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WEEKLY INFECTIOUS DISEASE BULLETIN

EPIDEMIOLOGICAL WEEK 15 8 - 14 Apr 2012

| | E Week 15 | | | Cumulative first | | 15 Weeks | |
|------------------------------------|-----------|------|------------|------------------|------|------------|--|
| | 2012 | 2011 | Median | 2012 | 2011 | Median | |
| | 2012 | 2011 | 2007 -2011 | 2012 | 2011 | 2007 -2011 | |
| FOOD/WATER-BORNE DISEASES | | | | | | | |
| Campylobacteriosis | 12 | 7 | 7 | 120 | 107 | 55 | |
| Cholera | 0 | 0 | 0 | 0 | 0 | 0 | |
| Paratyphoid | 2 | 0 | 1 | 25 | 10 | 9 | |
| Poliomyelitis | 0 | 0 | 0 | 0 | 0 | 0 | |
| Salmonellosis (non-enteric fevers) | 34 | 33 | 27 | 421 | 334 | 258 | |
| Typhoid | 2 | 0 | 1 | 34 | 24 | 24 | |
| Viral Hepatitis A | 0 | 0 | 1 | 17 | 20 | 23 | |
| Viral Hepatitis E | 0 | 0 | 1 | 25 | 28 | 22 | |
| VECTOR-BORNE DISEASES | | | | | | | |
| Chikungunya Fever | 1 | 0 | NA | 7 | 2 | NA | |
| Dengue Fever | 81 | 76 | 96 | 953 | 1045 | 1209 | |
| Dengue Haemorrhagic Fever | 1 | 0 | 0 | 10 | 5 | 19 | |
| Malaria | 2 | 4 | 4 | 28 | 32 | 32 | |
| 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 Encephalitis | 0 | 2 | 2 | 11 | 7 | 12 | |
| Haemophilus Influenzae B infection | 0 | 0 | 0 | 0 | 0 | 0 | |
| Hand, Foot And Mouth Disease | 1171 | 369 | 571 | 11895 | 3710 | 6070 | |
| Legionellosis | 2 | 0 | 0 | 10 | 8 | 7 | |
| Measles | 1 | 1 | 1 | 18 | 43 | 10 | |
| Melioidosis | 1 | 0 | 0 | 8 | 7 | 15 | |
| Meningococcal Disease | 0 | 1 | 0 | 0 | 2 | 2 | |
| Mumps | 14 | 11 | 16 | 178 | 174 | 233 | |
| Pertussis | 0 | 0 | 0 | 16 | 6 | 5 | |
| Pneumococcal Disease (invasive) | 1 | 6 | NA | 41 | 35 | NA | |
| Rubella | 2 | 5 | 4 | 24 | 37 | 46 | |
| Severe acute respiratory syndrome | 0 | 0 | 0 | 0 | 0 | 0 | |
| OTHER DISEASES | <u> </u> | | | | | | |
| Viral hepatitis B | 0 | 2 | 1 | 11 | 17 | 18 | |
| Viral hepatitis C | 1 | 0 | 0 | 7 | 1 | 2 | |
| POLYCLINIC ATTENDANCES - AVER | • | | | • | | | |
| Acute upper respiratory infections | 2930 | 2713 | 2713 | | | | |
| Acute conjunctivitis | 85 | 120 | 109 | | | | |
| Acute Diarrhoea | 444 | 424 | 413 | | | | |
| HIV/STI/TB NOTIFICATIONS* | 2012 | Mar | 10 | Cumulative 2012 | | | |
| HIV/AIDS | | 16 | | 125 | | | |
| Legally Notifiable STIs** | | 71 | | 1944 | | | |
| | | | | 826 | | | |
| Tuberculosis | 1 2 | 73 | | 820 | 0 | | |

^{*} Numbers are preliminary. Please check with MOH before quoting these figures.

^{**} 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.

