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Published by the Communicable Diseases Division

# WEEKLY INFECTIOUS DISEASE BULLETIN

EPIDEMIOLOGICAL WEEK 13 23 - 29 Mar 2014

	E Week 13		Cumulative first		13 Weeks	
			Median			Median
	2014*	2013	2009 -2013	2014	2013	2009 -2013
FOOD/WATER-BORNE DISEASES	<u> </u>					
Campylobacteriosis	10	1	7	109	99	94
Cholera	0	0	0	0	0	0
Paratyphoid	0	0	0	6	9	10
Poliomyelitis	0	0	0	0	0	0
Salmonellosis (non-enteric fevers)	42	22	22	384	359	359
Typhoid	2	4	2	20	26	24
Viral Hepatitis A	1	5	1	28	26	20
Viral Hepatitis E	1	1	2	10	19	23
VECTOR-BORNE DISEASES	•		•	•		
Chikungunya Fever	1	3	0	142	28	17
Dengue Fever	225	312	69	3776	3413	1077
Dengue Haemorrhagic Fever	0	2	0	6	18	9
Malaria	3	1	4	11	11	24
Nipah virus infection	0	0	0	0	0	0
Plague	0	0	0	0	0	0
Yellow Fever	0	0	0	0	0	0
AIR/DROPLET-BORNE DISEASES	<u> </u>					
Avian Influenza	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0
Encephalitis	0	0	0	11	12	10
Haemophilus influenzae type b	0	0	0	3	1	0
Hand, Foot And Mouth Disease	312	350	510	4190	3509	4925
Legionellosis	2	0	0	9	5	6
Measles	2	0	0	77	1	17
Melioidosis	0	2	2	4	12	9
Meningococcal Disease	1	0	0	3	1	1
Mumps	18	9	15	136	131	150
Pertussis	0	0	0	2	4	5
Pneumococcal Disease (invasive)	2	8	2	34	40	40
Rubella	3	1	2	7	13	28
Severe acute respiratory syndrome	0	0	0	0	0	0
OTHER DISEASES	<u> </u>	<del>-</del>				
Viral hepatitis B	3	4	1 1	14	11	14
Viral hepatitis C	2	0	0	3	0	1
POLYCLINIC ATTENDANCES - AVER	RAGE DAILY N	IUMBER***				<u> </u>
Acute upper respiratory infections	2198	2343	2742			
Acute conjunctivitis	83	118	118			
Acute Diarrhoea	452	456	456			
Chickenpox	15	18	NA	ļ		
HIV/STI/TB NOTIFICATIONS	2014	Feb	1,	Cumulative 2014		
HIV/AIDS	38		† †	79		
Legally Notifiable STIs**	53		† †	104		
	125		† †	263		
Tuberculosis		5 stion is evallable		263	ס	

<sup>\*</sup> Preliminary figures, subject to revision when more information is available.

<sup>\*\*</sup> Wef Jan 2010, reporting has changed from <u>all</u> types of STIs to <u>legally notifiable</u> STIs, which comprise gonorrhoea, non-gonococcal urethritis, syphilis (congenital, infectious, non-infectious), chlamydia and genital herpes (first episode and recurrent).

<sup>\*\*\*</sup> Wef E-week 6 of 2012, the no. of polyclinic attendances will be reflected on an average daily basis, instead of weekly basis, so as to take into account the number of working days in an E-week at the polyclinics for a more accurate representation of the underlying trends in the community.

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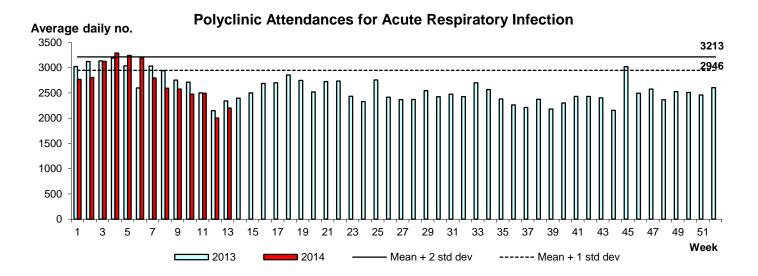
### SUMMARY OF INVESTIGATIONS, EPIDEMIOLOGICAL WEEK 13 23 - 29 Mar 2014

