

EPID WEEK 16

(13.04.2014-19.04.2104)

## 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)	22	7	7	138	148
HIV DEATH	1	0	NA	9	12
2. CHANCROID	0	0	0	0	0
3. CHOLERA	0	0	0	0	0
4. DENGUE FEVER	66	86	40	1716(7)	716
DENGUE HAEMORRHAGIC FEVER	2	0	4	14(5)	24
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)	2	2	1	21	15
FOOD POISONING (case)	26	147	31	908	508
9. GONOCOCCAL INFECTION (all forms)	1	3	2	24	43
10. LEPROSY	0	0	0	0	2
11. LEPTOSPIROSIS	0	1	0	44	18
12. MALARIA	1	1	1	6	17
13. MEASLES	0	0	0	6	5
14. MELIOIDOSIS	0	0	NA	0	2
15. HAND, FOOT AND MOUTH DISEASE	55	58	21	738	574
16. INFLUENZA A (H1N1)	0	0	0	4	10
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)	0	1	1	32	35
22. TETANUS (Neonatorum / Adult)	0	0	0	2	0
23. TUBERCULOSIS (all forms)	48	34	40	676	595
TUBERCULOSIS DEATH	0	0	NA	4	14
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	2	1
b) Hepatitis B	1	3	1	42	66
c) Hepatitis C	0	3	2	36	70
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)	151	108	143	2271	2473
b) Acute Gastroenteritis (AGE)	653	802	815	9048	11332
c) Fever	5781	7554	7182	96863	101959
31. CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	0	0	NA	0	0
32. FILARIASIS	6	NA	NA	9	NA

### EDITORIAL TEAM

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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)	103	135	112	159	148	<b>138</b>
	HIV DEATH	NA	NA	NA	18	12	<b>9</b>
2.	CHANCROID	0	0	0	0	0	<b>0</b>
3.	CHOLERA	0	0	0	0	0	<b>0</b>
4.	DENGUE FEVER	909	837	547	508	716	<b>1716(7)</b>
	DENGUE HAEMORRHAGIC FEVER	69	105	109	25	24	<b>14(5)</b>
5.	DIPHTHERIA	0	0	0	0	0	<b>0</b>
6.	DYSENTERY (all types)	1	5	0	1	0	<b>1</b>
7.	EBOLA	0	0	0	0	0	<b>0</b>
8.	FOOD POISONING (episode)	10	10	24	21	15	<b>21</b>
	FOOD POISONING (case)	575	301	1092	658	508	<b>908</b>
9.	GONOCOCCAL INFECTION (all forms)	28	56	58	64	43	<b>24</b>
10.	LEPROSY	5	1	4	0	2	<b>0</b>
11.	LEPTOSPIROSIS	NA	0	13	17	18	<b>44</b>
12.	MALARIA	37	30	13	15	17	<b>6</b>
13.	MEASLES	2	1	2	27	5	<b>6</b>
14.	MELIOIDOSIS	NA	NA	NA	0	2	<b>0</b>
15.	HAND, FOOT AND MOUTH DISEASE	226	186	125	853	574	<b>738</b>
16.	INFLUENZA A (H1N1)	0	268	101	8	10	<b>4</b>
17.	PLAGUE	0	0	0	0	0	<b>0</b>
18.	ACUTE POLIOMYELITIS	0	0	0	0	0	<b>0</b>
19.	RABIES	0	0	0	0	0	<b>0</b>
20.	RELAPSING FEVER	0	0	0	0	0	<b>0</b>
21.	SYPHILIS (all forms)	17	31	20	45	35	<b>32</b>
22.	TETANUS (Neonatorum / Adult)	0	0	0	0	0	<b>2</b>
23.	TUBERCULOSIS (all forms)	503	555	544	673	595	<b>676</b>
	TUBERCULOSIS DEATH	NA	NA	NA	29	14	<b>4</b>
24.	TYPHOID & PARATYPHOID FEVER	6	2	1	1	3	<b>7</b>
25.	TYPHUS & OTHER RECKETTSIOSES	0	0	0	1	0	<b>0</b>
26.	VIRAL ENCEPHALITIS	0	0	0	0	0	<b>0</b>
27.	VIRAL HEPATITIS					0	
	a) Hepatitis A	0	2	1	0	1	<b>2</b>
	b) Hepatitis B	18	6	15	71	66	<b>42</b>
	c) Hepatitis C	43	29	26	20	70	<b>36</b>
	d) Other Hepatitis	0	0	0	0	0	<b>0</b>
28.	WHOOPING COUGH	0	0	1	4	0	<b>1</b>
29.	YELLOW FEVER	0	0	0	0	0	<b>0</b>
30.	SURVEILLANCE					0	
	a) Influenza-Like Illness (ILI)	NA	4893	1829	2310	2473	<b>2271</b>
	b) Acute Gastroenteritis (AGE)	NA	18761	15340	11544	11332	<b>9048</b>
	c) Fever	NA	27475	138526	121223	101959	<b>96863</b>
31.	CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	NA	0	2	21	0	<b>0</b>
32.	FILARIASIS	NA	NA	NA	NA	NA	<b>9</b>

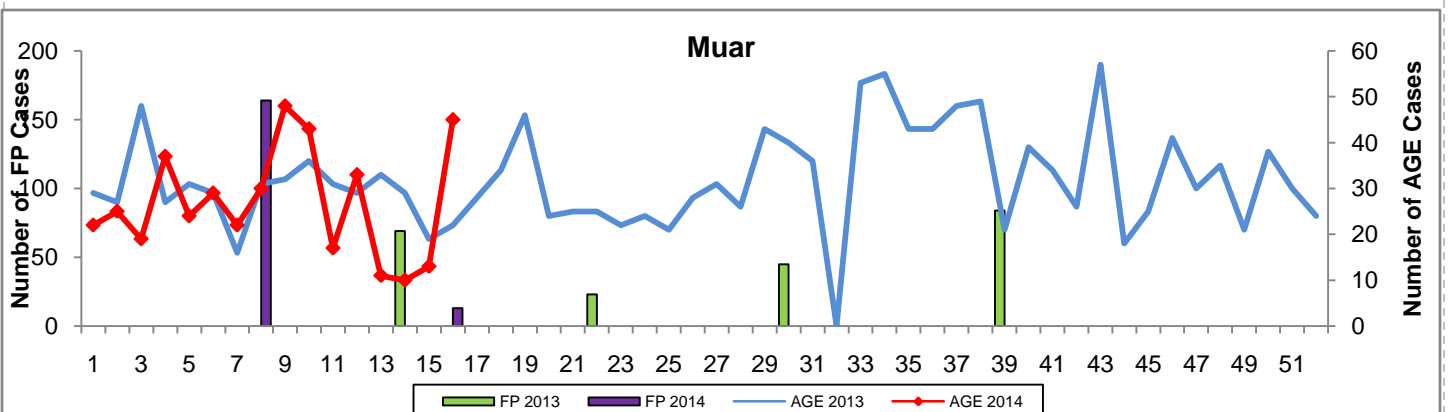
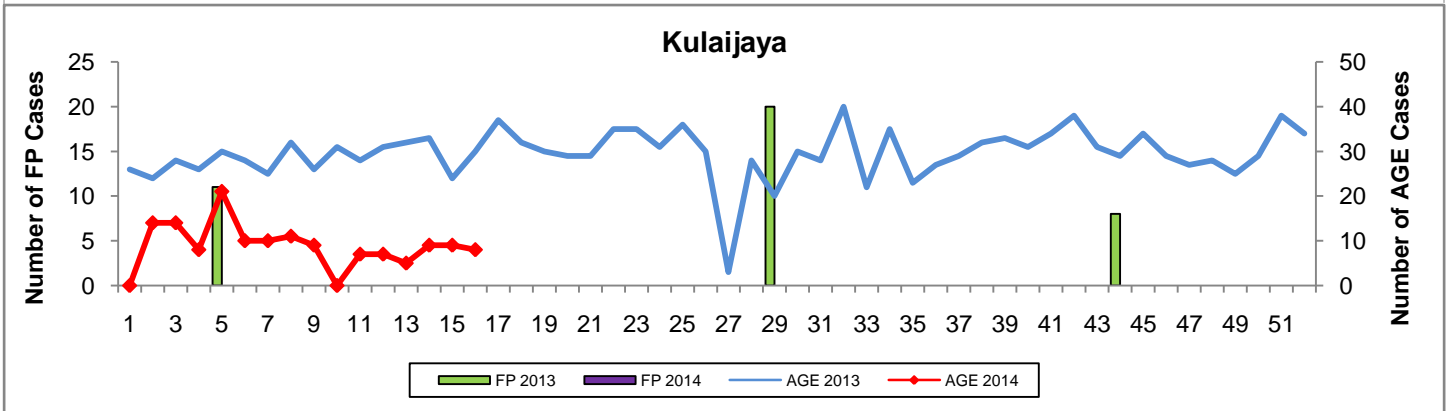
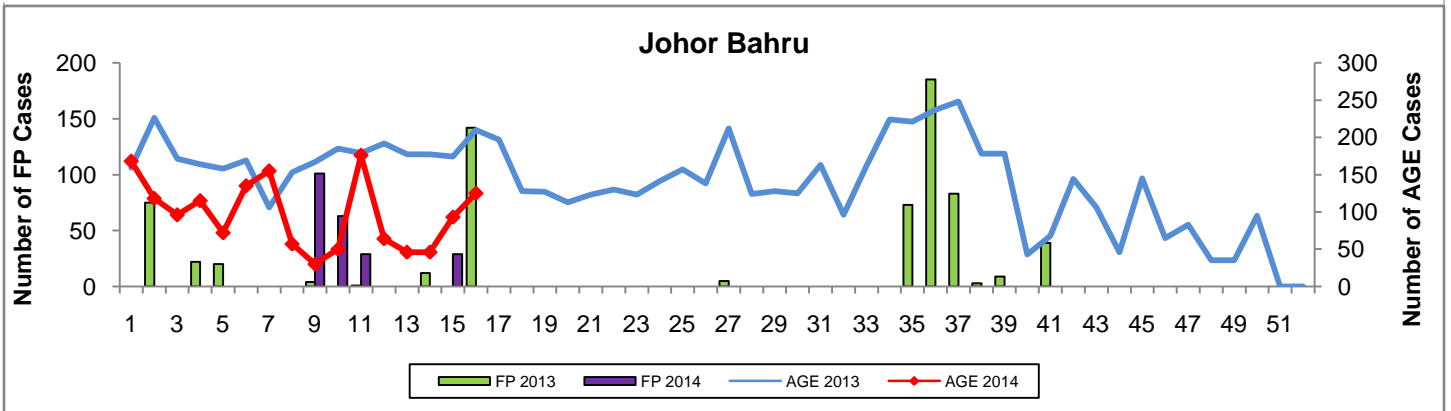
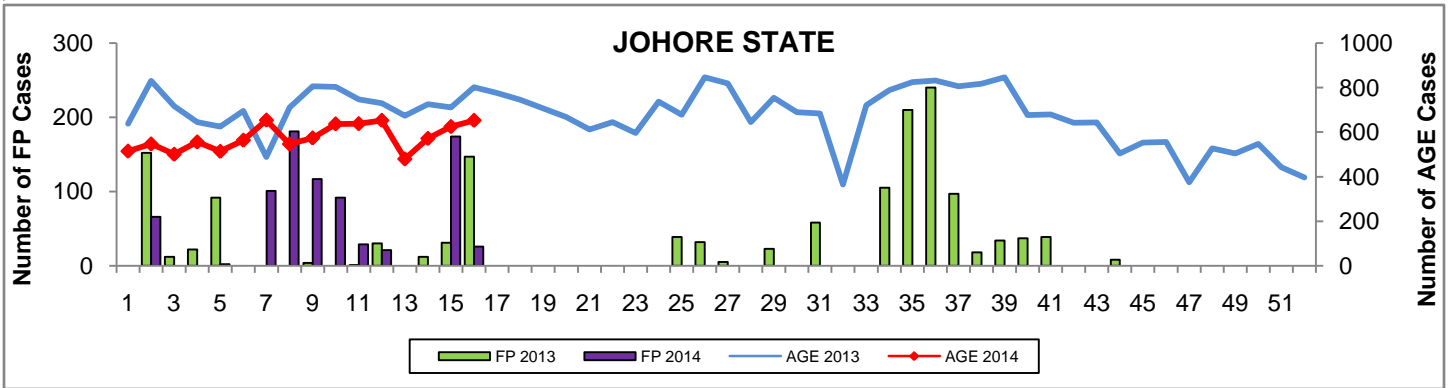
## NOTIFIABLE DISEASES FOR CURRENT WEEK BY DISTRICT, 2014, JOHORE STATE