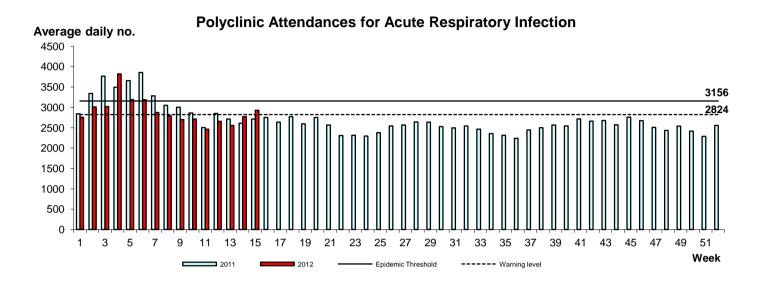
SUMMARY OF INVESTIGATIONS, EPIDEMIOLOGICAL WEEK 15 8 - 14 Apr 2012

| 2012 Notification | Epiden | Epidemiological Week 15 8 - 14 Apr 2012 | | Cumulative first | | 14 | Weeks |
|---|--|--|---|--|--|-----------------------|--|
| FOOD/WATER-BORNE DISEASE | S | 0 - 1- | Apr 2012 | | | | |
| | | Imported: | 1 sporadic | | Imported: | 15 | sporadic |
| Campylobacteriosis | 12 | Local: | 9 sporadic | 108 | Local : | | sporadic |
| | Pending Inve | | о орология | Pending Inv | | | |
| Cholera | | Imported : | sporadic | | Imported : | | sporadic |
| | 0 | Local : | sporadic | 0 | Local : | | sporadic |
| | Pending Inve | estigation : | | Pending Inv | estigation: | | |
| Paratyphoid | 2 | Imported: | 1 sporadic | 23 | Imported: | 18 | sporadic |
| | | Local: | sporadic | | Local: | 5 | sporadic |
| | Pending Inve | ding Investigation :1 | | | Pending Investigation : | | |
| Salmonellosis (non-enteric fevers) | 34 | Imported: | 2 sporadic | 387 | Imported: | | sporadic |
| | | Local: | 23sporadic | | Local : | 355 | sporadic |
| | Pending Inve | | | Pending Inv | estigation: 5 | | |
| Typhoid | 2 | Imported: | 2 sporadic | 32 | Imported: | | sporadic |
| | | Local : | sporadic | | Local : | 1 | sporadic |
| | Pending Inve | | | Pending Inv | | | |
| Viral Hepatitis A | 0 | Imported : | sporadic | 17 | Imported : | | sporadic |
| | Develor a lavor | Local : | sporadic | Daniella arter | Local : | 5 | sporadic |
| | Pending Inve | _ <u> </u> | | Penaing inv | restigation :1 | - 11 | |
| Viral Hepatitis E | 0 | Imported : | sporadic | 25 | Imported : | | sporadic |
| | Pending Inve | Local : | sporadic | | Local : restigation : 1 | 13 | sporadic |
| VECTOR-BORNE DISEASES | renaing inve | sugation. | | rending in | estigation . T | | |
| VECTOR-BORNE DISEASES | | Imported: | 1 sporadic | | Imported: | 5 | sporadic |
| Chikungunya Fever | 1 | Local : | sporadic | 6 | Imported : Local : | | sporadic |
| | Pending Inve | | эрогасіс | Pending Inv | | | sporadic |
| Dengue Fever | 81 | Active Clusters | | | | | |
| Deligue i ever | . | http://www. | dengue.gov.sg | 872 | | | |
| Dengue Haemorrhagic Fever | 1 | | | 9 | | | |
| C C | | | | | | | |
| Molorio | | | | | | | |
| Malaria | 2 | Imported : | 2 sporadic | 200 | Imported : | 26 | sporadic |
| Malaria | 2 | Imported : Local : | 2 sporadic sporadic | 26 | Imported : Local : | | sporadic sporadic |
| | Pending Inve | Local : | · | 26 Pending Inv | Local : | | - |
| Malaria AIR/DROPLET-BORNE DISEASE | Pending Inve | Local : | · | | Local : | | - |
| AIR/DROPLET-BORNE DISEASE | Pending Inve | Local : estigation : Imported : | sporadic sporadic | Pending Inv | Local : | 3 | sporadic sporadic |
| | Pending Inve | Local : | sporadic | Pending Inv | Local : estigation : Imported : Local : | 3 | sporadic |
| AIR/DROPLET-BORNE DISEASE | Pending Inve | Local : Imported : Local : estigation : | sporadic sporadic sporadic | Pending Inv | Local : estigation : Imported : Local : estigation : | 3 8 | sporadic sporadic sporadic |
| AIR/DROPLET-BORNE DISEASE Encephalitis | Pending Inve | Local : Imported : Local : | sporadic sporadic | Pending Inv | Local : estigation : Imported : Local : | 3 8 | sporadic sporadic sporadic |
| AIR/DROPLET-BORNE DISEASE Encephalitis | Pending Inve | Local : Imported : Local : estigation : Imported : Local : Local : | sporadic sporadic sporadic | Pending Inv 11 Pending Inv 8 | Local : Imported : Local : restigation : Imported : Local : Local : Local : | 3 8 | sporadic sporadic sporadic |
| AIR/DROPLET-BORNE DISEASE | Pending Inve | Local : Imported : Local : estigation : Imported : Local : Local : | sporadic sporadic 1 sporadic | Pending Inv 11 Pending Inv 8 | Local : Imported : Local : restigation : Imported : | 3 8 3 4 | sporadic sporadic sporadic sporadic sporadic |
| AIR/DROPLET-BORNE DISEASE Encephalitis Legionellosis | Pending Inve | Local : Imported : Local : estigation : Imported : Local : estigation : Imported : Local : Imported : Local : Imported : | sporadic sporadic sporadic 1 sporadic 1 sporadic sporadic | Pending Inv 11 Pending Inv 8 Pending Inv | Local: Imported: Local: estigation: Imported: Local: Local: estigation:1 Imported: | 3 8 3 4 | sporadic sporadic sporadic sporadic sporadic |
