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# WEEKLY INFECTIOUS DISEASE BULLETIN

EPIDEMIOLOGICAL WEEK 6 6 - 12 Feb 2011

|                                    | E Week 6   |       |            | Cumula  | ative first | 6 Weeks    |  |
|------------------------------------|------------|-------|------------|---------|-------------|------------|--|
|                                    | 2011       | 2010  | Median     | 2011    | 2010        | Median     |  |
|                                    | 2011       | 2010  | 2006 -2010 | 2011    | 2010        | 2006 -2010 |  |
| FOOD/WATER-BORNE DISEASES          |            |       |            |         |             |            |  |
| Campylobacteriosis                 | 9          | 2     | 2          | 49      | 39          | 27         |  |
| Cholera                            | 0          | 0     | 0          | 0       | 0           | 0          |  |
| Paratyphoid                        | 1          | 2     | 1          | 4       | 6           | 4          |  |
| Poliomyelitis                      | 0          | 0     | 0          | 0       | 0           | 0          |  |
| Salmonellosis (non-enteric fevers) | 20         | 19    | 9          | 127     | 165         | 95         |  |
| Typhoid                            | 1          | 2     | 2          | 16      | 18          | 13         |  |
| Viral Hepatitis A                  | 2          | 2     | 2          | 13      | 14          | 15         |  |
| Viral Hepatitis E                  | 0          | 1     | 0          | 16      | 18          | 3          |  |
| VECTOR-BORNE DISEASES              |            |       |            |         |             |            |  |
| Chikungunya Fever                  | 1          | 0     | NA         | 1       | 14          | NA         |  |
| Dengue Fever                       | 60         | 111   | 74         | 415     | 581         | 581        |  |
| Dengue Haemorrhagic Fever          | 0          | 0     | 1          | 2       | 5           | 8          |  |
| Malaria                            | 0          | 1     | 1          | 7       | 10          | 11         |  |
| 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          | 0     | 0          | 2       | 1           | 2          |  |
| Haemophilus Influenzae B infection | 0          | 0     | 0          | 0       | 0           | 0          |  |
| Hand, Foot And Mouth Disease       | 186        | 330   | 221        | 1136    | 1805        | 1400       |  |
| Legionellosis                      | 0          | 0     | 1          | 2       | 1           | 3          |  |
| Measles                            | 2          | 0     | 0          | 25      | 10          | 2          |  |
| Melioidosis                        | 2          | 1     | 1          | 6       | 5           | 9          |  |
| Meningococcal Disease              | 0          | 0     | 0          | 0       | 1           | 1          |  |
| Mumps                              | 9          | 16    | 16         | 62      | 63          | 94         |  |
| Pertussis                          | 0          | 0     | 0          | 3       | 1           | 3          |  |
| Pneumococcal Disease (invasive)    | 4          | 10    | NA         | 17      | 38          | NA         |  |
| Rubella                            | 0          | 5     | 3          | 9       | 53          | 20         |  |
| Severe acute respiratory syndrome  | 0          | 0     | 0          | 0       | 0           | 0          |  |
| OTHER DISEASES                     | ! <u>!</u> |       | <u> </u>   |         |             |            |  |
| Viral hepatitis B                  | 1          | 1     | 1          | 5       | 9           | 9          |  |
| Viral hepatitis C                  | 1          | 0     | 0          | 1       | 0           | 1          |  |
| POLYCLINIC ATTENDANCES             |            |       | _          |         |             |            |  |
| Acute upper respiratory infections | 21204      | 13313 | 13886      | 106107  | 91978       | 81813      |  |
| Acute conjunctivitis               | 680        | 483   | 607        | 3349    | 3278        | 3334       |  |
| Acute Diarrhoea                    | 2812       | 2194  | 2194       | 14391   | 13778       | 13361      |  |
| HIV/STI/TB NOTIFICATIONS*          | 2011       | Jan   | 1          | Cumulat |             |            |  |
| HIV/AIDS                           | 3          |       |            | 32      |             |            |  |
| Legally Notifiable STIs**          | 60         |       |            | 60-     |             |            |  |
| Tuberculosis                       |            |       |            | 134     |             |            |  |
| TUDETCUIOSIS                       | 134        |       |            | 13      | 4           |            |  |

