



EPID WEEK 10

(02.03.2014-08.03.2104)

**NOTIFIABLE DISEASES FOR CURRENT WEEK, 2013 AND 2014, JOHORE STATE**

DISEASE	THIS EPID WEEK		MEDIAN 2009-2013	CUMULATIVE	
	2014	2013		2014	2013
1. HIV INFECTION (all forms)	7	9	8	67	94
HIV DEATH	2	1	NA	3	7
2. CHANCROID	0	0	0	0	0
3. CHOLERA	0	0	0	0	0
4. DENGUE FEVER	124(1)	32	37	1272(5)	400
DENGUE HAEMORRHAGIC FEVER	3(2)	2	2	9(5)	18
5. DIPHTHERIA	0	0	0	0	0
6. DYSENTERY (all types)	0	0	0	1	0
7. EBOLA	0	0	0	0	0
8. FOOD POISONING (episode)	3	0	0	14	9
FOOD POISONING (case)	97	0	0	629	282
9. GONOCOCCAL INFECTION (all forms)	1	3	4	15	26
10. LEPROSY	0	0	0	0	2
11. LEPTOSPIROSIS	5	1	0	30	14
12. MALARIA	1	2	1	1	11
13. MEASLES	0	1	0	2	3
14. MELIOIDOSIS	0	1	NA	0	2
15. HAND, FOOT AND MOUTH DISEASE	79	60	17	401	210
16. INFLUENZA A (H1N1)	0	1	0	3	9
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)	1	5	1	26	18
22. TETANUS (Neonatorum / Adult)	0	0	0	1	0
23. TUBERCULOSIS (all forms)	28	48	39	400	352
TUBERCULOSIS DEATH	0	2	NA	0	9
24. TYPHOID & PARATYPHOID FEVER	0	0	0	7	3
25. TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0
26. VIRAL ENCEPHALITIS	0	0	0	0	0
27. VIRAL HEPATITIS					0
a) Hepatitis A	0	0	0	1	1
b) Hepatitis B	4	5	2	28	42
c) Hepatitis C	2	2	2	10	60
d) Other Hepatitis	0	0	0	0	0
28. WHOOPING COUGH	0	0	0	1	0
29. YELLOW FEVER	0	0	0	0	0
30. SURVEILLANCE					0
a) Influenza-Like Illness (ILI)	162	207	154	1422	1616
b) Acute Gastroenteritis (AGE)	637	803	834	5672	6956
c) Fever	6653	6801	7149	61304	61938
31. CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	0	0	NA	0	0
32. FILARIASIS	0	NA	NA	2	NA

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## CUMULATIVE NOTIFIABLE DISEASES BY YEAR, 2009-2014, JOHORE STATE

DISEASE		2009	2010	2011	2012	2013	2014
1.	HIV INFECTION (all forms)	75	83	47	94	94	67
	HIV DEATH	NA	NA	NA	13	7	3
2.	CHANCROID	0	0	0	0	0	0
3.	CHOLERA	0	0	0	0	0	0
4.	DENGUE FEVER	552	536	383	313	400	1272(5)
	DENGUE HAEMORRHAGIC FEVER	40	51	83	18	18	9(5)
5.	DIPHTHERIA	0	0	0	0	0	0
6.	DYSENTERY (all types)	0	3	0	1	0	1
7.	EBOLA	0	0	0	0	0	0
8.	FOOD POISONING (episode)	6	8	16	8	9	14
	FOOD POISONING (case)	310	238	734	203	282	629
9.	GONOCOCCAL INFECTION (all forms)	22	35	35	43	26	15
10.	LEPROSY	2	0	3	0	2	0
11.	LEPTOSPIROSIS	NA	0	10	13	14	30
12.	MALARIA	27	12	10	11	11	1
13.	MEASLES	2	1	1	15	3	2
14.	MELIOIDOSIS	NA	NA	NA	0	2	0
15.	HAND, FOOT AND MOUTH DISEASE	117	108	57	322	210	401
16.	INFLUENZA A (H1N1)	0	16	97	4	9	3
17.	PLAGUE	0	0	0	0	0	0
18.	ACUTE POLIOMYELITIS	0	0	0	0	0	0
19.	RABIES	0	0	0	0	0	0
20.	RELAPSING FEVER	0	0	0	0	0	0
21.	SYPHILIS (all forms)	5	23	9	28	18	26
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	1
23.	TUBERCULOSIS (all forms)	292	321	338	381	352	400
	TUBERCULOSIS DEATH	NA	NA	NA	18	9	0
24.	TYPHOID & PARATYPHOID FEVER	1	1	1	1	3	7
25.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	1	0	0
26.	VIRAL ENCEPHALITIS	0	0	0	0	0	0
27.	VIRAL HEPATITIS					0	
	a) Hepatitis A	0	1	1	0	1	1
	b) Hepatitis B	6	1	14	34	42	28
	c) Hepatitis C	20	12	20	9	60	10
	d) Other Hepatitis	0	0	0	0	0	0
28.	WHOOPING COUGH	0	0	1	3	0	1
29.	YELLOW FEVER	0	0	0	0	0	0
30.	SURVEILLANCE					0	
	a) Influenza-Like Illness (ILI)	NA	2294	1204	1377	1616	1422
	b) Acute Gastroenteritis (AGE)	NA	12678	9250	7470	6956	5672
	c) Fever	NA	0	86086	75454	61938	61304
31.	CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	NA	0	0	17	0	0
32.	FILARIASIS	NA	NA	NA	NA	NA	2

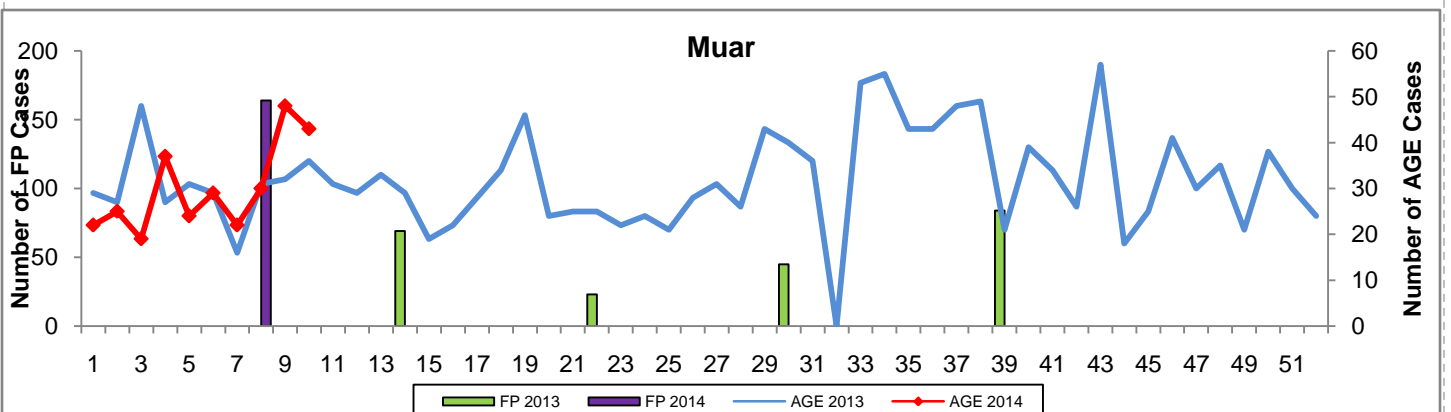
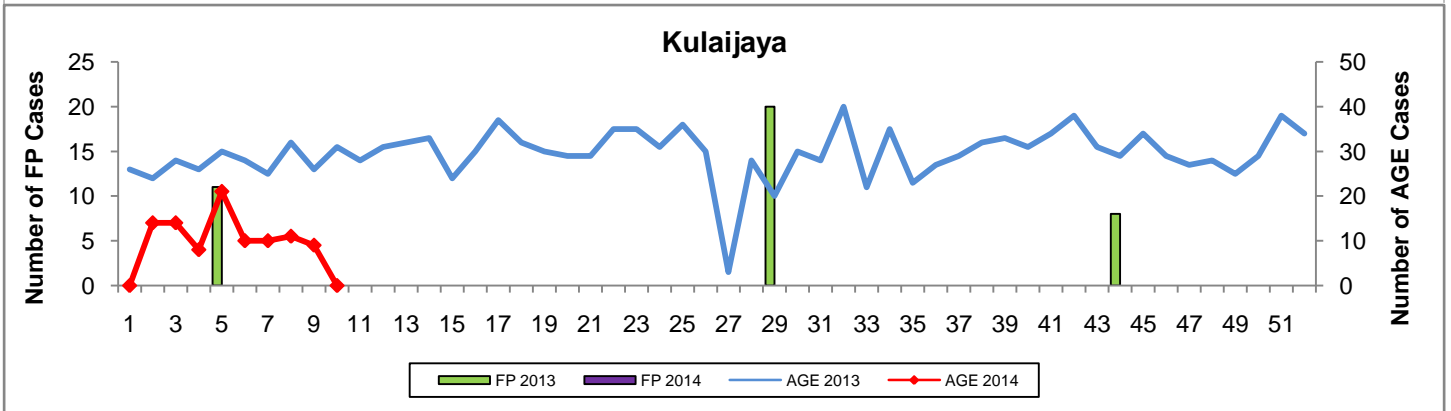
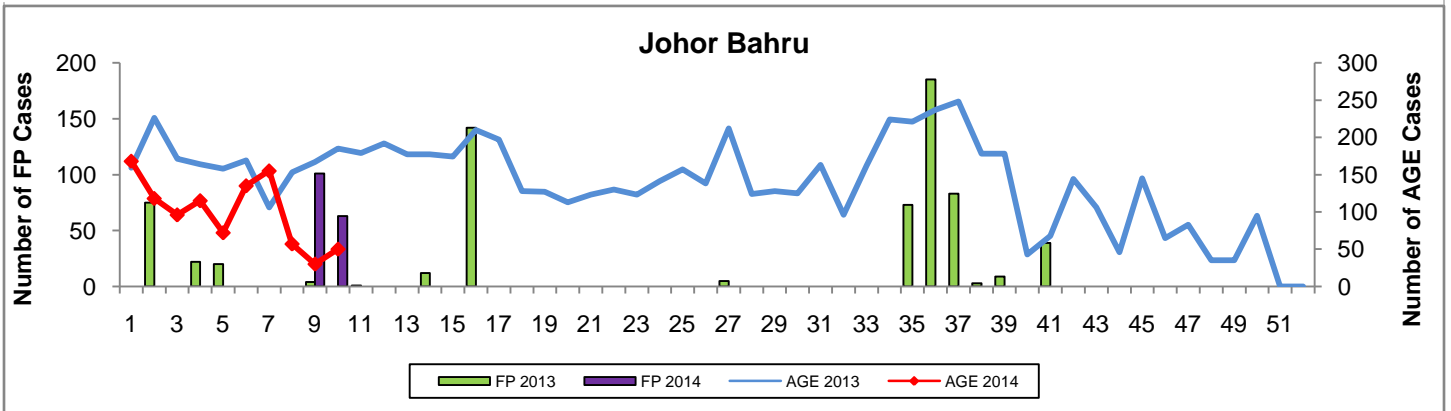
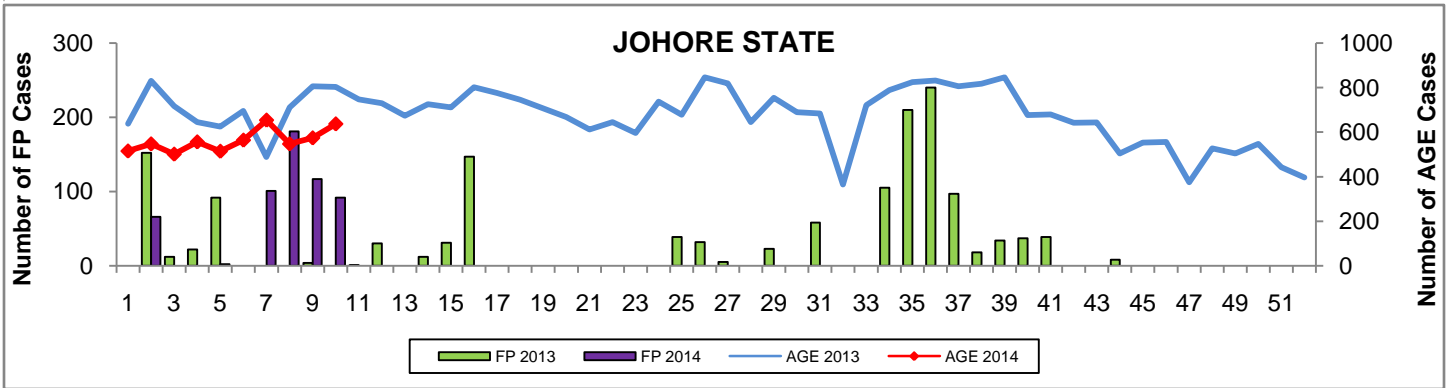
## NOTIFIABLE DISEASES FOR CURRENT WEEK BY DISTRICT, 2014, JOHORE STATE

