, 2015, Johore State

Analysis	DISTRICT										
	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	STATE
<b>A. Enteric Pathogen Identified During Food Poisoning/AGE Event</b>											
1 <i>Salmonella typhi</i>	0	0	0	0	0	0	0	0	0	0	0
2 <i>Salmonella spp. (other than S. typhi)</i>	0	0	0	0	0	0	0	0	0	0	0
3 <i>Vibrio cholerae</i>	0	0	0	0	0	0	0	0	0	0	0
4 <i>Vibrio spp. (other than V. cholerae)</i>	0	0	0	0	0	0	0	0	0	0	0
5 <i>Enteropathogenic E.coli (EPEC)</i>	0	0	0	0	0	0	0	0	0	0	0
6 <i>Enterohaemorrhagic E.coli (EHEC)</i>	0	0	0	0	0	0	0	0	0	0	0
7 <i>Shigella spp.</i>	0	0	0	0	0	0	0	0	0	0	0
8 <i>Bacillus cereus (positive enterotoxin)</i>	0	0	0	0	0	0	0	0	1	0	1
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	0	0	0	0	0	0	0	0	0	0	0
10 <i>Campylobacter</i>	0	0	0	0	0	0	0	0	0	0	0
<b>B. Pathogen Identified in the Community via Health Centre / Health Office</b>											
1 <i>Neisseria meningitidis</i>	0	0	0	0	0	0	0	0	0	0	0
2 <i>Haemophilus influenzae</i>	0	0	0	0	0	0	0	0	0	0	0
3 <i>Klebsiella pneumoniae</i>	0	0	0	0	0	0	0	0	0	0	0
4 <i>Pseudomonas aeruginosa</i>	0	0	0	0	0	0	0	0	0	0	0
5 <i>Streptococcus pneumoniae</i>	0	0	0	0	0	0	0	0	0	0	0
6 <i>Streptococcus species</i>	0	0	0	0	0	0	0	0	0	0	0
7 <i>Staphylococcus aureus</i>	0	0	0	0	0	0	0	0	0	0	0
8 <i>Enterobacter species</i>	0	0	0	0	0	0	0	0	0	0	0
9 <i>Burkholderia pseudomallei</i>	0	0	0	0	0	0	0	0	0	0	0
10 <i>Bordetella pertussis</i>	0	0	0	0	0	0	0	0	0	0	0
11 <i>Acinetobacter baumannii</i>	0	0	0	0	0	0	0	0	0	0	0
12 <i>CRE</i>	0	0	0	0	0	0	0	0	0	0	0
13 <i>MRSA</i>	0	0	0	0	0	0	0	0	0	0	0



## No. of Positive Sample For Current Week Cumulative, By District, 2015, Johore State

Analysis	DISTRICT										
	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	STATE
<b>A. Enteric Pathogen Identified During Food Poisoning/AGE Event</b>											
1 <i>Salmonella typhi</i>	0	0	2	0	0	5	13	0	0	0	20
2 <i>Salmonella spp. (other than S. typhi)</i>	0	0	0	0	0	0	0	0	0	0	0
3 <i>Vibrio cholerae</i>	0	0	2	5	0	0	0	0	0	0	7
4 <i>Vibrio spp. (other than V. cholerae)</i>	0	0	0	0	0	0	0	0	0	0	0
5 <i>Enteropathogenic E.coli (EPEC)</i>	1	0	0	3	3	0	0	0	1	0	8
6 <i>Enterohaemorrhagic E.coli (EHEC)</i>	1	0	3	0	0	0	0	0	1	0	5
7 <i>Shigella spp.</i>	0	0	0	0	0	0	0	0	0	0	0
8 <i>Bacillus cereus (positive enterotoxin)</i>	12	0	0	0	0	0	0	0	1	0	13
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	2	3	5	0	3	1	0	0	2	1	17
10 <i>Campylobacter</i>	0	0	0	0	0	0	0	0	0	0	0
<b>B. Pathogen Identified in the Community via Health Centre / Health Office</b>											
1 <i>Neisseria meningitidis</i>	0	0	0	0	0	0	0	0	0	0	0
2 <i>Haemophilus influenzae</i>	0	0	0	0	0	0	0	0	0	0	0
3 <i>Klebsiella pneumoniae</i>	0	0	0	0	0	0	0	0	0	0	0
4 <i>Pseudomonas aeruginosa</i>	0	0	0	0	0	0	0	0	0	0	0
5 <i>Streptococcus pneumoniae</i>	0	0	0	0	0	0	0	0	0	0	0
6 <i>Streptococcus species</i>	0	0	0	0	0	0	0	0	0	0	0
7 <i>Staphylococcus aureus</i>	0	0	0	0	0	0	0	0	0	0	0
8 <i>Enterobacter species</i>	0	0	0	0	0	0	0	0	0	0	0
9 <i>Burkholderia pseudomallei</i>	0	0	0	0	0	0	0	0	0	0	0
10 <i>Bordetella pertussis</i>	0	0	0	0	0	0	0	0	0	0	0
11 <i>Acinetobacter baumannii</i>	0	0	0	0	0	0	0	0	0	0	0
12 <i>CRE</i>	0	0	0	0	0	0	0	0	0	0	0
13 <i>MRSA</i>	0	0	0	0	0	0	0	0	0	0	0

## WEEKLY OUTBREAK SUMMARY 2015 : EPID WEEK 50

No.	Epid Week	Outbreak/Cluster/Unusual event	District	Locality	Date onset	Number of cases	Causes
1	50	Measles	Kluang	Penjara Kg Gajah, Kluang	01/12/2015	19	Infection transmitted via closed contact in the same cell and then spread when the infected cellmate was being transferred to the other block.

## PHTHLATES IN FOOD

(BY KASUMAWATY SUDIN, FOOD SECTION,  
PUBLIC HEALTH LABORATORY OF JOHOR  
BAHRU (PHLJB)

Phthalates or phthalates esters are esters of phthalic acid. They are mainly used as plasticizers and added to plastics to increase their flexibility, transparency, durability and longevity. are mainly used as plasticizers. The most widely used phthalates are di(2-ethylhexyl) (DEHP), diisodecyl phthalate (DIDP) and diisononyl phthalate (DINP).

Food may contain low levels of these plasticisers due to their migration from food contact materials during processing or packing as well as from environmental contamination. However, they should not be added intentionally to food in any quantity.

Phthalates can interfere with the action of hormones which called endocrine disruptors. It will effect the development of a fetus's brain and other organs. Studies showed there is an association between higher phthalate levels and behavioural differences in same group of kids. They were less attentive and more likely to be hyperactive. They also had lower IQs and found link with asthma.

In 2011, Food and Drug Administration (FDA) in Taiwan found out a plasticizers di(2-ethylhexyl) phthalate (DEHP) has been added in beverages products. Subsequently, more foods were found to contain DEHP as well as other plasticisers, including di-isononyl phthalate (DINP) and di-butyl phthalate (DBP). The presence of these

plasticizers was a results from the illegal use of clouding agents containing plasticizers. These clouding agents was used two manufacturers as a substitute for palm oil in clouding agents in an attempt to reduce cost, improve profits and increase stability .

Ministry of Health has found some of the products were contaminated with DEHP and the importers were instructed to halt importation and ceased distribution of the products in Malaysia.

In 2013 & 2014, Public Health Laboratory of Johor Bahru has analyzed 30 beverages samples for DEHP&DINP. Based on the results, all the samples were not detected.

### References:

- 1) <http://www.afsca.be>
- 2) <http://www.cfs.gov.hk/>
- 3) <http://fsq.moh.gov.my/>





