

http://www.moh.gov.sg/content/moh\_web/home/statistics/infectiousDiseasesStatistics/weekly\_infectiousdiseasesbulletin.html

Published by the Communicable Diseases Division

# WEEKLY INFECTIOUS DISEASE BULLETIN

EPIDEMIOLOGICAL WEEK 13 25 - 31 Mar 2012

Typhoid         2         3         2         31         24           Viral Hepatitis A         1         1         1         17         20           Viral Hepatitis E         2         2         1         23         27           VECTOR-BORNE DISEASES           Chikungunya Fever         0         0         NA         7         1	45 0 8 0 221 24 20
Campylobacteriosis         14         7         4         106         94           Cholera         0         0         0         0         0           Paratyphoid         0         0         0         23         10           Poliomyelitis         0         0         0         0         0           Salmonellosis (non-enteric fevers)         35         12         12         364         273           Typhoid         2         3         2         31         24           Viral Hepatitis A         1         1         1         17         20           Viral Hepatitis E         2         2         2         1         23         27           VECTOR-BORNE DISEASES           Chikungunya Fever         0         0         NA         7         1         1           Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0	0 8 0 221 24 20
Cholera         0         0         0         0         0           Paratyphoid         0         0         0         0         23         10           Poliomyelitis         0         0         0         0         0         0           Salmonellosis (non-enteric fevers)         35         12         12         364         273           Typhoid         2         3         2         31         24           Viral Hepatitis A         1         1         1         17         20           Viral Hepatitis E         2         2         1         23         27           VECTOR-BORNE DISEASES           Chikungunya Fever         0         0         NA         7         1           Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0         0           Plague         0         0         0         0 <td< td=""><td>0 8 0 221 24 20</td></td<>	0 8 0 221 24 20
Paratyphoid         0         0         0         23         10           Poliomyelitis         0         0         0         0         0           Salmonellosis (non-enteric fevers)         35         12         12         364         273           Typhoid         2         3         2         31         24           Viral Hepatitis A         1         1         1         17         20           Viral Hepatitis E         2         2         1         23         27           VECTOR-BORNE DISEASES           Chikungunya Fever         0         0         NA         7         1           Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0           Plague         0         0         0         0         0           Yellow Fever         0         0         0         0         0	8 0 221 24 20 19
Poliomyelitis         0         0         0         0         0           Salmonellosis (non-enteric fevers)         35         12         12         364         273           Typhoid         2         3         2         31         24           Viral Hepatitis A         1         1         1         17         20           Viral Hepatitis E         2         2         2         1         23         27           VECTOR-BORNE DISEASES           Chikungunya Fever         0         0         NA         7         1           Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0         0           Plague         0         0         0         0         0         0           Yellow Fever         0         0         0         0         0         0	0 221 24 20 19
Poliomyelitis         0         0         0         0         0           Salmonellosis (non-enteric fevers)         35         12         12         364         273           Typhoid         2         3         2         31         24           Viral Hepatitis A         1         1         1         17         20           Viral Hepatitis E         2         2         2         1         23         27           VECTOR-BORNE DISEASES           Chikungunya Fever         0         0         NA         7         1           Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0         0           Plague         0         0         0         0         0         0           Yellow Fever         0         0         0         0         0         0	221 24 20 19