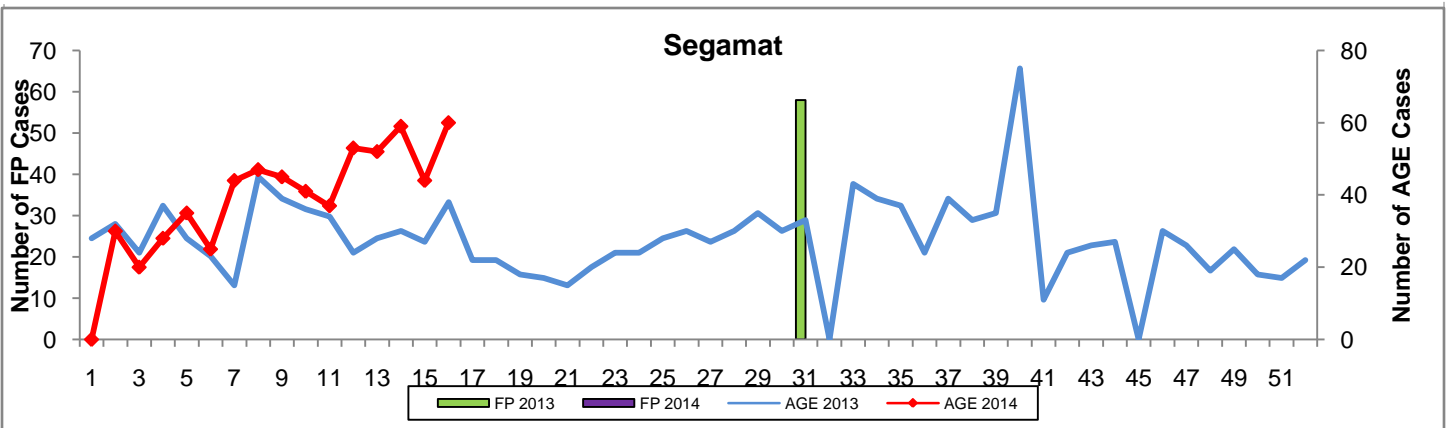
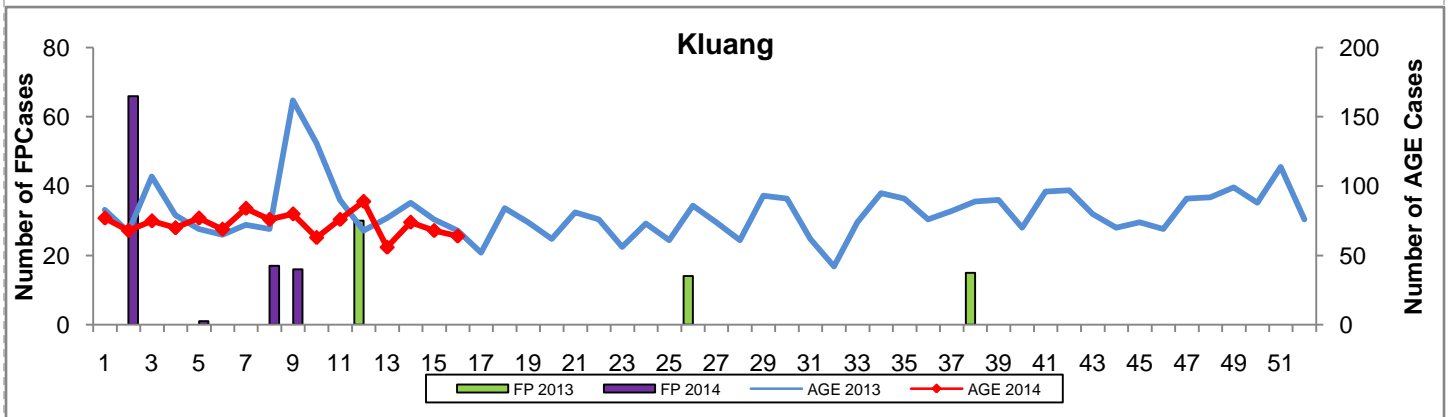
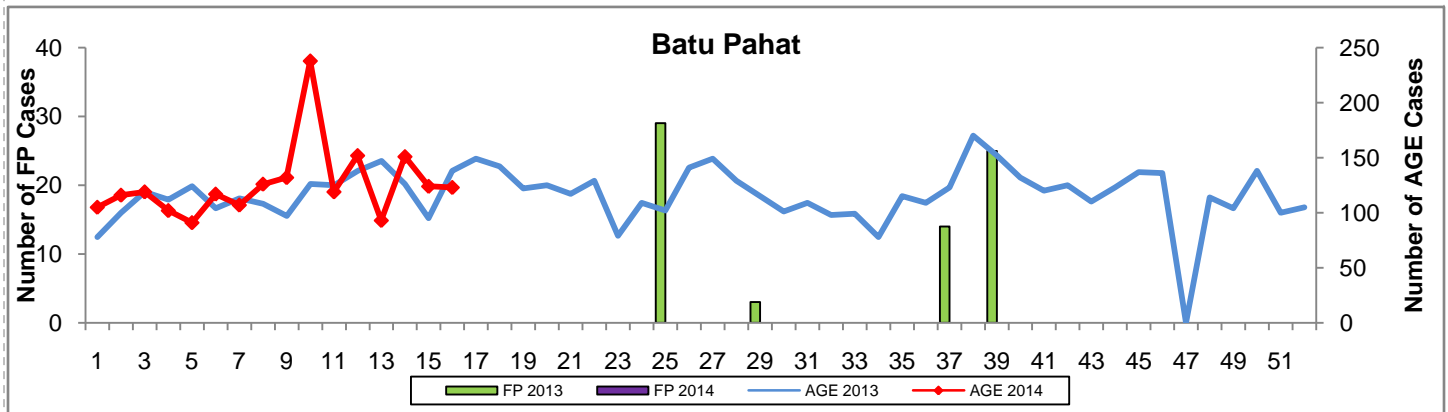
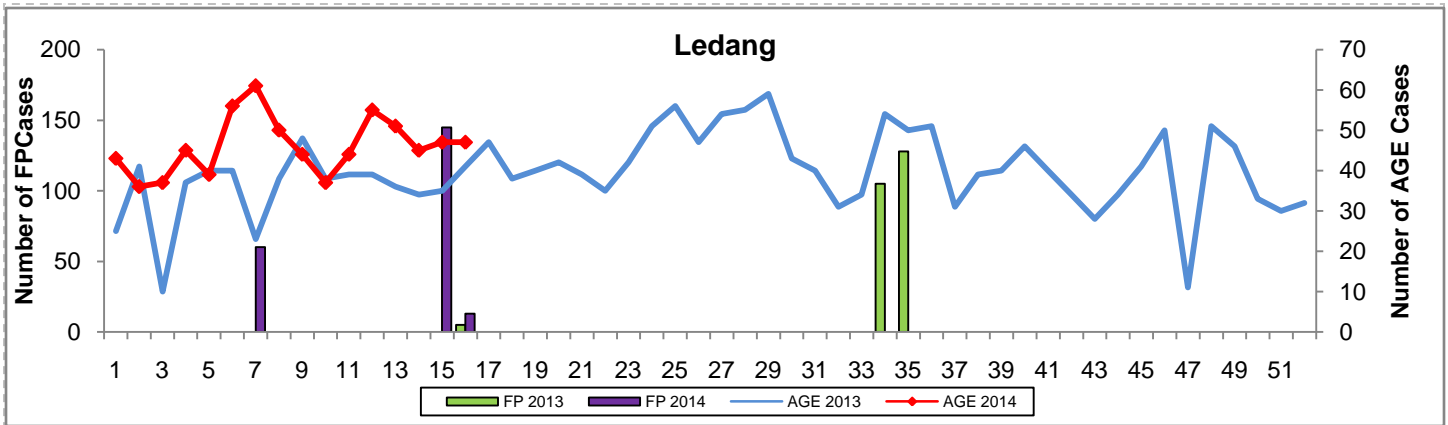
DISEASE	DISTRICT										
	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	STATE
1. HIV INFECTION (all forms)	10	3	1	0	0	6	0	0	2	0	22
HIV DEATH	0	0	0	0	0	1	0	0	0	0	1
2. CHANCROID	0	0	0	0	0	0	0	0	0	0	0
3. CHOLERA	0	0	0	0	0	0	0	0	0	0	0
4. DENGUE FEVER	39	7	1	1	10	5	1	1	0	1	66
DENGUE HAEMORRHAGIC FEVER	1	0	0	0	1	0	0	0	0	0	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)	0	0	1	1	0	0	0	0	0	0	2
FOOD POISONING (case)	0	0	13	13	0	0	0	0	0	0	26
9. GONOCOCCAL INFECTION (all forms)	0	0	0	0	1	0	0	0	0	0	1
10. LEPROSY	0	0	0	0	0	0	0	0	0	0	0
11. LEPTOSPIROSIS	0	0	0	0	0	0	0	0	0	0	0
12. MALARIA	0	0	1	0	0	0	0	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	12	7	4	4	5	10	0	7	6	0	55
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)	0	0	0	0	0	0	0	0	0	0	0
22. TETANUS (Neonatorum / Adult)	0	0	0	0	0	0	0	0	0	0	0
23. TUBERCULOSIS (all forms)	17	0	5	0	11	4	3	2	5	1	48
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	1	0	0	0	0	0	0	0	1
c) Hepatitis C	0	0	0	0	0	0	0	0	0	0	0
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)	11	18	6	8	12	0	0	39	55	2	151
b) Acute Gastroenteritis (AGE)	125	8	45	47	123	64	60	40	98	43	653
c) Fever <38°C	566	150	1758	227	638	131	403	460	588	18	4939
d) Fever ≥38°C	7	9	180	42	263	108	53	24	148	8	842
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	2	0	4	6