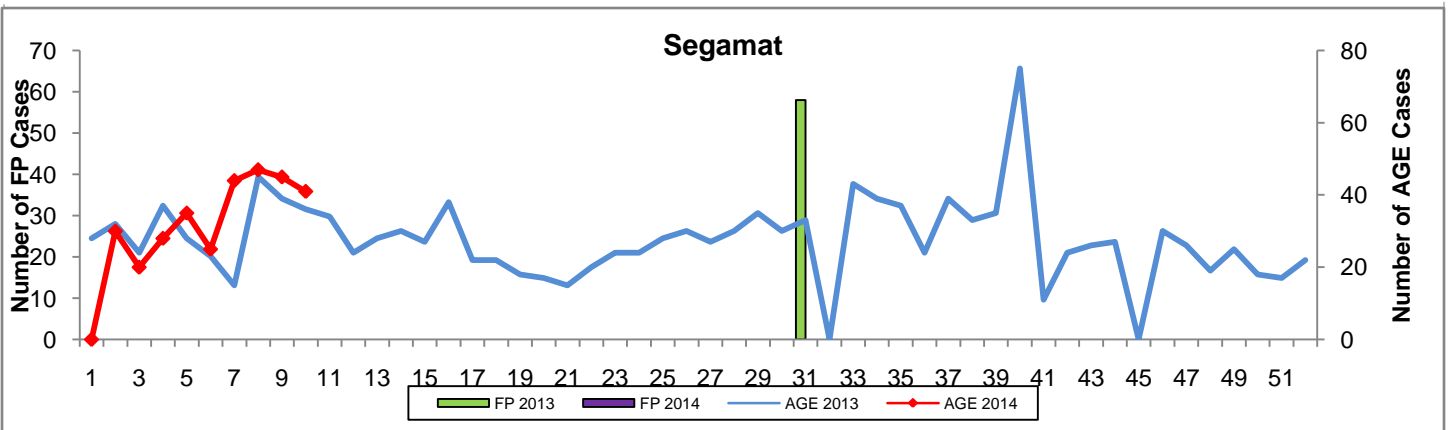
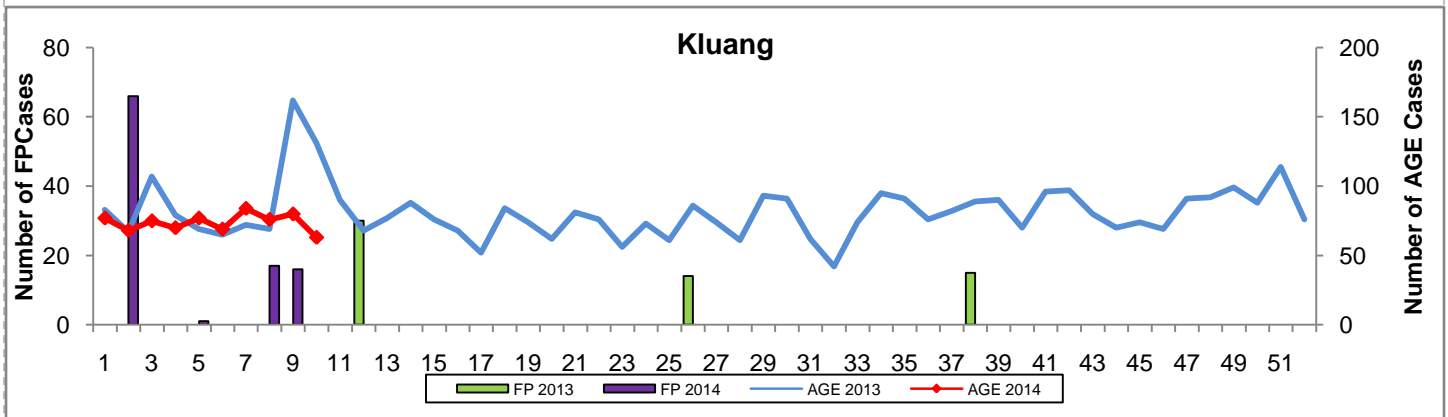
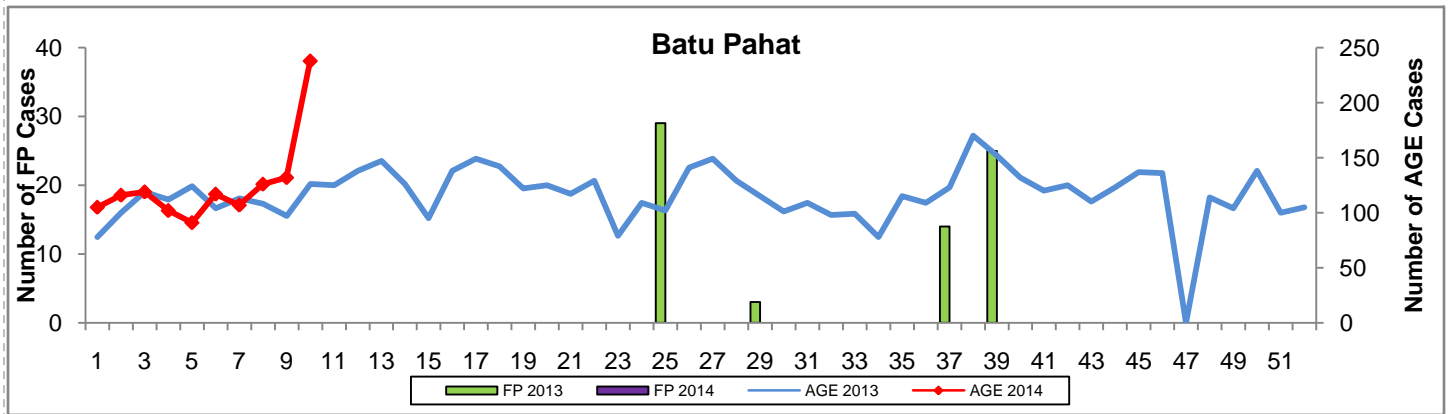
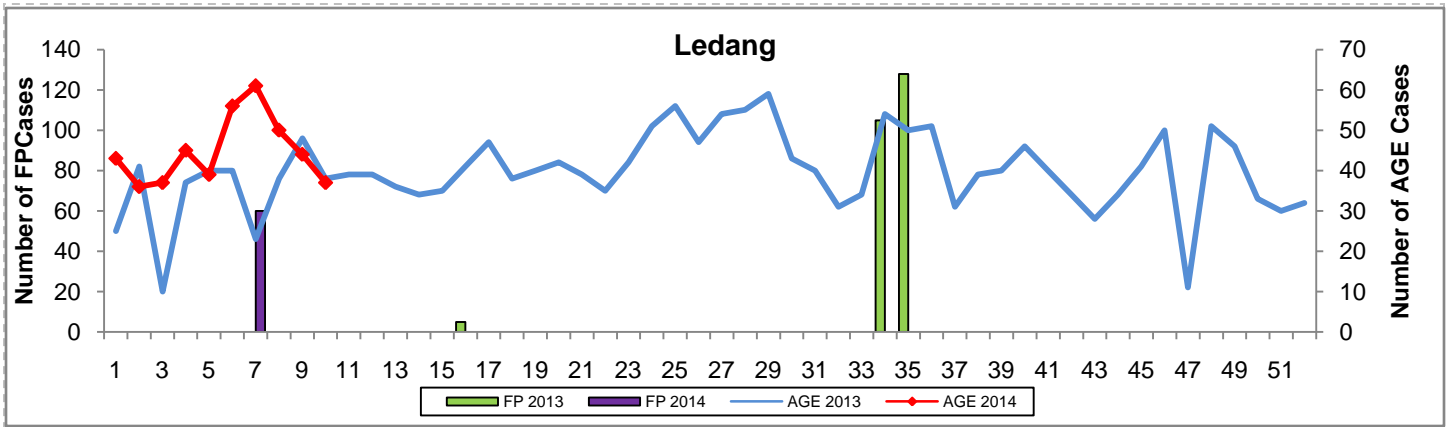
	DISEASE	DISTRICT										STATE
		JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	
1.	HIV INFECTION (all forms)	7	0	0	0	0	0	0	0	0	0	7
	HIV DEATH	0	0	0	0	0	1	0	0	0	1	2
2.	CHANCROID	0	0	0	0	0	0	0	0	0	0	0
3.	CHOLERA	0	0	0	0	0	0	0	0	0	0	0
4.	DENGUE FEVER	64	14	2	0	13	20	1	4	6(1)	0	124(1)
	DENGUE HAEMORRHAGIC FEVER	3(2)	0	0	0	0	0	0	0	0	0	3(2)
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)	1	1	0	0	0	0	0	1	0	0	3
	FOOD POISONING (case)	63	5	0	0	0	0	0	29	0	0	97
9.	GONOCOCCAL INFECTION (all forms)	1	0	0	0	0	0	0	0	0	0	1
10.	LEPROSY	0	0	0	0	0	0	0	0	0	0	0
11.	LEPTOSPIROSIS	0	0	1	1	2	0	0	1	0	0	5
12.	MALARIA	0	0	0	0	0	0	1	0	0	0	1
13.	MEASLES	0	0	0	0	0	0	0	0	0	0	0
14.	MELIOIDOSIS	0	0	0	0	0	0	0	0	0	0	0
15.	HAND, FOOT AND MOUTH DISEASE	26	4	6	12	14	3	8	3	3	0	79
16.	INFLUENZA A (H1N1)	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)	1	0	0	0	0	0	0	0	0	0	1
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23.	TUBERCULOSIS (all forms)	15	0	2	1	4	2	0	2	2	0	28
	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	0	1	3	0	4
	c) Hepatitis C	0	0	0	0	0	2	0	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.	SURVEILLANCE											
	a) Influenza-Like Illness (ILI)	16	10	5	12	16	4	0	50	49	0	162
	b) Acute Gastroenteritis (AGE)	50	0	43	37	238	63	41	53	97	15	637
	c) Fever <38°C	584	115	1720	196	757	130	706	663	672	39	5582
	d) Fever ≥38°C	13	8	204	72	271	117	86	46	245	9	1071
31.	CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	0	0	0	0	0	0	0	0	0	0	0
32.	FILARIASIS	0	0	0	0	0	0	0	0	0	0	0