Salmonellosis (non-enteric fevers)       35       12       12       364       273         Typhoid       2       3       2       31       24         Viral Hepatitis A       1       1       1       17       20         Viral Hepatitis E       2       2       1       23       27         VECTOR-BORNE DISEASES         Chikungunya Fever       0       0       NA       7       1         Dengue Fever       48       69       69       818       881       1         Dengue Haemorrhagic Fever       0       2       0       9       5         Malaria       4       4       4       24       25         Nipah virus infection       0       0       0       0       0         Plague       0       0       0       0       0       0         Yellow Fever       0       0       0       0       0       0	24 20 19
Typhoid         2         3         2         31         24           Viral Hepatitis A         1         1         1         17         20           Viral Hepatitis E         2         2         1         23         27           VECTOR-BORNE DISEASES           Chikungunya Fever         0         0         NA         7         1           Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0         0           Plague         0         0         0         0         0           Yellow Fever         0         0         0         0         0	20 19
Viral Hepatitis A         1         1         1         17         20           Viral Hepatitis E         2         2         1         23         27           VECTOR-BORNE DISEASES           Chikungunya Fever         0         0         NA         7         1           Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0           Plague         0         0         0         0           Yellow Fever         0         0         0         0	19
Viral Hepatitis E         2         2         1         23         27           VECTOR-BORNE DISEASES         0         0         NA         7         1           Chikungunya Fever         0         0         NA         7         1           Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0         0           Plague         0         0         0         0         0         0           Yellow Fever         0         0         0         0         0         0	19
VECTOR-BORNE DISEASES           Chikungunya Fever         0         0         NA         7         1           Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0         0           Plague         0         0         0         0         0           Yellow Fever         0         0         0         0         0	
Chikungunya Fever         0         0         NA         7         1           Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0         0           Plague         0         0         0         0         0           Yellow Fever         0         0         0         0         0	
Dengue Fever         48         69         69         818         881         1           Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0         0           Plague         0         0         0         0         0           Yellow Fever         0         0         0         0         0	NA
Dengue Haemorrhagic Fever         0         2         0         9         5           Malaria         4         4         4         24         25           Nipah virus infection         0         0         0         0         0           Plague         0         0         0         0         0           Yellow Fever         0         0         0         0         0	077
Malaria       4       4       4       24       25         Nipah virus infection       0       0       0       0       0         Plague       0       0       0       0       0         Yellow Fever       0       0       0       0       0	18
Nipah virus infection         0         0         0         0         0           Plague         0         0         0         0         0         0           Yellow Fever         0         0         0         0         0         0	24
Plague         0         0         0         0         0           Yellow Fever         0         0         0         0         0	0
Yellow Fever 0 0 0 0 0	0
	0
	<u> </u>
Avian Influenza 0 0 0 0 0	0
Diphtheria 0 0 0 0	0
Encephalitis 0 0 12 4	11
Haemophilus Influenzae B infection 0 0 0 0	0
	423
Legionellosis 2 0 0 8 7	6
Measles 0 0 0 17 42	10
Melioidosis 0 0 17 42 Melioidosis 0 2 8 7	14
Meningococcal Disease 0 0 0 1	1
- 9	196
Pertussis 1 0 0 15 6	5
	NA
Rubella 2 2 3 20 28	40
Severe acute respiratory syndrome 0 0 0 0 0	0
OTHER DISEASES	
Viral hepatitis B         2         1         1         14	15
Viral hepatitis B         2         1         1         11         14           Viral hepatitis C         3         0         0         9         1	1
POLYCLINIC ATTENDANCES - AVERAGE DAILY NUMBER***	
Acute upper respiratory infections 2556 2711 2598	
Acute conjunctivitis 92 109 109	
Acute Diarrhoea 444 429 406	
HIV/STI/TB NOTIFICATIONS* 2012 Feb Cumulative 2012	
HIV/AIDS 34 79	
Legally Notifiable STIs**  681  1273	
Tuberculosis 267 553	