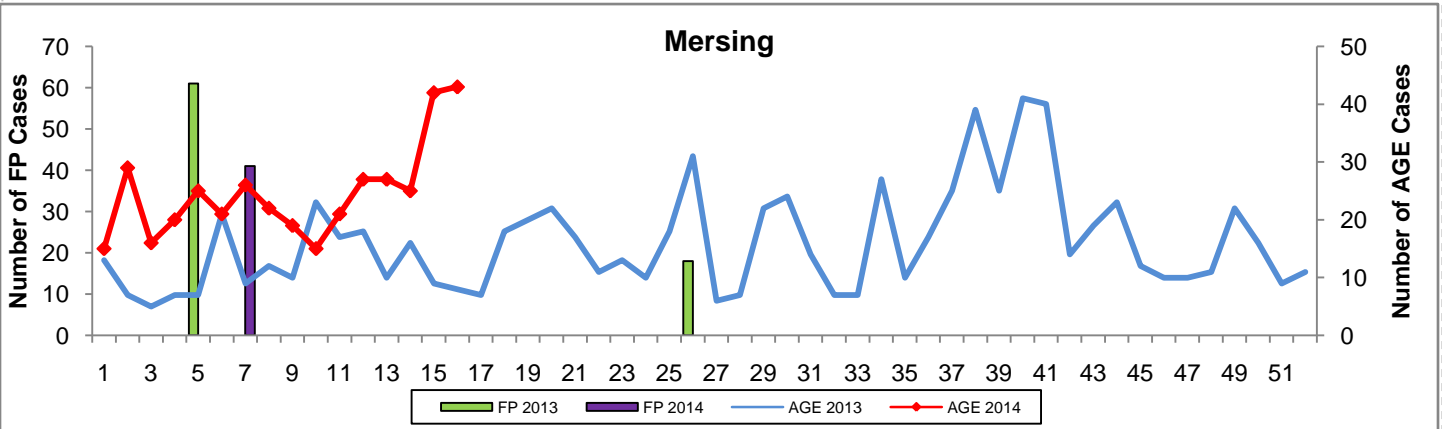
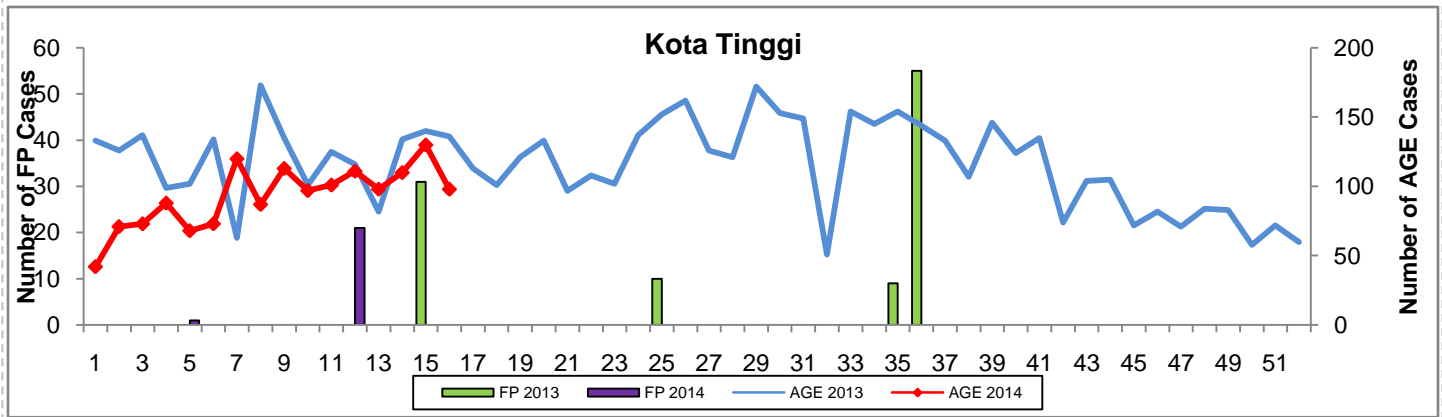
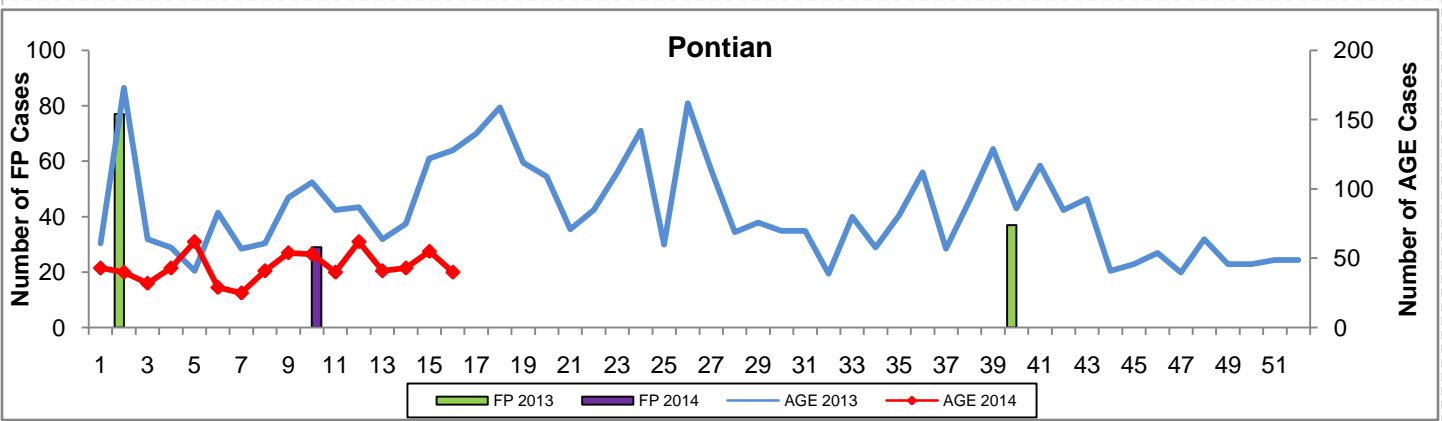
**NOTIFIABLE DISEASES FOR CURRENT WEEK CUMULATIVE, BY DISTRICT, 2014,  
JOHORE STATE**

DISEASE	DISTRICT											STATE
	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG		
1. HIV INFECTION (all forms)	78	14	6	1	4	7	1	11	11	5	<b>138</b>	
HIV DEATH	0	0	1	0	1	4	0	0	0	3	<b>9</b>	
2. CHANCROID	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
3. CHOLERA	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
4. DENGUE FEVER	943(3)	149	28	26	224(1)	195(1)	34(1)	43	59(1)	15	<b>1716(7)</b>	
DENGUE HAEMORRHAGIC FEVER	10(5)	0	0	0	4	0	0	0	0	0	<b>14(5)</b>	
5. DIPHTHERIA	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
6. DYSENTERY (all types)	1	0	0	0	0	0	0	0	0	0	<b>1</b>	
7. EBOLA	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
8. FOOD POISONING (episode)	4	1	3	4	0	5	0	1	2	1	<b>21</b>	
FOOD POISONING (case)	222	5	177	208	0	170	0	29	56	41	<b>908</b>	
9. GONOCOCCAL INFECTION (all forms)	8	1	1	0	8	3	2	1	0	0	<b>24</b>	
10. LEPROSY	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
11. LEPTOSPIROSIS	19	0	5	6	6	1	1	2	4	0	<b>44</b>	
12. MALARIA	0	1	2	0	0	1	1	0	0	1	<b>6</b>	
13. MEASLES	2	0	0	0	2	0	2	0	0	0	<b>6</b>	
14. MELIOIDOSIS	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
15. HAND, FOOT AND MOUTH DISEASE	261	56	70	107	87	55	22	31	25	24	<b>738</b>	
16. INFLUENZA A (H1N1)	2	0	1	0	0	0	0	1	0	0	<b>4</b>	
17. PLAGUE	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
18. ACUTE POLIOMYELITIS	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
19. RABIES	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
20. RELAPSING FEVER	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
21. SYPHILIS (all forms)	22	1	0	3	2	1	1	0	2	0	<b>32</b>	
22. TETANUS (Neonatorum / Adult)	0	1	0	0	0	0	0	1	0	0	<b>2</b>	
23. TUBERCULOSIS (all forms)	289	46	54	14	84	52	32	39	55	11	<b>676</b>	
TUBERCULOSIS DEATH	0	0	0	1	0	3	0	0	0	0	<b>4</b>	
24. TYPHOID & PARATYPHOID FEVER	2	1	1	1	1	1	0	0	0	0	<b>7</b>	
25. TYPHUS & OTHER RECKETTSIOSES	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
26. VIRAL ENCEPHALITIS	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
27. VIRAL HEPATITIS												
a) Hepatitis A	0	0	0	0	2	0	0	0	0	0	<b>2</b>	
b) Hepatitis B	6	2	8	11	3	3	1	2	6	0	<b>42</b>	
c) Hepatitis C	8	0	2	3	4	12	5	1	1	0	<b>36</b>	
d) Other Hepatitis	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
28. WHOOPING COUGH	0	0	1	0	0	0	0	0	0	0	<b>1</b>	
29. YELLOW FEVER	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
30. SURVEILLANCE												
a) Influenza-Like Illness (ILI)	414	239	92	143	197	12	15	455	695	9	<b>2271</b>	
b) Acute Gastroenteritis (AGE)	1546	149	428	737	1791	1166	655	703	1480	393	<b>9048</b>	
c) Fever <38°C	9994	2119	24883	3578	9684	2090	9954	9301	9685	833	<b>82121</b>	
d) Fever ≥38°C	277	102	2329	1112	4089	1644	1730	470	2710	279	<b>14742</b>	
31. CARBAPENAM RESISTANT ENTEROBACTERIACEA (CRE)	0	0	0	0	0	0	0	0	0	0	<b>0</b>	
32. FILARIASIS	0	0	0	0	0	0	0	2	1	6	<b>9</b>	