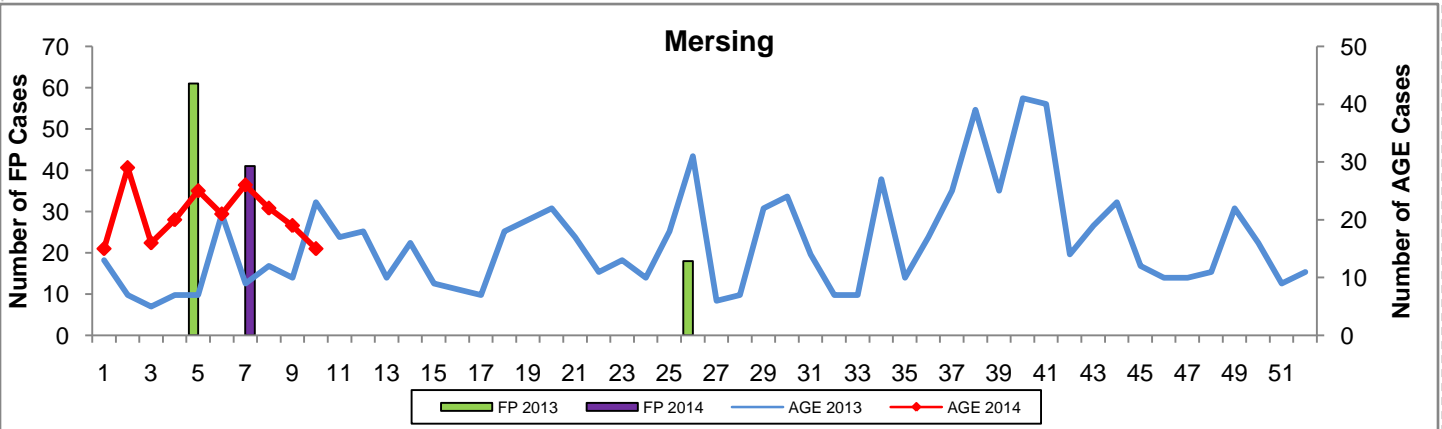
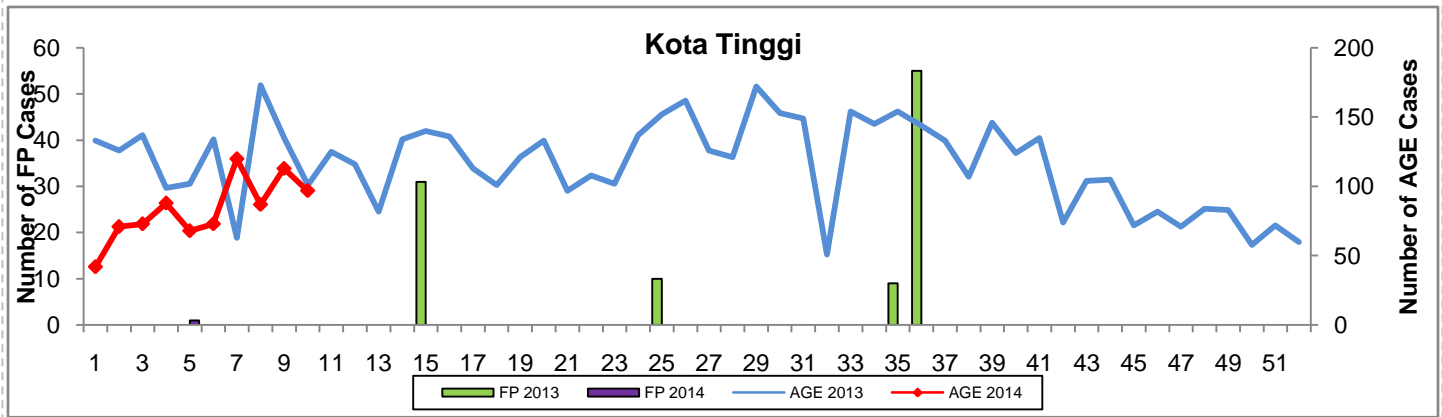
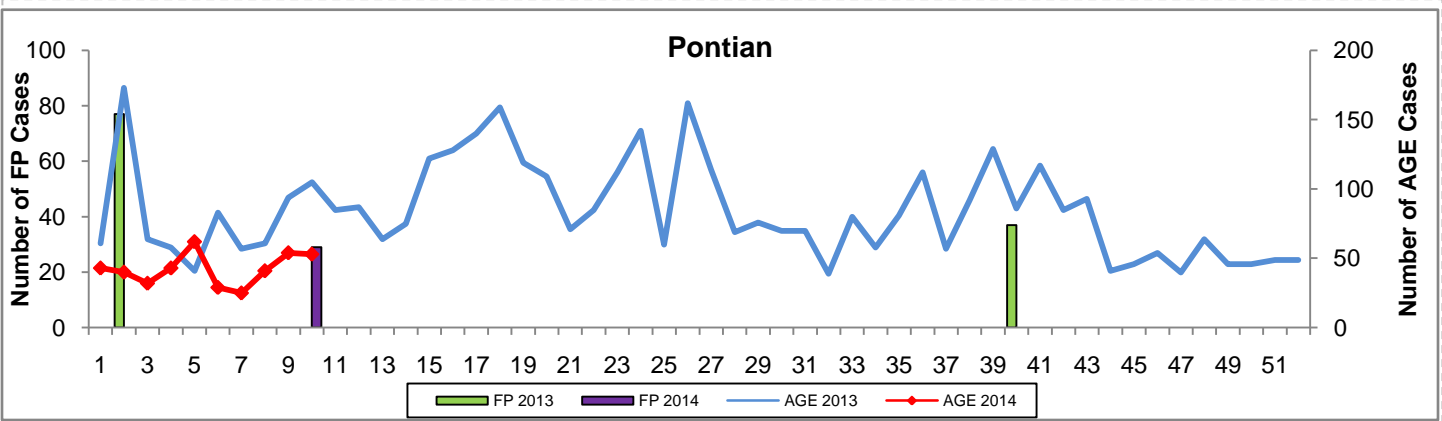
**NOTIFIABLE DISEASES FOR CURRENT WEEK CUMULATIVE, BY DISTRICT, 2014,**  
**JOHORE STATE**

DISEASE	DISTRICT										STATE
	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	
1. HIV INFECTION (all forms)	44	6	4	0	1	0	0	5	8	0	67
HIV DEATH	0	0	1	0	0	1	0	0	0	1	3
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	692(1)	100	21	22	173(1)	156(1)	24(1)	36	40(1)	8	1272(5)
DENGUE HAEMORRHAGIC FEVER	6(5)	0	0	0	3	0	0	0	0	0	9(5)
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)	2	1	2	2	0	4	0	1	1	1	14
FOOD POISONING (case)	164	5	164	50	0	141	0	29	35	41	629
9. GONOCOCCAL INFECTION (all forms)	8	0	1	0	4	0	1	1	0	0	15
10. LEPROSY	0	0	0	0	0	0	0	0	0	0	0
11. LEPTOSPIROSIS	11	0	2	6	5	1	0	2	3	0	30
12. MALARIA	0	0	0	0	0	0	1	0	0	0	1
13. MEASLES	1	0	0	0	0	0	1	0	0	0	2
14. MELIOIDOSIS	0	0	0	0	0	0	0	0	0	0	0
15. HAND, FOOT AND MOUTH DISEASE	142	32	44	65	41	28	18	11	7	13	401
16. INFLUENZA A (H1N1)	2	0	0	0	0	0	0	1	0	0	3
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)	19	0	0	3	2	1	1	0	0	0	26
22. TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	1	0	0	1
23. TUBERCULOSIS (all forms)	169	34	32	9	44	33	22	20	31	6	400
TUBERCULOSIS DEATH	0	0	0	0	0	0	0	0	0	0	0
24. TYPHOID & PARATYPHOID FEVER	2	1	1	1	1	1	0	0	0	0	7
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	1	0	0	0	0	0	1
b) Hepatitis B	3	2	7	8	1	0	0	1	6	0	28
c) Hepatitis C	5	0	0	1	1	2	1	0	0	0	10
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. SURVEILLANCE											
a) Influenza-Like Illness (ILI)	286	138	53	41	166	10	15	269	440	4	1422
b) Acute Gastroenteritis (AGE)	996	104	299	448	1274	739	350	422	832	208	5672
c) Fever <38°C	7314	1124	15338	1933	5554	1312	6689	5891	6144	555	51854
d) Fever ≥38°C	183	56	1405	646	2609	1093	1336	264	1678	180	9450
31. CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	0	0	0	0	0	0	0	0	0	0	0
32. FILARIASIS	0	0	0	0	0	0	0	0	0	2	2

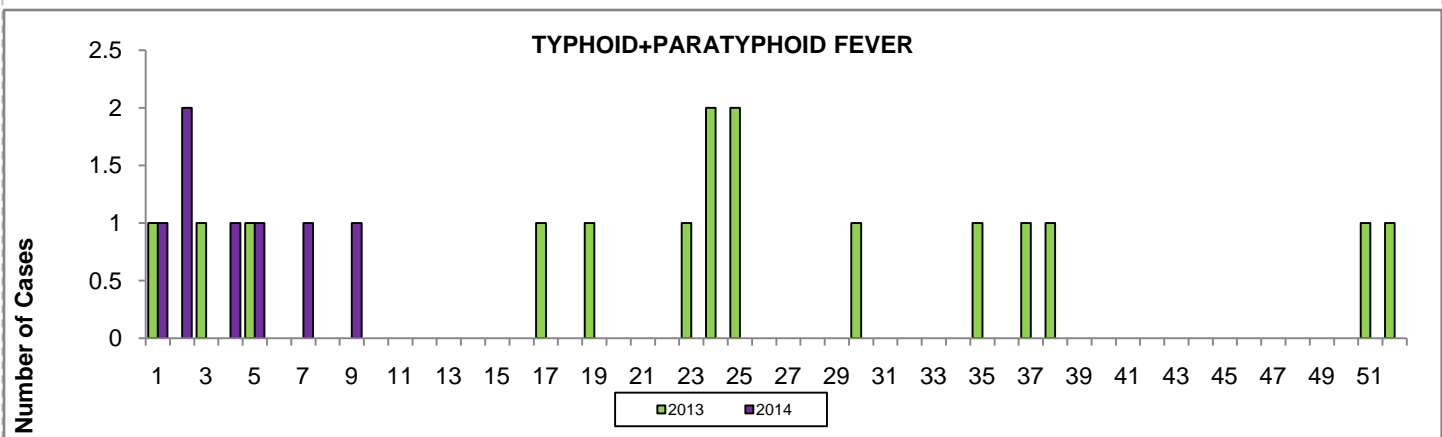
**WEEKLY INCIDENCE OF FOOD POISONING, 2013—2014**