<sup>\*</sup> Numbers are preliminary. Please check with MOH before quoting these figures.

<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).

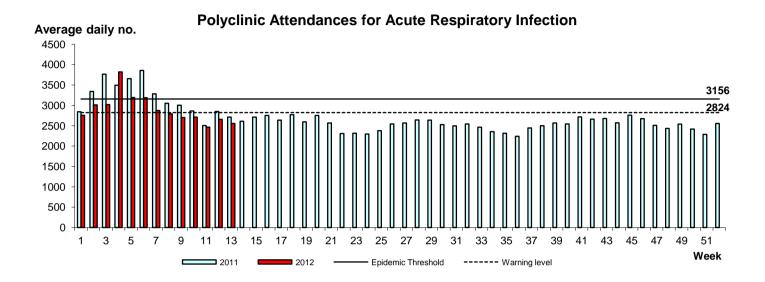
<sup>\*\*\*</sup> Wef E-week 6 of 2012, the no. of polyclinic attendances will be reflected on an average daily basis, instead of weekly basis, so as to take into account the number of working days in an E-week at the polyclinics for a more accurate representation of the underlying trends in the community.

2012 Notification	Epidem	Epidemiological Week 13 25 - 31 Mar 2012			ulative first	12	Weeks	
FOOD/WATER-BORNE DISEASES								
FOOD/WATER-BORNE DISEASES	<u> </u>	Imported :	1 sporadic		Imported :	1.1	sporadic	
Campylobacteriosis	14	Local :	11 sporadic	92	Local :		sporadic	
	Pending Inves		i i sporadic	Pending Inv		70	sporadic	
Cholera	r ending inves	Imported :	sporadic	r enaing inv			sporadic	
Sholera	0	Local :	sporadic	0	Imported : Local :		sporadic	
	Pending Inves		sporadic	Pending Inv			sporadic	
Paratyphoid	Ferfullig lifves	Imported :	sporadic	renaing inv	Imported :	10	sporadic	
	0	Local :	sporadic	23	Local :		sporadic	
	Pending Inves		sporadic	Pending Inv			sporadic	
	r ending inves	Imported :	sporadic	r ending inv	Imported :	25	sporadic	
Salmonellosis (non-enteric fevers)	35	Local:	25 sporadic	329	Local :		sporadic	
Salmonellosis (non-entent revers)	Danding Invo		25 sporadic	Danding Inc		301	sporadic	
	Pending Inves	_	0	Pending inv	restigation: 3	00	P-	
Typhoid	2	Imported :	2 sporadic	29	Imported :		sporadic	
	Dan din a lava	Local :	sporadic	Dandin a Inc	Local :	1	sporadic	
	Pending Inves	- T		Pending Inv		4.4		
Viral Hepatitis A	1	Imported :	sporadic	16	Imported :		sporadic	
	Dan din a lava	Local :	1 sporadic	Dandin a Inc	Local:	4	sporadic	
	Pending Inves	<u> </u>		Penaing inv	restigation :1		P-	
Viral Hepatitis E	2	Imported :	sporadic	21	Imported :		sporadic	
	5 " I	Local :	sporadic		Local :	12	sporadic	
	Pending Inves	itigation: 2		Pending Inv	estigation:			
VECTOR-BORNE DISEASES		1.						
Chikungunya Fever	0	Imported :	sporadic	7	Imported :		sporadic	
		Local:	sporadic		Local:	1	sporadic	
	Pending Inves			Pending Inv	estigation :1			
D	40	Active Clusters		770				
Dengue Fever	48	http://wnana/	donavo aov oa	770				
Danassa Haansanihania Fassan	0	nttp://www	dengue.gov.sg	- 0	_			
Dengue Haemorrhagic Fever	0			9				
Malaria		Imported:	2 sporadic		Imported :	20	sporadic	
	4	Local:	sporadic	20	Local:		sporadic	
	Pending Inves	Pending Investigation : 2			Pending Investigation :			
AIR/DROPLET-BORNE DISEASES				J				
		Imported:	sporadic		Imported:	4	sporadic	
Encephalitis	0	Local:	sporadic	12	Local :		sporadic	
	Pending Inves	<u> </u>	000.00.0	Pending Inv			орогаало	
		agaaon .		r onding in			sporadic	
	r criaing invoc	Imported :	enoradio		Ilmnorted ·	3	Sporadic	
Legionellosis	2	Imported :	sporadic	6	Imported :		enoradio	
Legionellosis	2	Local :	sporadic 2 sporadic		Local :		sporadic	
Legionellosis		Local :	2 sporadic		Local : restigation :1	2		
Legionellosis Melioidosis	2	Local : tigation : Imported :	2 sporadic sporadic		Local : restigation :1 Imported :	2	sporadic	
	2 Pending Inves	Local :  Imported :  Local :	2 sporadic	Pending Inv	Local :  Imported :  Local :	2		
Melioidosis	2 Pending Inves	Local : Imported : Local : tigation :	2 sporadic sporadic sporadic	Pending Inv	Local :  Imported :  Local :  restigation :1	7	sporadic sporadic	
