



# WEEKLY INFECTIOUS DISEASE BULLETIN

EPIDEMIOLOGICAL WEEK 29 17 - 23 Jul 2011

|                                    | E Week 29   |            |                      | Cumulative first       |        | 29 Weeks             |
|------------------------------------|-------------|------------|----------------------|------------------------|--------|----------------------|
|                                    | 2011        | 2010       | Median<br>2006 -2010 | 2011                   | 2010   | Median<br>2006 -2010 |
| <b>FOOD/WATER-BORNE DISEASES</b>   |             |            |                      |                        |        |                      |
| Campylobacteriosis                 | 9           | 6          | 3                    | 211                    | 194    | 119                  |
| Cholera                            | 0           | 0          | 0                    | 0                      | 3      | 0                    |
| Paratyphoid                        | 0           | 3          | 0                    | 20                     | 23     | 16                   |
| Poliomyelitis                      | 0           | 0          | 0                    | 0                      | 0      | 0                    |
| Salmonellosis (non-enteric fevers) | 20          | 26         | 6                    | 771                    | 894    | 398                  |
| Typhoid                            | 2           | 2          | 2                    | 45                     | 45     | 41                   |
| Viral Hepatitis A                  | 1           | 2          | 2                    | 39                     | 32     | 52                   |
| Viral Hepatitis E                  | 1           | 0          | 0                    | 47                     | 59     | 27                   |
| <b>VECTOR-BORNE DISEASES</b>       |             |            |                      |                        |        |                      |
| Chikungunya Fever                  | 0           | 0          | NA                   | 2                      | 21     | NA                   |
| Dengue Fever                       | 226         | 119        | 119                  | 2973                   | 2459   | 2953                 |
| Dengue Haemorrhagic Fever          | 1           | 2          | 2                    | 12                     | 26     | 48                   |
| Malaria                            | 4           | 8          | 4                    | 89                     | 91     | 94                   |
| Nipah virus infection              | 0           | 0          | 0                    | 0                      | 0      | 0                    |
| Plague                             | 0           | 0          | 0                    | 0                      | 0      | 0                    |
| Yellow Fever                       | 0           | 0          | 0                    | 0                      | 0      | 0                    |
| <b>AIR/DROPLET-BORNE DISEASES</b>  |             |            |                      |                        |        |                      |
| Avian Influenza                    | 0           | 0          | 0                    | 0                      | 0      | 0                    |
| Diphtheria                         | 0           | 0          | 0                    | 0                      | 0      | 0                    |
| Encephalitis                       | 0           | 1          | 1                    | 17                     | 15     | 24                   |
| Haemophilus Influenzae B infection | 0           | 0          | 0                    | 0                      | 3      | 2                    |
| Hand, Foot And Mouth Disease       | 456         | 819        | 327                  | 9595                   | 16221  | 11727                |
| Legionellosis                      | 0           | 0          | 0                    | 14                     | 9      | 11                   |
| Measles                            | 5           | 0          | 0                    | 74                     | 37     | 14                   |
| Melioidosis                        | 3           | 4          | 1                    | 17                     | 32     | 32                   |
| Meningococcal Disease              | 0           | 1          | 0                    | 2                      | 4      | 4                    |
| Mumps                              | 4           | 9          | 14                   | 319                    | 289    | 461                  |
| Pertussis                          | 1           | 0          | 1                    | 10                     | 3      | 8                    |
| Pneumococcal Disease (invasive)    | 5           | 1          | NA                   | 74                     | 101    | NA                   |
| Rubella                            | 0           | 3          | 1                    | 70                     | 111    | 94                   |
| Severe acute respiratory syndrome  | 0           | 0          | 0                    | 0                      | 0      | 0                    |
| <b>OTHER DISEASES</b>              |             |            |                      |                        |        |                      |
| Viral hepatitis B                  | 4           | 2          | 1                    | 42                     | 37     | 42                   |
| Viral hepatitis C                  | 2           | 0          | 0                    | 6                      | 3      | 9                    |
| <b>POLYCLINIC ATTENDANCES</b>      |             |            |                      |                        |        |                      |
| Acute upper respiratory infections | 14576       | 16891      | 13338                | 433974                 | 435560 | 393391               |
| Acute conjunctivitis               | 602         | 542        | 542                  | 16995                  | 14428  | 14621                |
| Acute Diarrhoea                    | 2677        | 2464       | 2300                 | 69176                  | 62723  | 60339                |
| <b>HIV/STI/TB NOTIFICATIONS*</b>   | <b>2011</b> | <b>Jun</b> |                      | <b>Cumulative 2011</b> |        |                      |
| HIV/AIDS                           | 33          |            |                      | 209                    |        |                      |
| Legally Notifiable STIs**          | 592         |            |                      | 3688                   |        |                      |
| Tuberculosis                       | 115         |            |                      | 861                    |        |                      |

\* Numbers are preliminary. Please check with MOH before quoting these figures.

\*\* Wef Jan 2010, reporting has changed from all types of STIs to legally notifiable STIs, which comprise gonorrhoea, non-gonococcal urethritis, syphilis (congenital, infectious, non-infectious), chlamydia and genital herpes (first episode and recurrent).