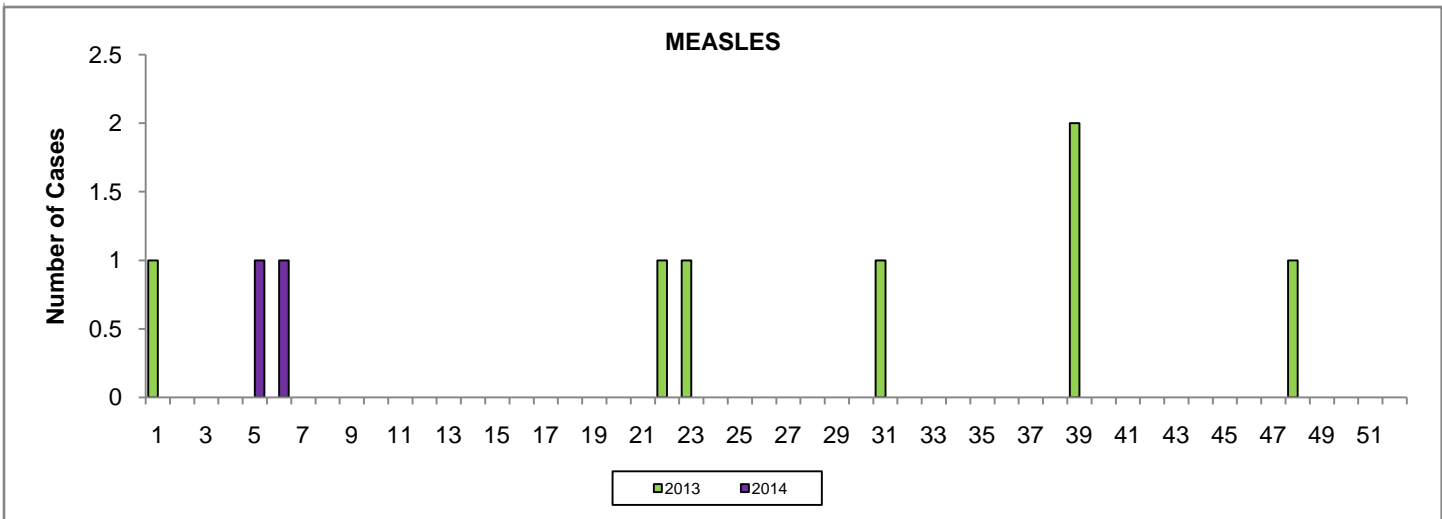
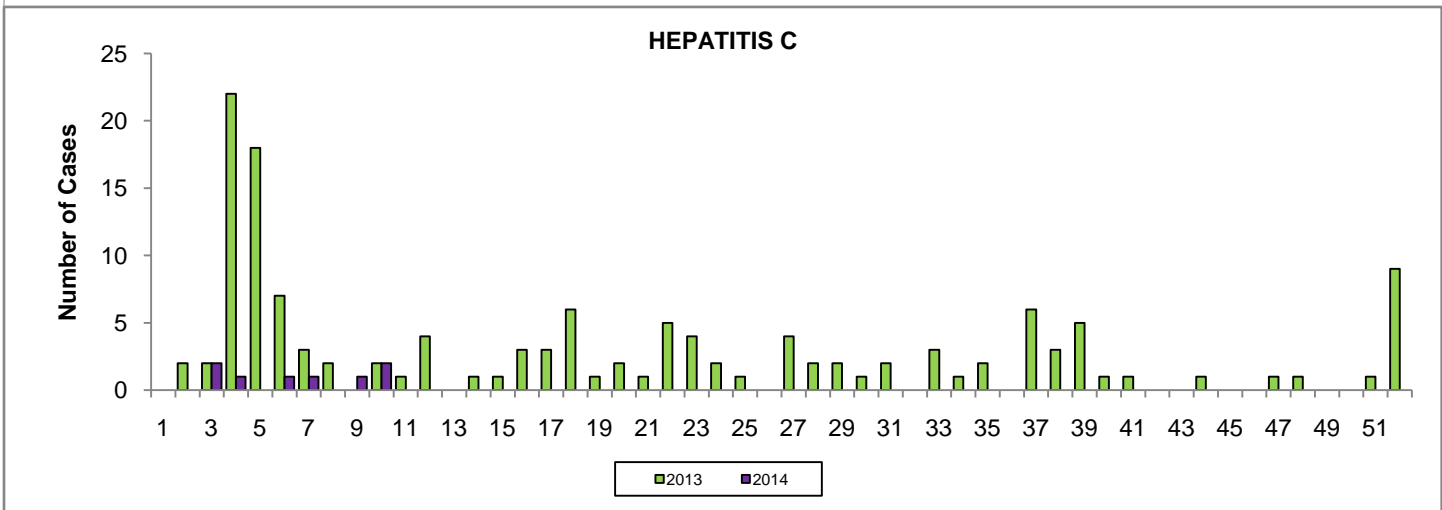
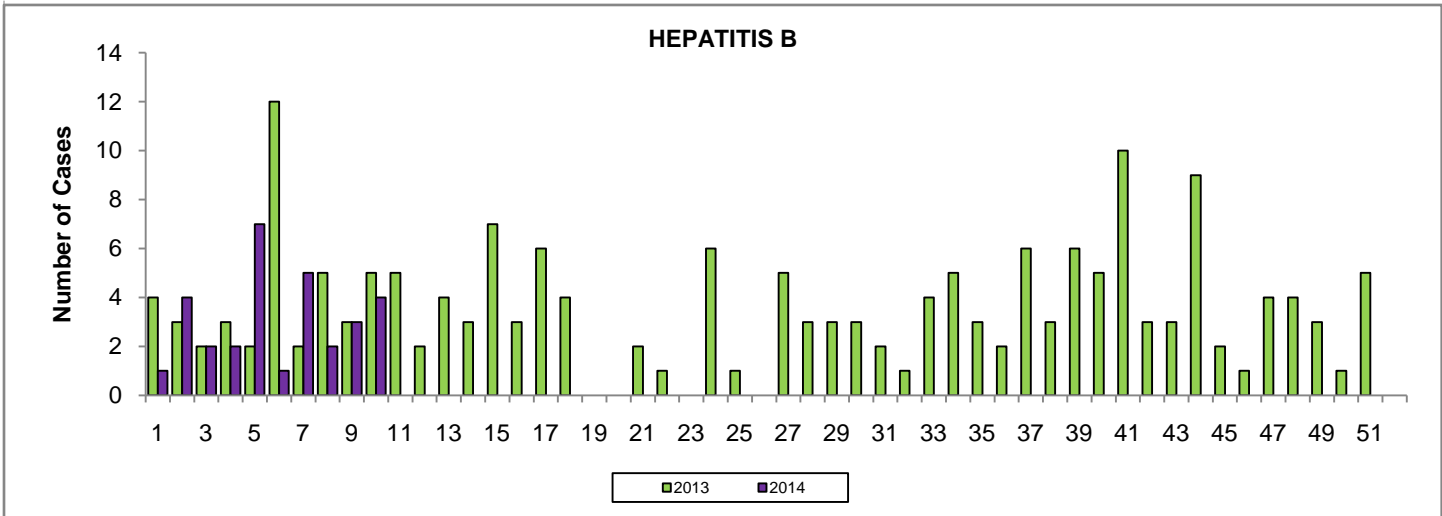




## WEEKLY INCIDENCE OF OTHER FOOD WATERBORNE DISEASES, 2013—2014



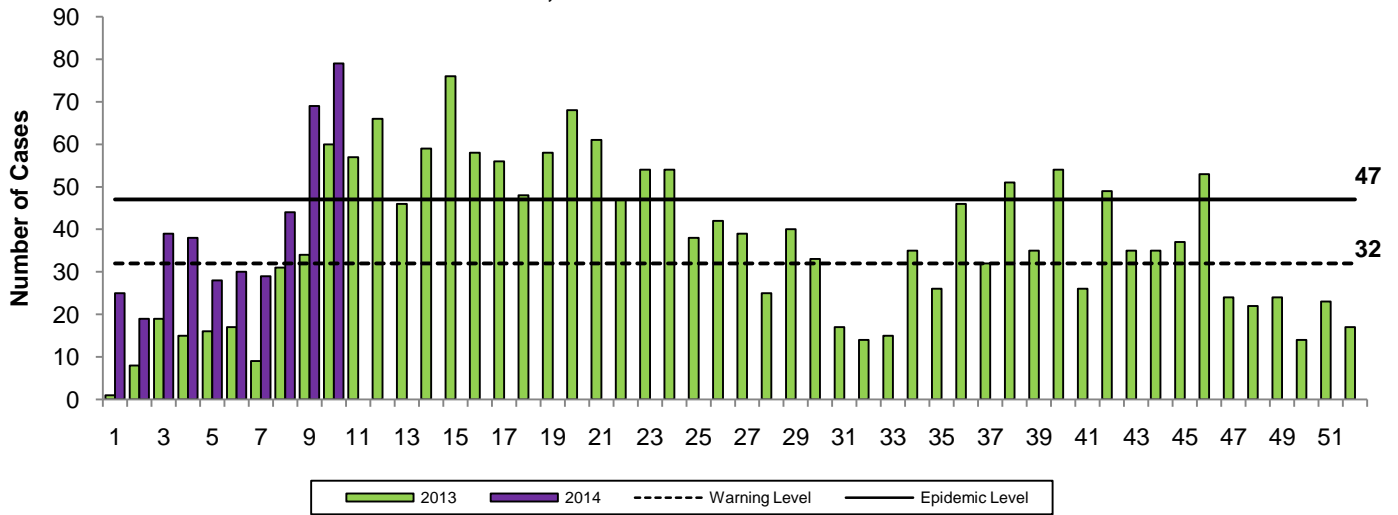
**WEEKLY INCIDENCE OF VACCINE PREVENTABLE DISEASES, 2012—2013**