2014 Notification	Epider	Epidemiological Week 13 23 - 29 Mar 2014		Cumulative first		12 Weeks
FOOD/WATER-BORNE DISEASE	<u> </u>	23 - 29 Mar 2014				
FOOD/WATER-BORNE DISEASE	3	loop out od .	1 anaradia		Imported .	17 aparadia
Campylobacteriosis	10	Imported : Local :	1 sporadic	99	Imported : Local :	17 sporadic
	Pending Inve		8 sporadic	Pending Inv		82 sporadic
Cholera	rending inve	Imported :	sporadic	rending in	Imported :	sporadic
Onorda	0	Local :	sporadic	0	Local :	sporadic
	Pending Inve		Sporadic	Pending Inv		Sporadio
Paratyphoid		Imported :	sporadic		Imported :	6 sporadic
	0	Local :	sporadic	6	Local:	sporadic
	Pending Inve			Pending Investigation :		
Salmonellosis (non-enteric fevers)		Imported :	4 sporadic		Imported :	30 sporadic
	42	Local :	34 sporadic	342	Local :	312 sporadic
	Pending Inve	estigation : 4	·	Pending Inv	estigation:	·
Typhoid	2	Imported:	1 sporadic	18	Imported:	15 sporadic
		Local:	1 sporadic		Local:	3 sporadic
	Pending Inve	estigation :		Pending Inv	estigation:	
Viral Hepatitis A	1	Imported:	sporadic	27	Imported:	22 sporadic
	· ·	Local:	1 sporadic		Local:	5 sporadic
	Pending Inve	estigation :		Pending Inv	estigation:	
Viral Hepatitis E	1	Imported:	sporadic	9	Imported:	5 sporadic
·		Local:	sporadic		Local:	4 sporadic
	Pending Inve	estigation : 1		Pending Inv	estigation :	
VECTOR-BORNE DISEASES						
Chikungunya Fever	1	Imported:	sporadic	141	Imported:	20 sporadic
		Local:	1 sporadic		Local:	121 sporadic
	Pending Inve			Pending Inv	estigation :	
Dengue Fever	225	Active Clusters				
	225	http://www.	dengue.gov.sg	3551		
Dengue Haemorrhagic Fever		πιφ.//www.	derigue.gov.sg			
Derigue Haemornagic Fever				6		
•	0			6		
	0			6		
		Imported :	2 sporadic		Imported :	8 sporadic
Malaria Cara Malaria	3	Local:	2 sporadic sporadic	8	Imported : Local :	8 sporadic sporadic
Malaria	3 Pending Inve	Local:			Local :	
	3 Pending Inve	Local:		8	Local :	
Malaria AIR/DROPLET-BORNE DISEASE	3 Pending Inve	Local:		8 Pending Inv	Local :	
Malaria	3 Pending Inve	Local :  Imported : Local :	sporadic	8	Local : vestigation :	sporadic
Malaria AIR/DROPLET-BORNE DISEASE	3 Pending Inve	Local :  Imported : Local :	sporadic sporadic	8 Pending Inv	Local :  vestigation :  Imported :  Local :	sporadic 1 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE  Encephalitis	Pending Inve	Local :  Imported : Local :	sporadic sporadic	8 Pending Inv	Local :  vestigation :  Imported :  Local :	sporadic 1 sporadic
Malaria AIR/DROPLET-BORNE DISEASE	3 Pending Inve	Local :  Imported : Local : estigation :	sporadic sporadic sporadic	8 Pending Inv	Local :  Imported : Local :  vestigation :	sporadic  1 sporadic  10 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE  Encephalitis	Pending Inve	Local:  Imported: Local:  estigation: Imported: Local: Imported: Local:	sporadic sporadic 1 sporadic	8 Pending Inv	Local :  Imported : Local :  vestigation :  Imported : Local :  vestigation : Local :	1 sporadic 10 sporadic 3 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE  Encephalitis  Legionellosis	Pending Inve	Local:  Imported: Local:  estigation: Imported: Local: Imported: Local:	sporadic sporadic 1 sporadic	8 Pending Inv 11 Pending Inv 7 Pending Inv	Local :  Imported : Local :  vestigation :  Imported : Local :  vestigation : Local :	1 sporadic 10 sporadic 3 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE  Encephalitis	Pending Inve	Local:  Imported: Local:  estigation:  Imported: Local:  Local:  Imported: Local:  Imported: Local:  Local:	sporadic sporadic sporadic 1 sporadic 1 sporadic	8 Pending Inv 11 Pending Inv 7 Pending Inv 4	Local:  Imported: Local:  vestigation:  Imported: Local:  vestigation:  Imported: Local:  vestigation:  Imported: Local:	1 sporadic 10 sporadic 3 sporadic 4 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE  Encephalitis  Legionellosis  Melioidosis	Pending Inve	Local:  Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation:	sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic sporadic	8 Pending Inv 11 Pending Inv 7 Pending Inv	Local:  Imported: Local:  vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:	1 sporadic 10 sporadic 3 sporadic 4 sporadic sporadic 4 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE  Encephalitis  Legionellosis	Pending Inve	Local:  Imported: Local: estigation:	sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic	8 Pending Inv 11 Pending Inv 7 Pending Inv 4 Pending Inv	Local:  Imported: Local:  vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:	1 sporadic 10 sporadic 3 sporadic 4 sporadic sporadic 4 sporadic sporadic sporadic
