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WEEKLY INFECTIOUS DISEASE BULLETIN

EPIDEMIOLOGICAL WEEK 17 20 - 26 Apr 2014

	E Week 17			Cumula	ative first	17 Weeks
	2014*	2013	Median	2014	2013	Median
FOOD/WATER-BORNE DISEASES			2009 -2013	_		2009 -2013
Campylobacteriosis	19	7	7	154	145	119
Cholera	0	0	0	0	0	0
Paratyphoid	3	1	0	10	12	12
Poliomyelitis	0	0	0	0	0	0
Salmonellosis (non-enteric fevers)	42	51	25	551	511	484
Typhoid	2	1	1	25	30	30
Viral Hepatitis A	3	4	2	35	34	24
Viral Hepatitis E	3	2	2	20	24	28
VECTOR-BORNE DISEASES	- 1					
Chikungunya Fever	2	24	0	148	107	20
Dengue Fever	282	536	78	4779	5347	1336
Dengue Haemorrhagic Fever	0	2	0	7	29	12
Malaria	3	2	2	18	24	34
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	13	16	11
Haemophilus influenzae type b	0	0	0	3	1	1
Hand, Foot And Mouth Disease	480	572	572	5671	5472	7142
Legionellosis	0	0	0	11	6	7
Measles	8	0	1	92	3	18
Melioidosis	0	0	0	5	15	15
Meningococcal Disease	0	0	0	3	1	2
Mumps	12	15	13	179	188	199
Pertussis	1	0	0	5	4	5
Pneumococcal Disease (invasive)	0	6	6	41	51	53
Rubella	1	0	2	11	18	40
Severe acute respiratory syndrome	0	0	0	0	0	0
OTHER DISEASES						
Viral hepatitis B	1	1	2	17	15	18
Viral hepatitis C	5	0	0	7	0	1_
POLYCLINIC ATTENDANCES - AVEI			0000	1		
Acute upper respiratory infections	2588	2699	3022			
Acute Conjunctivitis	84	95	108			
Acute Diarrhoea	479	444	448 NA			
Chickenpox	19	13 Mar	NA	Cumulat	ive 204.4	
HIV/STI/TB NOTIFICATIONS	2014	Mar	 	Cumulative 2014		
HIV/AIDS Legally Notifiable STIs**	47 629		 	126 1678		
,			 			
Tuberculosis	146			401	1	

^{*} Preliminary figures, subject to revision when more information is available.

^{**} 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).

^{***} 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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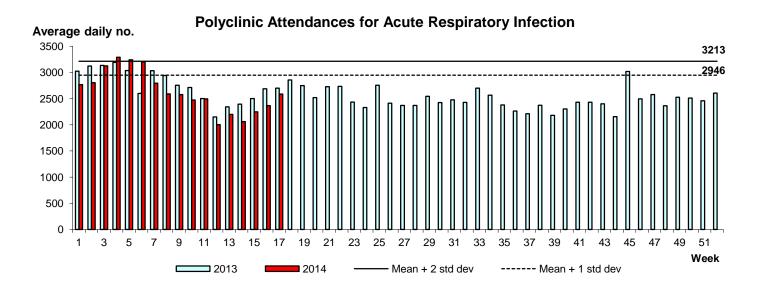
SUMMARY OF INVESTIGATIONS, EPIDEMIOLOGICAL WEEK 17 20 - 26 Apr 2014