<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).

| 2011 Notification  | Epiden            | Epidemiological Week 6<br>6 - 12 Feb 2011  |   | Cumulative first  |  | 5     | Weeks   |  |
|--|-------------------|--|---|---|--|-------|---|--|
|  |                   | 6 - 12 Feb 2011  |   |   |  |       |   |  |
| FOOD/WATER-BORNE DISEAS  | ES                | lus us a ut a al .   |   |   | lasa sata di   | 7     |   |  |
| Campylobacteriosis   | 9                 | Imported :   | sporadic  | 40  | Imported :   |       | sporadic  |  |
|  | Pending Inve      | Local :  | 6 sporadic  | Donding In  | Local :  | 33    | sporadic  |  |
| Cholera  | Pending inve      |  | anaradia  | Pending in  | estigation :   |       | oporadia  |  |
|  | 0                 | Imported :   | sporadic  | 0   | Imported :<br>Local :  |       | sporadic  |  |
|  | Pending Inve      | Local :  | sporadic  | Ponding Inv   | /estigation :  |       | sporadic  |  |
|  | r ending inve     | Imported :   | 1 sporadic  |   | Imported :   | 3     | sporadic  |  |
| Paratyphoid  | 1                 | Local :  | sporadic  | 3   | Local :  |       | sporadic  |  |
|  | Pending Inve      | Pending Investigation :  |   |   | Pending Investigation :  |       |   |  |
|  |                   | Imported :   | 3 sporadic  |   | Imported :   | 15    | sporadic  |  |
| Salmonellosis (non-enteric fevers)   | 20                | Local :  | 10 sporadic   | 107   | Local :  |       | sporadic  |  |
|  | Pending Inve      |  | To Sporadio   | Pending Inv   | vestigation :  | - 52  | Sporadic  |  |
|  | r criding inve    | Imported :   | 1 sporadic  | r criaing in  | Imported :   | 15    | sporadic  |  |
| Typhoid  | 1                 | Local :  | sporadic  | 15  | Local :  |       | sporadic  |  |
|  | Pending Inve      |  | эрогасіс  | Pending Inv   | estigation :   |       | Sporadic  |  |
|  |                   | Imported :   | 1 sporadic  |   | Imported :   | 6     | sporadic  |  |
| Viral Hepatitis A  | 2                 | Local :  | sporadic  | 11  | Local :  |       | sporadic  |  |
|  | Pending Inve      |  | oporadio  | Pending Inv   | estigation :   |       | oporadio  |  |
|  |                   | Imported :   | sporadic  |   | Imported :   | 10    | sporadic  |  |
| Viral Hepatitis E  | 0                 | Local :  | sporadic  | 16  | Local :  |       | sporadic  |  |
|  | Pending Inve      |  | орогасно  | Pending Inv   | estigation :1  |       | орогааго  |  |
| VECTOR-BORNE DISEASES  | . onang mre       | onganon i  |   | . c.i.a.i.g iiii  | . conganon r   |       |   |  |
|  |                   | Imported:  | 1 sporadic  |   | Imported :   |       | sporadic  |  |
| Chikungunya Fever  | 1                 | Local :  | sporadic  | 0   | Local:   |       | sporadic  |  |
|  | Pending Inve      |  |   | Pendina Inv   | estigation:  |       |   |  |
| Dengue Fever Dengue Haemorrhagic Fever   | 60                | Active Cluster <a href="http://www.">http://www.</a>   | s<br>dengue.gov.sg  | 355   |  |       |   |  |
| Molorio  | 0                 | Imported :   | sporadic  | 7   | Imported :   | 6     | sporadic  |  |
| Malaria  | U                 | Local:   | sporadic  | ′   | Local:   | 1     | sporadic  |  |
|  | Pending Inve      | Pending Investigation :  |   |   | Pending Investigation :  |       |   |  |
| AIR/DROPLET-BORNE DISEAS   | EC.               |  |   |   |  |       |   |  |
|  | ES                |  |   |   |  |       |   |  |
|  |                   | Imported :   | sporadic  | 2   | Imported :   |       | sporadic  |  |
|  | 0                 | Imported :   | sporadic<br>sporadic  | 2   | Imported :<br>Local :  |       | sporadic<br>sporadic  |  |
|  |                   | Local :  |   | 2<br>Pending Inv  | Local :  |       | •   |  |
| Encephalitis   | 0<br>Pending Inve | Local :  |   | Pending Inv   | Local :  | 2     | •   |  |
| Encephalitis   | 0                 | Local :  | sporadic  |   | Local :<br>/estigation :   | 2     | sporadic<br>sporadic  |  |
| Encephalitis   | 0<br>Pending Inve | Local :  Imported :  Local :   | sporadic<br>sporadic  | Pending Inv   | Local :  Imported :  Local :   | 2     | sporadic  |  |
| Encephalitis<br>Legionellosis  | 0 Pending Inve    | Local :  Imported : Local :  Local :  estigation :   | sporadic<br>sporadic<br>sporadic  | Pending Inv   | Local : /estigation :  Imported : Local : /estigation :  | 1 1   | sporadic<br>sporadic<br>sporadic  |  |
| Encephalitis<br>Legionellosis  | 0<br>Pending Inve | Local :  Imported :  Local :   | sporadic sporadic sporadic  | Pending Inv   | Local :  Imported :  Local :   | 1 1   | sporadic<br>sporadic  |  |
| Encephalitis<br>Legionellosis  | 0 Pending Inve    | Local : estigation : Imported : Local : estigation : Imported : Local :  | sporadic<br>sporadic<br>sporadic  | Pending Inv<br>2<br>Pending Inv<br>4                                | Local :  vestigation :  Imported :  Local :  vestigation :  Imported :  Local :  | 1 1   | sporadic<br>sporadic<br>sporadic<br>sporadic  |  |