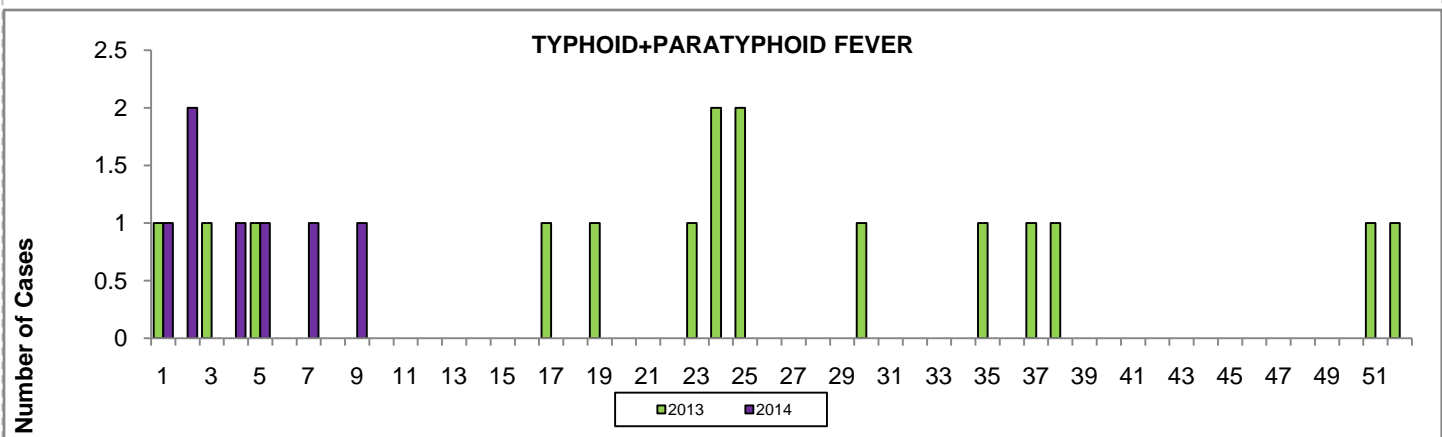
**WEEKLY INCIDENCE OF FOOD POISONING, 2013—2014**



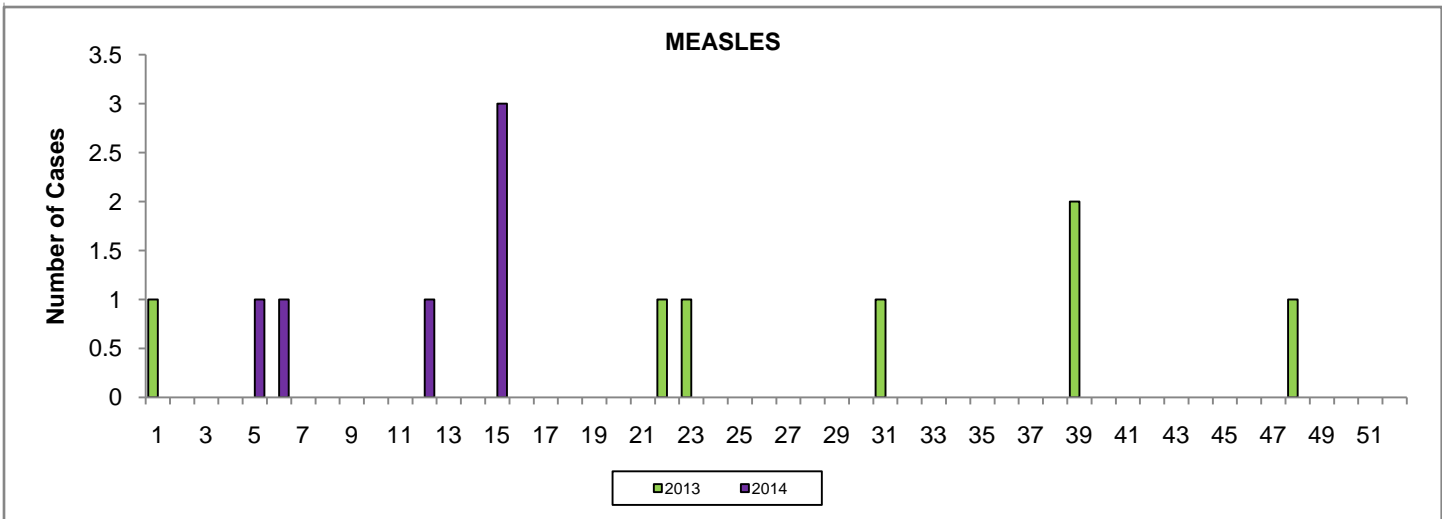
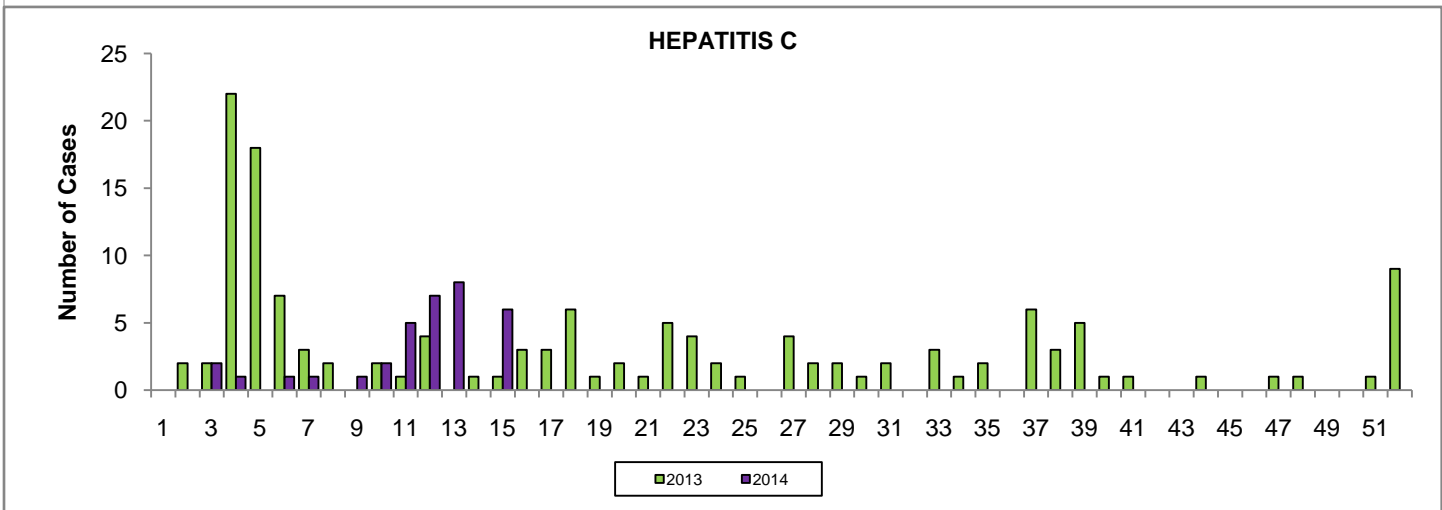
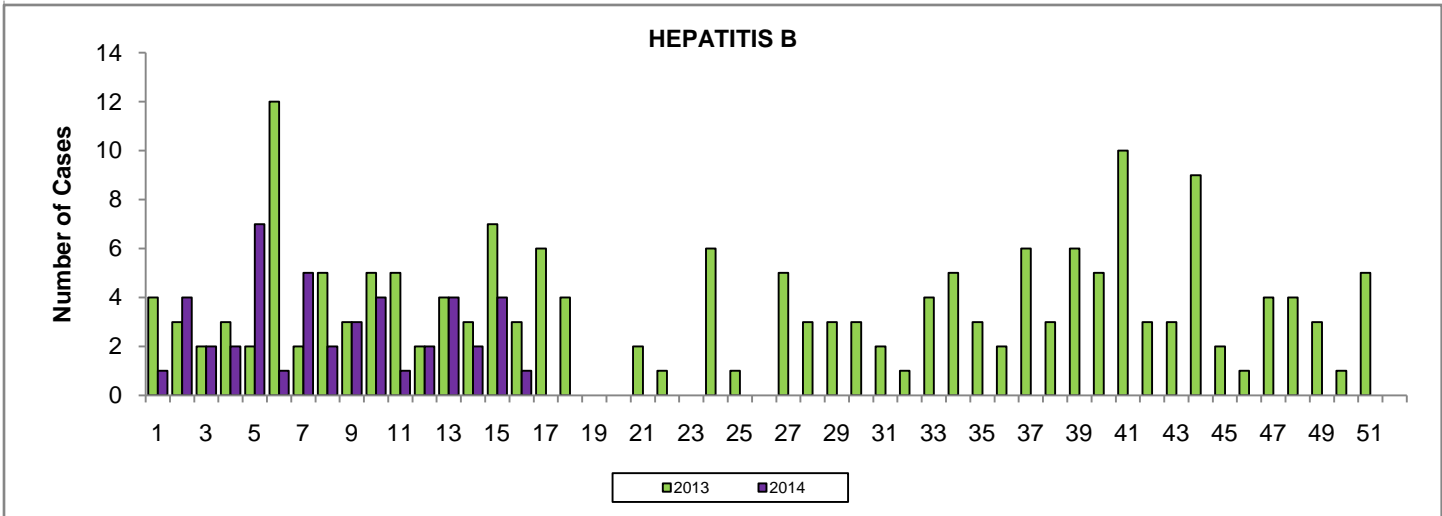




## WEEKLY INCIDENCE OF OTHER FOOD WATERBORNE DISEASES, 2013—2014



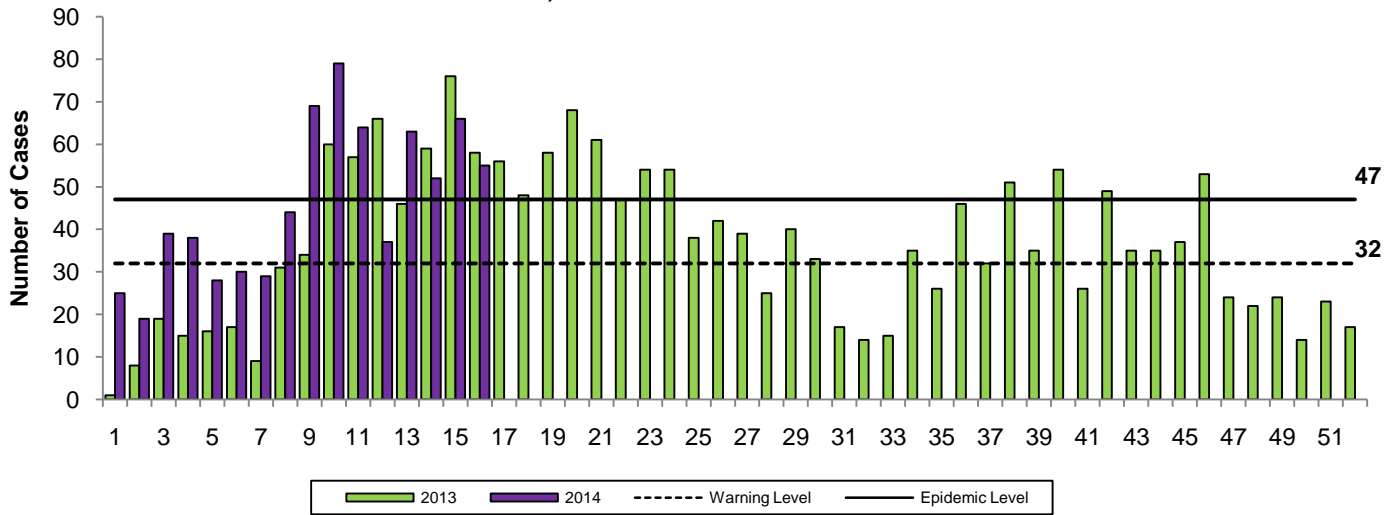
**WEEKLY INCIDENCE OF VACCINE PREVENTABLE DISEASES, 2012—2013**