2014 Notification	Epiden	Epidemiological Week 17 20 - 26 Apr 2014		Cumulative first		16 Weeks
FOOD/WATER-BORNE DISEASES	<u> </u>	20 - 20	5 Apr 2014			
		Imported :	1 sporadic		Imported:	20 sporadic
Campylobacteriosis	19	Local :	11 sporadic	135	Local :	115 sporadic
	Pending Inve		11 Sporadio	Pending Inv	vestigation :	110 Sporadio
Cholera	r chang inve	Imported :	sporadic		Imported :	sporadic
Onotora	0	Local :	sporadic	0	Local :	sporadic
	Pending Inve		Sporadic	Dending Inv	vestigation :	Sporadic
	T Chang invo	Imported :	2 sporadic		Imported :	7 sporadic
Paratyphoid	3	Local :	1 sporadic	7	Local :	sporadic
	Pending Inve		i sporadic	Donding In	vestigation :	Sporadic
	rending inve	Imported :	1 sporadic	rending in	Imported :	42 sporadic
Salmonellosis (non-enteric fevers)	42		<u> </u>	509	<u> </u>	·
	Described to the second	Local:	31 sporadic	Daniella antoni	Local:	467 sporadic
	Pending Inve	estigation: 10		Pending Inv	vestigation :	
Typhoid	2	Imported :	1 sporadic	23	Imported :	19 sporadic
		Local :	1 sporadic		Local :	4 sporadic
	Pending Inve			Pending Inv	vestigation:	
Viral Hepatitis A	3	Imported:	2 sporadic	32	Imported:	26 sporadic
		Local:	1 sporadic		Local :	6 sporadic
	Pending Inve	estigation :		Pending Inv	vestigation:	
Viral Hepatitis E	3	Imported:	sporadic	17	Imported:	7 sporadic
	Ŭ	Local:	3 sporadic		Local :	10 sporadic
	Pending Inve	estigation :		Pending Inv	vestigation:	
VECTOR-BORNE DISEASES	-					
Chikungunya Fever	2	Imported:	sporadic	146	Imported:	21 sporadic
	2	Local:	2 sporadic	146	Local:	125 sporadic
	Pending Inve	estigation :		Pending Inv	vestigation:	
Dengue Fever Dengue Haemorrhagic Fever	282	Active Cluster http://www.	s dengue.gov.sg	4497 7		
Malaria		Imported :	2 sporadic		Imported :	15 sporadic
Malaria	3	Imported :	2 sporadic	15	Imported :	15 sporadic
Malaria		Local:	2 sporadic sporadic		Local:	15 sporadic sporadic
	Pending Inve	Local:				
Malaria AIR/DROPLET-BORNE DISEASES	Pending Inve	Local : estigation : 1	sporadic		Local : vestigation :	sporadic
	Pending Inve	Local : estigation : 1	sporadic sporadic		Local : vestigation : Imported :	sporadic 1 sporadic
AIR/DROPLET-BORNE DISEASES	Pending Inve	Local : Imported : Local :	sporadic	Pending Inv	Local : Imported : Local :	sporadic
AIR/DROPLET-BORNE DISEASES	Pending Inve	Local : estigation : 1 Imported : Local : estigation :	sporadic sporadic sporadic	Pending Inv	Local : Imported : Local : vestigation :	1 sporadic 12 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis	Pending Inve	Local : estigation : 1 Imported : Local : estigation : Imported :	sporadic sporadic sporadic	Pending Inv	Local : Imported : Local : vestigation : Imported : Imported :	1 sporadic 12 sporadic 4 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis	Pending Inve	Local: Imported: Local: estigation: Imported: Local: Local:	sporadic sporadic sporadic	Pending Inv 13 Pending Inv 11	Local : Imported : Local : vestigation : Imported : Local : Local : Local :	1 sporadic 12 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis	Pending Inve	Local: Imported: Local: estigation: Imported: Local: Local:	sporadic sporadic sporadic	Pending Inv 13 Pending Inv 11	Local : Imported : Local : vestigation : Imported : Imported :	1 sporadic 12 sporadic 4 sporadic 7 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis	Pending Inve	Local: Imported: Local: estigation: Imported: Local: Local:	sporadic sporadic sporadic	Pending Inv 13 Pending Inv 11 Pending Inv	Local : Imported : Local : vestigation : Imported : Local : Local : Local :	1 sporadic 12 sporadic 4 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis	Pending Inve	Local: Imported: Local: estigation: Imported: Local: Local: Imported: Local: Imported: Local: Local:	sporadic sporadic sporadic sporadic sporadic	Pending Inv 13 Pending Inv 11 Pending Inv 5	Local: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local:	1 sporadic 12 sporadic 4 sporadic 7 sporadic
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AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis	Pending Inve	Local: Imported: Local: estigation: Imported: Local: Local: Imported: Local: Imported: Local: Local:	sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv 13 Pending Inv 11 Pending Inv 5 Pending Inv	Local: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local:	1 sporadic 12 sporadic 4 sporadic 7 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis	Pending Inve	Local: Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation:	sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv 13 Pending Inv 11 Pending Inv 5	Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: 1	1 sporadic 1 sporadic 12 sporadic 4 sporadic 7 sporadic sporadic 4 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease	Pending Inve	Local: Imported: Local: estigation: Imported: Local:	sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv 13 Pending Inv 11 Pending Inv 5 Pending Inv 3	Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: 1 Imported:	1 sporadic 1 sporadic 12 sporadic 4 sporadic 7 sporadic sporadic 4 sporadic
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AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease OTHER DISEASES	Pending Inve	Local: Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation: Imported: Local: stigation:	sporadic	Pending Inv 13 Pending Inv 11 Pending Inv 5 Pending Inv 3 Pending Inv	Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation:	sporadic 1 sporadic 12 sporadic 4 sporadic 7 sporadic sporadic 4 sporadic sporadic 3 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease	Pending Inve	Local: Imported: Local: Imported: Local:	sporadic	Pending Inv 13 Pending Inv 11 Pending Inv 5 Pending Inv 3	Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation:	1 sporadic 1 sporadic 12 sporadic 4 sporadic 7 sporadic sporadic 4 sporadic 4 sporadic 5 sporadic 5 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease OTHER DISEASES	Pending Inve	Local: Imported: Local: Local:	sporadic	Pending Inv 13 Pending Inv 11 Pending Inv 5 Pending Inv 3 Pending Inv 16	Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation:	sporadic 1 sporadic 12 sporadic 4 sporadic 7 sporadic sporadic 4 sporadic sporadic 3 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease OTHER DISEASES Viral hepatitis B	Pending Inve	Local: Imported: Local:	sporadic	Pending Inv 13 Pending Inv 11 Pending Inv 5 Pending Inv 3 Pending Inv 16 Pending Inv	Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation: Imported: Local: vestigation:	sporadic 1 sporadic 1 sporadic 4 sporadic 7 sporadic sporadic 4 sporadic sporadic 3 sporadic 5 sporadic 11 sporadic
AIR/DROPLET-BORNE DISEASES Encephalitis Legionellosis Melioidosis Meningococcal Disease OTHER DISEASES	Pending Inve	Local: Imported: Local: Estigation: Imported: Local: Estigation: Imported: Local: Estigation: Imported: Local: Estigation: Imported: Local: Estigation: Imported: Local: Estigation: Imported: Local: Estigation: Imported: Local: Imported: Local: Imported: Local: Imported: Local: Imported: Local: Imported: Local:	sporadic	Pending Inv 13 Pending Inv 11 Pending Inv 5 Pending Inv 3 Pending Inv 16	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 1 sporadic 4 sporadic 7 sporadic sporadic 4 sporadic 5 sporadic 5 sporadic 11 sporadic sporadic
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Influenza Situation in Singapore 2014

