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# WEEKLY INFECTIOUS DISEASE BULLETIN

EPIDEMIOLOGICAL WEEK 20 11 - 17 May 2014

	E Week	20	Cumulative first 20 Week			
			Median			20 Weeks Median
	2014*	2013	2009 -2013	2014	2013	2009 -2013
FOOD/WATER-BORNE DISEASES						
Campylobacteriosis	13	8	6	196	166	142
Cholera	0	0	0	0	0	0
Paratyphoid	1	1	0	11	13	13
Poliomyelitis	0	0	0	0	0	0
Salmonellosis (non-enteric fevers)	38	45	38	686	611	574
Typhoid	4	4	2	32	38	34
Viral Hepatitis A	2	2	2	39	42	34
Viral Hepatitis E	3	3	3	23	27	39
VECTOR-BORNE DISEASES	_		_			
Chikungunya Fever	4	28	0	154	183	20
Dengue Fever	292	611	113	5583	7061	1512
Dengue Haemorrhagic Fever	0	0	0	7	31	15
Malaria	1	2	3	20	35	40
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						
Avian Influenza	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0
Encephalitis	0	0	0	16	16	11
Haemophilus influenzae type b	1	1	0	4	2	1
Hand, Foot And Mouth Disease	663	695	667	7519	7388	8368
Legionellosis	1	0	0	12	7	11
Measles	3	1	1	105	8	20
Melioidosis	0	1	1	7	16	16
Meningococcal Disease	0	0	0	4	1	2
Mumps	10	10	10	202	219	228
Pertussis	3	0	0	9	4	7
Pneumococcal Disease (invasive)	1	11	2	46	68	65
Rubella	0	1	1	10	20	49
Severe acute respiratory syndrome	0	0	0	0	0	0
OTHER DISEASES						
Viral hepatitis B	4	2	1	22	22	22
Viral hepatitis C	0	0	0	1	0	1
<b>POLYCLINIC ATTENDANCES - AVE</b>	RAGE DAILY I	NUMBER***			-	
Acute upper respiratory infections	2630	2519	2886			
Acute conjunctivitis	76	90	95			
Acute Diarrhoea	477	452	452			
Chickenpox	22	18	NA			
HIV/STI/TB NOTIFICATIONS	2014	Apr		Cumulative 2014		
HIV/AIDS	2	9		155		
Legally Notifiable STIs**	60	601		2279		
Tuberculosis	120			50	1	

<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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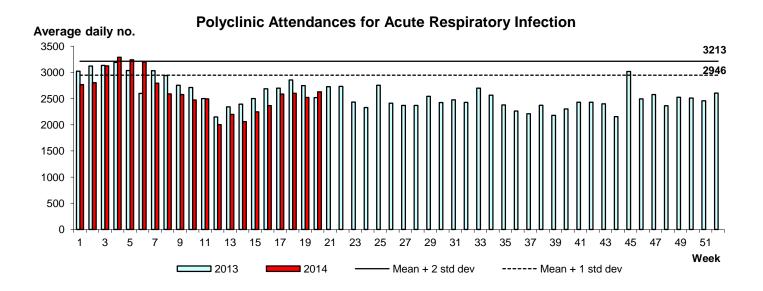
# SUMMARY OF INVESTIGATIONS, EPIDEMIOLOGICAL WEEK 20 11 - 17 May 2014