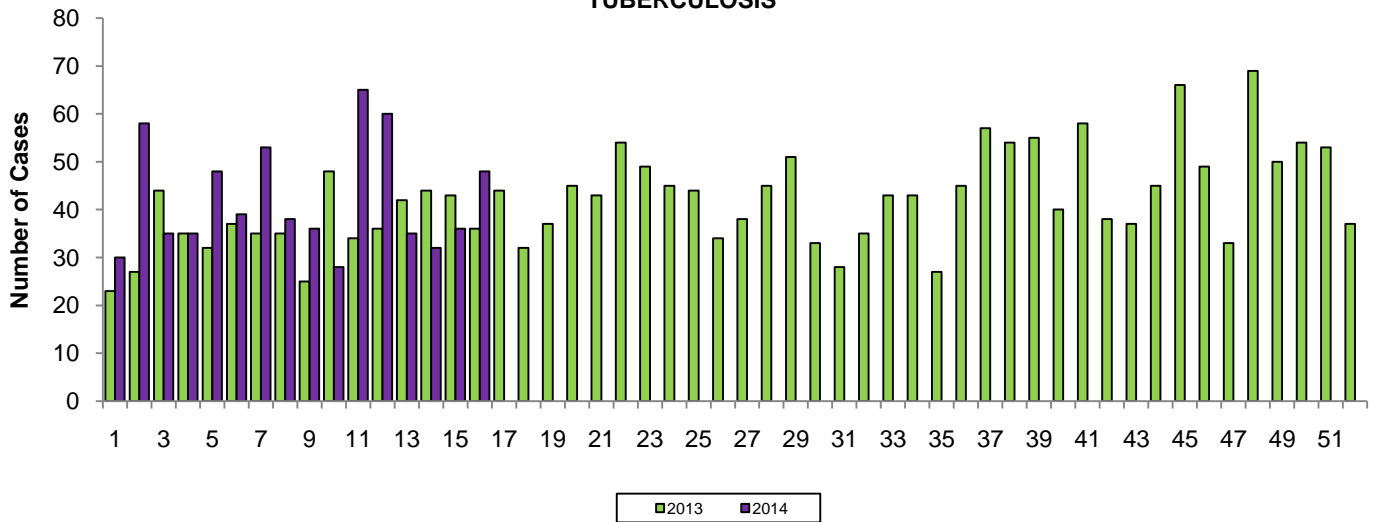


**WEEKLY INCIDENCE OF AIR/DROPLET BORNE DISEASES, 2013—2014**

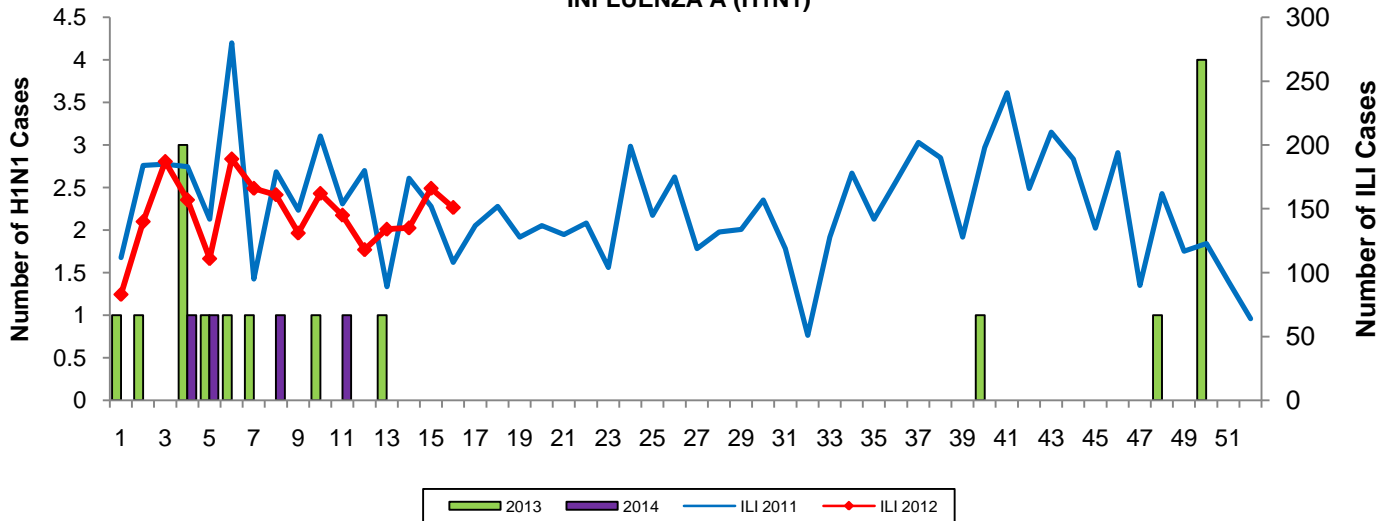
**HAND , FOOT AND MOUTH DISEASE**



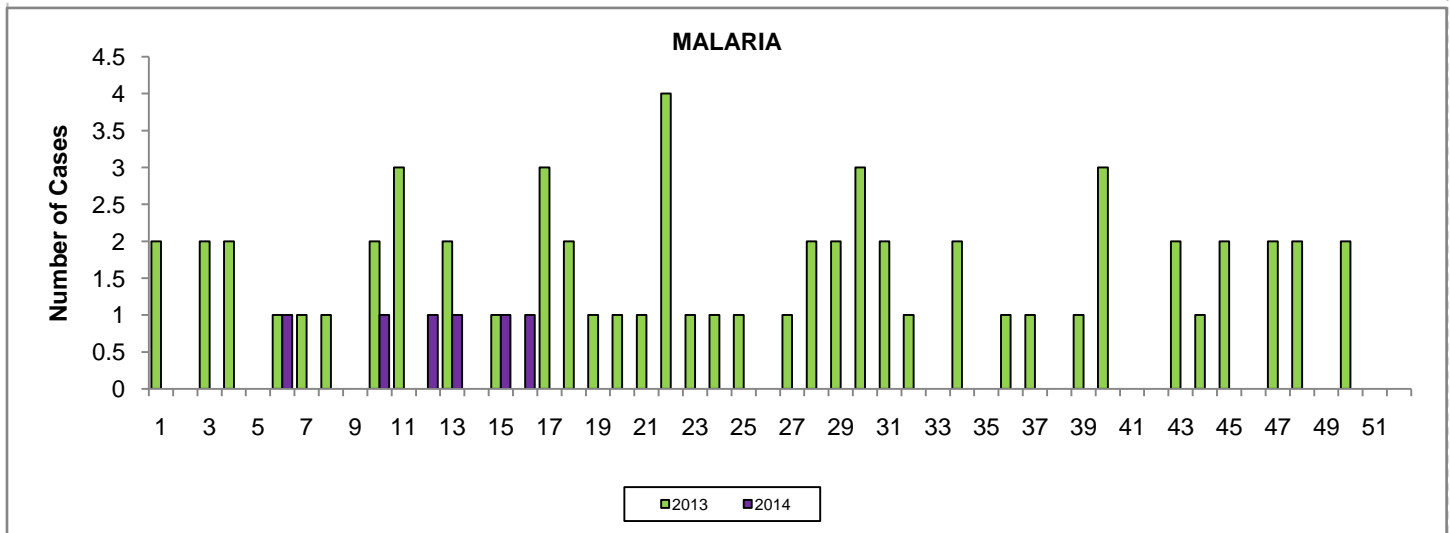
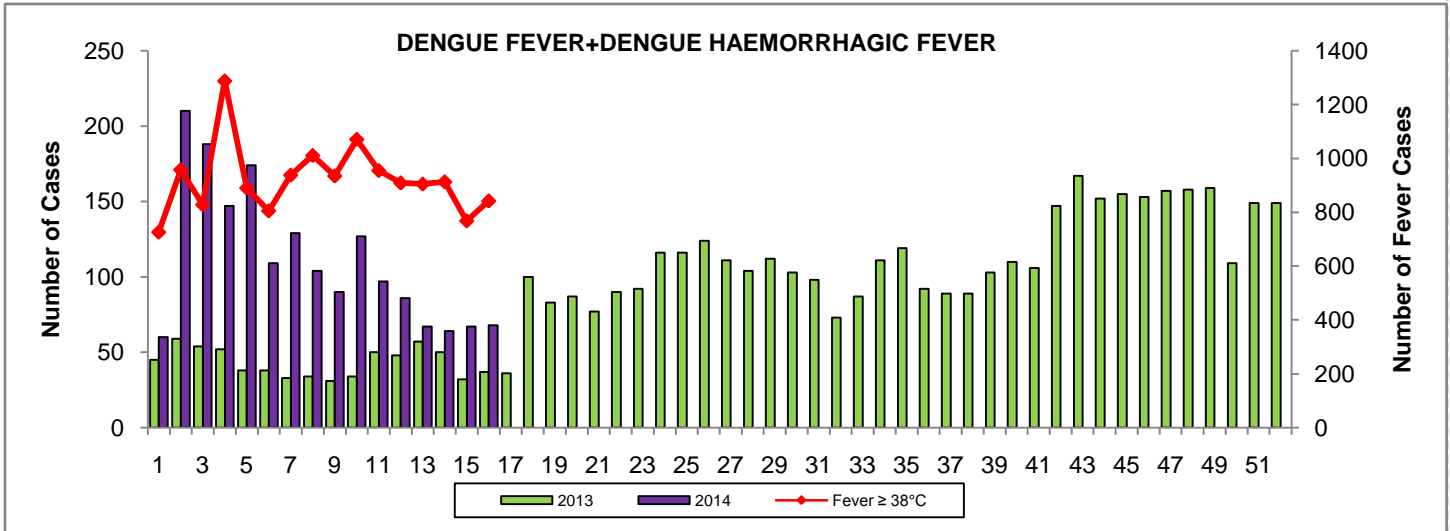
**TUBERCULOSIS**