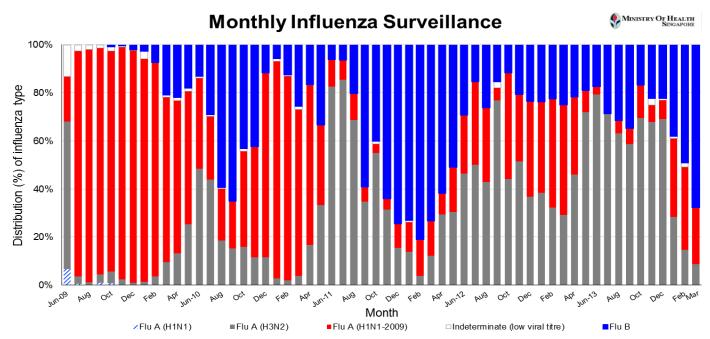
Influenza indicators for E-week 17 (20 Apr 2014 - 26 Apr 2014) are as follows:

The average daily number of patients seeking treatment in the polyclinics for ARI increased from 2,367 (over 4.5 working days) in E-week 16 to 2,588 (over 5.5 working days) in E-week 17.



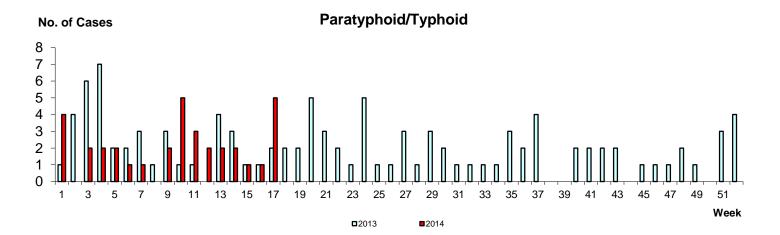
The proportion of patients with influenza-like illness (ILI) among the polyclinic attendances for ARI remained low at below 1%.