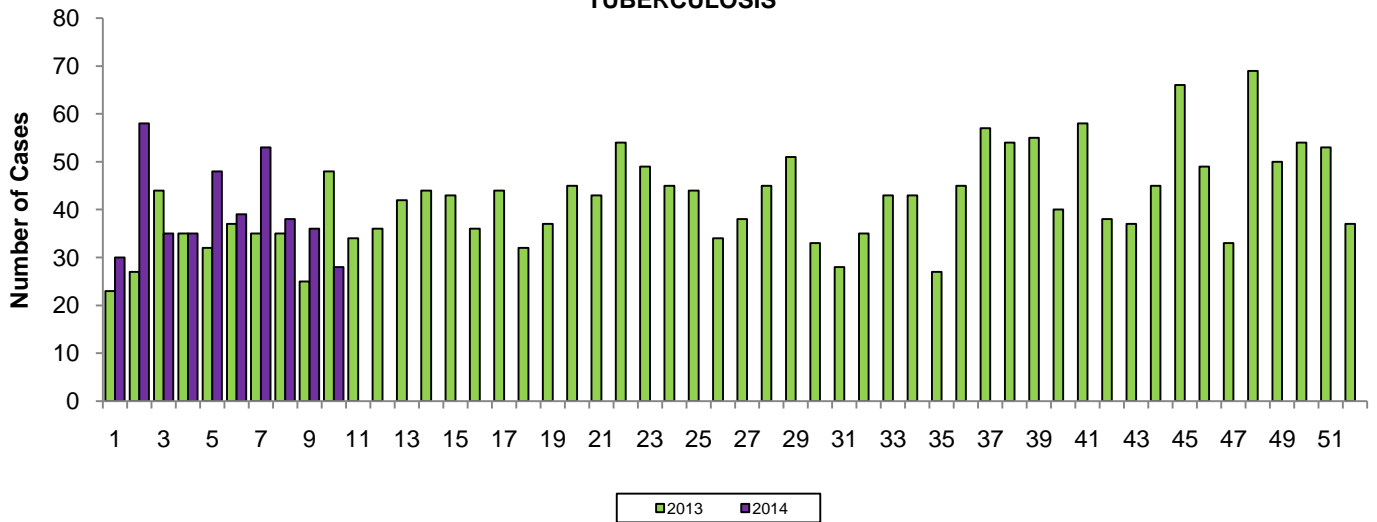


**WEEKLY INCIDENCE OF AIR/DROPLET BORNE DISEASES, 2013—2014**

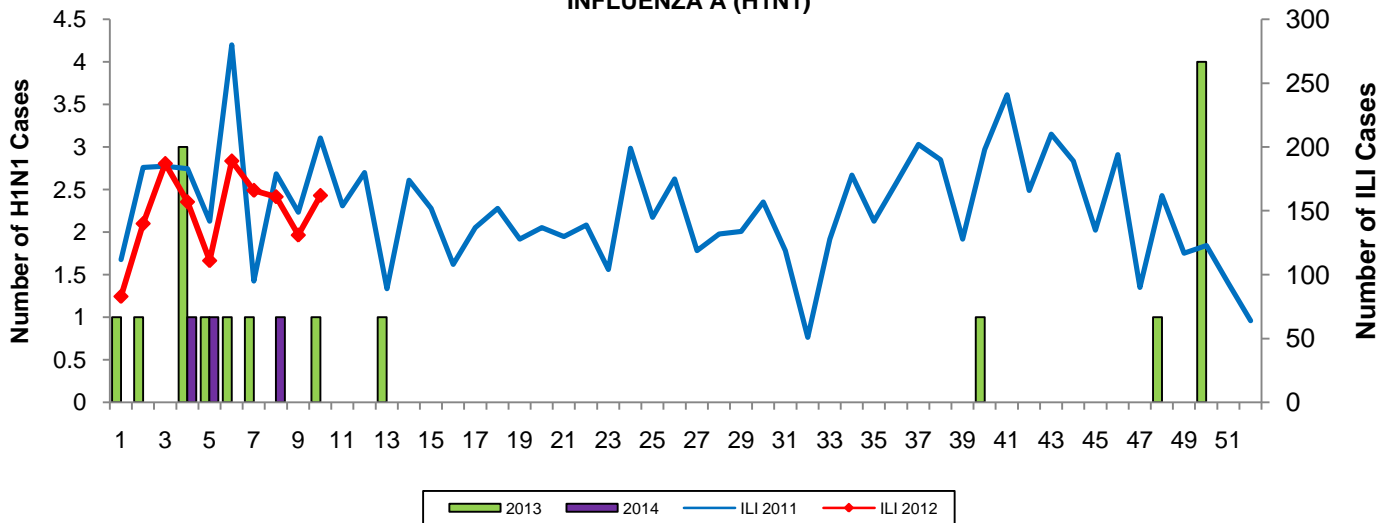
**HAND , FOOT AND MOUTH DISEASE**



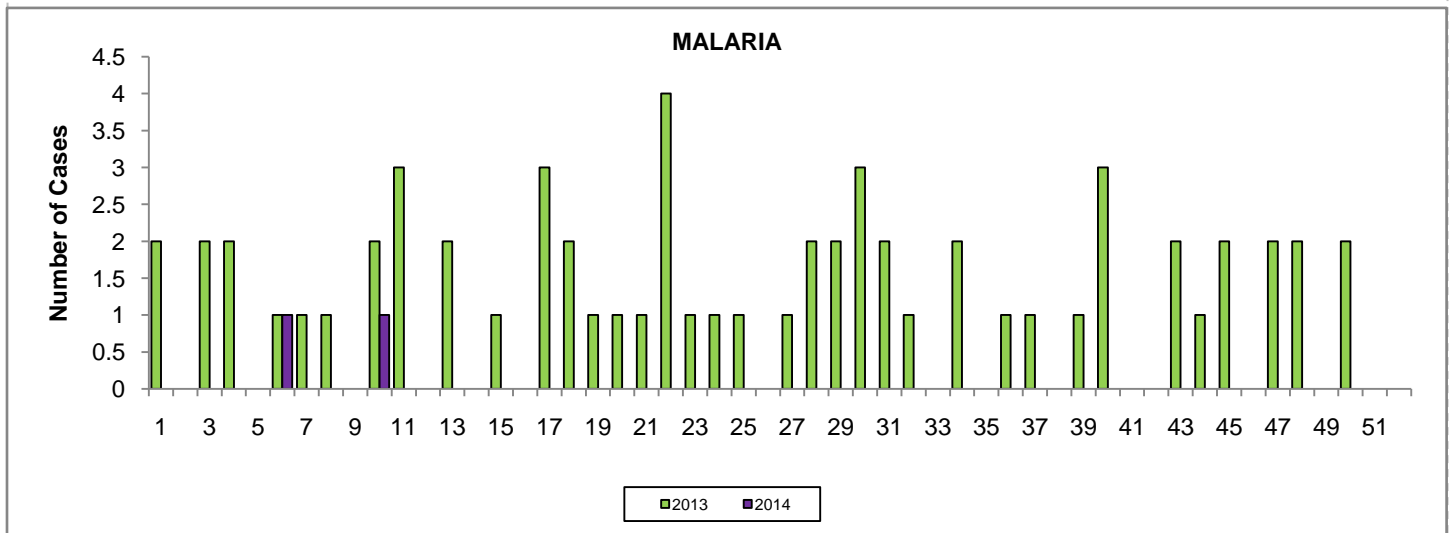
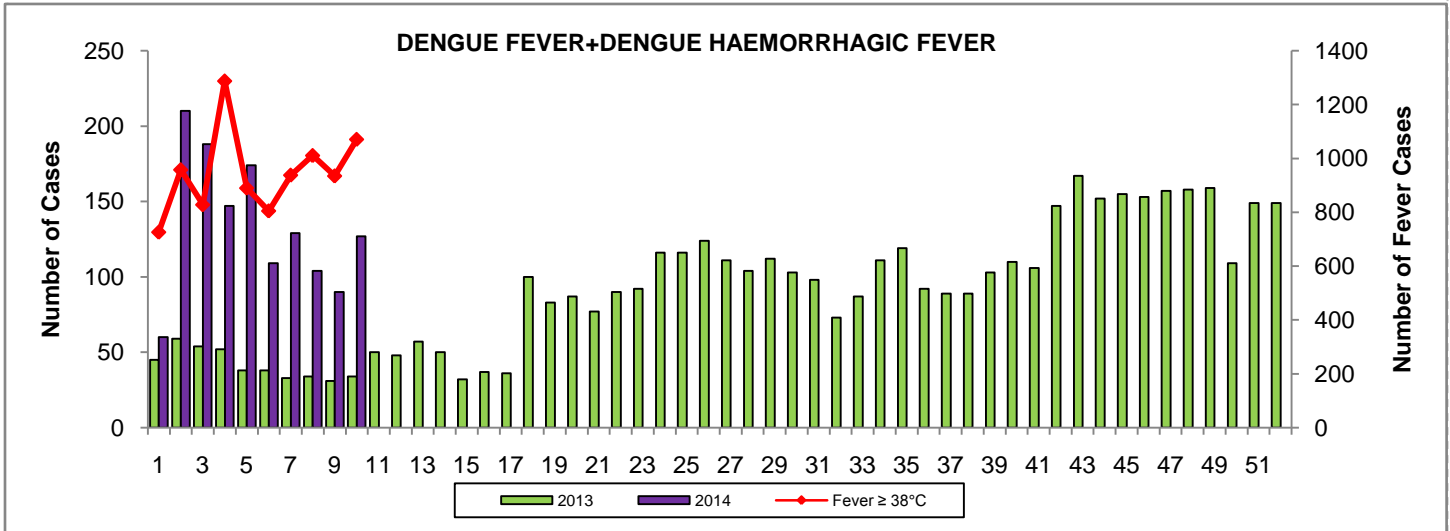
**TUBERCULOSIS**