| AIR/DROPLET-BORNE DISEASE Encephalitis Legionellosis | Pending Inve | Local : Imported : Local : estigation : Imported : Local : estigation : Imported : Local : estigation : Local : Local : | sporadic sporadic sporadic 1 sporadic 1 sporadic | Pending Inv 11 Pending Inv 8 Pending Inv 7 | Local: Imported: Local: restigation: Imported: Local: restigation:1 Imported: Local: restigation:1 | 3 8 3 4 | sporadic sporadic sporadic sporadic sporadic |
| AIR/DROPLET-BORNE DISEASE Encephalitis Legionellosis Melioidosis | Pending Inve | Local: Imported: Local: estigation: Imported: Local: Local: estigation: Imported: Local: estigation: Imported: Local: | sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic | Pending Inv 11 Pending Inv 8 Pending Inv | Local: Imported: Local: estigation: Imported: Local: estigation:1 Imported: Local: estigation:1 | 3 8 3 4 | sporadic sporadic sporadic sporadic sporadic sporadic sporadic |
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| AIR/DROPLET-BORNE DISEASE Encephalitis Legionellosis Melioidosis | Pending Inve | Local: Imported: Local: | sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic | Pending Inv 11 Pending Inv 8 Pending Inv 7 Pending Inv 0 | Local: Imported: Local: estigation: Imported: Local: estigation:1 Imported: Local: estigation:1 Imported: Local: estigation: Local: | 3 8 3 4 | sporadic sporadic sporadic sporadic sporadic sporadic sporadic |
| AIR/DROPLET-BORNE DISEASE Encephalitis Legionellosis Melioidosis Meningococcal Disease | Pending Inve | Local: Imported: Local: | sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic sporadic sporadic | Pending Inv 11 Pending Inv 8 Pending Inv 7 Pending Inv | Local: Imported: Local: estigation: Imported: Local: estigation:1 Imported: Local: estigation:1 Imported: Local: estigation: Local: | 3 8 3 4 | sporadic sporadic sporadic sporadic sporadic sporadic sporadic |
| AIR/DROPLET-BORNE DISEASE Encephalitis Legionellosis Melioidosis Meningococcal Disease | Pending Inve | Local: Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation: 1 Imported: Local: estigation: 1 Imported: Local: estigation: | sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic sporadic | Pending Inv 11 Pending Inv 8 Pending Inv 7 Pending Inv 0 | Local: Imported: Local: restigation: Imported: Local: restigation:1 Imported: Local: restigation:1 Imported: Local: restigation: Imported: Local: restigation: | 3 8 3 4 | sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic |
| AIR/DROPLET-BORNE DISEASE Encephalitis Legionellosis Melioidosis Meningococcal Disease | Pending Inve | Local: Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation: Imported: Local: estigation: Imported: Local: | sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic | Pending Inv 11 Pending Inv 8 Pending Inv 7 Pending Inv 0 | Local: Imported: Local: restigation: Imported: Local: restigation:1 Imported: Local: restigation:1 Imported: Local: restigation: Imported: Local: restigation: | 3 8 3 4 | sporadic |
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| AIR/DROPLET-BORNE DISEASE Encephalitis Legionellosis Melioidosis Meningococcal Disease OTHER DISEASES | Pending Inventors 0 Pending Inventors 2 Pending Inventors 1 Pending Inventors 0 Pending Inventors | Local: Imported: Local: | sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic | Pending Inv 11 Pending Inv 8 Pending Inv 7 Pending Inv 0 Pending Inv | Local: Imported: Local: restigation: Imported: Local: restigation:1 Imported: Local: restigation: Imported: Local: restigation: Imported: Local: restigation: | 3 8 3 4 7 | sporadic |
| AIR/DROPLET-BORNE DISEASE Encephalitis Legionellosis Melioidosis Meningococcal Disease OTHER DISEASES | Pending Inve | Local: Imported: Local: | sporadic sporadic 1 sporadic 1 sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic | Pending Inv 11 Pending Inv 8 Pending Inv 7 Pending Inv 0 Pending Inv 11 | Local: Imported: Local: restigation: Imported: Local: restigation:1 Imported: Local: restigation:1 Imported: Local: restigation: Imported: Local: restigation: Imported: Local: restigation: | 3 8 3 4 7 | sporadic |