2014 Notification	Epidem	Epidemiological Week 20 11 - 17 May 2014		Cumulative first		19 Weeks
FOOD/WATER-BORNE DISEASES						
	12	Imported :	1 sporadic	183	Imported :	24 sporadic
Campylobacteriosis	13	Local:	8 sporadic	103	Local:	159 sporadic
	Pending Inves	stigation : 4		Pending Inv	estigation:	
Cholera	0	Imported:	sporadic	0	Imported:	sporadic
		Local:	sporadic		Local:	sporadic
	Pending Inves			Pending Inv		
Paratyphoid	1	Imported :	sporadic	10	Imported:	9 sporadic
		Local :	1 sporadic		Local :	1 sporadic
	Pending Inves		4 "	Pending Inv		54 "
Salmonellosis (non-enteric fevers)	38	Imported :	1 sporadic	648	Imported :	51 sporadic
	D 11 1	Local :	28 sporadic	D " 1	Local :	597 sporadic
	Pending Inves		4 "	Pending Inv		
Typhoid	4	Imported :	4 sporadic	28	Imported :	23 sporadic
	Danding Inves	Local :	sporadic	Danding Inc	Local :	5 sporadic
	Pending Inves		O an aradia	Pending Inv		20 anaradia
Viral Hepatitis A	2	Imported :	2 sporadic	37	Imported :	29 sporadic
	Pending Inves		sporadic	Pending Inv	Local:	8 sporadic
	Fending inves	Imported :	sporadic		Imported :	7 sporadic
Viral Hepatitis E	3	Local :	sporadic	20	Local :	13 sporadic
	Pending Inves		sporadic	Donding Inv	restigation :	13 Sporadic
VECTOR-BORNE DISEASES	r ending inves	sugation . 5		r ending inv	estigation.	
		Imported :	2 sporadic		Imported:	22 sporadic
Chikungunya Fever	4	Local:	2 sporadic	150	Local:	128 sporadic
	Pending Inves		2 000.00.0	Pending Inv		.20 000.00.0
Dengue Fever  Dengue Haemorrhagic Fever	292	Active Cluster  http://www.	dengue.gov.sg	5291 7	-	
		Imported :	1 sporadic		Imported :	19 sporadic
Malaria	1	Imported :	1 sporadic	19	Imported :	19 sporadic
Malaria		Local:	1 sporadic sporadic		Local:	19 sporadic sporadic
Malaria  AIR/DROPLET-BORNE DISEASES	1 Pending Inves	Local:		19 Pending Inv	Local:	
AIR/DROPLET-BORNE DISEASES	Pending Inves	Local:		Pending Inv	Local:	
		Local : stigation :	sporadic		Local : restigation :	sporadic
AIR/DROPLET-BORNE DISEASES	Pending Inves	Local :  Imported :  Local :	sporadic sporadic	Pending Inv	Local :  estigation :  Imported :  Local :	sporadic  1 sporadic
AIR/DROPLET-BORNE DISEASES  Encephalitis	Pending Inves  0 Pending Inves	Local :  Imported :  Local :	sporadic sporadic	Pending Inv 16 Pending Inv	Local :  estigation :  Imported :  Local :	sporadic  1 sporadic
AIR/DROPLET-BORNE DISEASES  Encephalitis	Pending Inves	Local : Imported : Local : stigation :	sporadic sporadic sporadic	Pending Inv	Local : estigation :  Imported : Local : estigation :	sporadic  1 sporadic  15 sporadic
AIR/DROPLET-BORNE DISEASES  Encephalitis	Pending Inves  0 Pending Inves	Local: Imported: Local: stigation: Imported: Local: Local: Local:	sporadic sporadic sporadic	Pending Inv 16 Pending Inv	Local :  Imported : Local :  vestigation :  Imported : Local :  Local :  Local :	1 sporadic 15 sporadic 4 sporadic
AIR/DROPLET-BORNE DISEASES  Encephalitis  Legionellosis	Pending Inves  0 Pending Inves  1 Pending Inves	Local: Imported: Local: stigation: Imported: Local: Local: Local:	sporadic sporadic sporadic	Pending Inv  16 Pending Inv  11 Pending Inv	Local:  Imported: Local:  estigation:  Imported: Local:  Local:  cestigation:	1 sporadic 15 sporadic 4 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis	Pending Inves  0 Pending Inves	Local:  Imported: Local:  Imported: Local:  Imported: Local:  stigation:1	sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv 16 Pending Inv 11	Local :  Imported : Local :  vestigation :  Imported : Local :  Local :  Local :	1 sporadic 15 sporadic 4 sporadic 7 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis	Pending Inves  0 Pending Inves  1 Pending Inves	Local:  Imported: Local:  Imported: Local:  Imported: Local:  Imported: Local:  Imported: Local:	sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv  16 Pending Inv  11 Pending Inv  7	Local:  Imported: Local:  estigation:  Imported: Local:  uestigation:  Imported: Local:  uestigation:  Imported:	1 sporadic 15 sporadic 4 sporadic 7 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis	Pending Inves  0 Pending Inves 1 Pending Inves 0 Pending Inves	Local:  Imported: Local:  Imported: Local:  Imported: Local:  Imported: Local:  Imported: Local:	sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv  16 Pending Inv  11 Pending Inv  7 Pending Inv	Local:  Imported: Local:  estigation:  Imported: Local:  Local:  estigation:  Imported: Local:  estigation:  Imported: Local:	1 sporadic 15 sporadic 4 sporadic 7 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis	Pending Inves  0 Pending Inves  1 Pending Inves  0 Pending Inves  0	Local:  Imported: Local:  tigation:  Imported: Local:  tigation:  Imported: Local:  tigation:  Imported: Local:  tigation:  Local:  tigation:  Local:	sporadic sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv  16 Pending Inv  11 Pending Inv  7 Pending Inv 4	Local:  Imported: Local: estigation:  Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation:1 Imported: Local:	1 sporadic 15 sporadic 4 sporadic 7 sporadic sporadic 6 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease	Pending Inves  0 Pending Inves 1 Pending Inves 0 Pending Inves	Local:  Imported: Local:  tigation:  Imported: Local:  tigation:  Imported: Local:  tigation:  Imported: Local:  tigation:  Local:  tigation:  Local:	sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv  16 Pending Inv  11 Pending Inv  7 Pending Inv	Local:  Imported: Local: estigation:  Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation:1 Imported: Local:	sporadic  1 sporadic  15 sporadic  4 sporadic  7 sporadic  sporadic  6 sporadic  sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease	Pending Inves  0 Pending Inves  1 Pending Inves  0 Pending Inves  0	Local:  Imported: Local: stigation:  Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation:	sporadic	Pending Inv  16 Pending Inv  11 Pending Inv  7 Pending Inv 4	Local:  Imported: Local:  estigation:	sporadic  1 sporadic  1 sporadic  4 sporadic  7 sporadic  sporadic  6 sporadic  sporadic  4 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease OTHER DISEASES	Pending Inves  0 Pending Inves  1 Pending Inves  0 Pending Inves  0 Pending Inves	Local: Imported: Local: Stigation:	sporadic	Pending Inv  16 Pending Inv  11 Pending Inv  7 Pending Inv  4 Pending Inv	Local:  Imported: Local:  estigation:	sporadic  1 sporadic  1 sporadic  4 sporadic  7 sporadic  sporadic  6 sporadic  4 sporadic  4 sporadic  5 sporadic  6 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease	Pending Inves  0 Pending Inves 0 Pending Inves 0 Pending Inves 0 Pending Inves	Local:  Imported: Local: stigation:  Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation:	sporadic	Pending Inv  16 Pending Inv  11 Pending Inv  7 Pending Inv  4 Pending Inv  18	Local:  Imported: Local:  estigation:	1 sporadic 1 sporadic 15 sporadic 4 sporadic 7 sporadic sporadic 6 sporadic sporadic 4 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease OTHER DISEASES	Pending Inves  0 Pending Inves  1 Pending Inves  0 Pending Inves  0 Pending Inves	Local:  Imported: Local: stigation:  Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation:	sporadic	Pending Inv  16 Pending Inv  11 Pending Inv  7 Pending Inv  4 Pending Inv	Local:  Imported: Local:  estigation:	sporadic  1 sporadic  1 sporadic  15 sporadic  4 sporadic  7 sporadic  sporadic  6 sporadic  4 sporadic  4 sporadic  2 sporadic  1 sporadic  1 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis  Legionellosis  Melioidosis  Meningococcal Disease  OTHER DISEASES  Viral hepatitis B	Pending Inves  0 Pending Inves 0 Pending Inves 0 Pending Inves 0 Pending Inves	Local:  Imported: Local:  tigation:  Imported: Local:  titigation:  Imported: Local:	sporadic	Pending Inv  16 Pending Inv  11 Pending Inv  7 Pending Inv  4 Pending Inv  18	Local:  Imported: Local:  restigation:  Imported: Local:	sporadic  1 sporadic  1 sporadic  15 sporadic  4 sporadic  7 sporadic  sporadic  6 sporadic  4 sporadic  12 sporadic  sporadic  sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease OTHER DISEASES	Pending Inves  0 Pending Inves  1 Pending Inves  0 Pending Inves  0 Pending Inves  4 Pending Inves	Local:  Imported: Local:  tigation:  Imported: Local:  titigation:  Imported: Local:  Local:  titigation:  Imported: Local: Local:	sporadic	Pending Inv  16 Pending Inv  11 Pending Inv  7 Pending Inv  4 Pending Inv  18 Pending Inv	Local:  Imported: Local:  restigation:  Imported: Local:	sporadic  1 sporadic  1 sporadic  15 sporadic  4 sporadic  7 sporadic  sporadic  6 sporadic  4 sporadic  4 sporadic  2 sporadic  1 sporadic  1 sporadic  1 sporadic