| Encephalitis  Legionellosis  Melioidosis   | Pending Inve      | Local : estigation : Imported : Local : estigation : Imported : Local :  | sporadic sporadic sporadic sporadic 2 sporadic  | Pending Inv 2 Pending Inv 4 Pending Inv                             | Local :  vestigation :  Imported :  Local :  vestigation :  Imported :  Local :  | 1 1   | sporadic<br>sporadic<br>sporadic<br>sporadic  |  |
| Encephalitis  Legionellosis  Melioidosis   | 0 Pending Inve    | Local : estigation : Imported : Local : estigation : Imported : Local : Local : estigation :   | sporadic sporadic sporadic sporadic 2 sporadic sporadic                                     | Pending Inv<br>2<br>Pending Inv<br>4                                | Local :  vestigation :  Imported :  Local :  vestigation :  Imported :  Local :  vestigation :   | 1 1 4 | sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic                      |  |
| Encephalitis  Legionellosis  Melioidosis   | Pending Inve      | Local : estigation : Imported : Local :                                | sporadic sporadic sporadic sporadic 2 sporadic  | Pending Inv 2 Pending Inv 4 Pending Inv 0                           | Local:  restigation:  Imported: Local:  restigation:  Imported: Local:  restigation:  Imported: Local:  restigation:                               | 1 1 4 | sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic                                  |  |
| Encephalitis  Legionellosis  Melioidosis  Meningococcal Disease                                    | Pending Inve      | Local : estigation : Imported : Local :                                | sporadic sporadic sporadic sporadic 2 sporadic sporadic                                     | Pending Inv 2 Pending Inv 4 Pending Inv 0                           | Local:  //estigation:  Imported: Local:  //estigation:  Imported: Local:  //estigation:  Imported: Local:  //estigation:                           | 1 1 4 | sporadic sporadic sporadic sporadic sporadic sporadic                                     |  |
| Legionellosis  Melioidosis  Meningococcal Disease  OTHER DISEASES                                  | Pending Inve      | Local:  Imported: Local:                 | sporadic sporadic sporadic sporadic 2 sporadic sporadic sporadic sporadic                   | Pending Inv 2 Pending Inv 4 Pending Inv 0 Pending Inv               | Local :  /estigation :  Imported : Local :  /estigation :  Imported : Local :  /estigation :  Imported : Local :  /estigation :                    | 1 1 4 | sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic                      |  |
| Legionellosis  Melioidosis  Meningococcal Disease  OTHER DISEASES                                  | Pending Inve      | Local : estigation : Imported : Local :                                | sporadic sporadic sporadic sporadic 2 sporadic sporadic                                     | Pending Inv 2 Pending Inv 4 Pending Inv 0                           | Local:  //estigation:  Imported: Local:  //estigation:  Imported: Local:  //estigation:  Imported: Local:  //estigation:                           | 1 1   | sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic          |  |
| Legionellosis  Melioidosis  Meningococcal Disease  OTHER DISEASES                                  | Pending Inve      | Local:  Imported: Local:  Local:  Imported: Local:  Local: | sporadic sporadic sporadic sporadic 2 sporadic sporadic sporadic sporadic sporadic          | Pending Inv 2 Pending Inv 4 Pending Inv 0 Pending Inv               | Local :  /estigation :  Imported : Local :  /estigation :  Imported : Local :  /estigation :  Imported : Local :  /estigation :                    | 1 1   | sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic<br>sporadic          |  |
| Encephalitis  Legionellosis  Melioidosis  Meningococcal Disease  OTHER DISEASES  Viral hepatitis B | Pending Inve      | Local:  estigation:  Imported: Local:  estigation:  Imported: Local:  estigation:  Imported: Local:  estigation:  Imported: Local: estigation:                         | sporadic sporadic sporadic sporadic 2 sporadic sporadic sporadic sporadic sporadic sporadic | Pending Inv 2 Pending Inv 4 Pending Inv 0 Pending Inv 4 Pending Inv | Local :  /estigation :  Imported : Local :  /estigation :  Imported : Local :  /estigation :  Imported : Local :  /estigation :                    | 1 1 3 | sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic sporadic          |  |
| Encephalitis  Legionellosis  Melioidosis  Meningococcal Disease  OTHER DISEASES                    | Pending Inve      | Local:  Imported: Local:  Local:  Imported: Local:  Local: | sporadic sporadic sporadic sporadic 2 sporadic sporadic sporadic sporadic sporadic          | Pending Inv 2 Pending Inv 4 Pending Inv 0 Pending Inv               | Local:  /estigation:  Imported: Local:  /estigation:  Imported: Local:  /estigation:  Imported: Local: /estigation:  Imported: Local: /estigation: | 1 1 3 | sporadic |  |