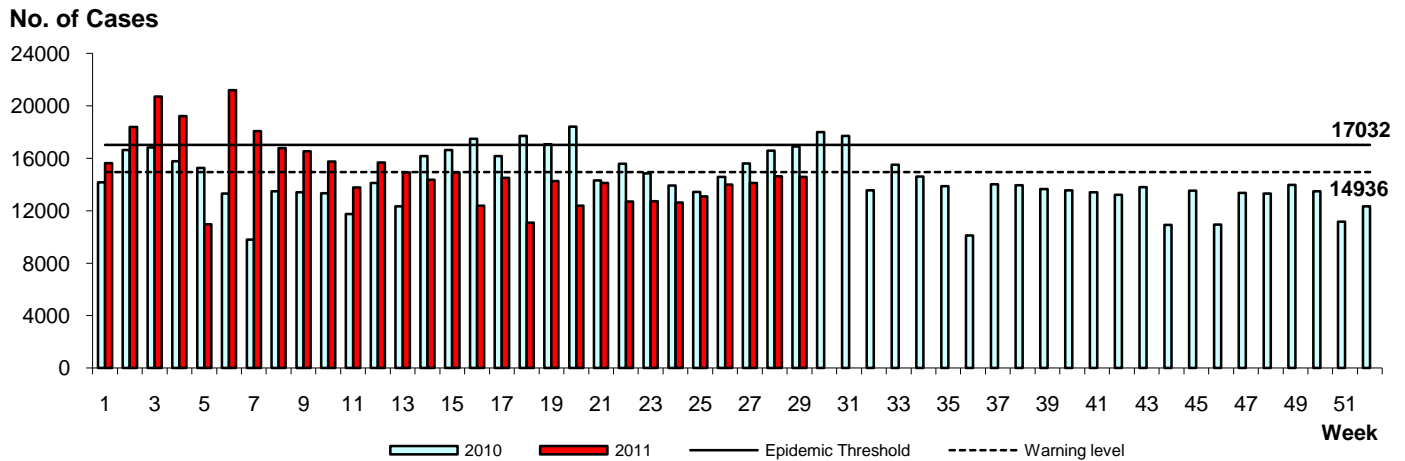
| 2011 Notification                  | Epidemiological Week 29<br>17 - 23 Jul 2011 |  | Cumulative first 28 Weeks |                        |
|------------------------------------|---|--|---------------------------|------------------------|
| FOOD/WATER-BORNE DISEASES          |   |  |                           |                        |
| Campylobacteriosis                 | 9   | Imported : 2 sporadic  | 202                       | Imported : 20 sporadic |
|                                    |   | Local : 4 sporadic   |                           | Local : 182 sporadic   |
|                                    | Pending Investigation : 3                   |  | Pending Investigation :   |                        |
| Cholera                            | 0   | Imported : sporadic  | 0                         | Imported : sporadic    |
|                                    |   | Local : sporadic   |                           | Local : sporadic       |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Paratyphoid                        | 0   | Imported : sporadic  | 20                        | Imported : 19 sporadic |
|                                    |   | Local : sporadic   |                           | Local : 1 sporadic     |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Salmonellosis (non-enteric fevers) | 20  | Imported : 3 sporadic  | 751                       | Imported : 79 sporadic |
|                                    |   | Local : 7 sporadic   |                           | Local : 667 sporadic   |
|                                    | Pending Investigation : 10                  |  | Pending Investigation : 5 |                        |
| Typhoid                            | 2   | Imported : 2 sporadic  | 43                        | Imported : 43 sporadic |
|                                    |   | Local : sporadic   |                           | Local : sporadic       |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Viral Hepatitis A                  | 1   | Imported : sporadic  | 38                        | Imported : 23 sporadic |
|                                    |   | Local : sporadic   |                           | Local : 15 sporadic    |
|                                    | Pending Investigation :1                    |  | Pending Investigation :   |                        |
| Viral Hepatitis E                  | 1   | Imported : 1 sporadic  | 46                        | Imported : 26 sporadic |
|                                    |   | Local : sporadic   |                           | Local : 19 sporadic    |
|                                    | Pending Investigation :                     |  | Pending Investigation : 1 |                        |
| VECTOR-BORNE DISEASES              |   |  |                           |                        |
| Chikungunya Fever                  | 0   | Imported : sporadic  | 2                         | Imported : 1 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : 1 sporadic     |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Dengue Fever                       | 226   | Active Clusters<br><a href="http://www.dengue.gov.sg">http://www.dengue.gov.sg</a> | 2747                      |                        |
| Dengue Haemorrhagic Fever          | 1   |  | 11                        |                        |
| Malaria                            | 4   | Imported : 2 sporadic  | 85                        | Imported : 84 sporadic |
|                                    |   | Local : sporadic   |                           | Local : 1 sporadic     |
|                                    | Pending Investigation : 2                   |  | Pending Investigation :   |                        |
| AIR/DROPLET-BORNE DISEASES         |   |  |                           |                        |
| Encephalitis                       | 0   | Imported : sporadic  | 17                        | Imported : 3 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : 14 sporadic    |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Legionellosis                      | 0   | Imported : sporadic  | 14                        | Imported : 5 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : 8 sporadic     |
|                                    | Pending Investigation :                     |  | Pending Investigation :1  |                        |
| Meliodosis                         | 3   | Imported : sporadic  | 14                        | Imported : 1 sporadic  |
|                                    |   | Local : 1 sporadic   |                           | Local : 13 sporadic    |
|                                    | Pending Investigation : 2                   |  | Pending Investigation :   |                        |
| Meningococcal Disease              | 0   | Imported : sporadic  | 2                         | Imported : sporadic    |
|                                    |   | Local : sporadic   |                           | Local : 2 sporadic     |
|                                    | Pending Investigation:                      |  | Pending Investigation :   |                        |
| OTHER DISEASES                     |   |  |                           |                        |
| Viral hepatitis B                  | 4   | Imported : 1 sporadic  | 38                        | Imported : 11 sporadic |
|                                    |   | Local : 1 sporadic   |                           | Local : 25 sporadic    |
|                                    | Pending Investigation : 2                   |  | Pending Investigation : 2 |                        |
| Viral hepatitis C                  | 2   | Imported : sporadic  | 4                         | Imported : sporadic    |
|                                    |   | Local : sporadic   |                           | Local : 3 sporadic     |
|                                    | Pending Investigation : 2                   |  | Pending Investigation :1  |                        |