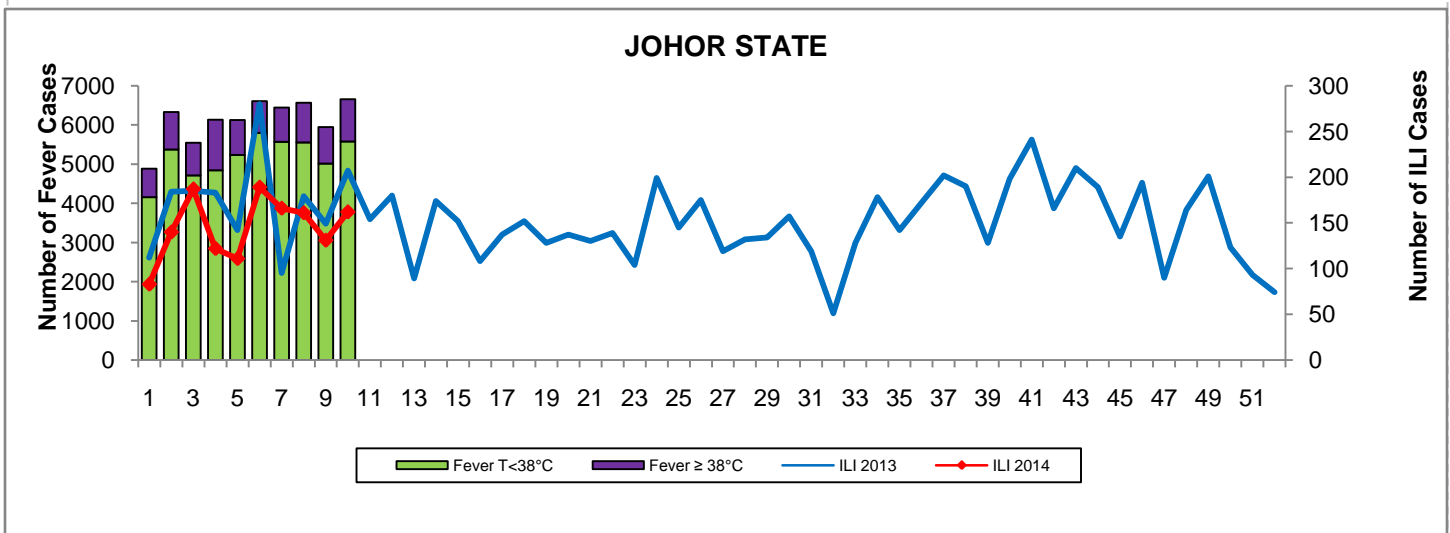
**INFLUENZA A (H1N1)**

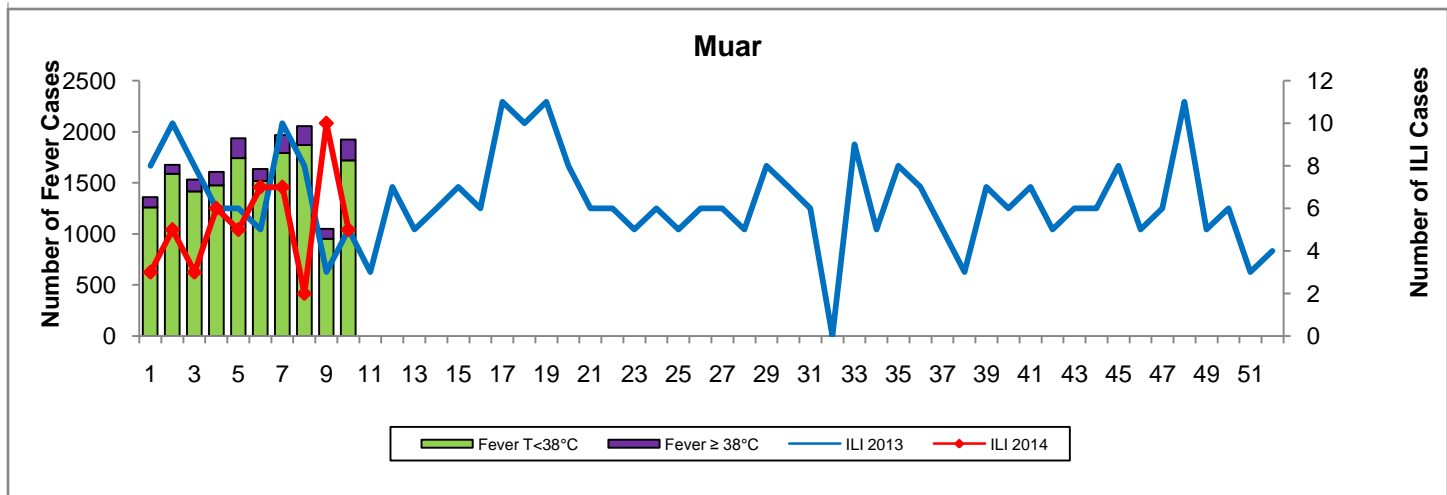
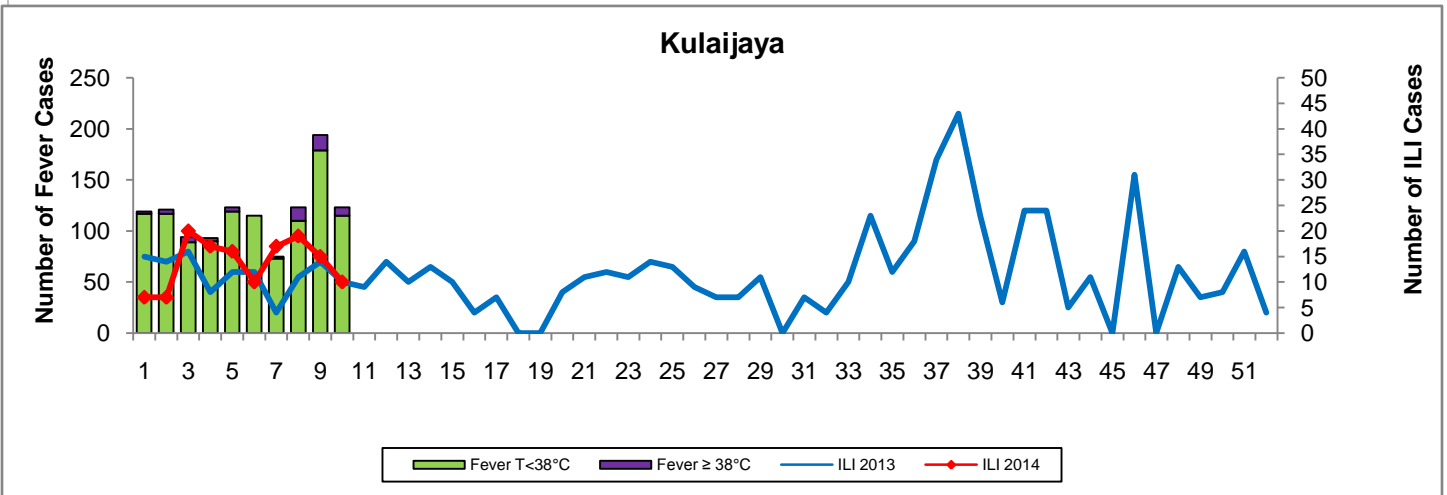
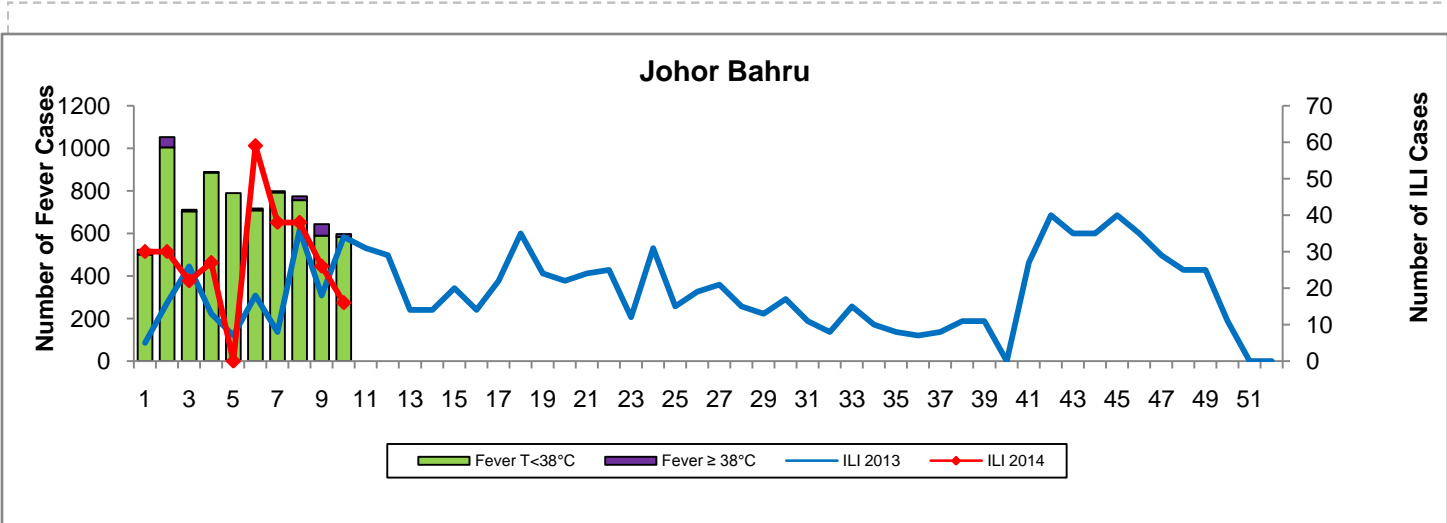


