



# WEEKLY INFECTIOUS DISEASE BULLETIN

## EPIDEMIOLOGICAL WEEK 16 13 - 19 Apr 2014

|   | E Week 16 |      |                   | Cumulative first 16 Weeks |      |                   |
|---|-----------|------|-------------------|---------------------------|------|-------------------|
|   | 2014*     | 2013 | Median 2009 -2013 | 2014                      | 2013 | Median 2009 -2013 |
| <b>FOOD/WATER-BORNE DISEASES</b>                        |           |      |                   |                           |      |                   |
| Campylobacteriosis                                      | 6         | 13   | 6                 | 135                       | 138  | 113               |
| Cholera   | 0         | 0    | 0                 | 0                         | 0    | 0                 |
| Paratyphoid   | 1         | 0    | 0                 | 7                         | 11   | 11                |
| Poliomyelitis   | 0         | 0    | 0                 | 0                         | 0    | 0                 |
| Salmonellosis (non-enteric fevers)                      | 40        | 30   | 29                | 509                       | 460  | 455               |
| Typhoid   | 0         | 1    | 1                 | 23                        | 29   | 28                |
| Viral Hepatitis A                                       | 2         | 1    | 2                 | 32                        | 30   | 22                |
| Viral Hepatitis E                                       | 2         | 1    | 2                 | 17                        | 22   | 27                |
| <b>VECTOR-BORNE DISEASES</b>                            |           |      |                   |                           |      |                   |
| Chikungunya Fever                                       | 2         | 35   | 1                 | 146                       | 83   | 20                |
| Dengue Fever  | 235       | 505  | 77                | 4497                      | 4811 | 1274              |
| Dengue Haemorrhagic Fever                               | 0         | 4    | 0                 | 7                         | 27   | 12                |
| Malaria   | 4         | 4    | 4                 | 15                        | 22   | 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                 |
| <b>AIR/DROPLET-BORNE DISEASES</b>                       |           |      |                   |                           |      |                   |
| Avian Influenza   | 0         | 0    | 0                 | 0                         | 0    | 0                 |
| Diphtheria  | 0         | 0    | 0                 | 0                         | 0    | 0                 |
| Encephalitis  | 1         | 3    | 0                 | 13                        | 16   | 10                |
| <i>Haemophilus influenzae</i> type b                    | 0         | 0    | 0                 | 3                         | 1    | 1                 |
| Hand, Foot And Mouth Disease                            | 348       | 504  | 575               | 5191                      | 4900 | 6645              |
| Legionellosis   | 1         | 0    | 0                 | 11                        | 6    | 7                 |
| Measles   | 1         | 1    | 1                 | 84                        | 3    | 17                |
| Melioidosis   | 1         | 0    | 0                 | 5                         | 15   | 15                |
| Meningococcal Disease                                   | 0         | 0    | 0                 | 3                         | 1    | 2                 |
| Mumps   | 6         | 17   | 15                | 167                       | 173  | 186               |
| Pertussis   | 1         | 0    | 0                 | 4                         | 4    | 5                 |
| Pneumococcal Disease (invasive)                         | 2         | 2    | 2                 | 41                        | 45   | 46                |
| Rubella   | 3         | 2    | 2                 | 10                        | 18   | 38                |
| Severe acute respiratory syndrome                       | 0         | 0    | 0                 | 0                         | 0    | 0                 |
| <b>OTHER DISEASES</b>                                   |           |      |                   |                           |      |                   |
| Viral hepatitis B                                       | 1         | 1    | 2                 | 17                        | 14   | 16                |
| Viral hepatitis C                                       | 3         | 0    | 0                 | 4                         | 0    | 1                 |
| <b>POLYCLINIC ATTENDANCES - AVERAGE DAILY NUMBER***</b> |           |      |                   |                           |      |                   |
| Acute upper respiratory infections                      | 2367      | 2688 | 2970              |                           |      |                   |
| Acute conjunctivitis                                    | 85        | 95   | 114               |                           |      |                   |
| Acute Diarrhoea   | 443       | 459  | 459               |                           |      |                   |
| Chickenpox  | 16        | 16   | NA                |                           |      |                   |
| <b>HIV/STI/TB NOTIFICATIONS</b>                         |           |      |                   |                           |      |                   |
|   | 2014      | Mar  |                   | Cumulative 2014           |      |                   |
| HIV/AIDS  | 47        |      |                   | 126                       |      |                   |
| Legally Notifiable STIs**                               | 629       |      |                   | 1678                      |      |                   |
| Tuberculosis  | 146       |      |                   | 401                       |      |                   |

\* Preliminary figures, subject to revision when more information is available.