#### **Influenza Situation in Singapore 2011**

Influenza indicators for E-week 6 (6 - 12 Feb 2011) are as follows:

The number of patients seeking treatment in polyclinics for Acute Respiratory Infections (ARI) was 21,204 in E-week 6 (daily average of 3,855 over 5.5 working days), compared to 10,966 in E-week 5 (daily average of 3,655 over 3 working days).

#### **Polyclinic Attendances for Acute Respiratory Infection** No. of Cases Λ

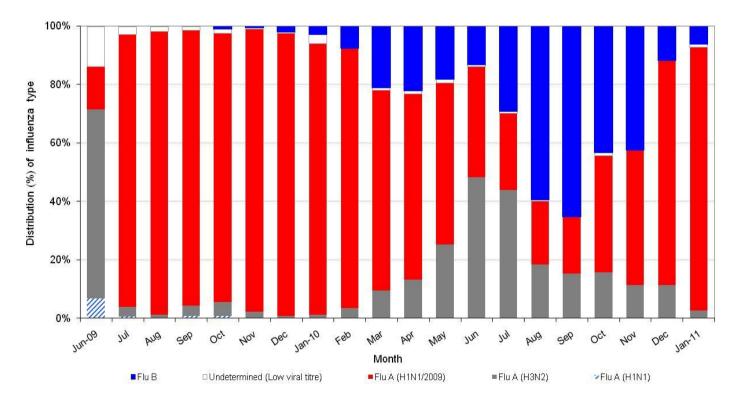
The proportion of cases with Influenza-Like Illness (ILI) among the polyclinic ARI cases remained at 2%.

The overall prevalence of influenza among ILI samples (n=441) in the community was 53.7% (preliminary) in the past four weeks. Of all the influenza virus isolates in January 2011, influenza A (H1N1-2009) comprised 90% whilst influenza B and influenza A (H3N2) constituted 6% and 3% respectively.

