



# WEEKLY INFECTIOUS DISEASE BULLETIN

## EPIDEMIOLOGICAL WEEK 49 2 - 8 Dec 2012

|   | E Week 49 |      |                   | Cumulative first 49 Weeks |       |                   |
|---|-----------|------|-------------------|---------------------------|-------|-------------------|
|   | 2012      | 2011 | Median 2007 -2011 | 2012                      | 2011  | Median 2007 -2011 |
| <b>FOOD/WATER-BORNE DISEASES</b>                        |           |      |                   |                           |       |                   |
| Campylobacteriosis                                      | 9         | 2    | 5                 | 420                       | 348   | 255               |
| Cholera   | 0         | 0    | 0                 | 2                         | 1     | 3                 |
| Paratyphoid   | 1         | 2    | 1                 | 56                        | 31    | 28                |
| Poliomyelitis   | 0         | 0    | 0                 | 0                         | 0     | 0                 |
| Salmonellosis (non-enteric fevers)                      | 12        | 30   | 19                | 1433                      | 1313  | 1099              |
| Typhoid   | 2         | 0    | 0                 | 79                        | 65    | 66                |
| Viral Hepatitis A                                       | 0         | 0    | 0                 | 103                       | 63    | 76                |
| Viral Hepatitis E                                       | 0         | 3    | 2                 | 99                        | 90    | 86                |
| <b>VECTOR-BORNE DISEASES</b>                            |           |      |                   |                           |       |                   |
| Chikungunya Fever                                       | 3         | 2    | NA                | 19                        | 10    | NA                |
| Dengue Fever  | 78        | 68   | 87                | 4295                      | 5119  | 5119              |
| Dengue Haemorrhagic Fever                               | 0         | 0    | 0                 | 26                        | 19    | 43                |
| Malaria   | 3         | 2    | 2                 | 136                       | 147   | 151               |
| 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                 | 24                        | 25    | 38                |
| Haemophilus Influenzae B infection                      | 0         | 0    | 0                 | 1                         | 1     | 1                 |
| Hand, Foot And Mouth Disease                            | 218       | 464  | 331               | 36736                     | 19654 | 19654             |
| Legionellosis   | 0         | 0    | 0                 | 30                        | 21    | 21                |
| Measles   | 0         | 9    | 1                 | 38                        | 130   | 18                |
| Melioidosis   | 1         | 2    | 1                 | 34                        | 29    | 57                |
| Meningococcal Disease                                   | 0         | 0    | 0                 | 0                         | 6     | 6                 |
| Mumps   | 7         | 4    | 9                 | 509                       | 478   | 612               |
| Pertussis   | 0         | 1    | 1                 | 24                        | 26    | 26                |
| Pneumococcal Disease (invasive)                         | 2         | 4    | NA                | 156                       | 139   | NA                |
| Rubella   | 2         | 2    | 3                 | 65                        | 103   | 154               |
| Severe acute respiratory syndrome                       | 0         | 0    | 0                 | 0                         | 0     | 0                 |
| <b>OTHER DISEASES</b>                                   |           |      |                   |                           |       |                   |
| Viral hepatitis B                                       | 4         | 3    | 3                 | 57                        | 67    | 67                |
| Viral hepatitis C                                       | 0         | 0    | 0                 | 3                         | 3     | 6                 |
| <b>POLYCLINIC ATTENDANCES - AVERAGE DAILY NUMBER***</b> |           |      |                   |                           |       |                   |
| Acute upper respiratory infections                      | 2517      | 2539 | 2462              |                           |       |                   |
| Acute conjunctivitis                                    | 85        | 99   | 91                |                           |       |                   |
| Acute Diarrhoea   | 448       | 436  | 372               |                           |       |                   |
| Chickenpox  | 10        | NA   | NA                |                           |       |                   |
| <b>HIV/STI/TB NOTIFICATIONS*</b>                        |           |      |                   |                           |       |                   |
|   | 2012      | Nov  |                   | Cumulative 2012           |       |                   |
| HIV/AIDS  | 30        |      |                   | 415                       |       |                   |
| Legally Notifiable STIs**                               | 590       |      |                   | 7148                      |       |                   |
| Tuberculosis  | 316       |      |                   | 3120                      |       |                   |

\* 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).

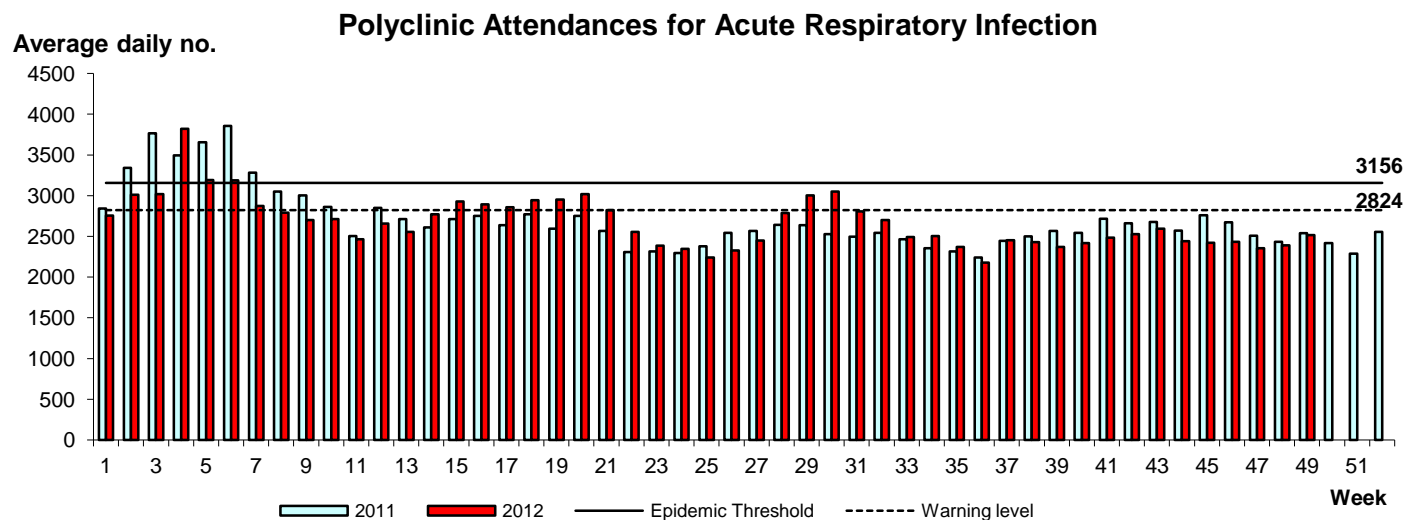
\*\*\* Wef E-week 6 of 2012, the no. of polyclinic attendances will be reflected on an average daily basis, instead of weekly basis, so as to take into account the number of working days in an E-week at the polyclinics for a more accurate representation of the underlying trends in the community.