\*\* 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).

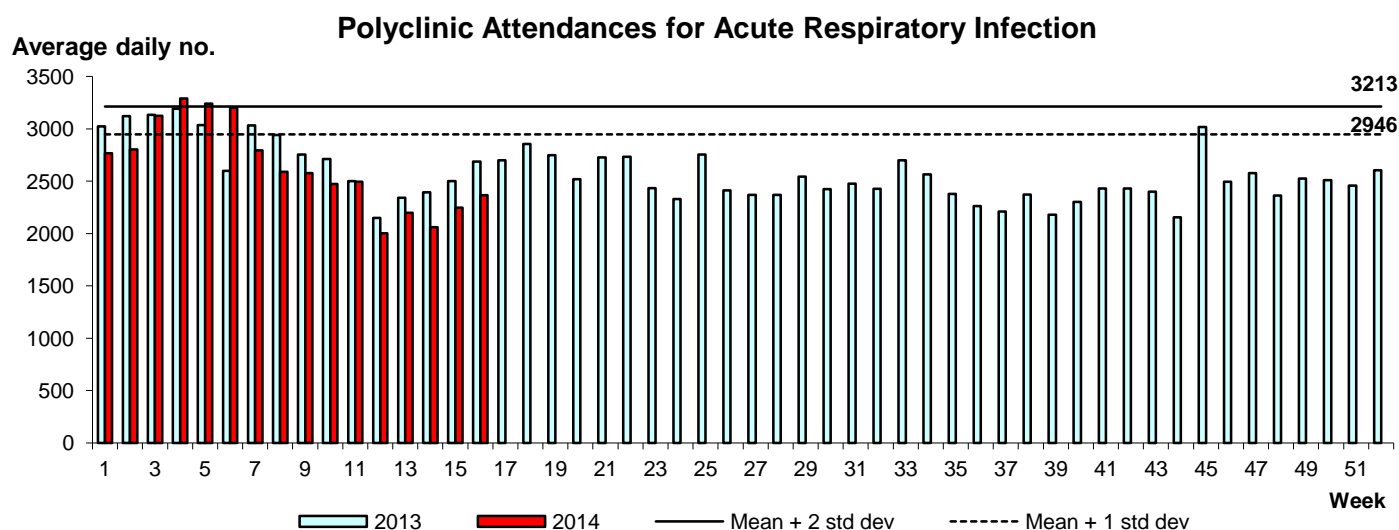
\*\*\* Wef E-week 6 of 2012, the no. of polyclinic attendances will be reflected on an average daily basis, instead of weekly basis, so as to take into account the number of working days in an E-week at the polyclinics for a more accurate representation of the underlying trends in the community.