	2 Pending Inves	Local : Imported : Local : tigation : Imported :	2 sporadic sporadic sporadic sporadic	Pending Inv	Local :  estigation :1  Imported :  Local :  restigation :1  Imported :	7	sporadic sporadic sporadic	
Melioidosis	2 Pending Inves 0 Pending Inves	Local: Imported: Local: tigation: Imported: Local: Imported: Local:	2 sporadic sporadic sporadic	Pending Inv 8 Pending Inv 0	Local:  restigation:1 Imported: Local: restigation:1 Imported: Local:	7	sporadic sporadic	
Melioidosis Meningococcal Disease	2 Pending Inves 0 Pending Inves	Local: Imported: Local: tigation: Imported: Local: Imported: Local:	2 sporadic sporadic sporadic sporadic	Pending Inv 8 Pending Inv	Local:  restigation:1 Imported: Local: restigation:1 Imported: Local:	7	sporadic sporadic sporadic	
Melioidosis Meningococcal Disease	2 Pending Inves 0 Pending Inves	Local: Imported: Local: tigation: Imported: Local: Imported: Local: tigation:	2 sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv 8 Pending Inv 0	Local:  restigation:1  Imported: Local: restigation:1  Imported: Local: Local: restigation:	7	sporadic sporadic sporadic sporadic	
Melioidosis Meningococcal Disease	2 Pending Inves 0 Pending Inves	Local: Imported: Local: tigation: Imported: Local: Local: tigation: Imported: Local:	2 sporadic sporadic sporadic sporadic sporadic 1 sporadic	Pending Inv 8 Pending Inv 0	Local:  restigation:1  Imported: Local: restigation:1  Imported: Local: Local: restigation:	7	sporadic sporadic sporadic sporadic sporadic	
Melioidosis  Meningococcal Disease  OTHER DISEASES	Pending Inves  0 Pending Inves  0 Pending Inves  2	Local: Imported: Local: Imported: Local: Imported: Local: Imported: Local: Imported: Local:	2 sporadic sporadic sporadic sporadic sporadic sporadic	Pending Inv 8 Pending Inv 0 Pending Inv	Local:  restigation:1  Imported: Local: restigation:1  Imported: Local: restigation:	7	sporadic sporadic sporadic sporadic	
Melioidosis  Meningococcal Disease  OTHER DISEASES	Pending Inves  0 Pending Inves  0 Pending Inves	Local: Imported: Local: tigation: Imported: Local: tigation: Imported: Local: tigation:	2 sporadic sporadic sporadic sporadic sporadic 1 sporadic sporadic	Pending Inv 8 Pending Inv 0 Pending Inv	Local:  restigation:1  Imported: Local: restigation:1  Imported: Local: restigation:  Imported: Local: restigation:	7	sporadic sporadic sporadic sporadic sporadic sporadic sporadic	
Melioidosis  Meningococcal Disease  OTHER DISEASES  Viral hepatitis B	Pending Inves  0 Pending Inves  0 Pending Inves  2	Local: Imported:	2 sporadic sporadic sporadic sporadic sporadic 1 sporadic sporadic sporadic	Pending Inv 8 Pending Inv 0 Pending Inv	Local:  Imported: Local:  restigation:1  Imported: Local: Local:  restigation:  Imported: Local: Local:  restigation:1	2 7 2 6	sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic	
Melioidosis  Meningococcal Disease  OTHER DISEASES	Pending Inves  0 Pending Inves  0 Pending Inves  2 Pending Inves	Local: Imported: Local: Imported: Local: Imported: Local: Imported: Local: Imported: Local: Imported: Local: Local: Local: Local:	2 sporadic sporadic sporadic sporadic sporadic 1 sporadic sporadic	Pending Inv  8 Pending Inv  0 Pending Inv  9 Pending Inv  6	Local:  restigation:1  Imported: Local: restigation:1  Imported: Local: restigation:  Imported: Local: restigation:	2 7 2 6	sporadic sporadic sporadic sporadic sporadic sporadic sporadic	