| 2012 Notification                  | Epidemiological Week 49<br>2 - 8 Dec 2012 |  | Cumulative first 48 Weeks |                         |
|------------------------------------|---|--|---------------------------|-------------------------|
| FOOD/WATER-BORNE DISEASES          |   |  |                           |                         |
| Campylobacteriosis                 | 9   | Imported : 1 sporadic  | 411                       | Imported : 52 sporadic  |
|                                    |   | Local : 5 sporadic   |                           | Local : 357 sporadic    |
|                                    | Pending Investigation : 3                 |  | Pending Investigation : 2 |                         |
| Cholera                            | 0   | Imported : sporadic  | 2                         | Imported : 2 sporadic   |
|                                    |   | Local : sporadic   |                           | Local : sporadic        |
|                                    | Pending Investigation :                   |  | Pending Investigation :   |                         |
| Paratyphoid                        | 1   | Imported : 1 sporadic  | 55                        | Imported : 44 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : 11 sporadic     |
|                                    | Pending Investigation :                   |  | Pending Investigation :   |                         |
| Salmonellosis (non-enteric fevers) | 12  | Imported : sporadic  | 1421                      | Imported : 113 sporadic |
|                                    |   | Local : 8 sporadic   |                           | Local : 1302 sporadic   |
|                                    | Pending Investigation : 4                 |  | Pending Investigation : 6 |                         |
| Typhoid                            | 2   | Imported : 2 sporadic  | 77                        | Imported : 74 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : 3 sporadic      |
|                                    | Pending Investigation :                   |  | Pending Investigation :   |                         |
| Viral Hepatitis A                  | 0   | Imported : sporadic  | 103                       | Imported : 59 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : 44 sporadic     |
|                                    | Pending Investigation :                   |  | Pending Investigation :   |                         |
| Viral Hepatitis E                  | 0   | Imported : sporadic  | 99                        | Imported : 56 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : 43 sporadic     |
|                                    | Pending Investigation :                   |  | Pending Investigation :   |                         |
| VECTOR-BORNE DISEASES              |   |  |                           |                         |
| Chikungunya Fever                  | 3   | Imported : 3 sporadic  | 16                        | Imported : 14 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : 2 sporadic      |
|                                    | Pending Investigation :                   |  | Pending Investigation :   |                         |
| Dengue Fever                       | 78  | Active Clusters<br><a href="http://www.dengue.gov.sg">http://www.dengue.gov.sg</a> | 4217                      |                         |
| Dengue Haemorrhagic Fever          | 0   |  | 26                        |                         |
| Malaria                            | 3   | Imported : 3 sporadic  | 133                       | Imported : 133 sporadic |
|                                    |   | Local : sporadic   |                           | Local : sporadic        |
|                                    | Pending Investigation :                   |  | Pending Investigation :   |                         |
| AIR/DROPLET-BORNE DISEASES         |   |  |                           |                         |
| Encephalitis                       | 0   | Imported : sporadic  | 24                        | Imported : 3 sporadic   |
|                                    |   | Local : sporadic   |                           | Local : 20 sporadic     |
|                                    | Pending Investigation :                   |  | Pending Investigation :1  |                         |
| Legionellosis                      | 0   | Imported : sporadic  | 30                        | Imported : 11 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : 18 sporadic     |
|                                    | Pending Investigation :                   |  | Pending Investigation : 1 |                         |
| Melioidosis                        | 1   | Imported : sporadic  | 33                        | Imported : 1 sporadic   |
|                                    |   | Local : sporadic   |                           | Local : 31 sporadic     |
|                                    | Pending Investigation : 1                 |  | Pending Investigation : 1 |                         |
| Meningococcal Disease              | 0   | Imported : sporadic  | 0                         | Imported : sporadic     |
|                                    |   | Local : sporadic   |                           | Local : sporadic        |
|                                    | Pending Investigation:                    |  | Pending Investigation :   |                         |
| OTHER DISEASES                     |   |  |                           |                         |
| Viral hepatitis B                  | 4   | Imported : sporadic  | 53                        | Imported : 16 sporadic  |
|                                    |   | Local : 1 sporadic   |                           | Local : 35 sporadic     |
|                                    | Pending Investigation : 3                 |  | Pending Investigation : 2 |                         |
| Viral hepatitis C                  | 0   | Imported : sporadic  | 3                         | Imported : sporadic     |
|                                    |   | Local : sporadic   |                           | Local : 3 sporadic      |
|                                    | Pending Investigation :                   |  | Pending Investigation :   |                         |