Influenza Situation in Singapore 2012

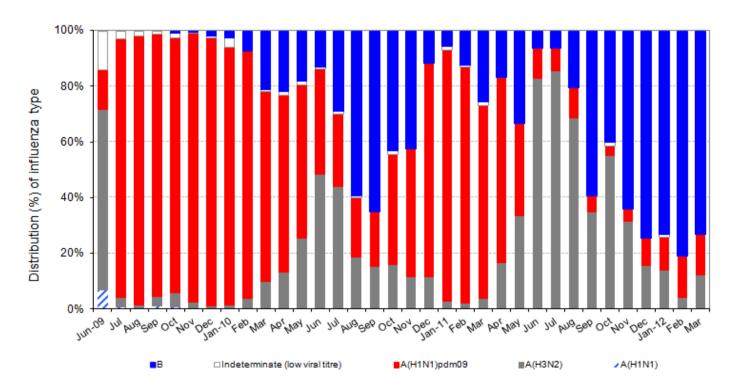
Influenza indicators for E-week 15 (8 - 14 April 2012) are as follows:

The average daily number of patients seeking treatment in the polyclinics for ARI increased from 2,772 (over 4.5 working days) in E-week 14 to 2,930 (over 5.5 working days) in E-week 15.

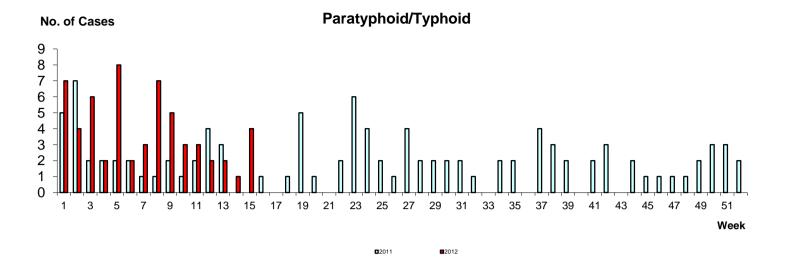


The proportion of cases with Influenza-Like Illness (ILI) among the polyclinic ARI cases was low at 1%.