## Influenza Situation in Singapore 2011

Influenza indicators for E-week 29 (17 - 23 July 2011) are as follows:

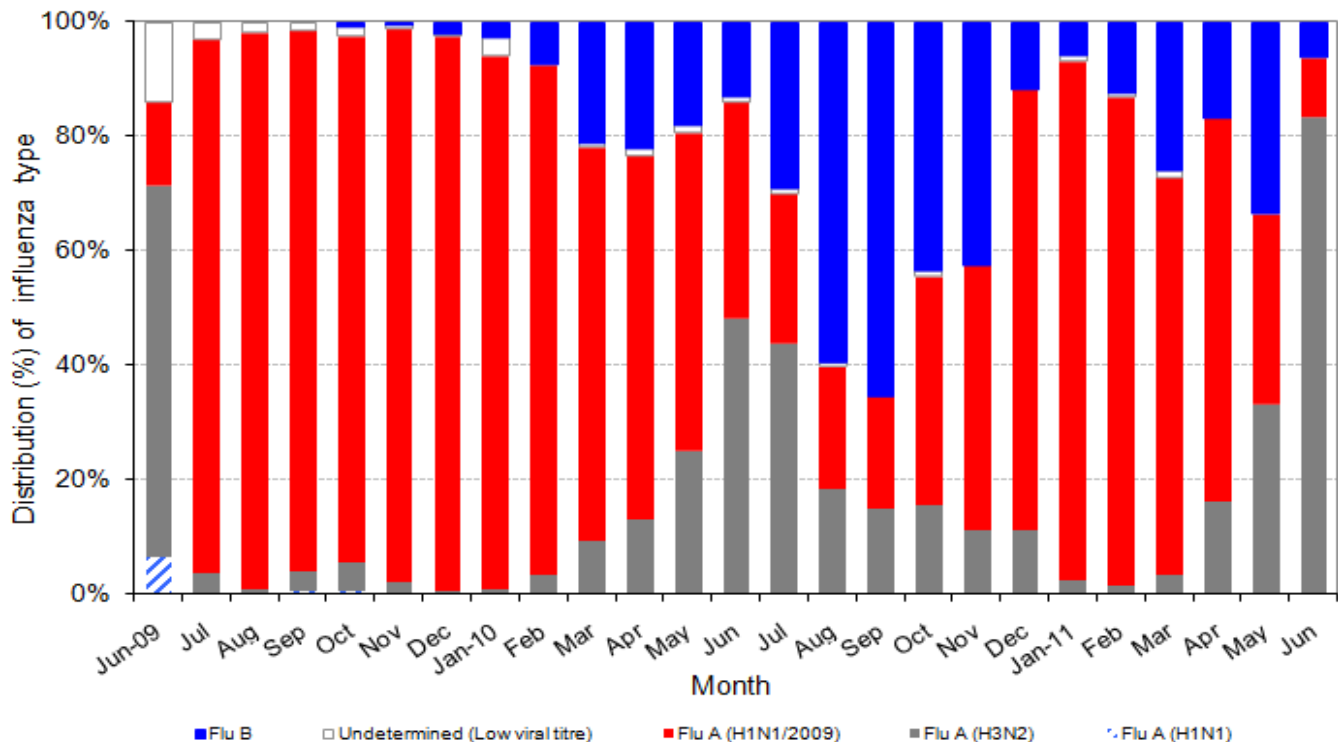
The number of patients seeking treatment in polyclinics for Acute Respiratory Infections (ARI) was 14,576 in E-week 29 (daily average of 2,650 over 5.5 working days), compared to 14,618 in E-week 28 (daily average of 2,658 over 5.5 working days).