## Influenza Situation in Singapore 2012

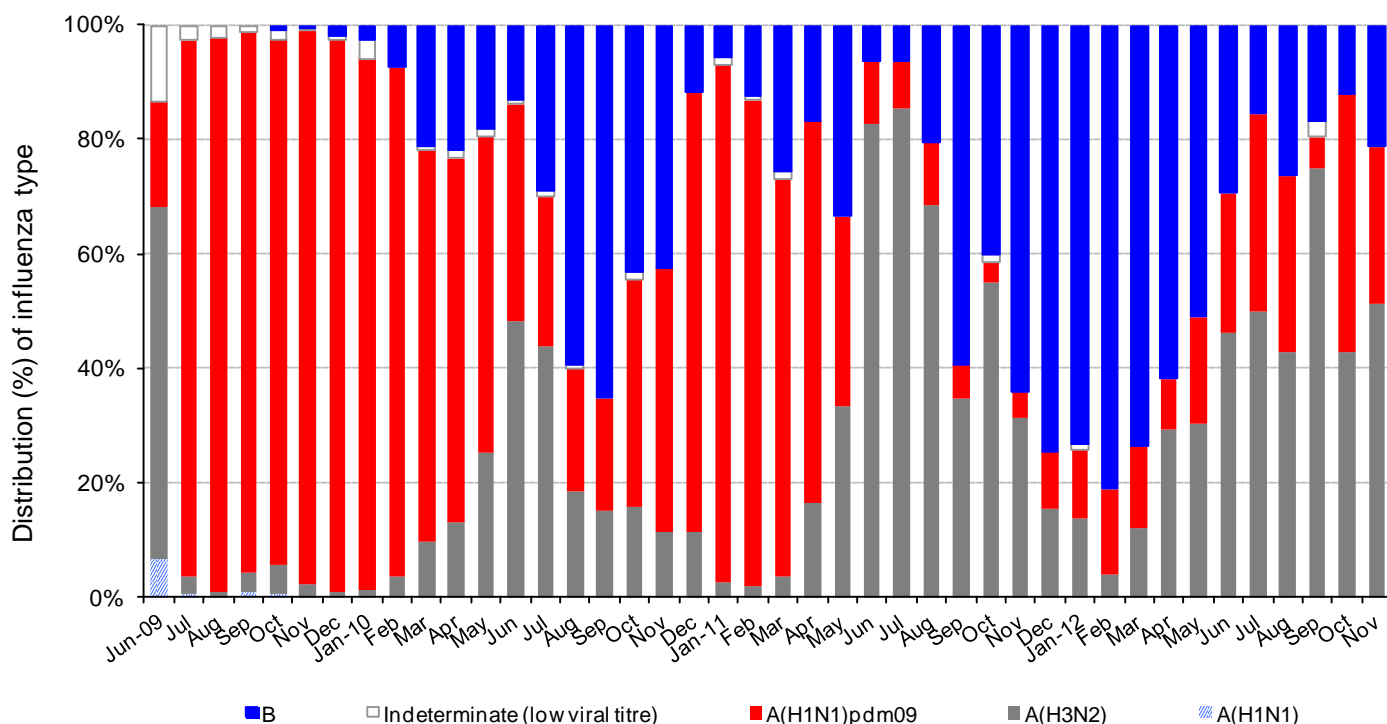
Influenza indicators for E-week 49 (2 - 8 December 2012) are as follows:

The average daily number of patients seeking treatment in the polyclinics for ARI increased from 2,389 (over 5.5 working days) in E-week 48 to 2,517 (over 5.5 working days) in E-week 49, and remained below the warning level.