| 2014 Notification                  | Epidemiological Week 16<br>13 - 19 Apr 2014 |  | Cumulative first 15 Weeks |                        |
|------------------------------------|---|--|---------------------------|------------------------|
| FOOD/WATER-BORNE DISEASES          |   |  |                           |                        |
| Campylobacteriosis                 | 6   | Imported : sporadic  | 129                       | Imported : 20 sporadic |
|                                    |   | Local : 3 sporadic   |                           | Local : 109 sporadic   |
|                                    | Pending Investigation : 3                   |  | Pending Investigation :   |                        |
| Cholera                            | 0   | Imported : sporadic  | 0                         | Imported : sporadic    |
|                                    |   | Local : sporadic   |                           | Local : sporadic       |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Paratyphoid                        | 1   | Imported : 1 sporadic  | 6                         | Imported : 6 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : sporadic       |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Salmonellosis (non-enteric fevers) | 40  | Imported : 4 sporadic  | 469                       | Imported : 38 sporadic |
|                                    |   | Local : 32 sporadic  |                           | Local : 431 sporadic   |
|                                    | Pending Investigation : 4                   |  | Pending Investigation :   |                        |
| Typhoid                            | 0   | Imported : sporadic  | 23                        | Imported : 19 sporadic |
|                                    |   | Local : sporadic   |                           | Local : 4 sporadic     |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Viral Hepatitis A                  | 2   | Imported : 2 sporadic  | 30                        | Imported : 24 sporadic |
|                                    |   | Local : sporadic   |                           | Local : 6 sporadic     |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Viral Hepatitis E                  | 2   | Imported : sporadic  | 15                        | Imported : 7 sporadic  |
|                                    |   | Local : 2 sporadic   |                           | Local : 8 sporadic     |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| VECTOR-BORNE DISEASES              |   |  |                           |                        |
| Chikungunya Fever                  | 2   | Imported : sporadic  | 144                       | Imported : 21 sporadic |
|                                    |   | Local : 2 sporadic   |                           | Local : 123 sporadic   |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Dengue Fever                       | 235   | Active Clusters<br><a href="http://www.dengue.gov.sg">http://www.dengue.gov.sg</a> | 4262                      |                        |
| Dengue Haemorrhagic Fever          | 0   |  | 7                         |                        |
| Malaria                            | 4   | Imported : 4 sporadic  | 11                        | Imported : 11 sporadic |
|                                    |   | Local : sporadic   |                           | Local : sporadic       |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| AIR/DROPLET-BORNE DISEASES         |   |  |                           |                        |
| Encephalitis                       | 1   | Imported : sporadic  | 12                        | Imported : 1 sporadic  |
|                                    |   | Local : 1 sporadic   |                           | Local : 11 sporadic    |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Legionellosis                      | 1   | Imported : sporadic  | 10                        | Imported : 4 sporadic  |
|                                    |   | Local : 1 sporadic   |                           | Local : 6 sporadic     |
|                                    | Pending Investigation :                     |  | Pending Investigation :   |                        |
| Meliodosis                         | 1   | Imported : sporadic  | 4                         | Imported : sporadic    |
|                                    |   | Local : sporadic   |                           | Local : 4 sporadic     |
|                                    | Pending Investigation : 1                   |  | Pending Investigation :   |                        |
| Meningococcal Disease              | 0   | Imported : sporadic  | 3                         | Imported : sporadic    |
|                                    |   | Local : sporadic   |                           | Local : 3 sporadic     |
|                                    | Pending Investigation:                      |  | Pending Investigation :   |                        |
| OTHER DISEASES                     |   |  |                           |                        |
| Viral hepatitis B                  | 1   | Imported : sporadic  | 16                        | Imported : 5 sporadic  |
|                                    |   | Local : sporadic   |                           | Local : 11 sporadic    |
|                                    | Pending Investigation :1                    |  | Pending Investigation :   |                        |
| Viral hepatitis C                  | 3   | Imported : sporadic  | 1                         | Imported : sporadic    |
|                                    |   | Local : sporadic   |                           | Local : 1 sporadic     |
|                                    | Pending Investigation : 3                   |  | Pending Investigation :   |                        |

## Influenza Situation in Singapore 2014

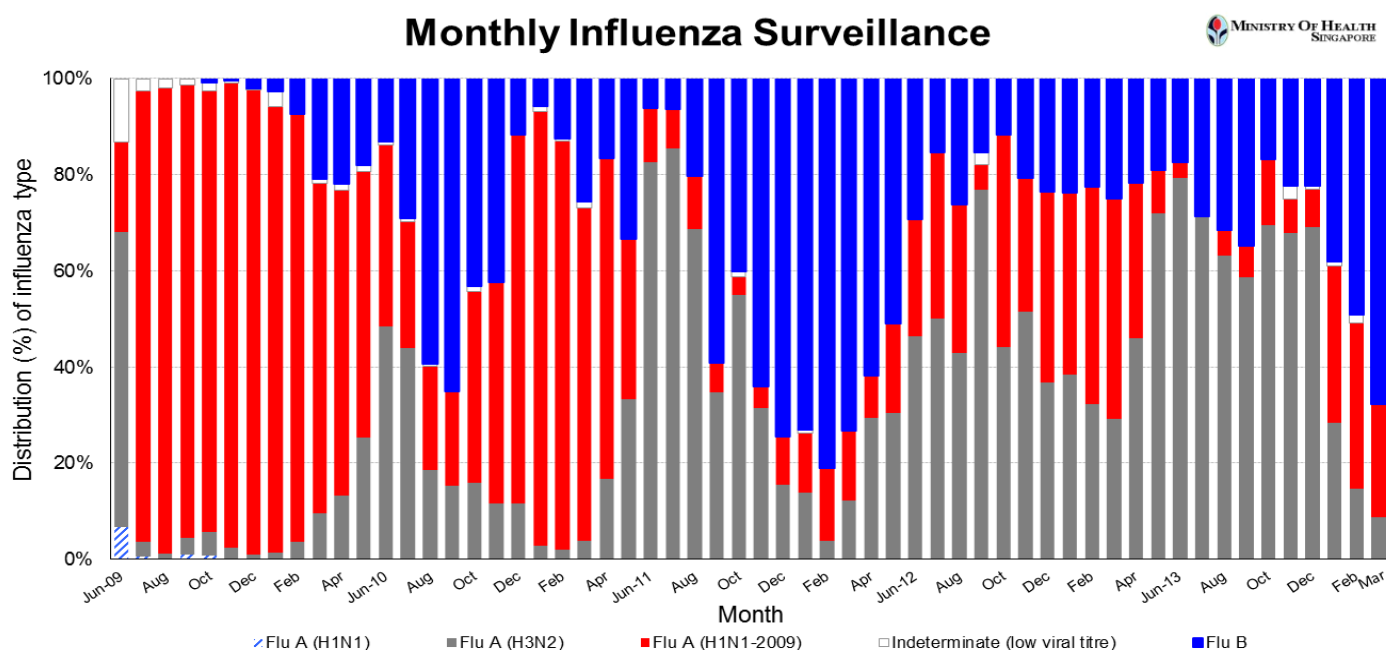
Influenza indicators for E-week 16 (13 Apr 2014 - 19 Apr 2014) are as follows:

The average daily number of patients seeking treatment in the polyclinics for ARI increased from 2,248 (over 5.5 working days) in E-week 15 to 2,367 (over 4.5 working days) in E-week 16.



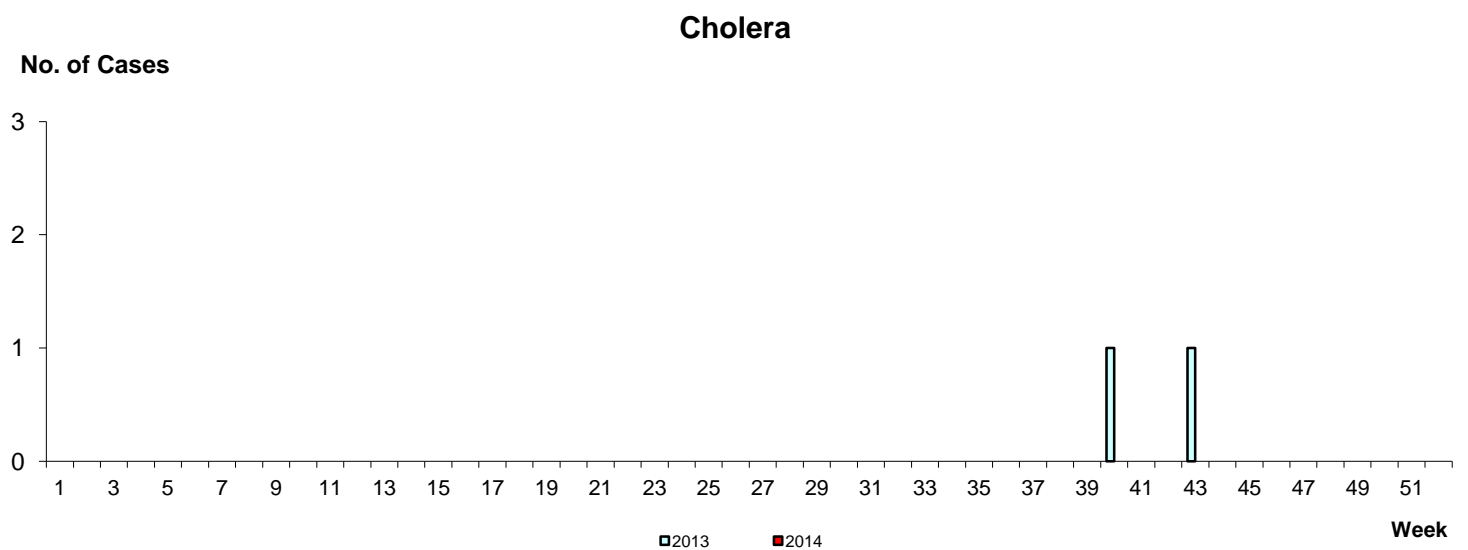
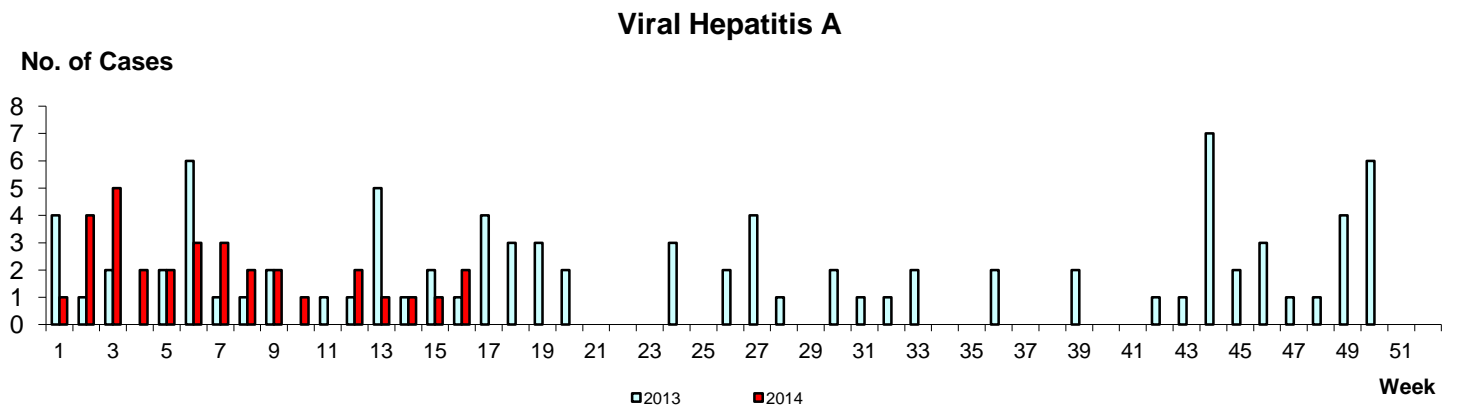
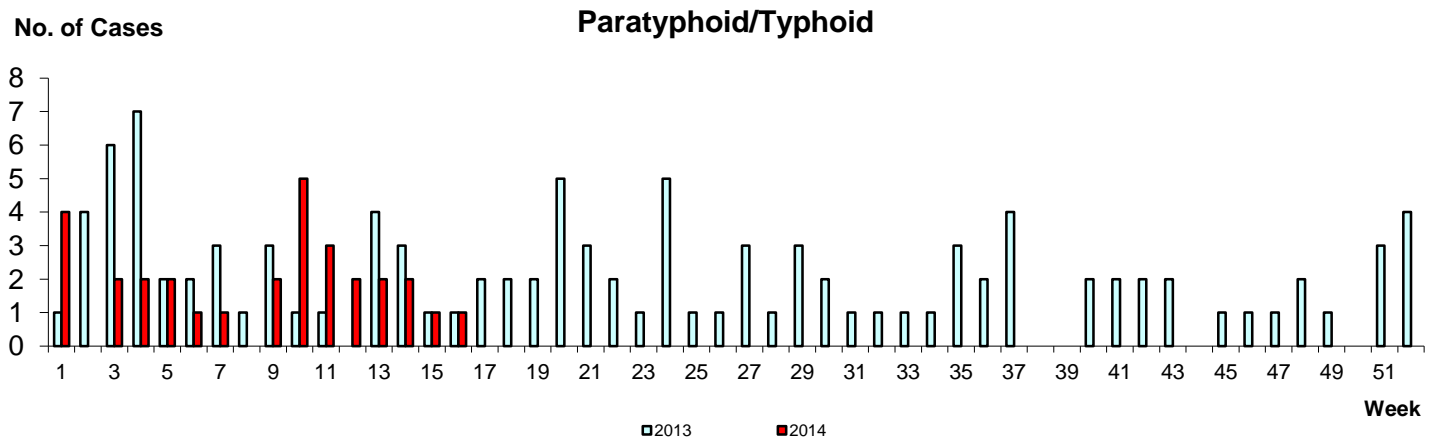
The proportion of patients with influenza-like illness (ILI) among the polyclinic attendances for ARI remained low at below 1%.

The overall prevalence of Influenza among ILI samples (n=120) in the community was 33.3% in the past 4 weeks. Of all the influenza virus isolates in March 2014, influenza B, influenza A(H1N1-2009) and influenza A(H3N2) comprised 67.6%, 23.5% and 8.8% respectively.