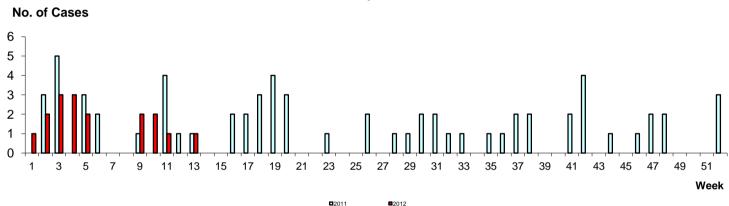
The overall prevalence of influenza among ILI samples (n=177) in the community was 40% (preliminary) in the past four weeks. Of all the influenza virus isolates collected in March 2012, influenza B constituted 73%, whilst influenza A(H1N1)pdm09 and influenza A(H3N2) constituted 15% and 12%, respectively.



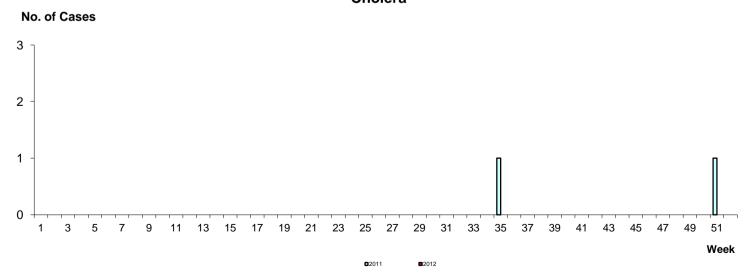
WEEKLY INCIDENCE OF FOOD/WATER-BORNE DISEASES, 2011-2012



Viral Hepatitis A

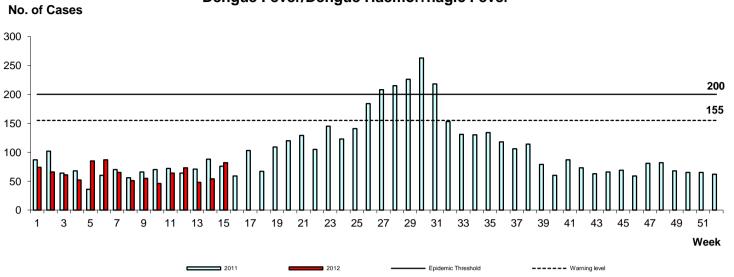


Cholera

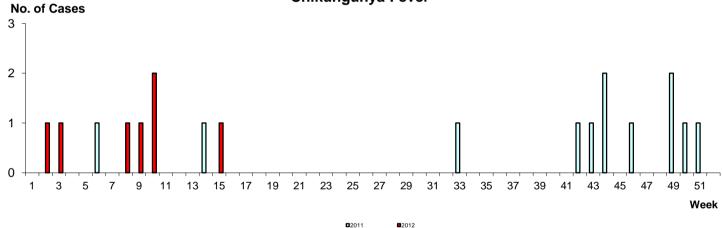


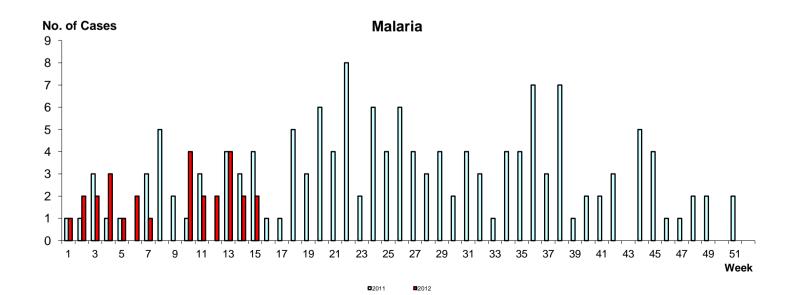
WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2011-2012