### Polyclinic Attendances for Acute Respiratory Infection

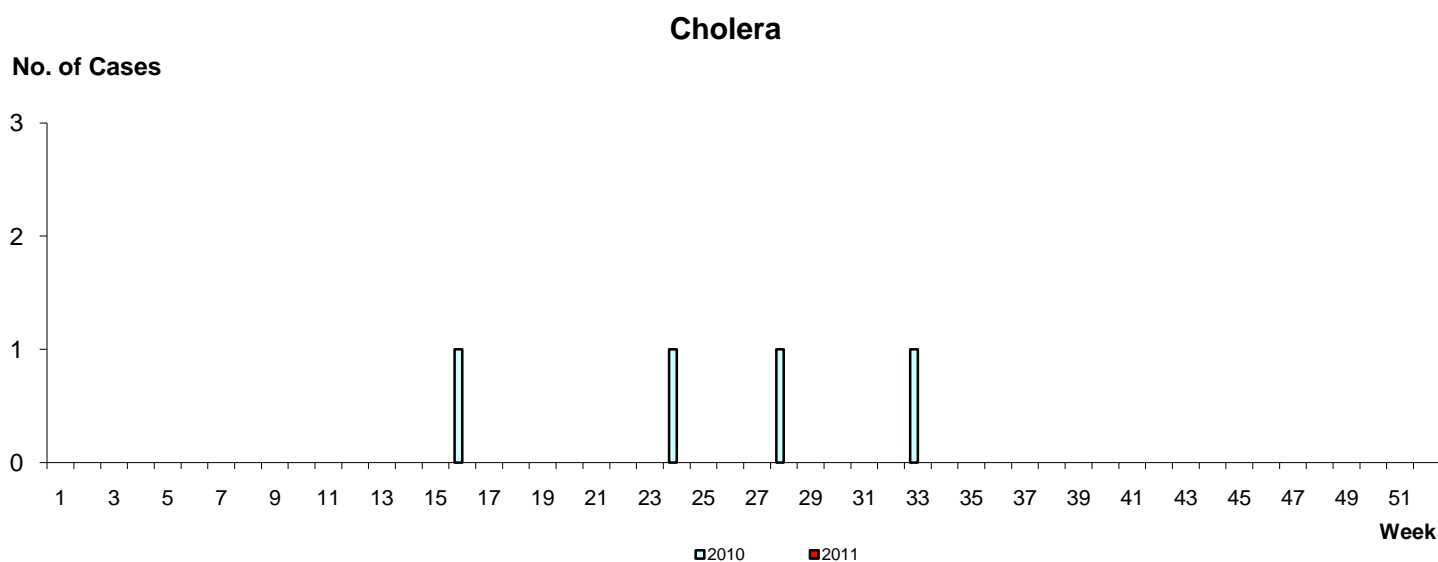
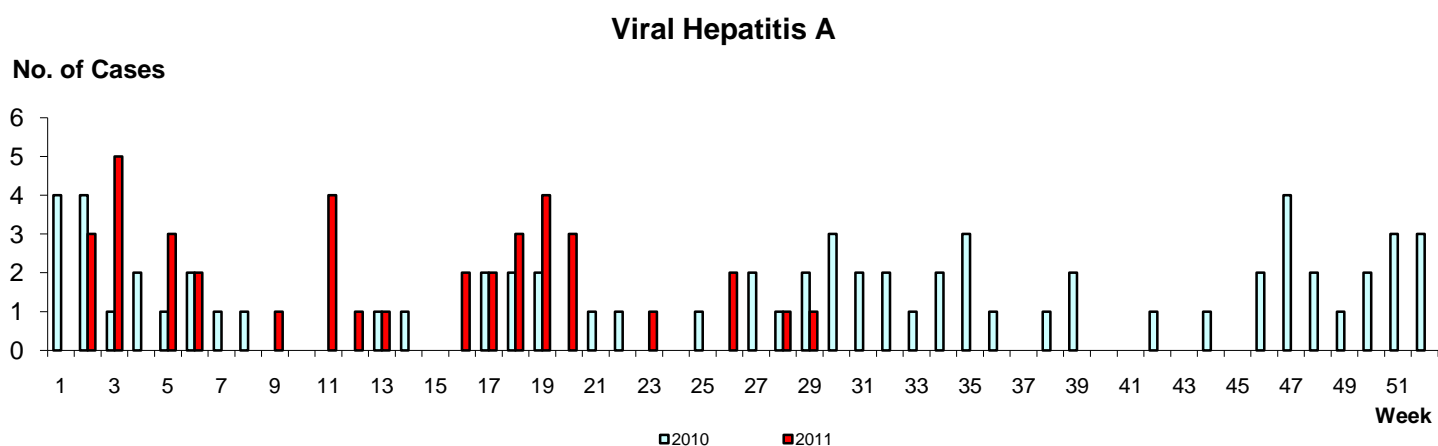
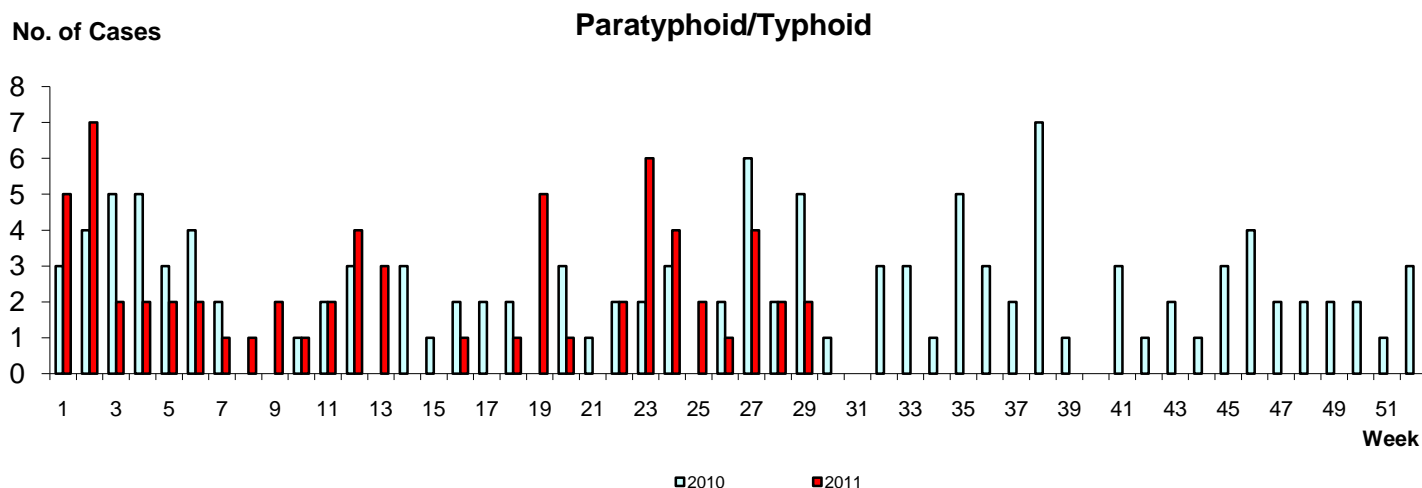


The proportion of cases with Influenza-Like Illness (ILI) among the polyclinic ARI cases was low at 2%.