The overall prevalence of Influenza among ILI samples (n=108) in the community was 31.5% 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 67.6%, 23.5% and 8.8% respectively.

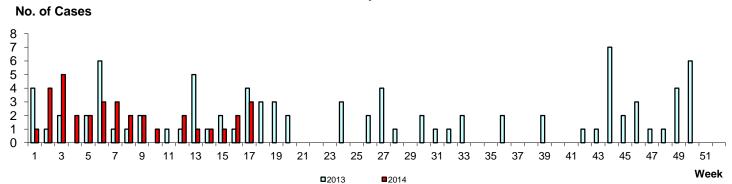


^{**} Based on influenza-like illness (ILI) samples from GPs and polyclinics

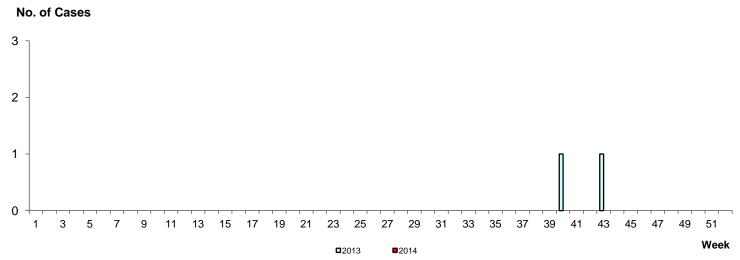
WEEKLY INCIDENCE OF FOOD/WATER-BORNE DISEASES, 2013-2014



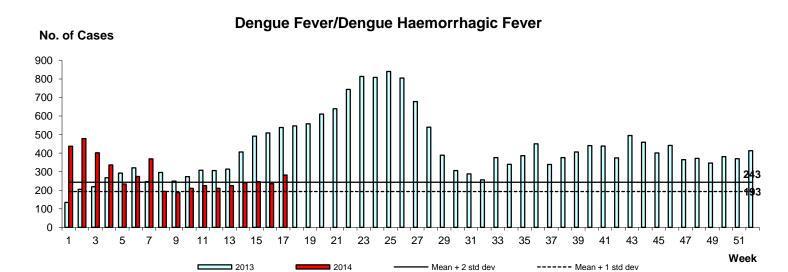
Viral Hepatitis A

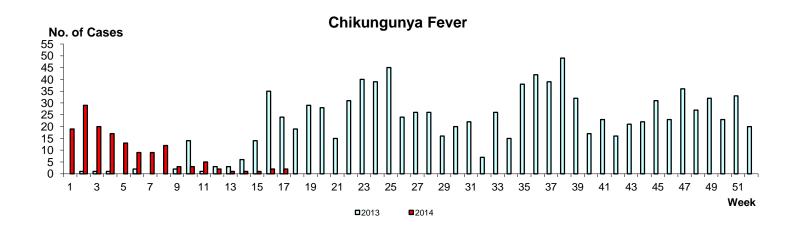


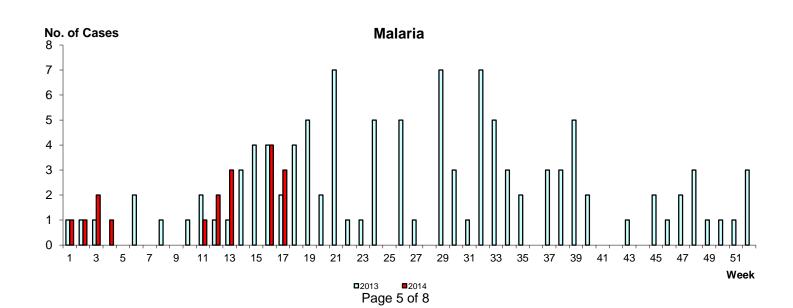
Cholera



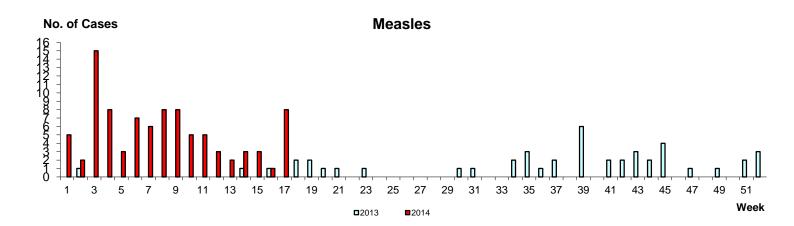
WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2013-2014