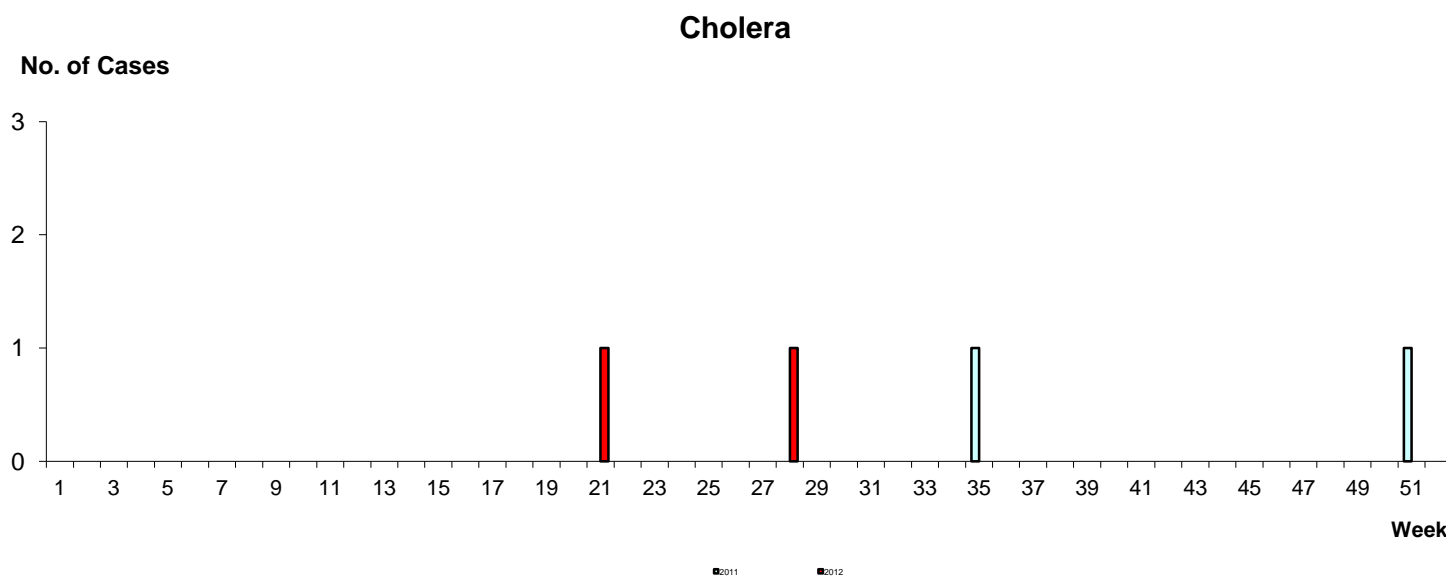
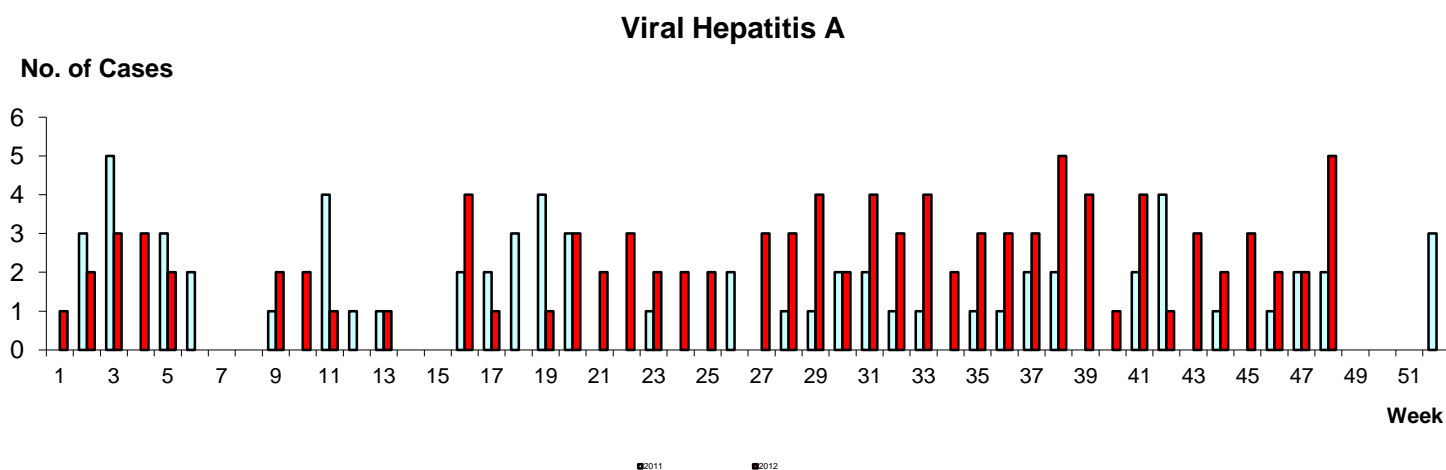
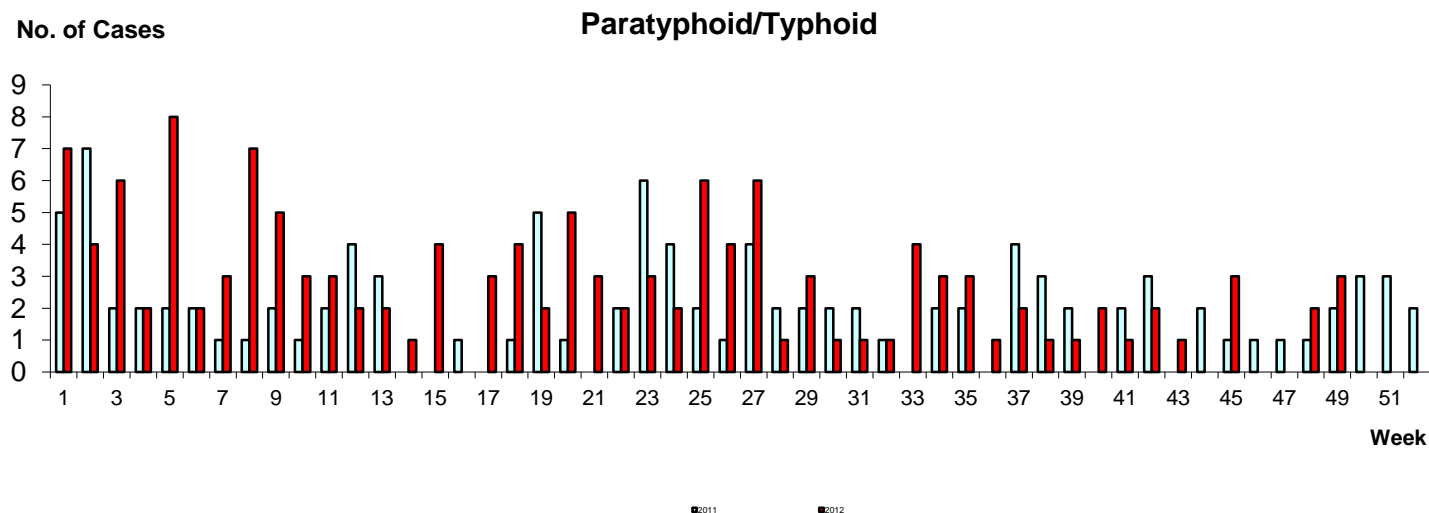


The proportion of patients with influenza-like illness (ILI) among the polyclinic attendances for ARI remained low at 1%.

The overall prevalence of influenza among ILI samples (n=171) in the community was 39.2% in the past four weeks. Of all the positive samples tested in November 2012, influenza A(H3N2) constituted 51.5%, whilst influenza A(H1N1)pdm09 and influenza B constituted 27.3% and 21.2% respectively.