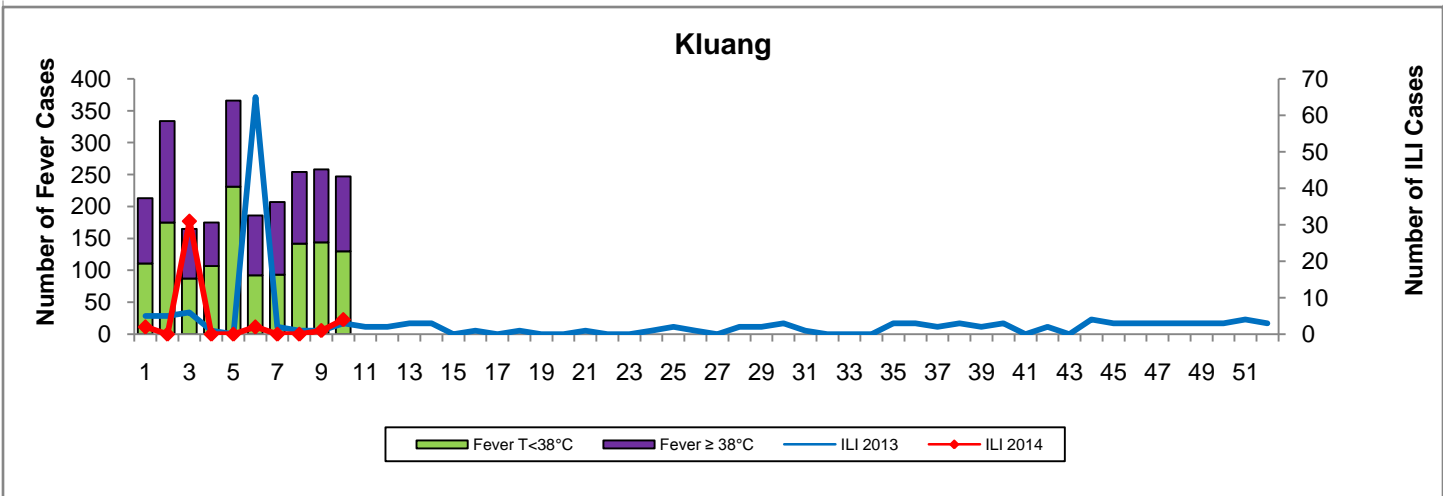
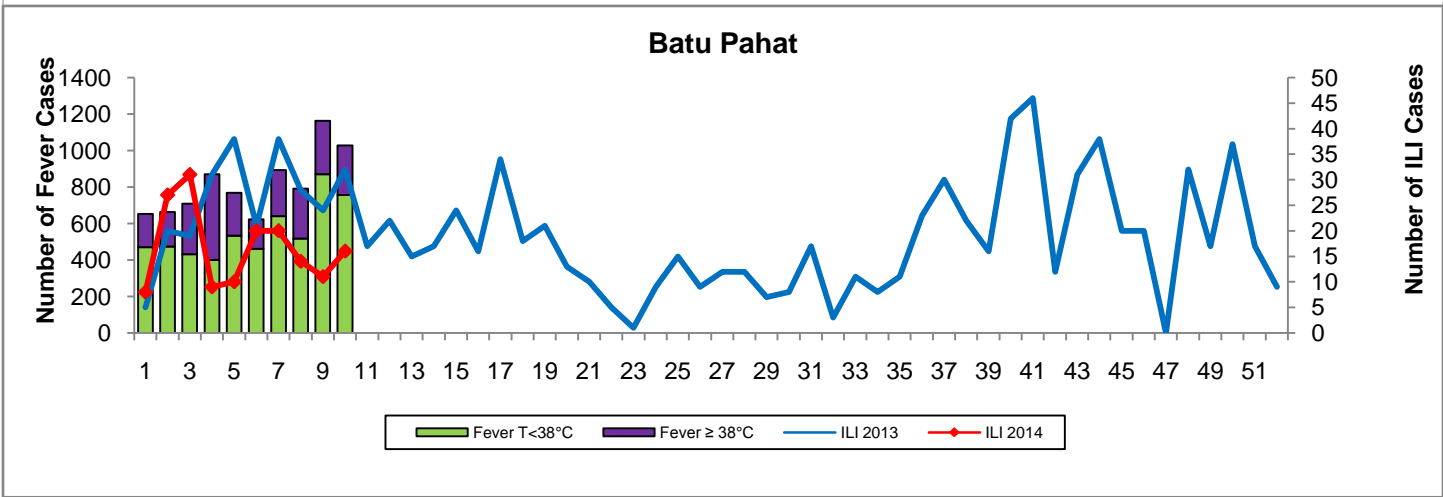
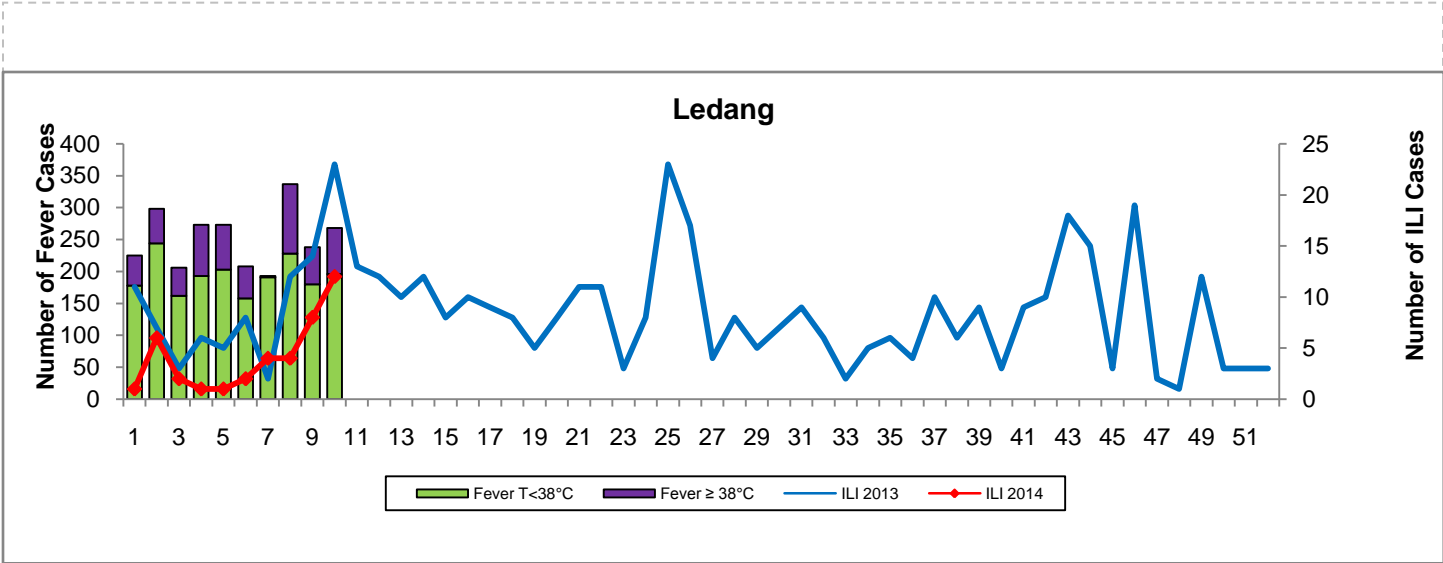
**WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2013—2014**

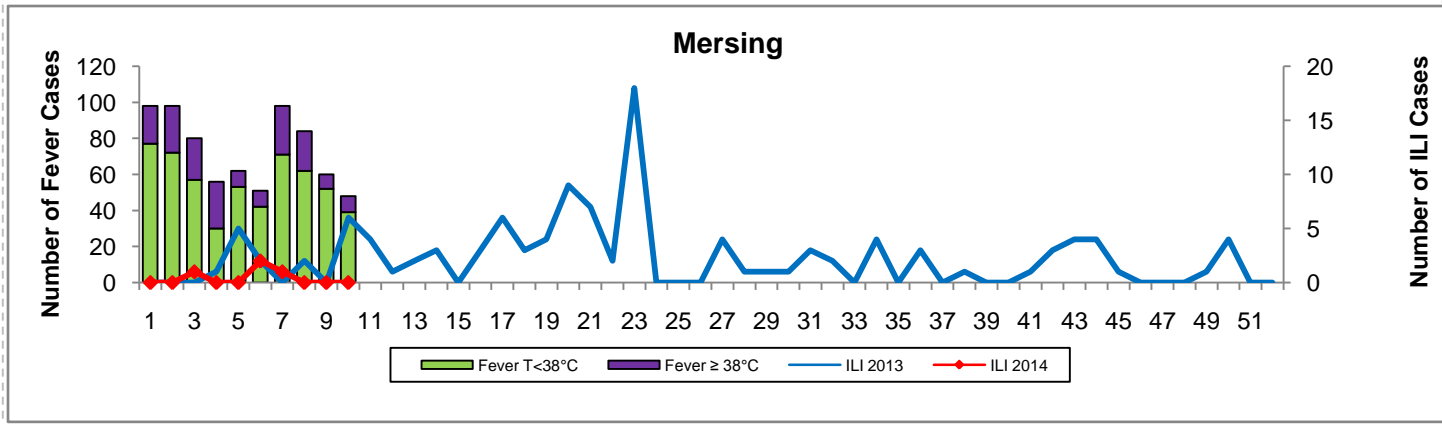
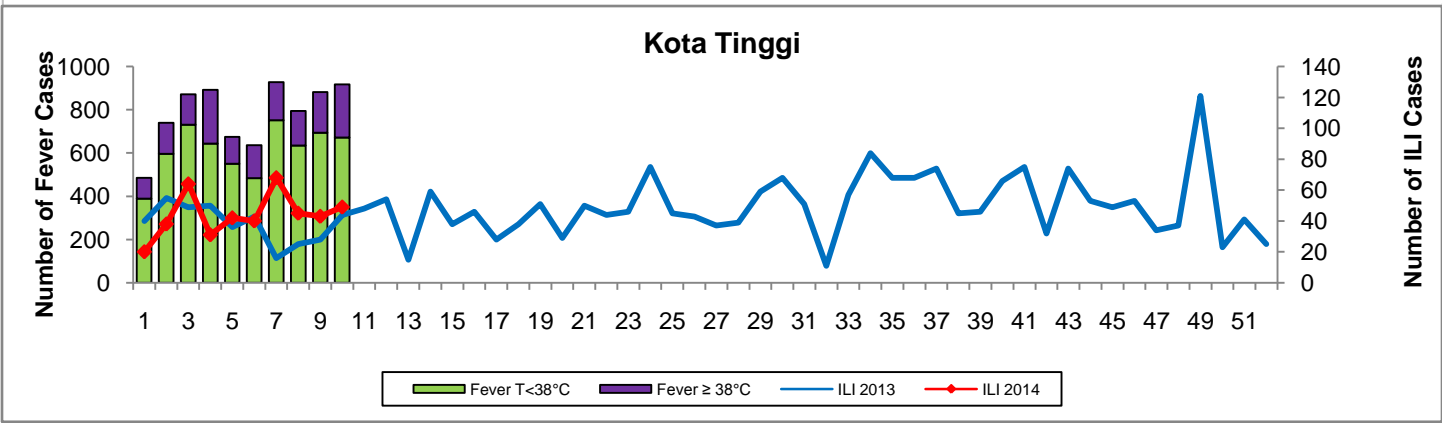
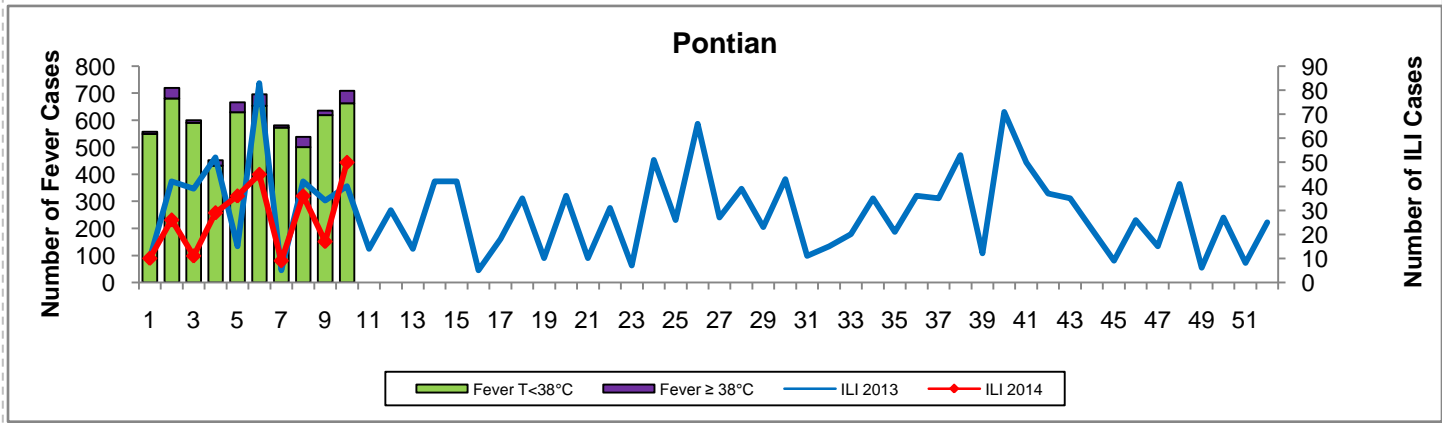
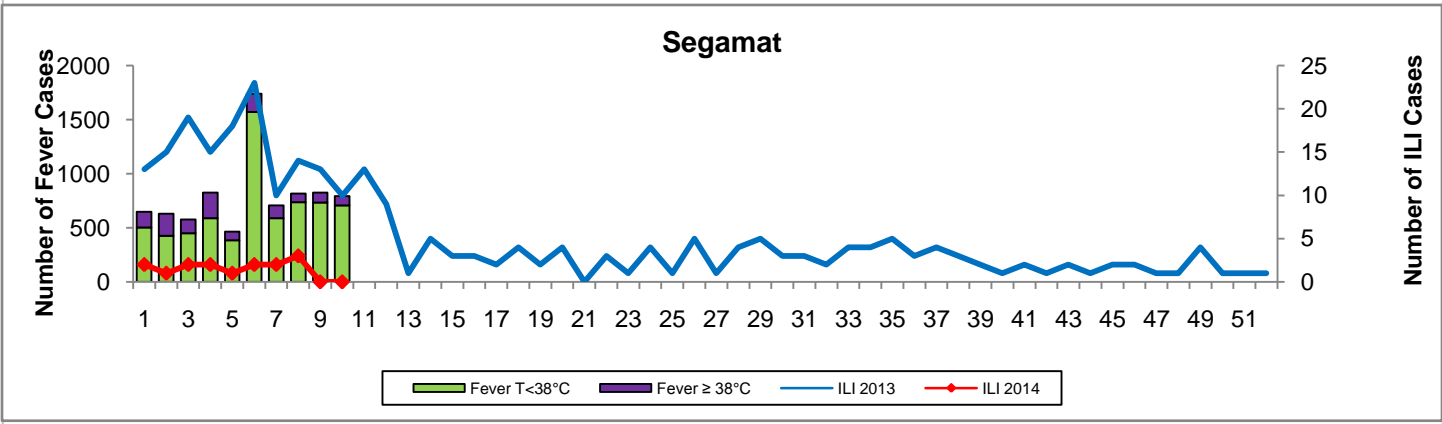