Malaria  AIR/DROPLET-BORNE DISEASE  Encephalitis  Legionellosis  Melioidosis	Pending Inventors  O Pending Inventors  2 Pending Inventors  O Pending Inventors  1	Local:  Imported: Local: estigation:	sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic sporadic	Pending Inv  11 Pending Inv  7 Pending Inv  4 Pending Inv  2	Local:  Imported: Local:  vestigation:	1 sporadic 10 sporadic 3 sporadic 4 sporadic sporadic 4 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE  Encephalitis  Legionellosis  Melioidosis  Meningococcal Disease	Pending Inventors  0 Pending Inventors 2 Pending Inventors 0 Pending Inventors	Local:  Imported: Local: estigation:	sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic	8 Pending Inv 11 Pending Inv 7 Pending Inv 4 Pending Inv	Local:  Imported: Local:  vestigation:	sporadic  1 sporadic  10 sporadic  3 sporadic  4 sporadic  sporadic  4 sporadic  sporadic  sporadic
Malaria  AIR/DROPLET-BORNE DISEASE  Encephalitis  Legionellosis  Melioidosis	Pending Inventors  O Pending Inventors  2 Pending Inventors  O Pending Inventors  1	Local:  Imported: Local: estigation: Imported: Local:	sporadic sporadic sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv  11 Pending Inv  7 Pending Inv  4 Pending Inv  2	Local:  Imported: Local:  vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:	sporadic  1 sporadic  10 sporadic  3 sporadic  4 sporadic  sporadic  4 sporadic  sporadic  2 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE  Encephalitis  Legionellosis  Melioidosis  Meningococcal Disease	Pending Inventors  O Pending Inventors  2 Pending Inventors  O Pending Inventors  1	Local:  Imported: Local: estigation: Imported: Local:	sporadic sporadic sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv  11 Pending Inv  7 Pending Inv  4 Pending Inv  2	Local:  Imported: Local:  vestigation:	sporadic  1 sporadic  10 sporadic  3 sporadic  4 sporadic  sporadic  4 sporadic  2 sporadic  3 sporadic  3 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE Encephalitis  Legionellosis  Melioidosis  Meningococcal Disease  OTHER DISEASES	Pending Inventors  O Pending Inventors  2 Pending Inventors  O Pending Inventors  1 Pending Inventors  3	Local:  Imported: Local: estigation:	sporadic sporadic sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic sporadic	8 Pending Inv 11 Pending Inv 7 Pending Inv 4 Pending Inv 2 Pending Inv	Local:  Imported: Local:  vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:	sporadic  1 sporadic  10 sporadic  3 sporadic  4 sporadic  sporadic  4 sporadic  sporadic  2 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE Encephalitis  Legionellosis  Melioidosis  Meningococcal Disease  OTHER DISEASES	Pending Inventors  O Pending Inventors  2 Pending Inventors  O Pending Inventors  1 Pending Inventors	Local:  Imported: Local: estigation:	sporadic sporadic sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic sporadic 2 sporadic sporadic	8 Pending Inv 11 Pending Inv 7 Pending Inv 4 Pending Inv 2 Pending Inv	Local:  Imported: Local:  vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:	sporadic  1 sporadic  10 sporadic  3 sporadic  4 sporadic  sporadic  4 sporadic  2 sporadic  3 sporadic  3 sporadic  8 sporadic
Malaria  AIR/DROPLET-BORNE DISEASE Encephalitis  Legionellosis  Melioidosis  Meningococcal Disease  OTHER DISEASES	Pending Inventors  O Pending Inventors  2 Pending Inventors  O Pending Inventors  1 Pending Inventors  3	Local:  Imported: Local:  estigation: 1  Imported: Local:  estigation:  Imported: Local:  estigation:  Imported: Local:  estigation:  Imported: Local: estigation:  Imported: Local: estigation:	sporadic sporadic sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic 1 sporadic 2 sporadic sporadic sporadic	8 Pending Inv 11 Pending Inv 7 Pending Inv 4 Pending Inv 2 Pending Inv	Local:  Imported: Local:  vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:	sporadic  1 sporadic  1 sporadic  3 sporadic  4 sporadic  sporadic  4 sporadic  2 sporadic  3 sporadic  3 sporadic  sporadic  sporadic  sporadic  sporadic  sporadic  sporadic  sporadic  sporadic
Malaria  AIR/DROPLET-BORNE DISEASE Encephalitis  Legionellosis  Melioidosis  Meningococcal Disease  OTHER DISEASES  Viral hepatitis B	Pending Inventors  O Pending Inventors  2 Pending Inventors  O Pending Inventors  1 Pending Inventors  3 Pending Inventors	Local:  Imported: Local:  estigation: 1  Imported: Local:  estigation:  Imported: Local:  estigation:  Imported: Local: estigation:  Imported: Local: estigation:  Imported: Local: estigation:  Imported: Local: estigation:	sporadic sporadic sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic sporadic 2 sporadic sporadic	8 Pending Inv 11 Pending Inv 7 Pending Inv 4 Pending Inv 2 Pending Inv	Local:  Imported: Local:  vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:  Imported: Local: vestigation:	sporadic  1 sporadic  10 sporadic  3 sporadic  4 sporadic  sporadic  4 sporadic  2 sporadic  3 sporadic  3 sporadic  8 sporadic