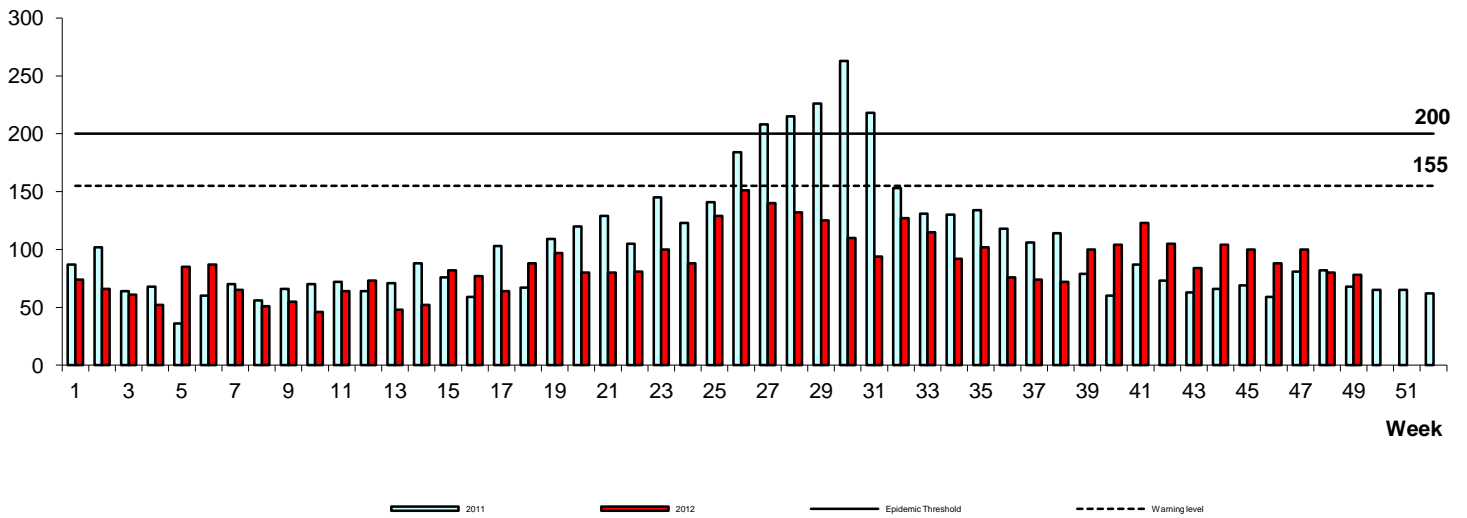
# WEEKLY INCIDENCE OF FOOD/WATER-BORNE DISEASES, 2011-2012



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

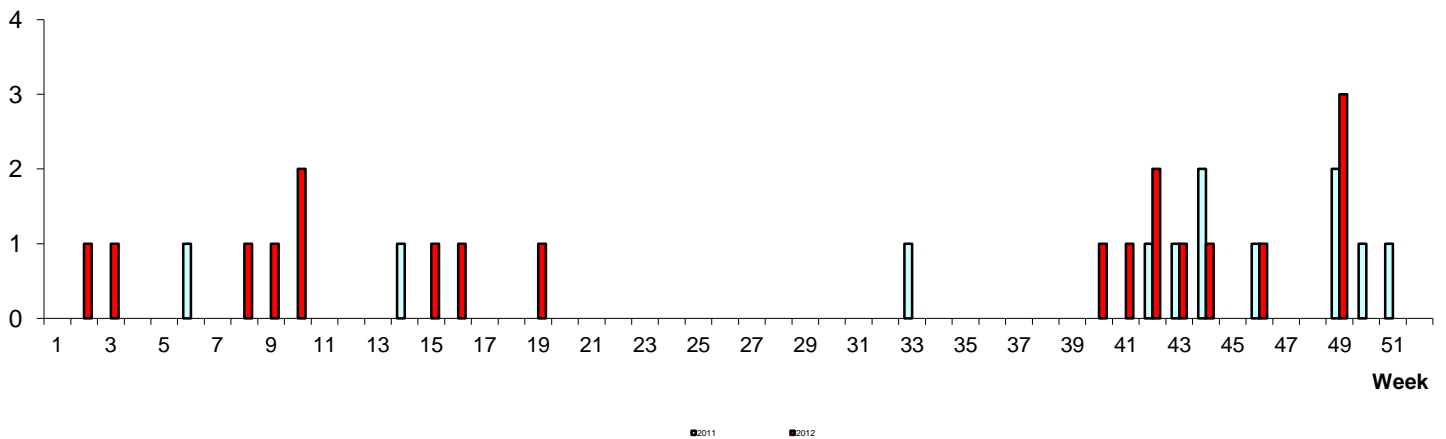
### Dengue Fever/Dengue Haemorrhagic Fever