#### **Influenza Situation in Singapore 2014**

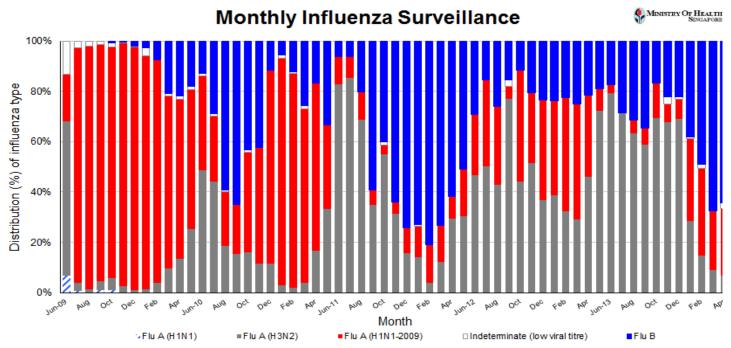
Influenza indicators for E-week 20 (11 May 2014 - 17 May 2014) are as follows:

The average daily number of patients seeking treatment in the polyclinics for ARI increased from 2,522 (over 5.5 working days) in E-week 19 to 2,630 (over 4.5 working days) in E-week 20.



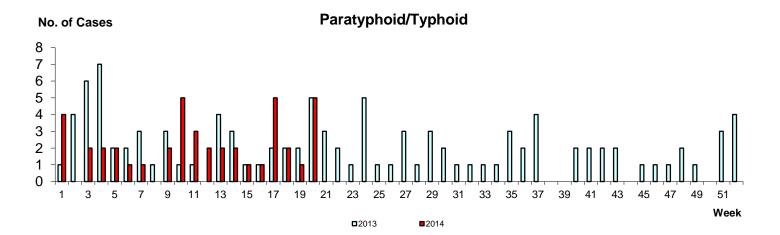
The proportion of patients with influenza-like illness (ILI) among the polyclinic attendances for ARI remained low at 1%.

The overall prevalence of Influenza among ILI samples (n=112) in the community was 36.1% in the past 4 weeks. Of all the influenza virus isolates in April 2014, influenza B, influenza A(H1N1-2009) and influenza A(H3N2) comprised 64.4%, 26.7% and 6.7% respectively.