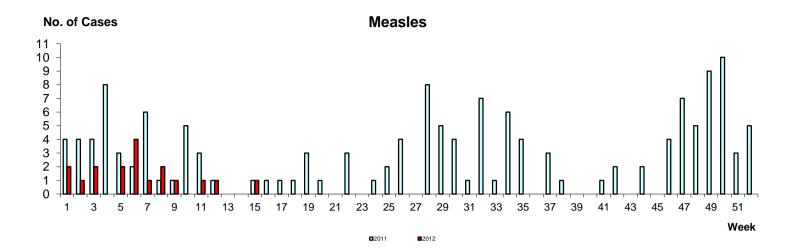


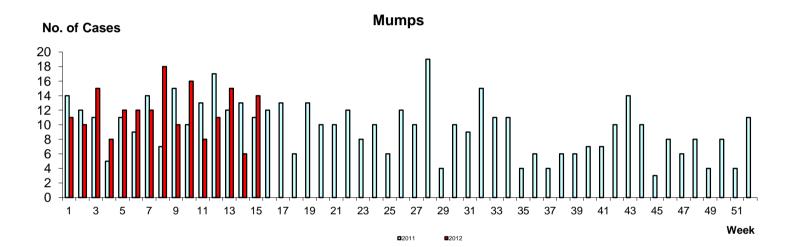
Chikungunya Fever

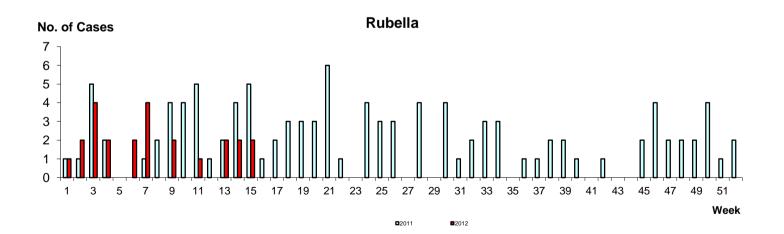




WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2011-2012

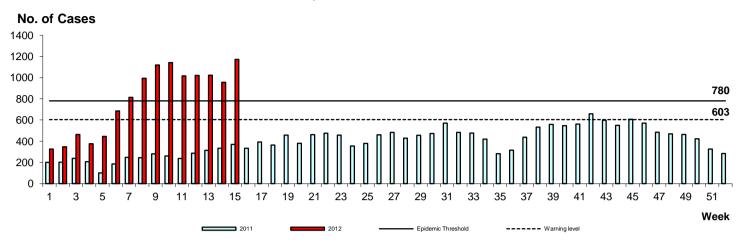




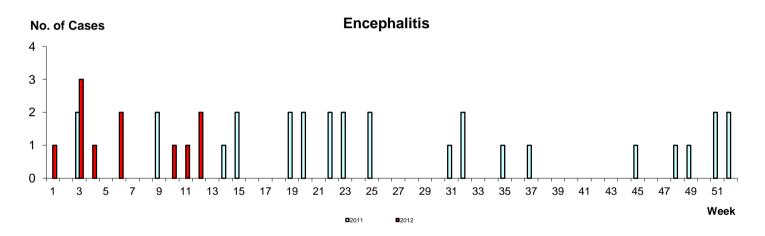


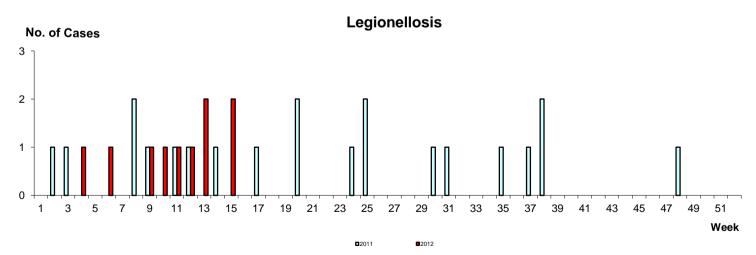
WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2011-2012

Hand, Foot & Mouth Disease

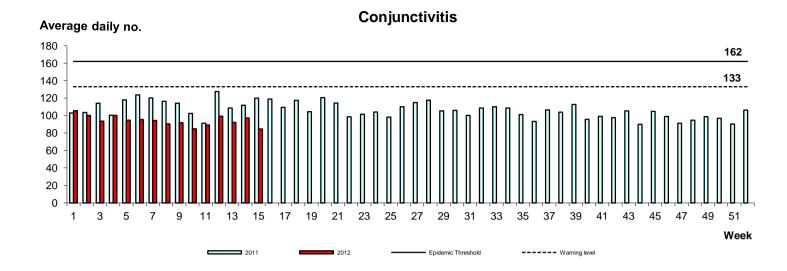


WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2011-2012





POLYCLINIC ATTENDANCES, 2011-2012



Diarrhoeal Illness Average daily no. ___<u>4</u>58 41 43 45 47 Week - Epidemic Threshold