No. of Cases



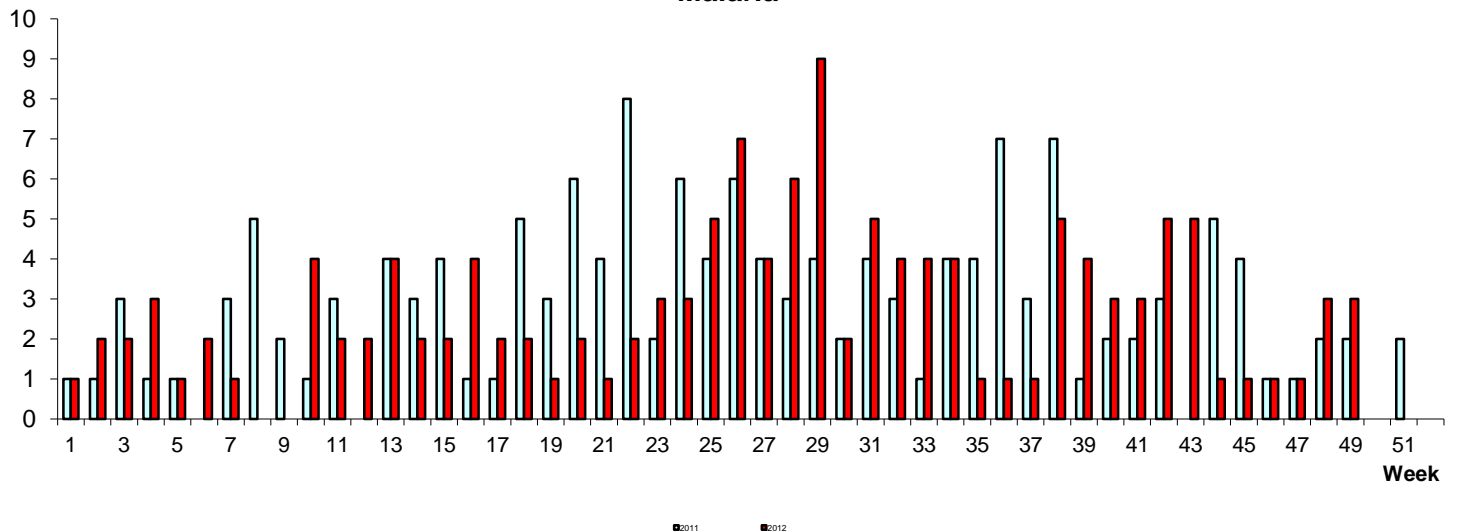
### Chikungunya Fever

No. of Cases

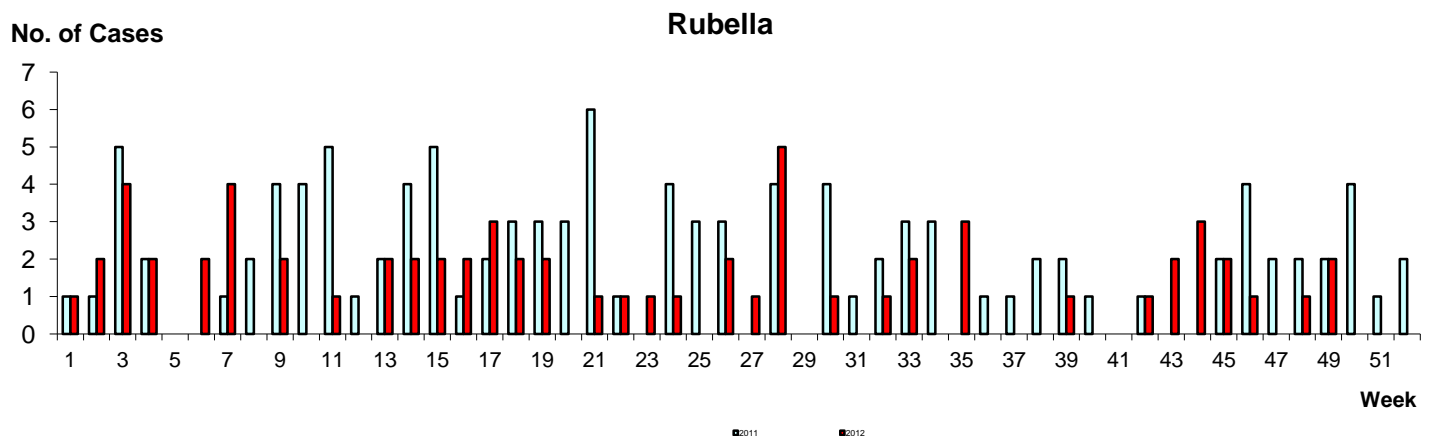
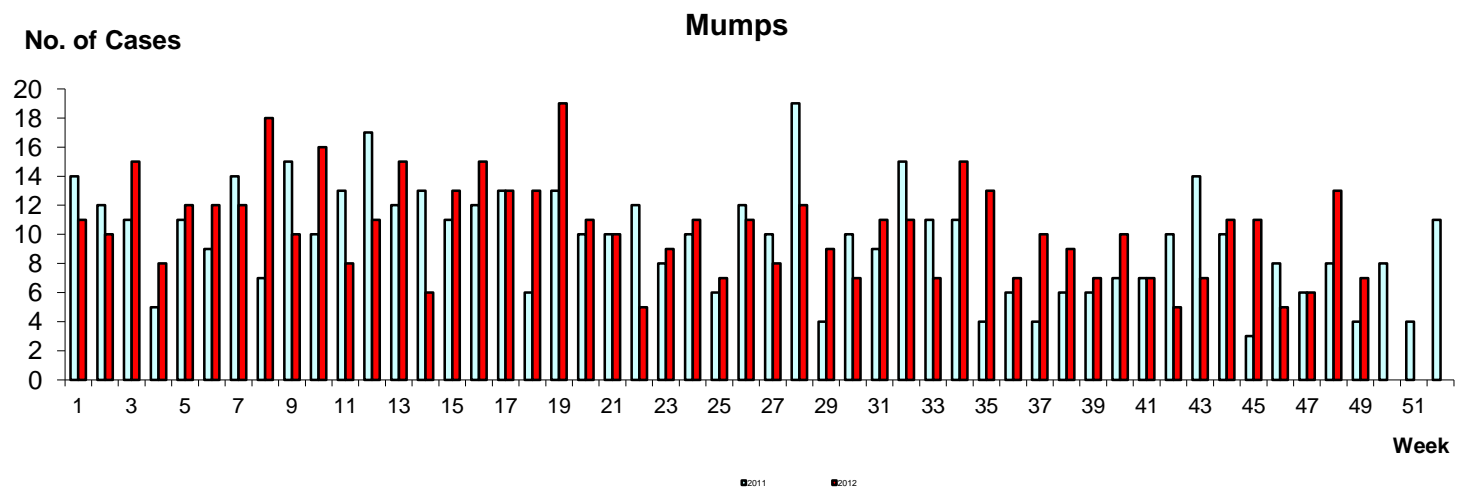
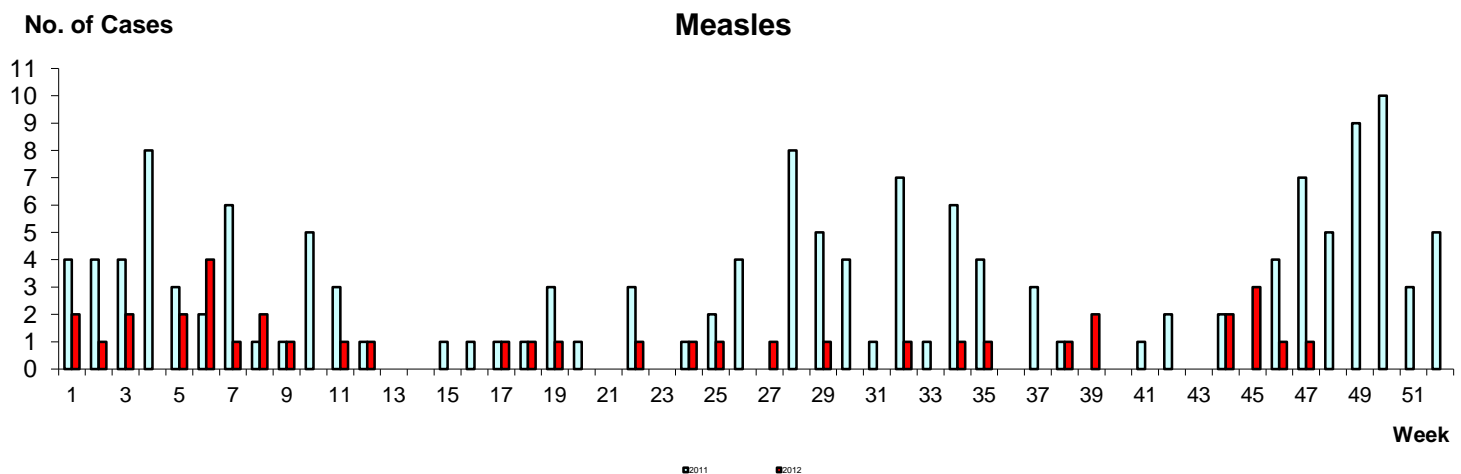