The overall prevalence of influenza among ILI samples (n=242) in the community was 53% (preliminary) in the past four weeks. Of all the influenza virus isolates collected in June 2011, influenza A (H3N2) constituted 83% whilst influenza A (H1N1-2009) and influenza B constituted 11% and 6% respectively.



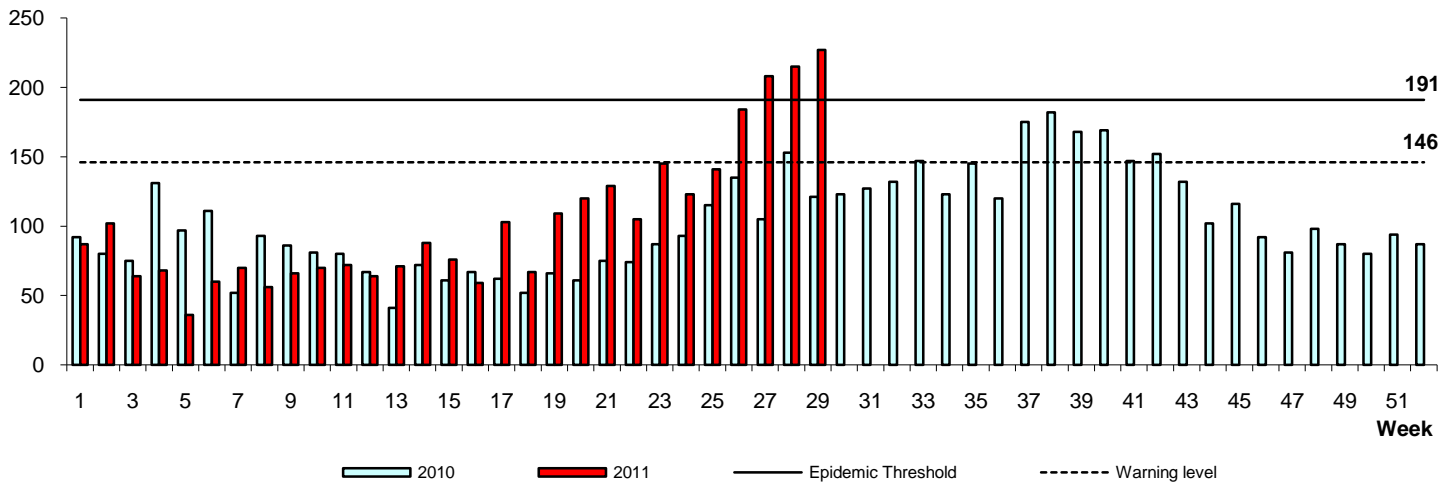
## WEEKLY INCIDENCE OF FOOD/WATER-BORNE DISEASES, 2010-2011



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

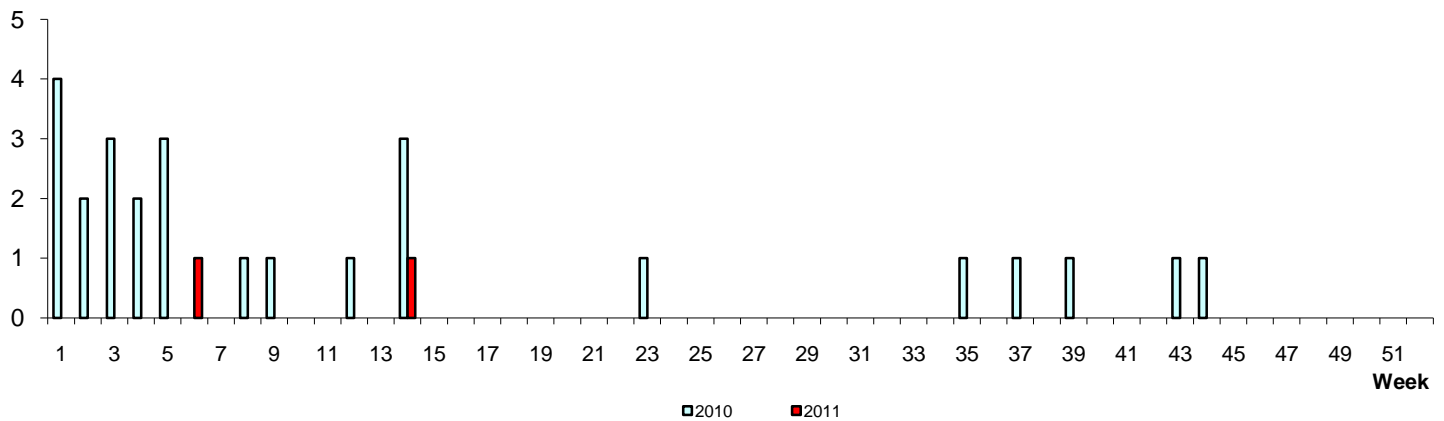
### Dengue Fever/Dengue Haemorrhagic Fever