#### Influenza Situation in Singapore 2014

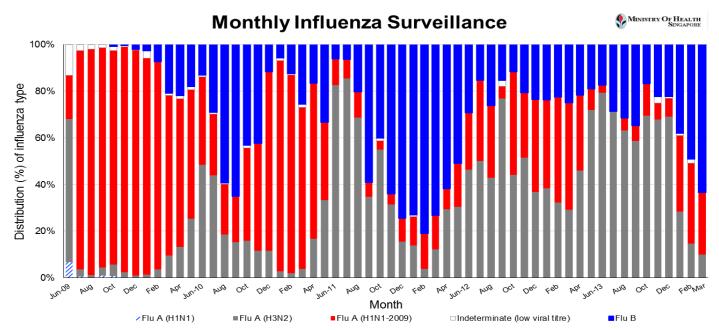
Influenza indicators for E-week 13 (23 Mar 2014 - 29 Mar 2014) are as follows:

The average daily number of patients seeking treatment in the polyclinics for ARI increased from 2,003 (over 5.5 working days) in E-week 12 to 2,198 (over 5.5 working days) in E-week 13.



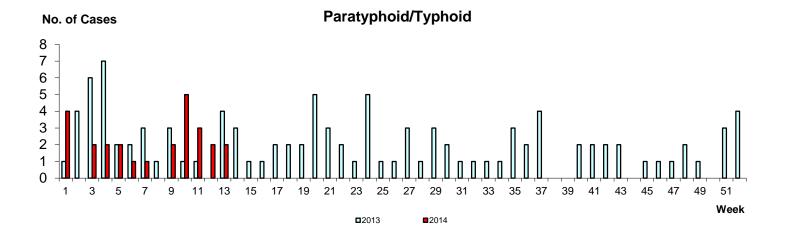
The proportion of patients with influenza-like illness (ILI) among the polyclinic attendances for ARI remained low at below 1%.