### Malaria

No. of Cases

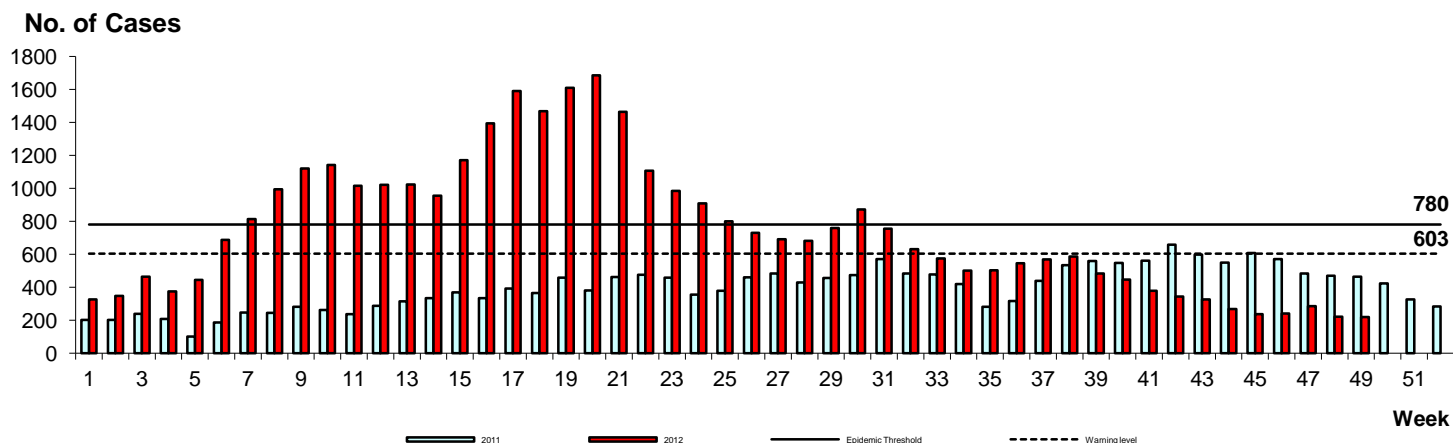


## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2011-2012



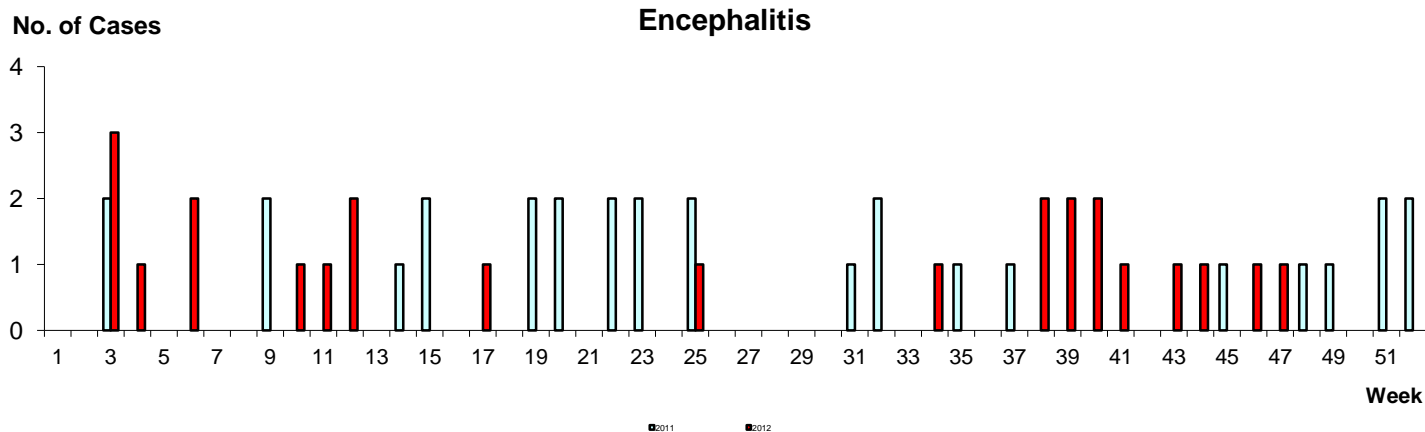
## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2011-2012