No. of Cases



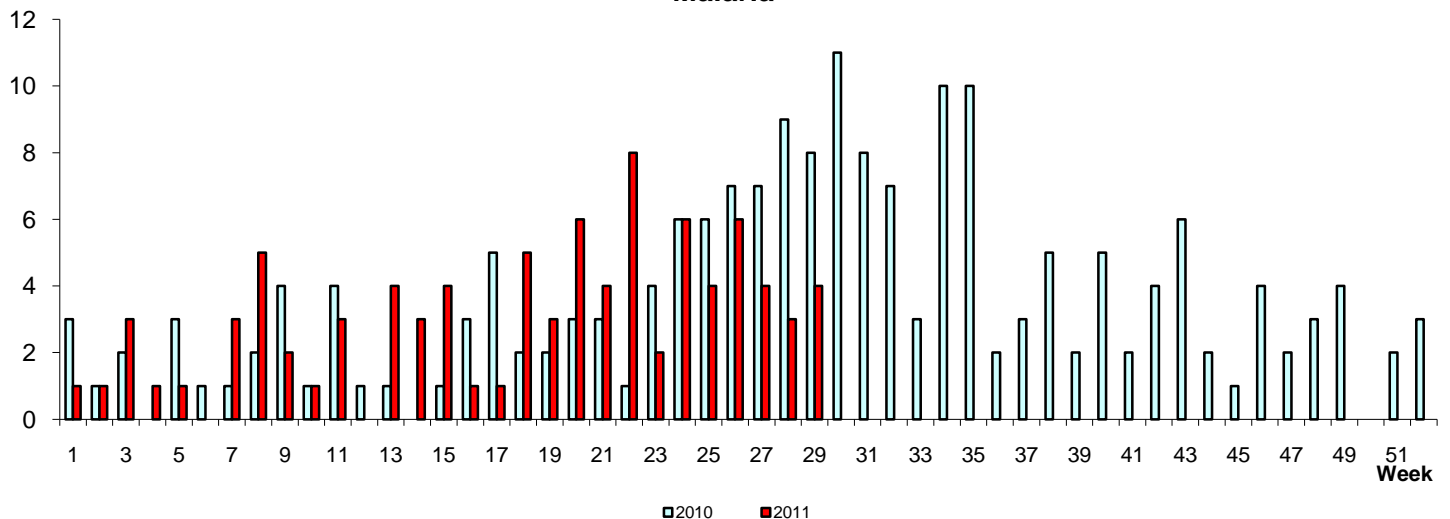
### Chikungunya Fever

No. of Cases