#### **Influenza Situation in Singapore 2012**

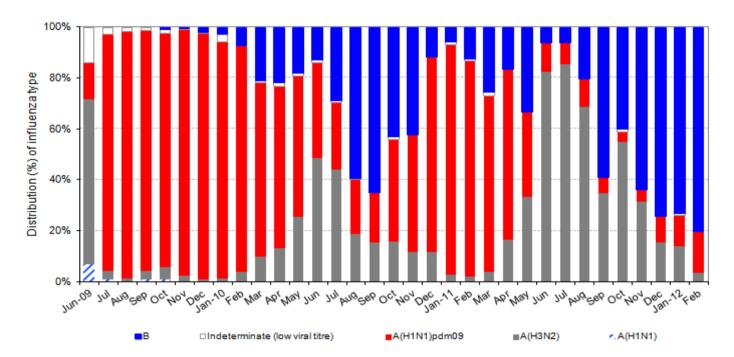
Influenza indicators for E-week 13 (25 - 31 March 2012) are as follows:

The average daily number of patients seeking treatment in the polyclinics for ARI increased from 2,658 (over 5.5 working days) in E-week 12 to 2,556 (over 5.5 working days) in E-week 13.

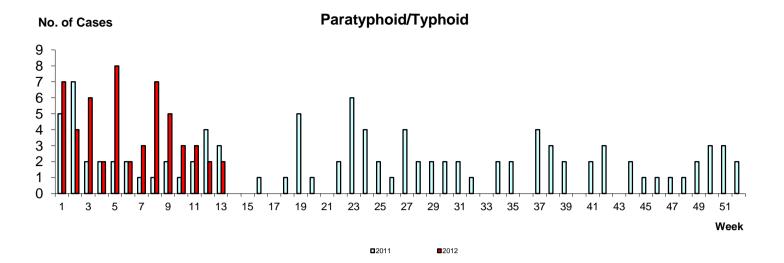


The proportion of cases with Influenza-Like Illness (ILI) among the polyclinic ARI cases was low at 1%.

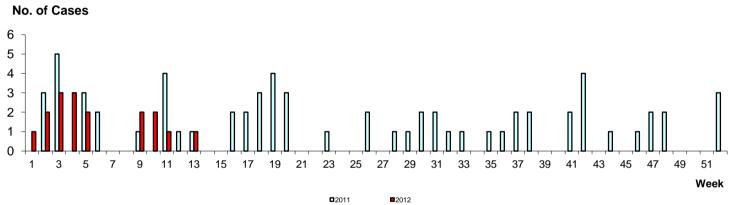
The overall prevalence of influenza among ILI samples (n=192) in the community was 43% (preliminary) in the past four weeks. Of all the influenza virus isolates collected in March 2012, influenza B constituted 74%, whilst influenza A(H1N1)pdm09 and influenza A(H3N2) constituted 15% and 11%, respectively.