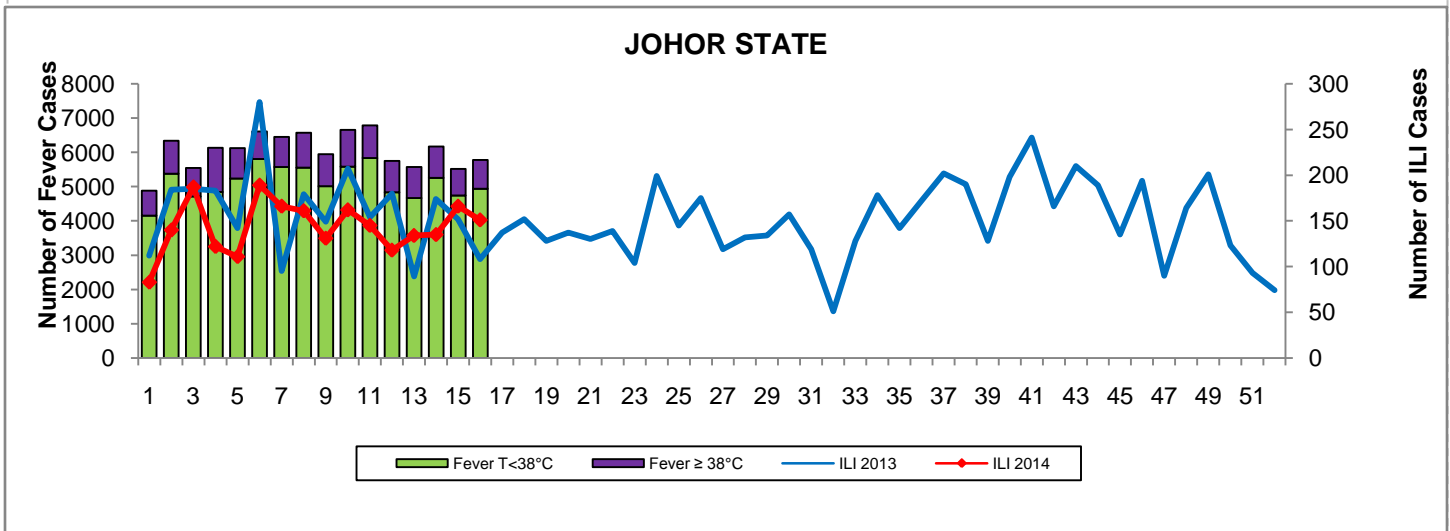
**INFLUENZA A (H1N1)**

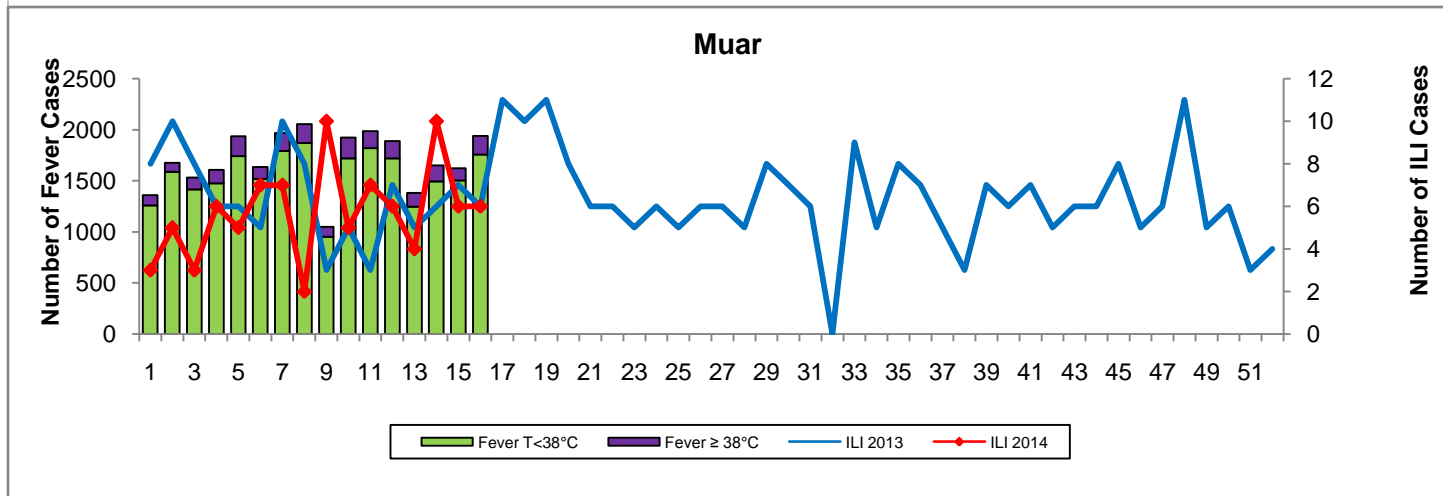
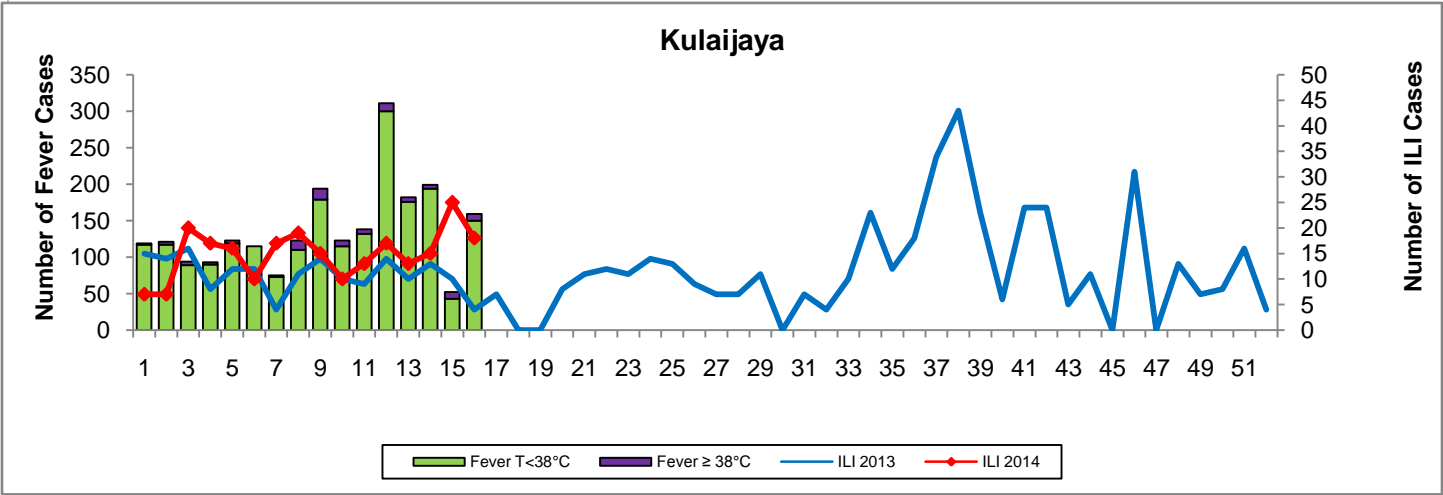
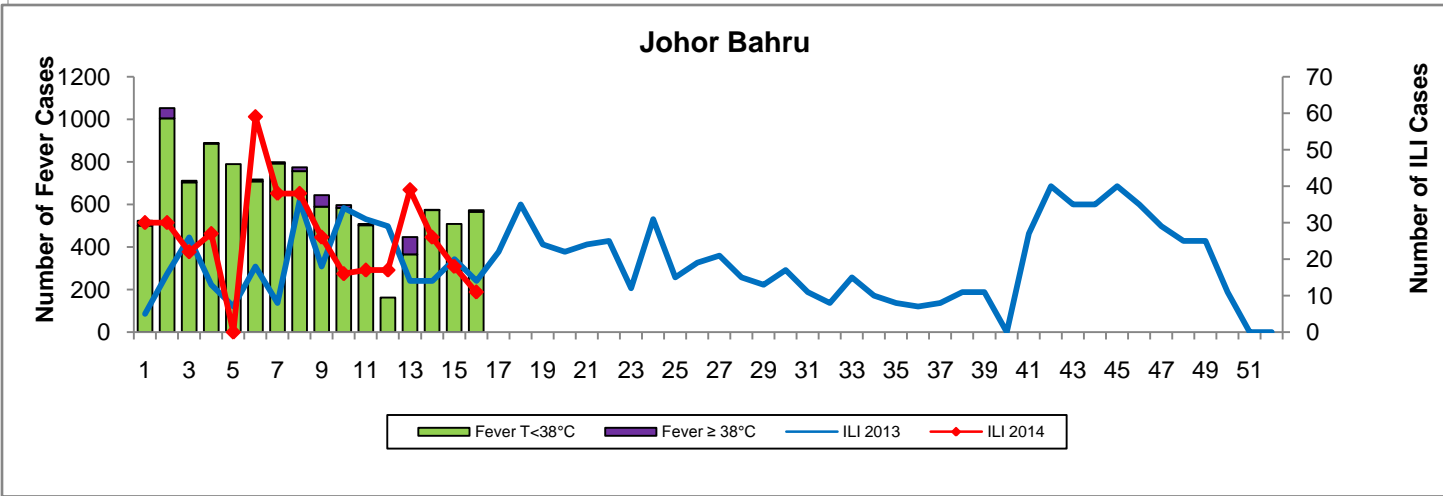