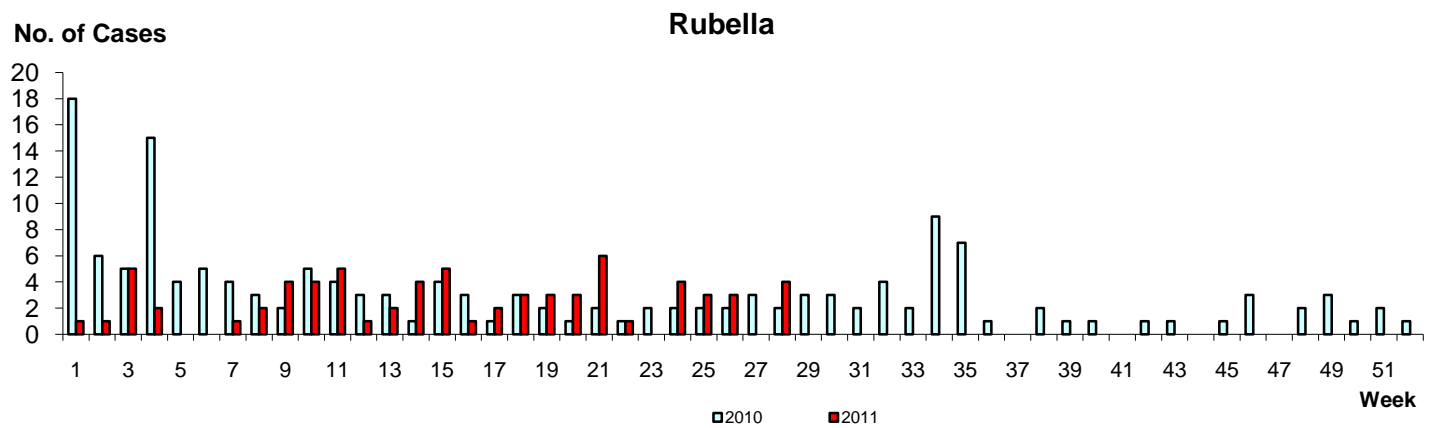
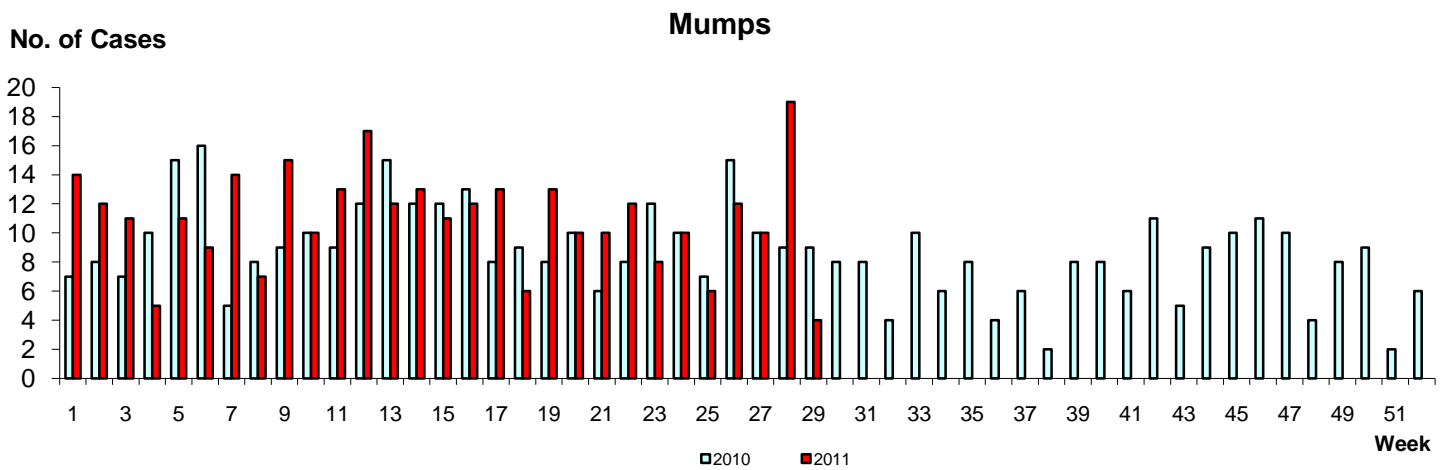
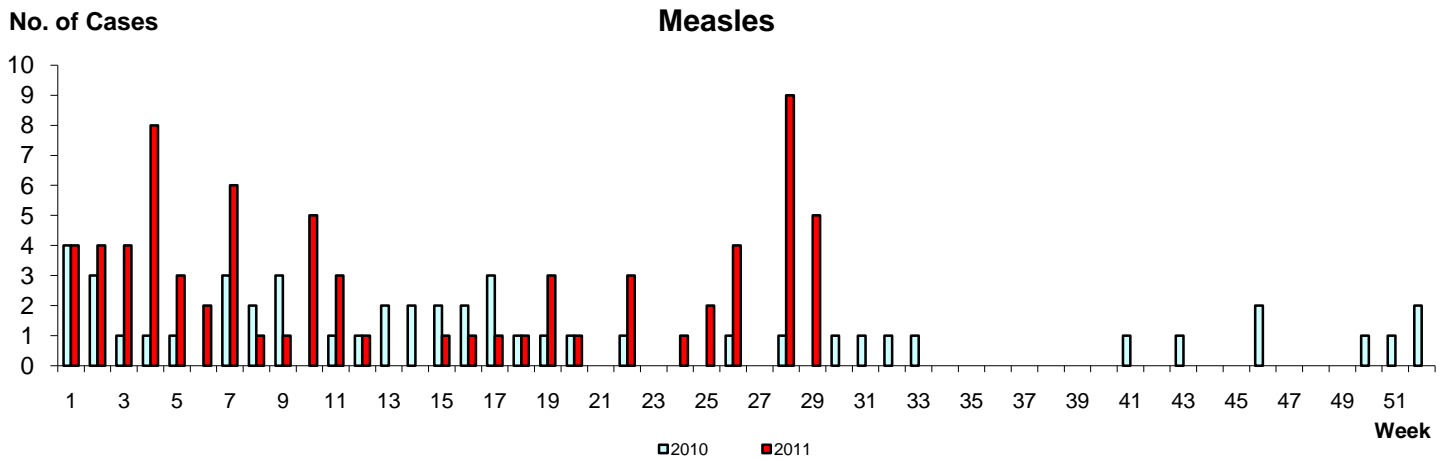