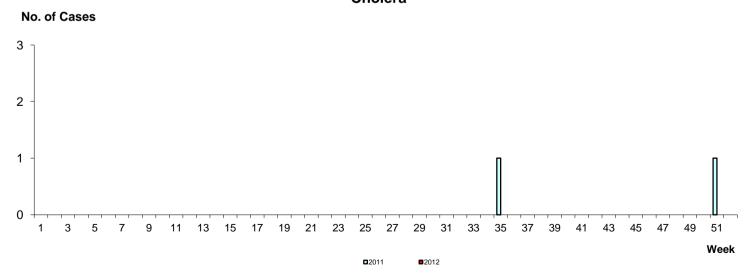
# WEEKLY INCIDENCE OF FOOD/WATER-BORNE DISEASES, 2011-2012



# Viral Hepatitis A



#### Cholera



# **WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2011-2012**

No. of Cases

300

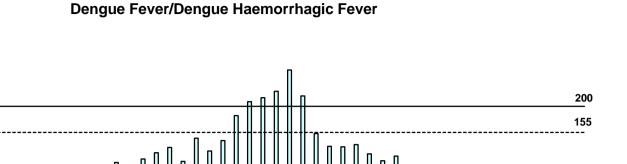
250

200

150

100

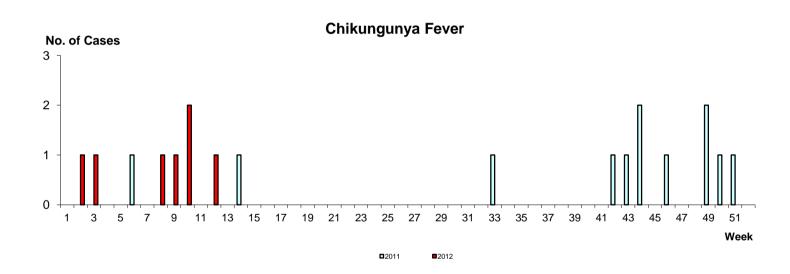
50

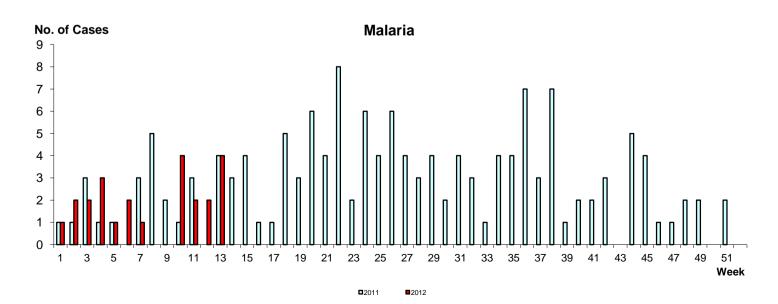


31

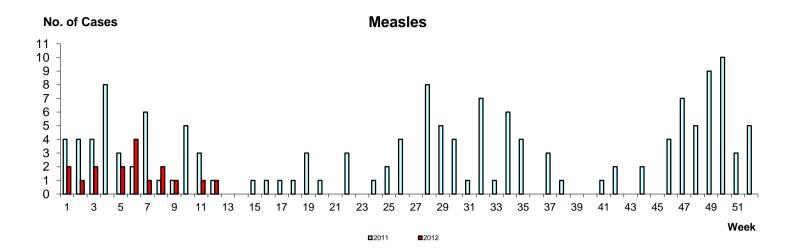
Week

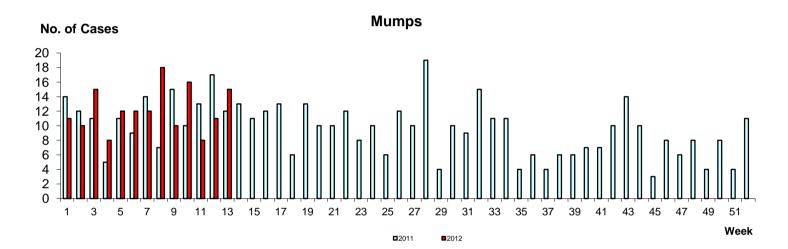
2011 Epidemic Threshold ------ Warning level