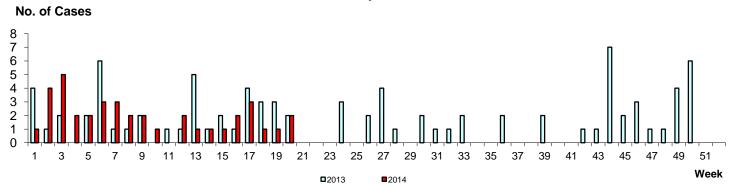


<sup>\*\*</sup> Based on influenza-like illness (ILI) samples from GPs and polyclinics

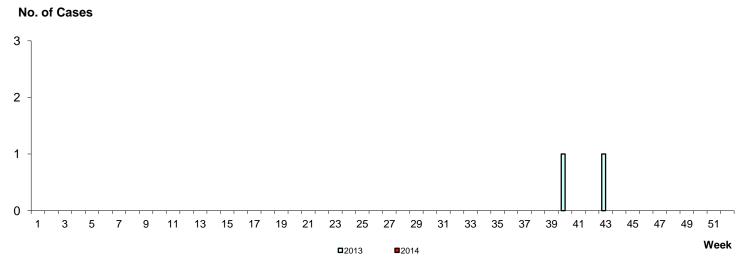
## WEEKLY INCIDENCE OF FOOD/WATER-BORNE DISEASES, 2013-2014



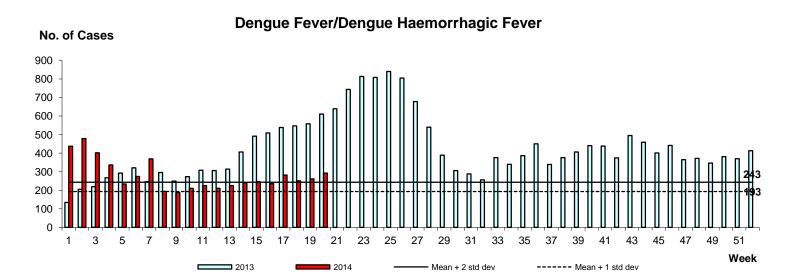
## Viral Hepatitis A

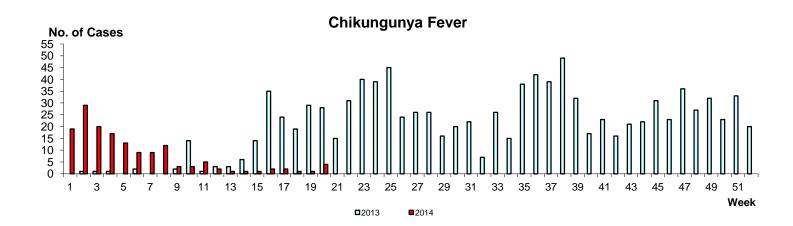


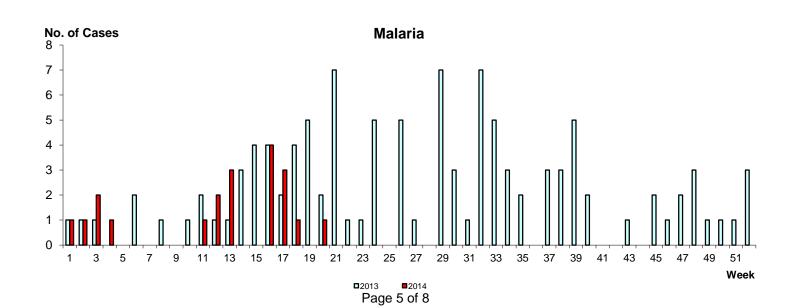
#### Cholera



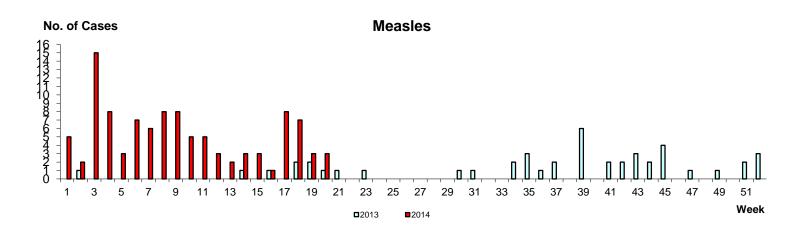
## **WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2013-2014**