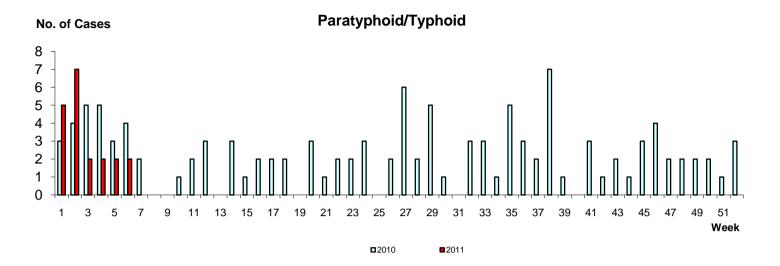
Foidemic Threshold

---- Warning level

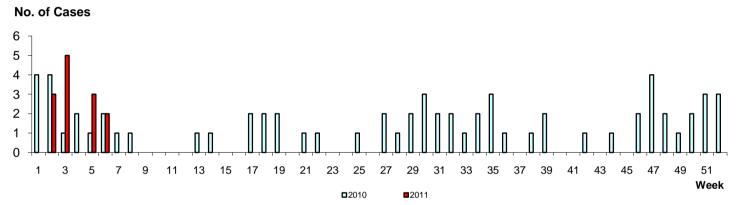
Week



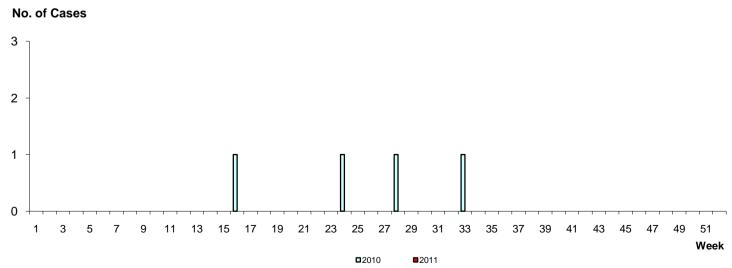
## WEEKLY INCIDENCE OF FOOD/WATER-BORNE DISEASES, 2010-2011