The overall prevalence of Influenza among ILI samples (n=104) in the community was 28.8% in the past 4 weeks. Of all the influenza virus isolates in March 2014, influenza B, influenza A(H1N1-2009) and influenza A(H3N2) comprised 63.3%, 26.7% and 10.0% respectively.

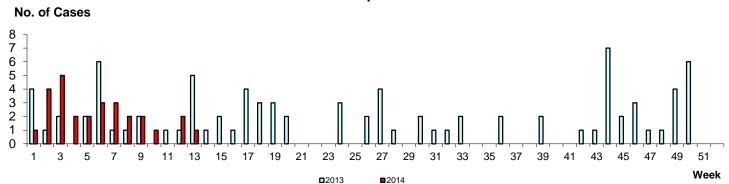


<sup>\*\*</sup> Based on influenza-like illness (ILI) samples from GPs and polyclinics

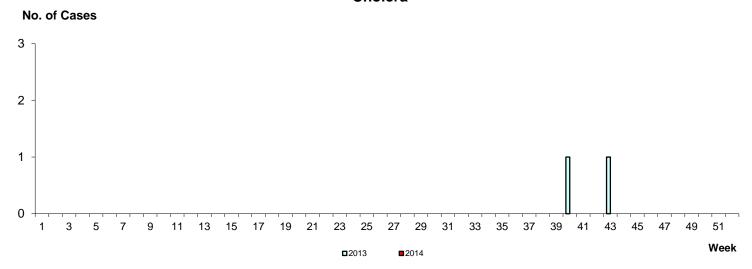
# WEEKLY INCIDENCE OF FOOD/WATER-BORNE DISEASES, 2013-2014



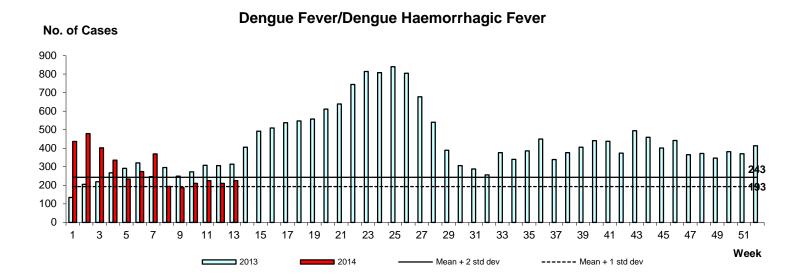
### Viral Hepatitis A

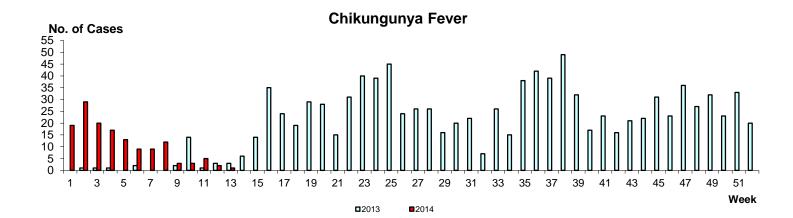


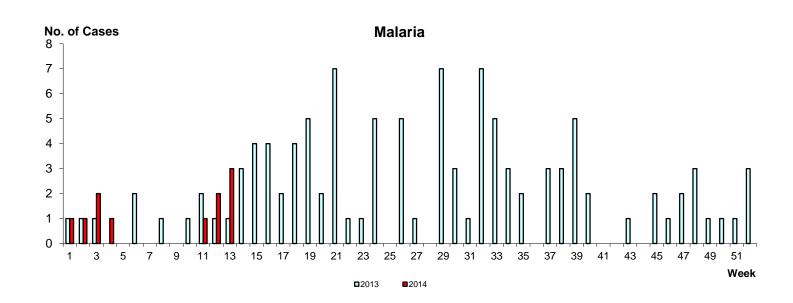
#### Cholera



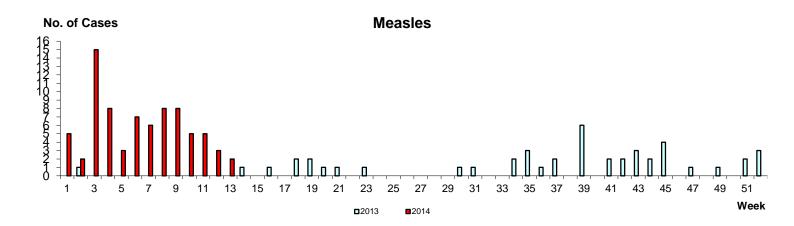
## **WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2013-2014**