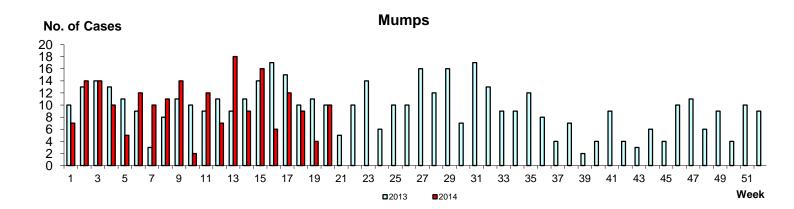


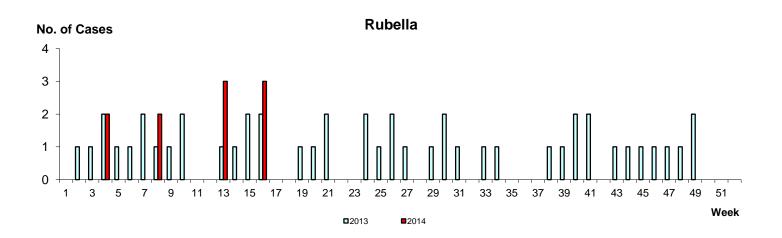




## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2013-2014

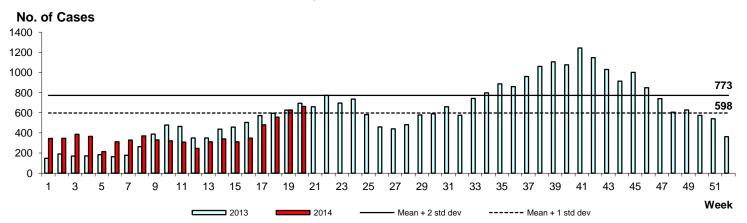




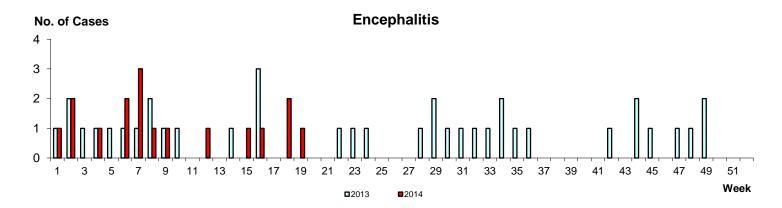


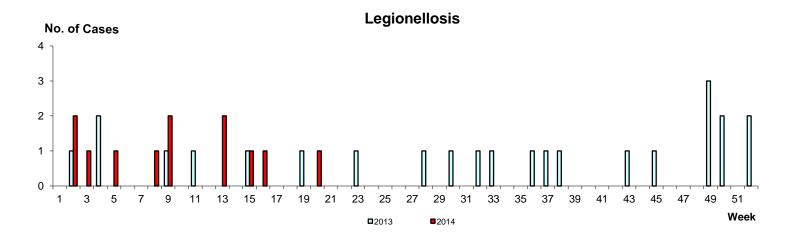
## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2013-2014

#### Hand, Foot & Mouth Disease

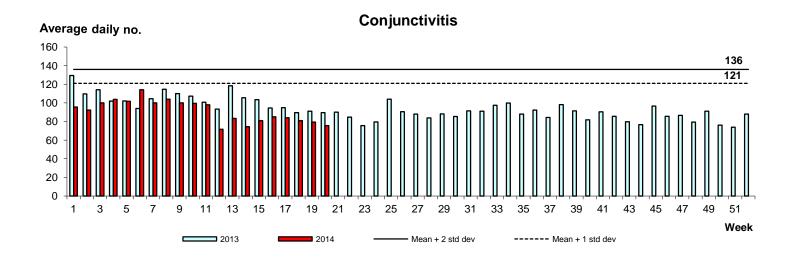


# WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2013-2014





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



#### **Diarrhoeal Illness** Average daily no. <u>5</u>23 Week - Mean + 2 std dev ----- Mean + 1 std dev