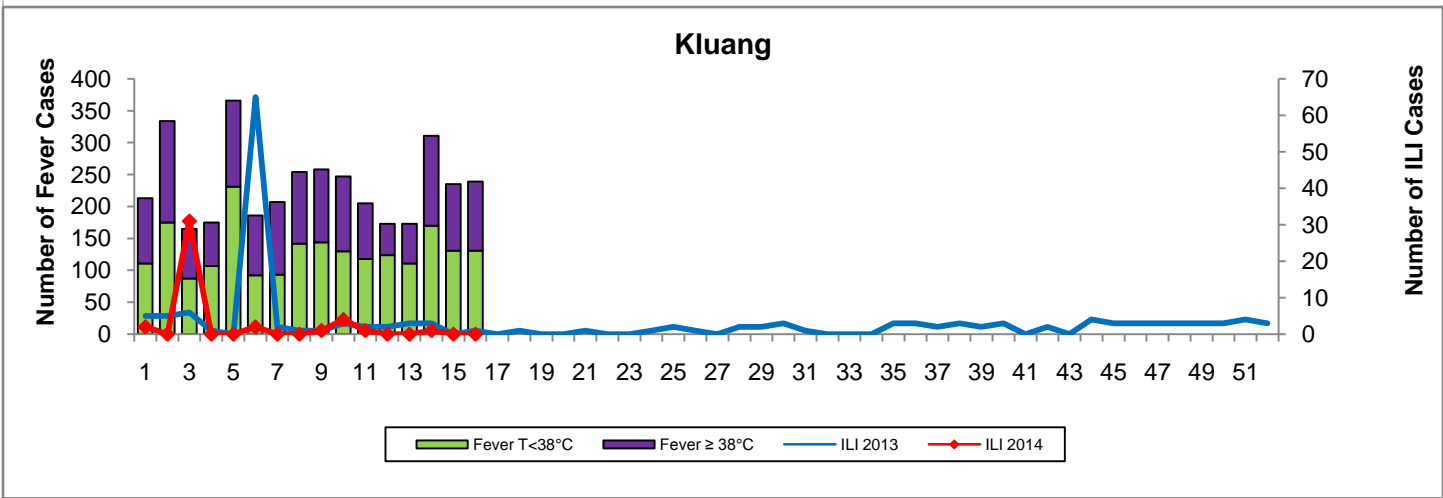
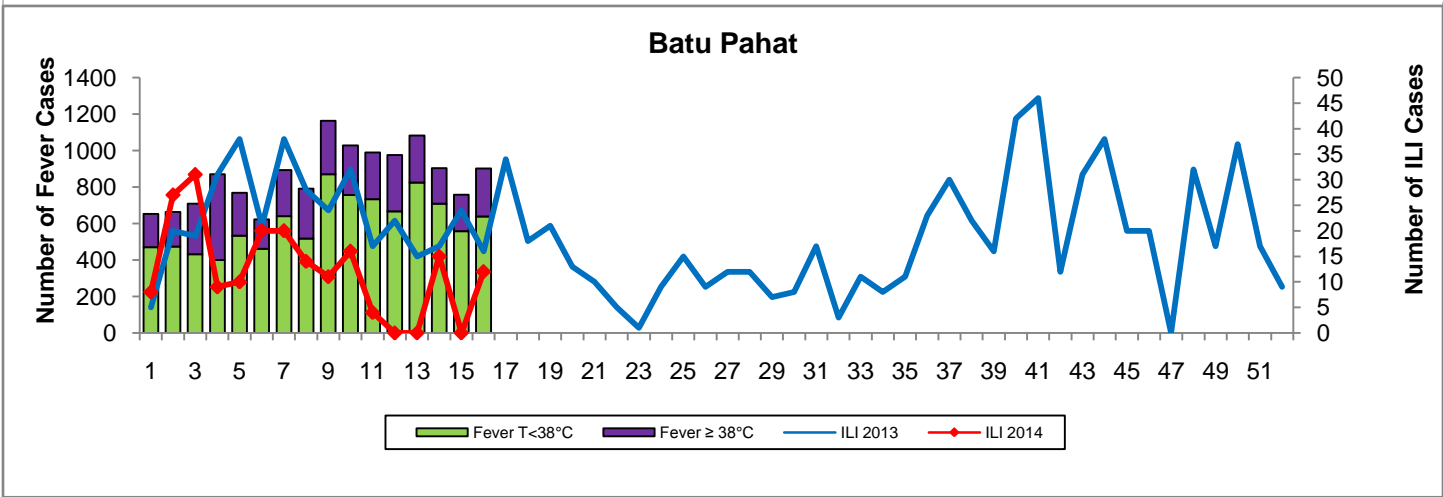
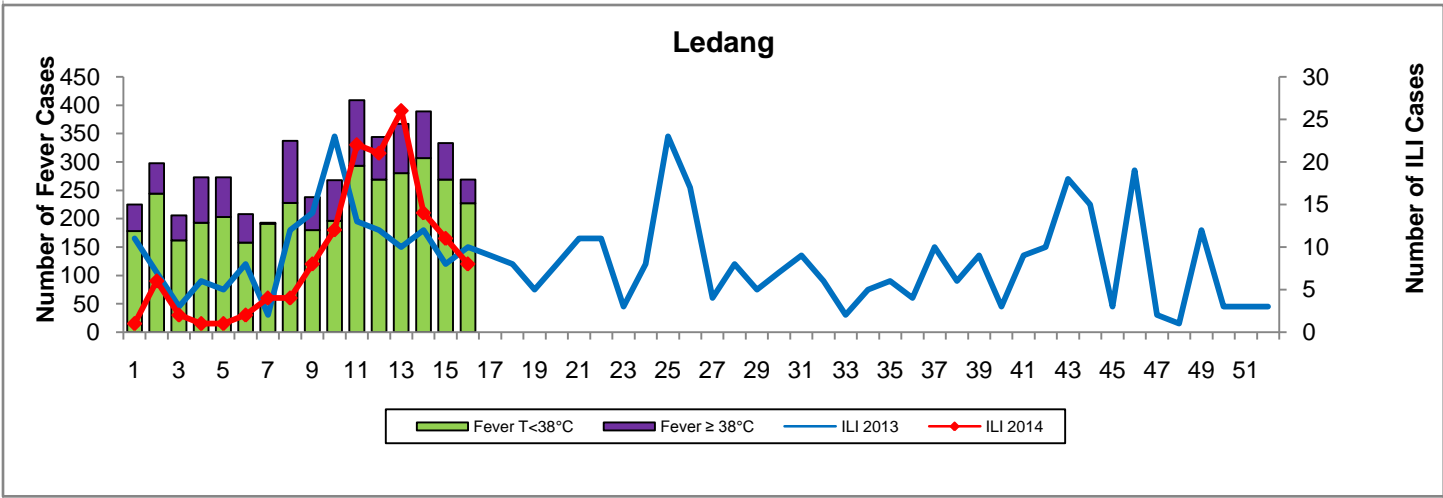
**WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2013—2014**

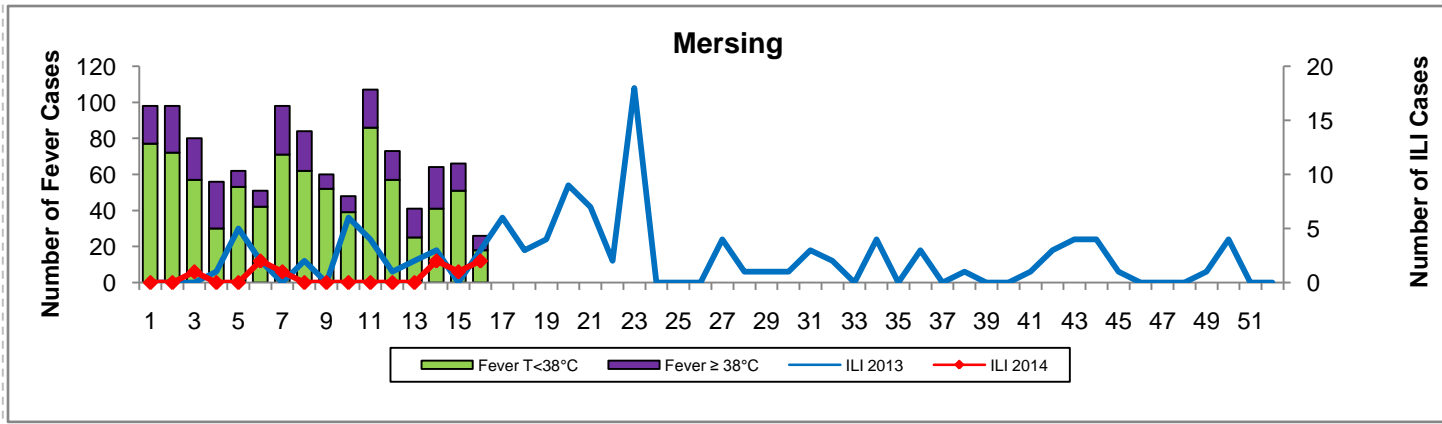
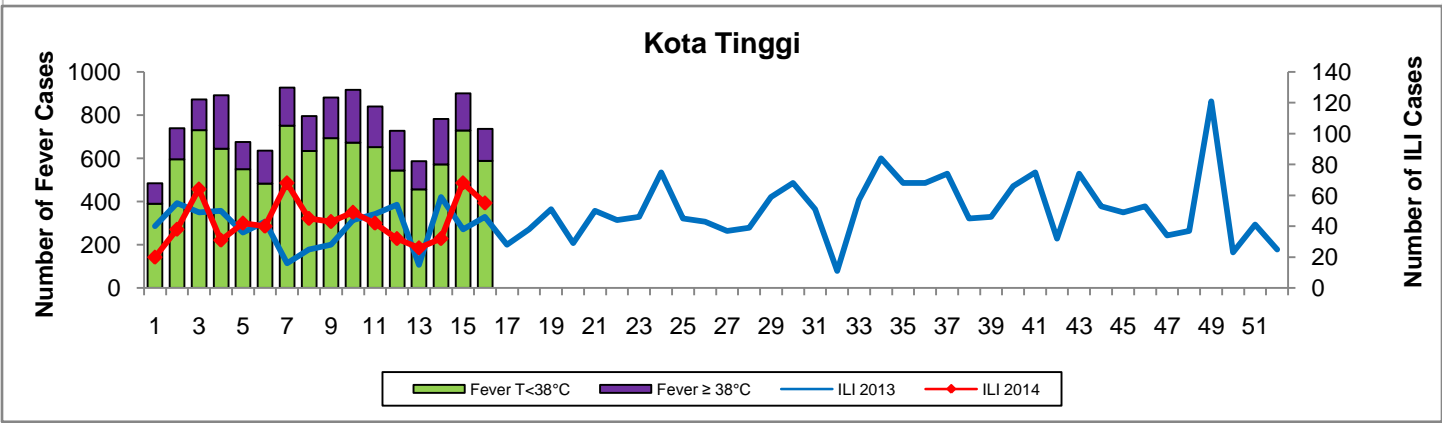
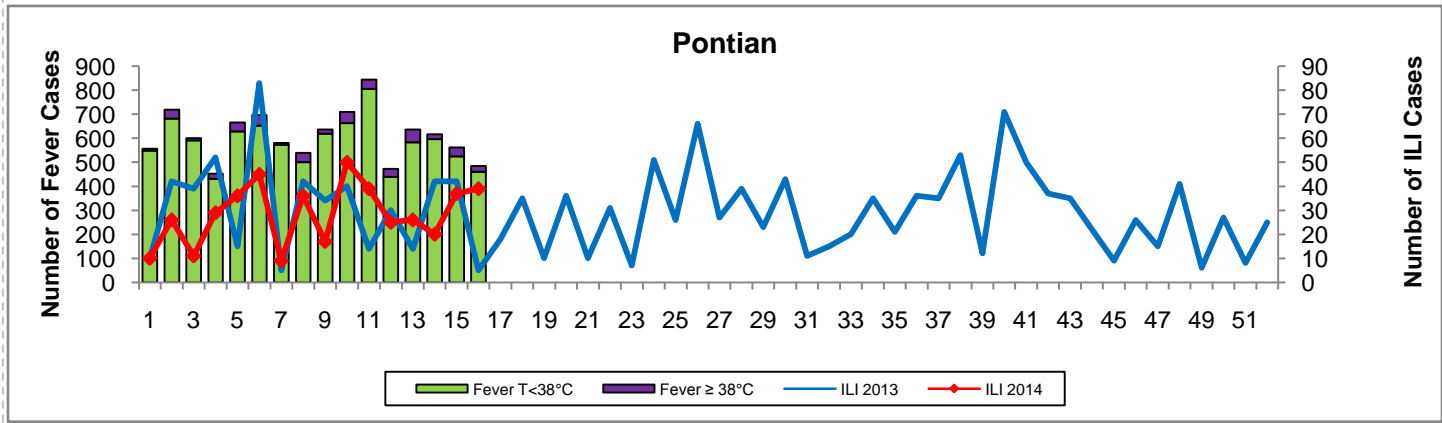
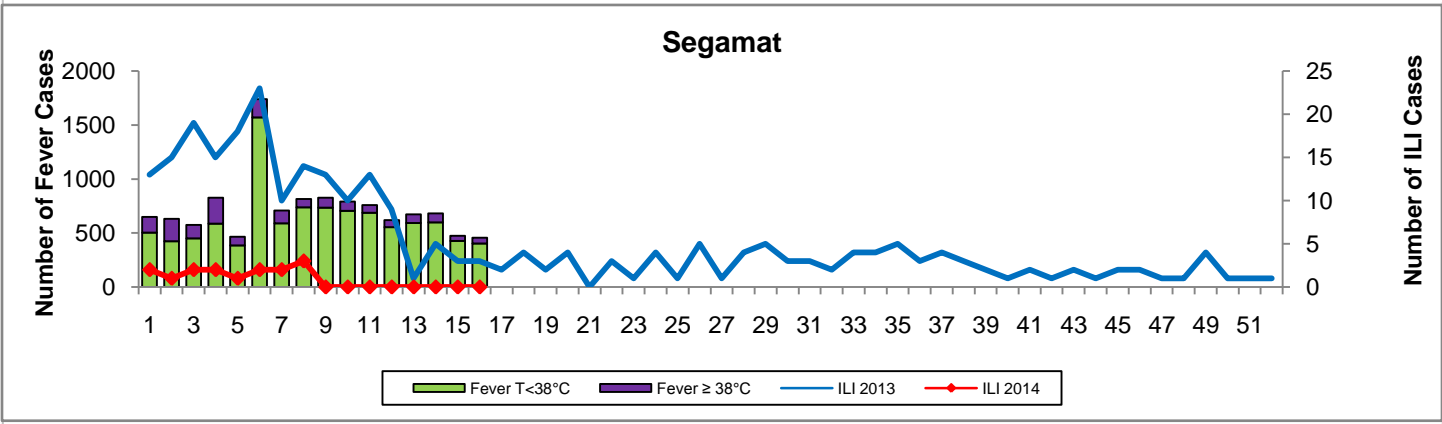