## Viral Hepatitis A

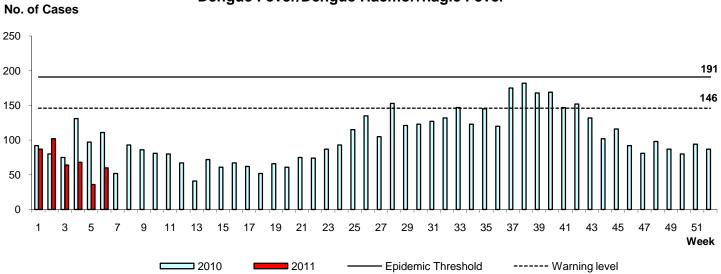


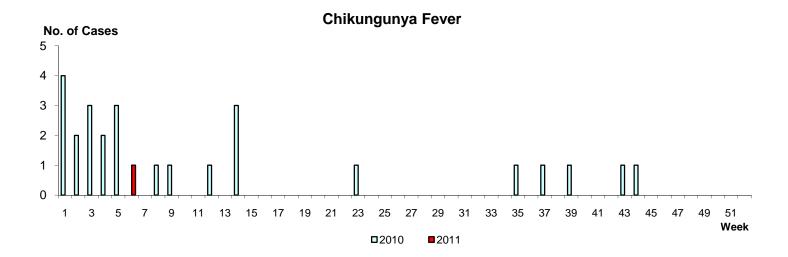
#### Cholera

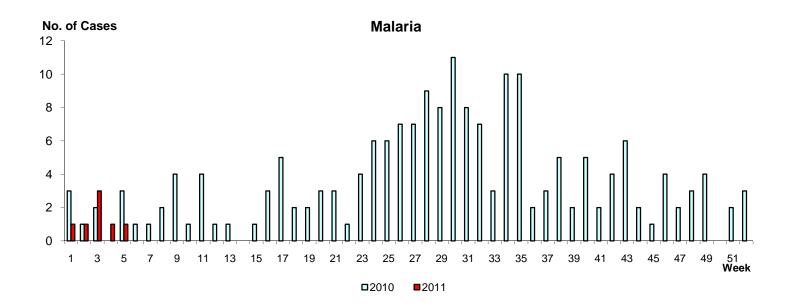


#### **WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2010-2011**

## **Dengue Fever/Dengue Haemorrhagic Fever**

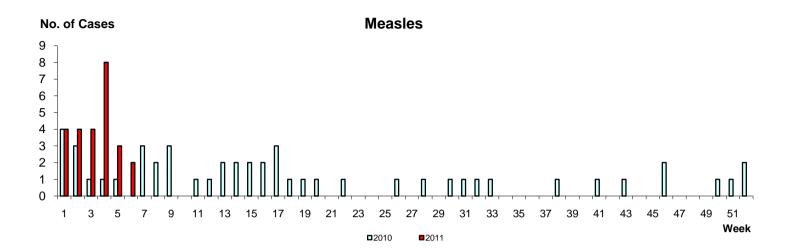


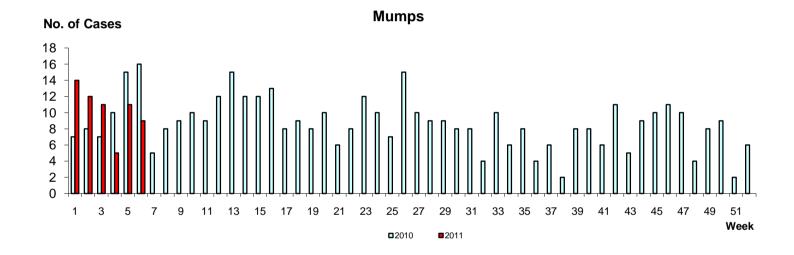


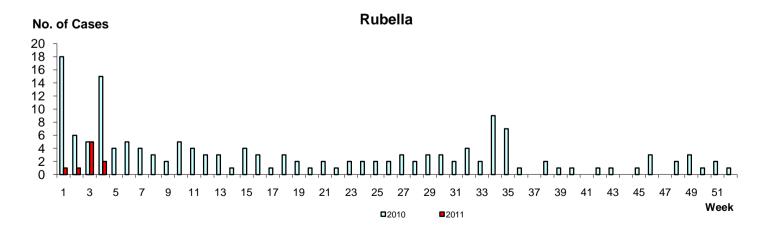


Page 5 of 8

#### WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2010-2011

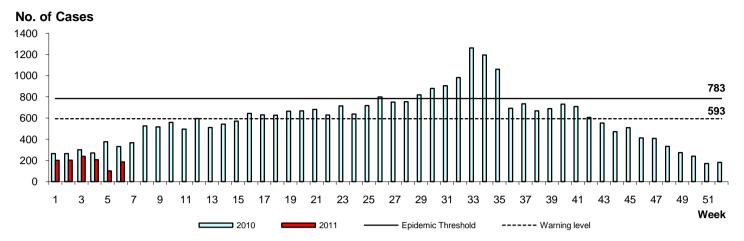




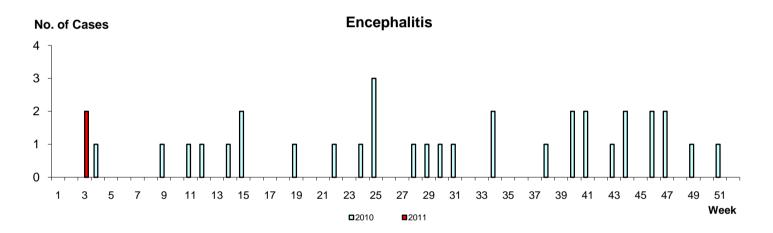


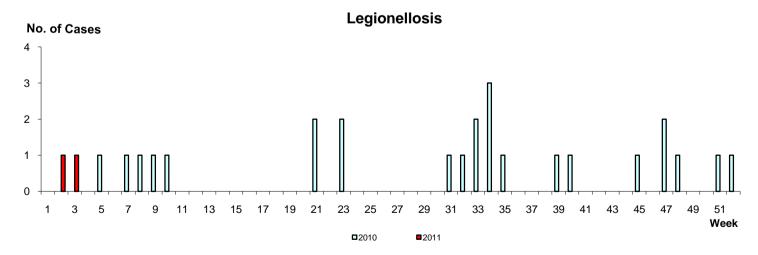
## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2010-2011

#### Hand, Foot & Mouth Disease



## WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2010-2011





## **POLYCLINIC ATTENDANCES, 2010-2011**