### Malaria

No. of Cases

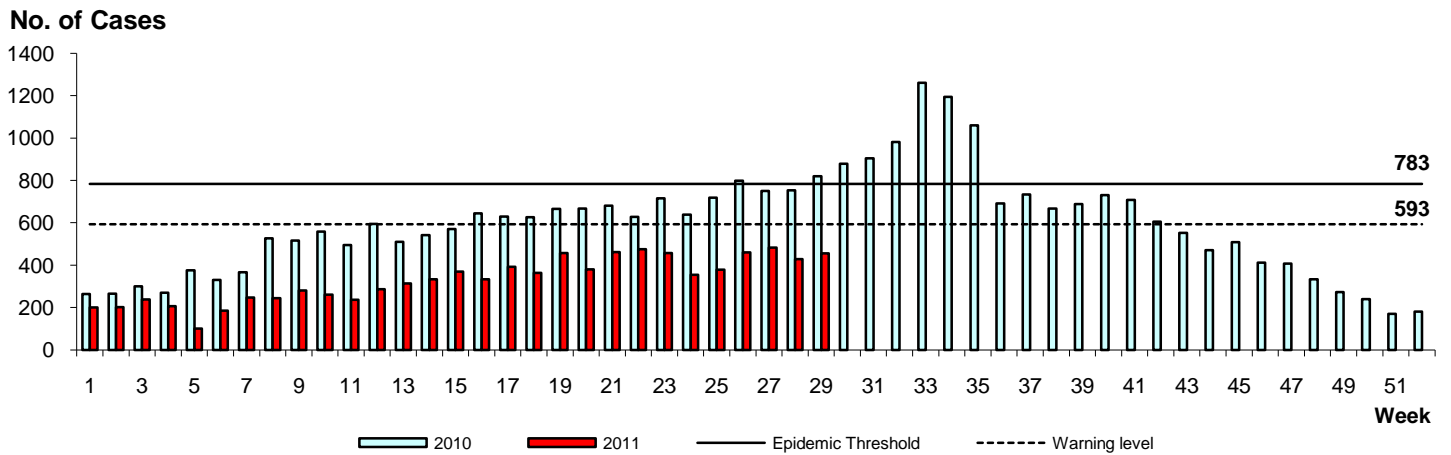


## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2010-2011

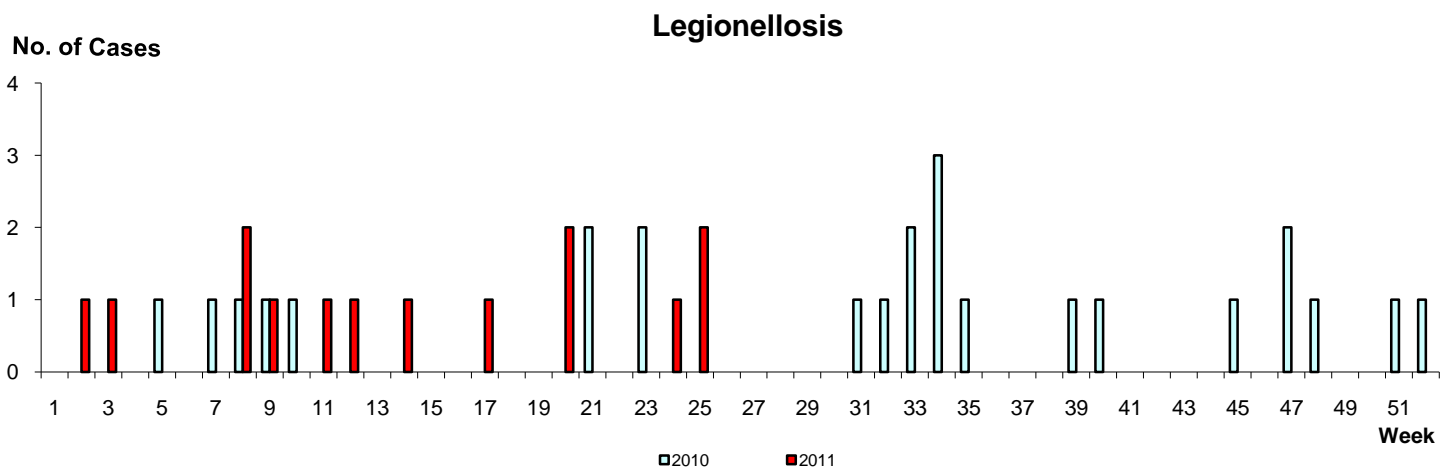
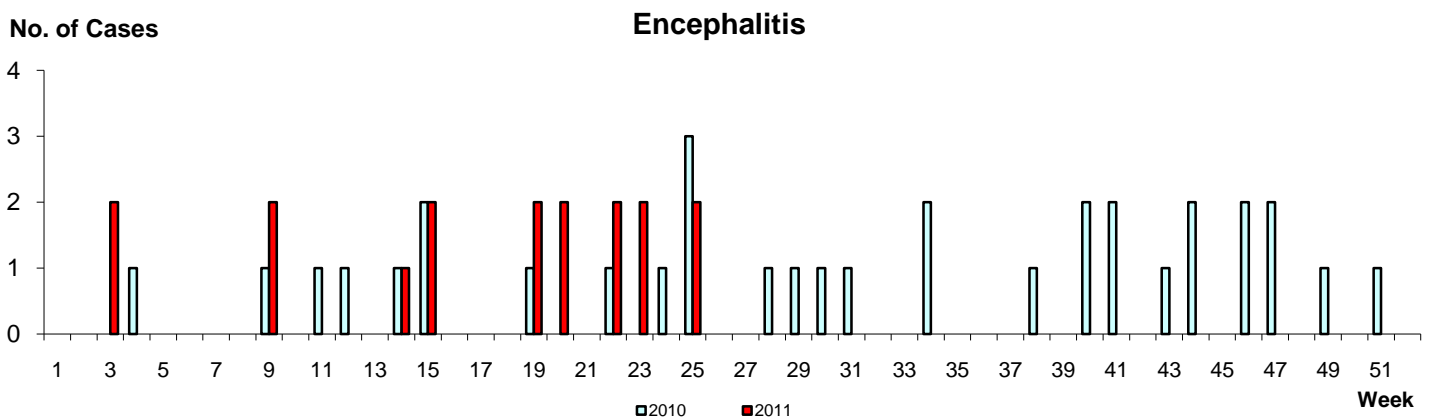


## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2010-2011

### Hand, Foot & Mouth Disease



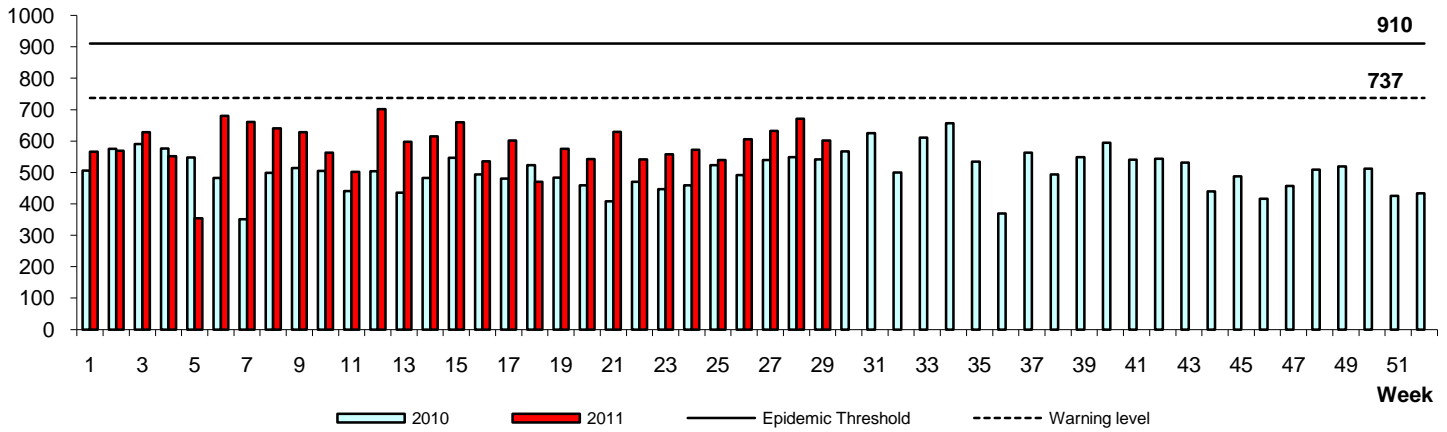
## WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2010-2011



# POLYCLINIC ATTENDANCES, 2010-2011

No. of Cases

## Conjunctivitis



No. of Cases

## Diarrhoeal Illness