### Hand, Foot & Mouth Disease

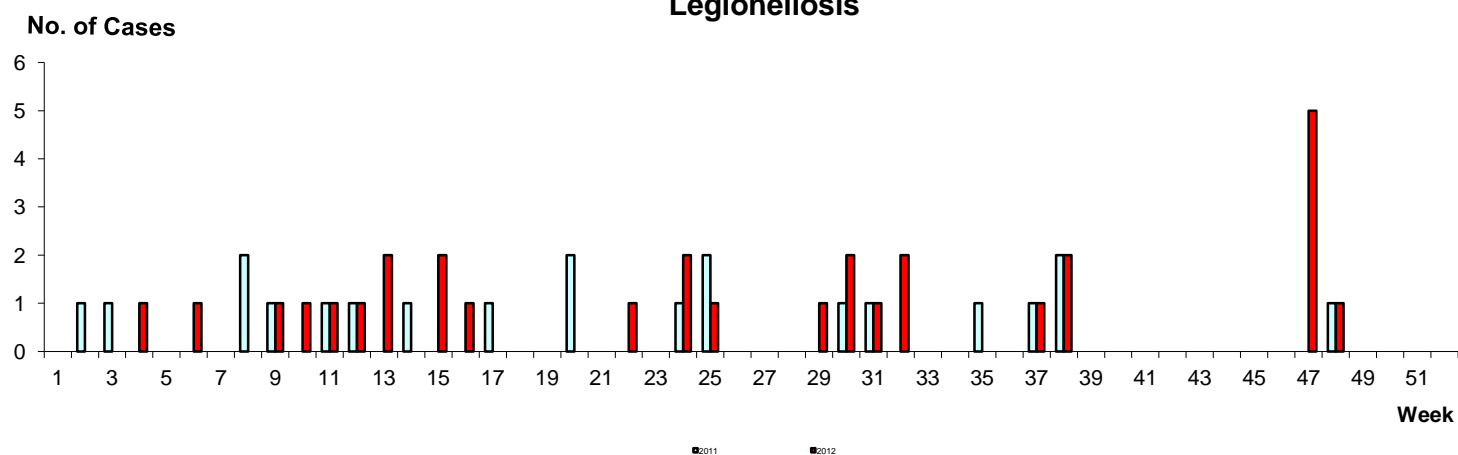


## WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2011-2012

### Encephalitis



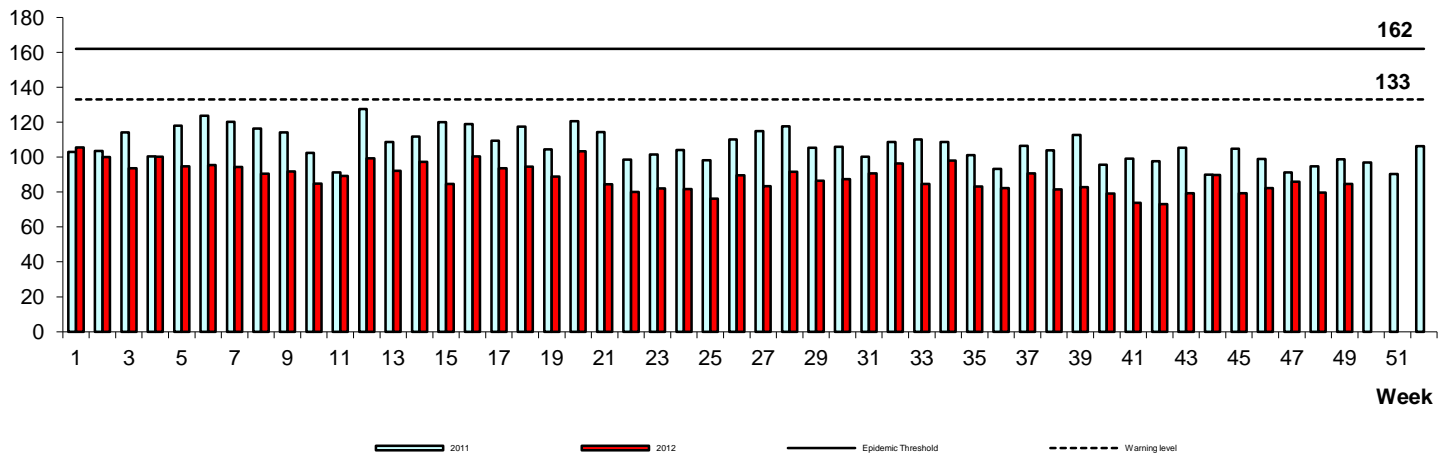
### Legionellosis



# POLYCLINIC ATTENDANCES, 2011-2012

## Conjunctivitis

Average daily no.



## Diarrhoeal Illness

Average daily no.