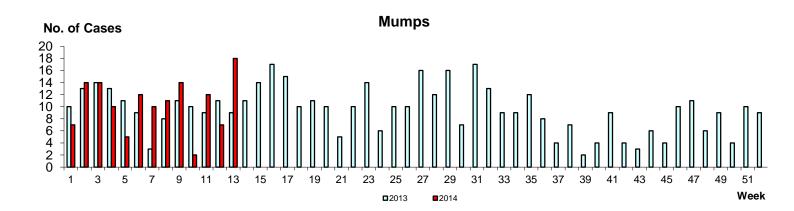


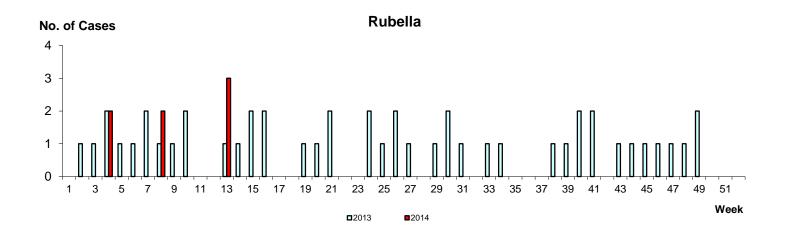




## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2013-2014

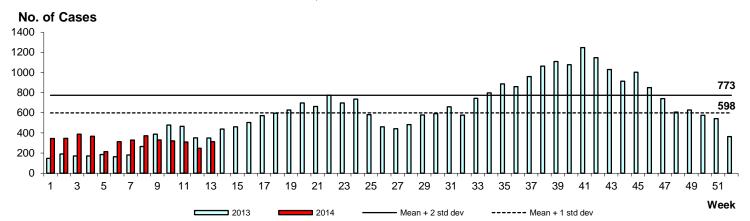




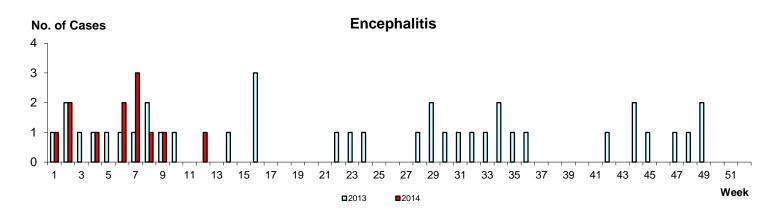


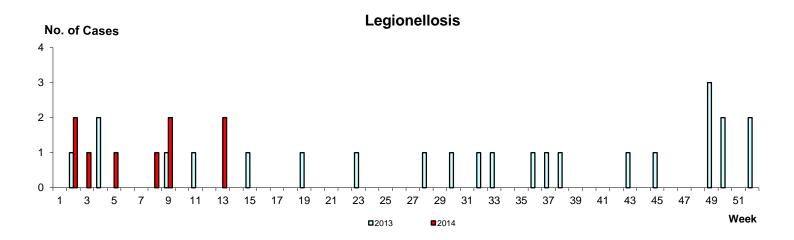
## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2013-2014

#### Hand, Foot & Mouth Disease

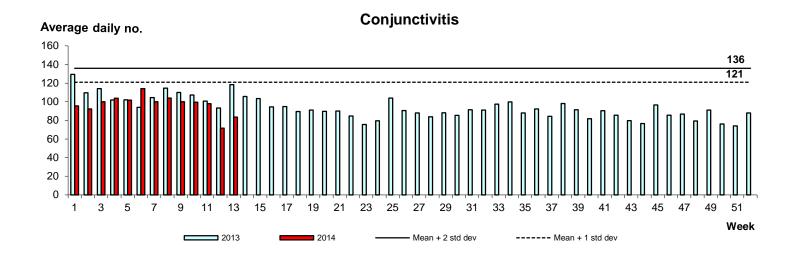


## WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2013-2014





## **POLYCLINIC ATTENDANCES, 2013-2014**



#### **Diarrhoeal Illness** Average daily no. Week - Mean + 2 std dev ----- Mean + 1 std dev