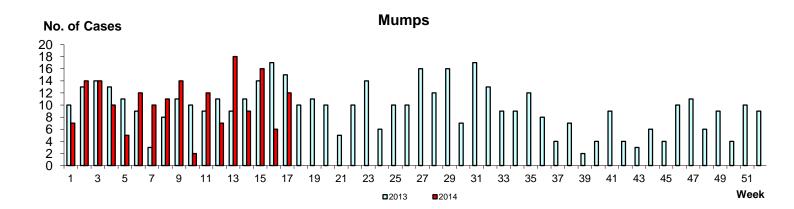


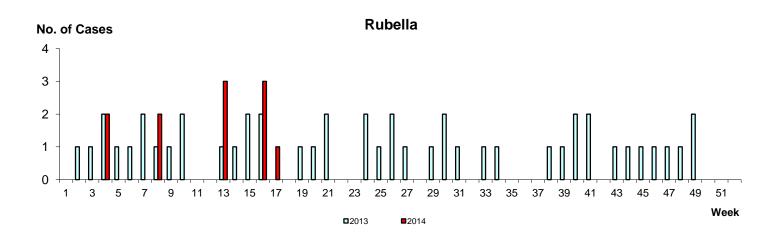




WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2013-2014

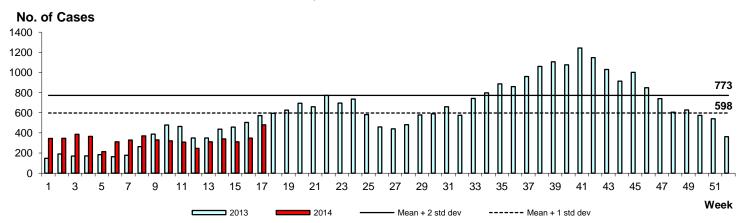




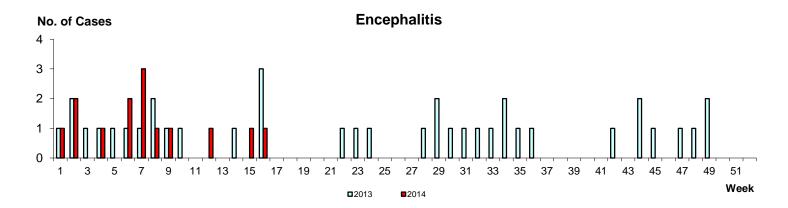


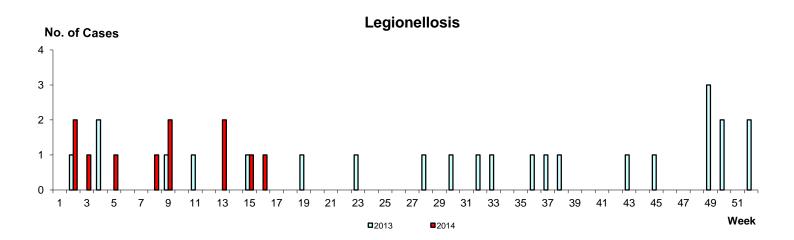
WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2013-2014

Hand, Foot & Mouth Disease

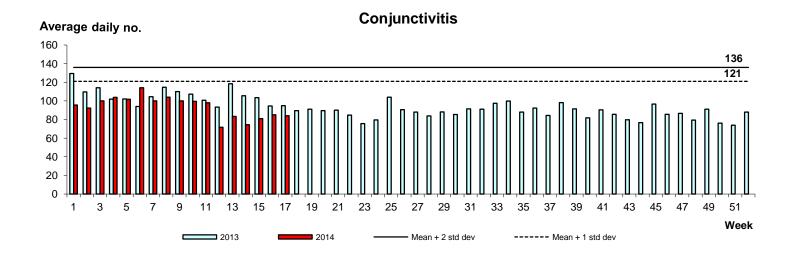


WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2013-2014





POLYCLINIC ATTENDANCES, 2013-2014



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