**WEEKLY INCIDENCE OF FEVER & ILI SURVEILLANCE, 2014**









**NOTIFICATION OF COMMUNICABLE DISEASES OF FOMEMA CASES  
FOR EPID WEEK 15 BY DISTRICT, 2014, JOHORE STATE**

DISEASE	DISTRICT										
	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	STATE
1. TUBERCULOSIS (TB)- CXR	33	3	9	0	3	2	1	3	3	0	57
2. LEPROSY	0	0	0	0	0	0	0	0	0	0	0
3. HIV / AIDS	2	0	0	0	0	0	0	0	0	0	2
4. SYPHILIS	0	0	0	0	0	0	0	0	1	0	1
5. MALARIA	0	0	0	0	0	0	0	0	0	0	0
6. HEPATITIS B	8	1	3	0	1	0	0	0	1	0	14

**CUMULATIVE NOTIFICATION OF COMMUNICABLE DISEASES OF FOMEMA CASES  
UNTILL EPID WEEK 15 BY DISTRICT, 2014, JOHORE STATE**

DISEASE	DISTRICT										
	JB	KJ	MR	LG	BP	KG	ST	PN	KT	MG	STATE
1. TUBERCULOSIS (TB)- CXR	580	83	110	3	67	108	39	24	38	2	1054
2. LEPROSY	0	1	0	0	0	0	0	0	0	0	1
3. HIV / AIDS	15	1	1	0	2	0	0	0	1	0	20
4. SYPHILIS	59	6	9	1	13	14	4	4	3	0	113
5. MALARIA	1	0	0	0	0	0	0	0	0	0	1
6. HEPATITIS B	107	17	24	2	18	19	32	11	24	0	254

*Note: The above cases based on clinic address in FOMEMA website report.*

**JOHOR BAHRU PUBLIC HEALTH LABORATORY**  
**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	14	9	663	144	14	7	669	111	14	5	620	78
2 HSI, JB	6	2	62	40	3	2	55	40	3	1	30	16
3 HPSF, Muar	1	0	83	6	1	0	76	3	0	0	57	1
4 Hospital Kluang	0	4	10	14	0	4	4	14	0	1	2	7
5 KK Mahmoodiah, JB	6	26	89	192	6	25	82	150	6	10	40	76
6 KK Sultan Ismail, JB	2	4	12	28	5	5	13	26	5	5	11	19
7 KK Pasir Gudang, JB	1	4	30	58	1	4	26	53	1	4	19	17
8 KK Mengkibol, Kluang	0	11	13	48	0	2	8	28	0	0	6	2
9 KK Batu Pahat	0	2	70	32	0	1	66	21	0	0	45	3

**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>	6	17	282	190	0	0	0	0
2 <i>Salmonella spp. (other than S. typhi)</i>	6	17	282	190	0	0	0	20
3 <i>Vibrio cholerae</i>	6	17	282	190	0	0	0	0
4 <i>Vibrio spp. (other than V. cholerae)</i>	6	17	282	190	0	0	0	0
5 <i>Enteropathogenic E.coli (EPEC)</i>	6	17	282	190	0	0	0	0
6 <i>Enterohaemorrhagic E.coli (EHEC)</i>	6	17	282	190	0	0	0	0
7 <i>Shigella spp.</i>	6	17	282	190	0	0	0	0
8 <i>Bacillus cereus (positive enterotoxin)</i>	6	17	282	190	0	0	1	1
9 <i>Staphylococcus aureus (positive enterotoxin)</i>	6	17	282	190	0	0	2	10
10 <i>Campylobacter</i>	6	17	282	190	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>	58	68	952	723	0	0	0	0
2 <i>Haemophilus influenzae</i>	58	68	952	723	0	1	15	19
3 <i>Klebsiella pneumoniae</i>	58	68	952	723	3	3	43	45
4 <i>Pseudomonas aeruginosa</i>	58	68	952	723	0	0	3	9
5 <i>Streptococcus pneumoniae</i>	58	68	952	723	2	0	3	2
6 <i>Streptococcus species</i>	58	68	952	723	4	0	10	0
7 <i>Staphylococcus aureus</i>	58	68	952	723	0	8	4	14
8 <i>Enterobacter species</i>	58	68	952	723	0	0	2	5
9 <i>Burkholderia pseudomallei</i>	58	68	952	723	0	0	0	0
10 <i>Bordetella pertussis</i>	58	68	952	723	0	0	0	0
11 <i>Acinetobacter baumannii</i>	58	68	952	723	0	0	0	0
12 <i>Carbapenam Resistant Enterobacteriaceae (CRE)</i>	58	68	952	723	0	0	0	0
13 <i>Methicillin Resistant Staphylococcus Aureus (MRSA)</i>	58	68	952	723	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	0	0	0	0	0	0	0	0	0
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>	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>	2	0	0	0	0	0	0	0	0	0	2
6 <i>Streptococcus species</i>	4	0	0	0	0	0	0	0	0	0	4
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, 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>	15	0	0	0	0	0	0	0	0	0	15
3 <i>Klebsiella pneumoniae</i>	44	0	0	0	0	0	0	0	0	0	44
4 <i>Pseudomonas aeruginosa</i>	3	0	0	0	0	0	0	0	0	0	3
5 <i>Streptococcus pneumoniae</i>	3	0	0	0	0	0	0	0	0	0	3
6 <i>Streptococcus species</i>	10	0	0	0	0	0	0	0	0	0	10
7 <i>Staphylococcus aureus</i>	3	0	0	0	0	1	0	0	0	0	4
8 <i>Enterobacter species</i>	2	0	0	0	0	0	0	0	0	0	2
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



### Middle East Respiratory Syndrome Coronavirus (MERS-CoV)

A 54 years old, male known case of diabetic on medication, recently returned from his umrah trip from Saudi Arabia on 29 March 2014. The case first sought treatment at a private clinic, Klinik Wakaf Annur, Batu Pahat on 7 April 2014, after feeling unwell since 4 April 2014. He was found to have a high blood glucose level. On 9 April 2014, the case presented to the emergency department of Hospital Sultanah Nora Ismail (HSNI), Batu Pahat complaining of cough, fever, shortness of breath with radiographic evidence of pneumonia. He was subsequently admitted to an isolation room and treated for Community Acquired Pneumonia to rule out MERS-CoV. As bacteriological investigation was negative, he was started on antiviral treatment. On 10 April 2014, he was intubated due to worsening of his condition. The case developed multi-organ failure and his condition further deteriorated. He passed away on 13 April 2014 at 9.57am. Preliminary result for MERS-CoV by PCR from the Malacca hospital laboratory was positive on the 14 April 2014 and was further confirmed by Institute for Medical Research (IMR), Kuala Lumpur on 15 April 2014. Partial sequencing of N and RdRp genes confirmed it as MERS-CoV. Diagnosis of death is Severe Pneumonia Secondary to MERS-CoV infection.

### Influenza B

An almost 2-week long influenza-like illness (ILI) nosocomial transmission among health care workers (HCWs) and patients at C & D Carnation Wards, Hospital Permai, Johor Bahru was reported to the State Epidemiologist (CDC) on 17/4/2014. Following notification to Johor Bahru Health Office, 12 public health inspectors from the health office and 8 paramedics from Klinik Kesihatan Mahmoodiah were deployed to the scene to execute control measures, institute treatment and take clinical samples. Six of them were referred and admitted to Hospital Sultanah Aminah Johor Bahru (HSAJB). Three out of 5 in-patient throat swab samples from HSAJB and 8 out of 15 samples among cases isolated at Hospital Permai were positive for Influenza B.

### Chlorox Poisoning

On 17/4/2014, Hospital Sultan Ismail Johor Bahru (HSIJB) notified four cases of chlorox poisoning to Johor Bahru Health Office. All the four pupils from Sekolah Kebangsaan Masai, Pasir Gudang, Johor Bahru presented with sorethroat, nausea and vomiting merely 20 minutes after drinking plain water with strong chlorox scent on 16/4/2014 afternoon. Field investigation revealed that the canteen worker gave the water to the pupils using uncleaned jar which was previously dipped in chlorox solution. Chlorox mainly consists of water, sodium hypochlorite, sodium chlorine, sodium carbonate and sodium hydroxide. All of them were admitted to HSIJB for less than 24 hours and discharged *well*.

### Food Poisoning

On 16/4/2014, Muar Health Office received food poisoning notification from Klinik Kesihatan Parit Yusof. Thirteen out of 20 males students from Sekolah Menengah Agama (SMA) Ad-Diniah presented with nausea (100%), headache (84.6%), abdominal ache (76.9%), vomiting (69.2%), abdominal cramp (30.8%) and diarrhoea (23.0%) after eating smelly shrimp paste served during lunch at the school at 1.00 pm on 15/4/2014. The first onset appeared at 4.00 pm the same day. The foodhandler was found using old stock of shrimps kept in refrigerator.

In Ledang, four families consist of 13 people suffered food poisoning after eating satay at the same Wak Buang stall on the night of 16/4/2014. They presented with stomach ache (100%), diarrhoea (100%), vomiting (31.0%) and nausea (15.0%) with incubation period of between 1.0 – 10.5 hours. Some of the victims claimed that the satay were already spoilt when served. Nine of them were treated as outpatients at Klinik Kesihatan Gersik (4 cases), Hospital Tangkak (3 cases) and a private clinic, Klinik Elizabeth (2 cases). The stall was issued with closure order under the Prevention and Control of Infectious Disease Act (Act 342) pending further health checks.

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

On 15/4/2014, one HFMD cluster was detected at Taska Kembara Intelek, Kluang after two HFMD notifications were reported to Kluang Health Office. Three more HFMD cases were found during active case searches. An index case had the onset on 10/4/2014. Temporary closure order of the kindergarten for 10 days had been issued to allow disinfection measures to take place in order to break the disease transmission. Clinical specimens were sent to Makmal Kesihatan Awam Kebangsaan (MKAK), Sg. Buloh, Selangor for viral isolation.

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