**WEEKLY INCIDENCE OF FEVER & ILI SURVEILLANCE, 2014**









## DENGUE VIRUS SEROTYPING SURVEILLANCE (DVSS) , 2013 – 2014

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	
	2014	2013	2014	2013	2014	2013	2014	2013	2014	2013	2014	2013
1 HSA, JB	11	4	648	87	11	4	643	59	11	6	594	41
2 HSI, JB	2	0	33	61	2	0	33	21	1	0	24	6
3 HPSF, Muar	1	0	63	6	1	0	59	3	0	0	46	1
4 Hospital Kluang	0	3	8	3	0	3	4	3	0	0	2	0
5 KK Mahmoodiah, JB	8	11	55	37	8	6	47	27	4	1	25	7
6 KK Sultan Ismail, JB	1	0	6	0	1	0	4	0	1	0	5	0
7 KK Pasir Gudang, JB	3	16	19	16	3	11	18	11	2	0	14	0
8 KK Mengkibol, Kluang	0	3	5	20	0	1	3	13	0	0	1	0
9 KK Batu Pahat	5	3	67	17	5	2	64	10	4	0	44	1

## BACTERIOLOGICAL SURVEILLANCE

### A. Enteric Pathogen Identified During Food Poisoning/AGE Event 2013 – 2014, Johor State

Analysis	No. of sample received				No. of positive sample			
	This epid week		Cumulative		This epid week		Cumulative	
	2014	2013	2014	2013	2014	2013	2014	2013
1 <i>Salmonella typhi</i>	31	0	237	139	0	0	0	0
2 <i>Salmonella spp. (other than S. typhi)</i>	31	0	237	139	0	0	0	20
3 <i>Vibrio cholerae</i>	31	0	237	139	0	0	0	0
4 <i>Vibrio spp. (other than V. cholerae)</i>	31	0	237	139	0	0	0	0
5 <i>Enteropathogenic E.coli (EPEC)</i>	31	0	237	139	0	0	0	0
6 <i>Enterohaemorrhagic E.coli (EHEC)</i>	31	0	237	139	0	0	0	0
7 <i>Shigella spp.</i>	31	0	237	139	0	0	0	0
8 <i>Bacillus cereus (positive enterotoxin)</i>	31	0	237	139	0	0	1	1
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	31	0	237	139	0	0	2	10
10 <i>Campylobacter</i>	31	0	237	139	0	0	0	0

### B. Pathogen Identified in the Community via Health Centre / Health Office 2013 – 2014, Johor State

Analysis	No. of sample received				No. of positive sample			
	This epid week		Cumulative		This epid week		Cumulative	
	2014	2013	2014	2013	2014	2013	2014	2013
1 <i>Neisseria meningitidis</i>	74	47	567	449	0	0	0	0
2 <i>Haemophilus influenzae</i>	74	47	567	449	4	0	8	11
3 <i>Klebsiella pneumoniae</i>	74	47	567	449	3	3	32	28
4 <i>Pseudomonas aeruginosa</i>	74	47	567	449	0	0	1	8
5 <i>Streptococcus pneumoniae</i>	74	47	567	449	0	0	1	1
6 <i>Streptococcus species</i>	74	47	567	449	2	0	5	0
7 <i>Staphylococcus aureus</i>	74	47	567	449	1	1	3	1
8 <i>Enterobacter species</i>	74	47	567	449	1	0	1	5
9 <i>Burkholderia pseudomallei</i>	74	47	567	449	0	0	0	0
10 <i>Bordetella pertussis</i>	74	47	567	449	0	0	0	0
11 <i>Acinetobacter baumannii</i>	74	47	567	449	0	0	0	0
12 <i>Carbapenam Resistant Enterobacteriaceae (CRE)</i>	74	47	567	449	0	0	0	0
13 <i>Methicillin Resistant Staphylococcus Aureus (MRSA)</i>	74	47	567	449	0	0	0	0

## No. of Positive Sample For Current Week, By District, 2014, 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	1	0	0	0	0	0	0	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>	4	0	0	0	0	0	0	0	0	0	4
3 <i>Klebsiella pneumoniae</i>	3	0	0	0	0	0	0	0	0	0	3
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>	2	0	0	0	0	0	0	0	0	0	2
7 <i>Staphylococcus aureus</i>	1	0	0	0	0	0	0	0	0	0	1
8 <i>Enterobacter species</i>	1	0	0	0	0	0	0	0	0	0	1
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, 2014, 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	2	0	0	0	0	0	0	0	2
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	0	1	0	0	0	1	0	0	0	0	2
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>	7	0	0	0	0	0	0	0	0	0	7
3 <i>Klebsiella pneumoniae</i>	32	0	0	0	0	0	0	0	0	0	32
4 <i>Pseudomonas aeruginosa</i>	1	0	0	0	0	0	0	0	0	0	1
5 <i>Streptococcus pneumoniae</i>	1	0	0	0	0	0	0	0	0	0	1
6 <i>Streptococcus species</i>	3	0	0	0	0	0	0	0	0	0	3
7 <i>Staphylococcus aureus</i>	2	0	0	0	0	1	0	0	0	0	3
8 <i>Enterobacter species</i>	1	0	0	0	0	0	0	0	0	0	1
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, 2014: EPID WEEK 10

### Food Poisoning

Three food poisoning outbreaks were reported in Johor during epidemiological week 10.

On 2/3/2014, a family of five (two adults and three children) from Taman Saga, Kulaijaya developed abdominal ache (100%), diarrhoea (100%), nausea (60.0%), vomiting (60.0%), headache (40.0%) and fever (40.0%) starting 8.00 pm, just after coming back from a "balik kampung" trip to Pahang and Negeri Sembilan. They claimed the implicated food(s) were fruits they bought at roadside stalls and ate them on their way home. The youngest child (7 years old boy) was brought by his mother to Hospital Temenggong Seri Maharaja Tun Ibrahim (HTSMTI), Kulaijaya at midnight on the same day – seen at the Emergency Department and discharged with symptomatic treatment. On the next day (3/3/2014), he was brought to a private clinic, Klinik Suthakar, in Kulaijaya – discharged with anti-pyretic and anti-emetic. On the following day (4/3/2014), the child along with his elder sister (14 years old) and elder brother (12 years old) were brought to Klinik Kesihatan (KK) Bukit Liki, Kulaijaya and immediately referred to HTSMTI – the youngest child and his sister were subsequently admitted. Both of them were already discharged well on 6/3/2014.

On 4/3/2014 at 3.00 pm, first food poisoning symptom appeared among students at the Sekolah Agama Bantuan Kerajaan (SABK) Madrasah Al Attas Al Arabiah, Ulu Tiram, Johor Bahru. In total, 63 out of 297 students (attack rate = 21.1%) developed abdominal ache (100%), nausea (74.6%), vomiting (74.6%), diarrhoea (61.9%) and headache (57.1%) allegedly after eating spoilt soya sauced mackerel. The kitchen refrigerator was found to be malfunctioned. Fifty of the cases sought outpatient treatment at KK Ulu Tiram. Cases' stool specimens, proxy food samples and environmental swabs had been collected and sent to Makmal Kesihatan Awam Johor Bahru (MKAJB) for laboratory analysis.

Later on the same day (4/3/2014) at 11.30 pm, another food poisoning broke out. This time it affected 29 out of 531 students (attack rate = 5.5%) at the Sekolah Menengah Agama Maahad in Pontian. The victims developed abdominal ache (93.1%), vomiting (72.4%), nausea (69.6%), diarrhoea (66.0%), headache (55.2%) and fever (34.5%) after eating *sambal* prawns for lunch. Some of them claimed that the prawns were already decayed. All the cases were treated as outpatients at KK Pontian. Some stool specimens from food handlers and cases were sent to MKAJB for further tests.

### Hand, Foot, Mouth Disease (HFMD)

Two HFMD clusters were reported in Johor. The first cluster involving eight children was detected after Segamat Health Office received notifications from KK Pemanis on 3/3/2014. Further field investigation found epidemiologically linked above HFMD cases between kids at the Tadika KEMAS Pemanis and school children at the Sekolah Kebangsaan FELDA Pemanis. An index case was another kid at the kindergarten who contracted the disease a week earlier. The kindergarten had been ordered closed for one week while the affected classrooms at the school had been disinfected. Clinical specimens were sent to the Makmal Kesihatan Awam Kebangsaan (MKAK) in Sg. Buloh, Selangor for viral isolation. None of the cases required hospital admission.

The second HFMD cluster detected in Ledang after two HFMD cases from Tabika Perpaduan Serom were notified by a private clinic, Klinik Rasa Sayang, to the Ledang Health Office on 5/3/2014. On the next day (6/3/2014), one HFMD case related to the kindergarten was treated and notified by KK Bukit Gambir. Following an active case search, one more HFMD case was found, giving a total of four HFMD cases linked to the same Tabika Perpaduan Serom. The clinical specimens had been collected and sent to the MKAK Sg. Buloh. Meanwhile, the kindergarten was ordered closed for two weeks.

*Note: Please verify with the Epidemiology (CDC) Unit, Public Health Division, Johor State Health Department before quoting above figures and outbreak summary.*