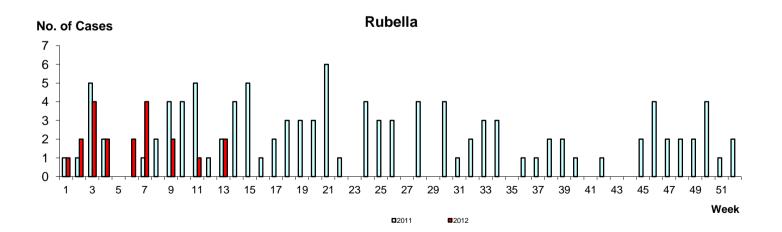




# WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2011-2012

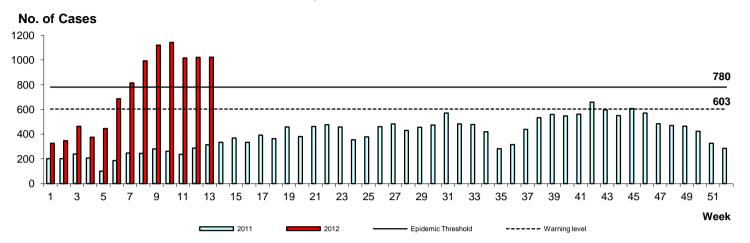




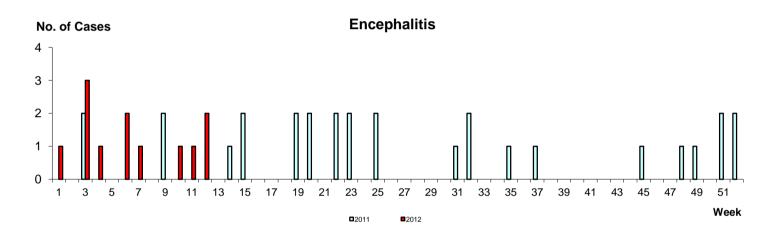


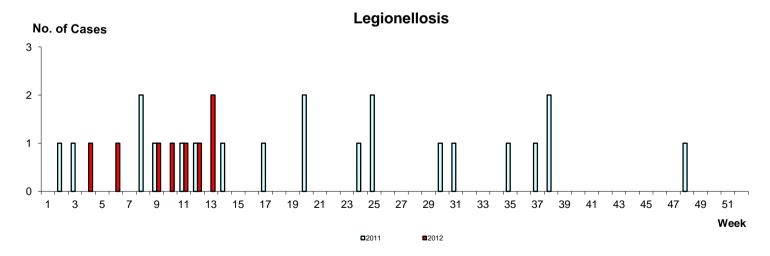
# WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2011-2012

#### Hand, Foot & Mouth Disease

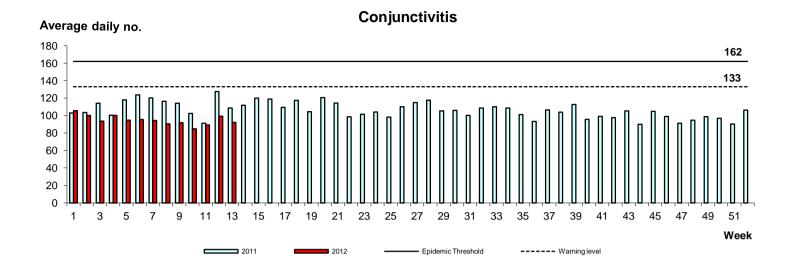


#### WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2011-2012





#### **POLYCLINIC ATTENDANCES, 2011-2012**



#### **Diarrhoeal Illness** Average daily no. \_\_\_<u>4</u>58 Week ---- Warning level