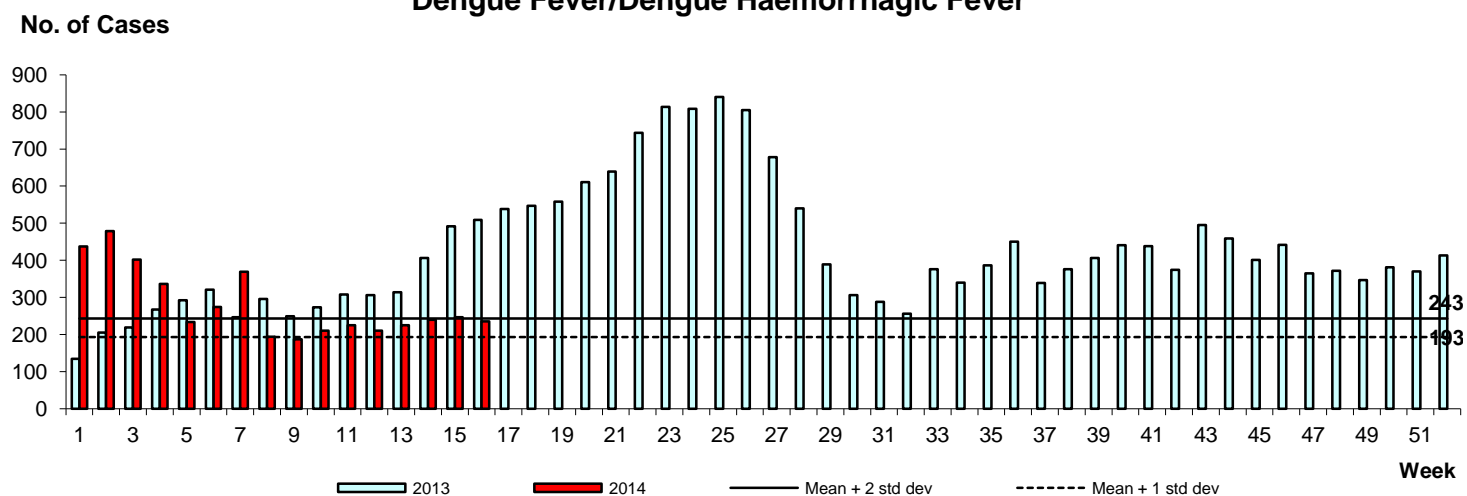
\*\* Based on influenza-like illness (ILI) samples from GPs and polyclinics

## WEEKLY INCIDENCE OF FOOD/WATER-BORNE DISEASES, 2013-2014

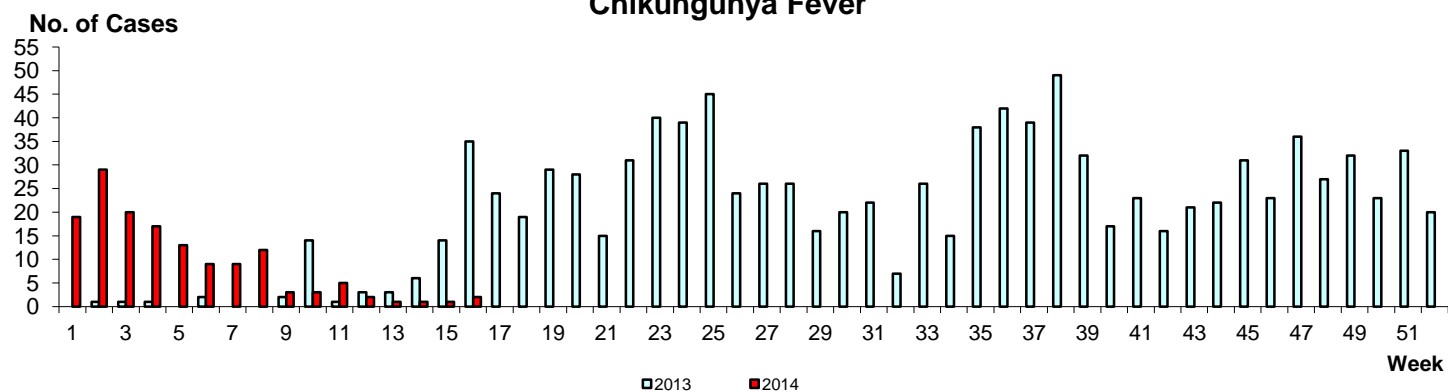


## WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2013-2014

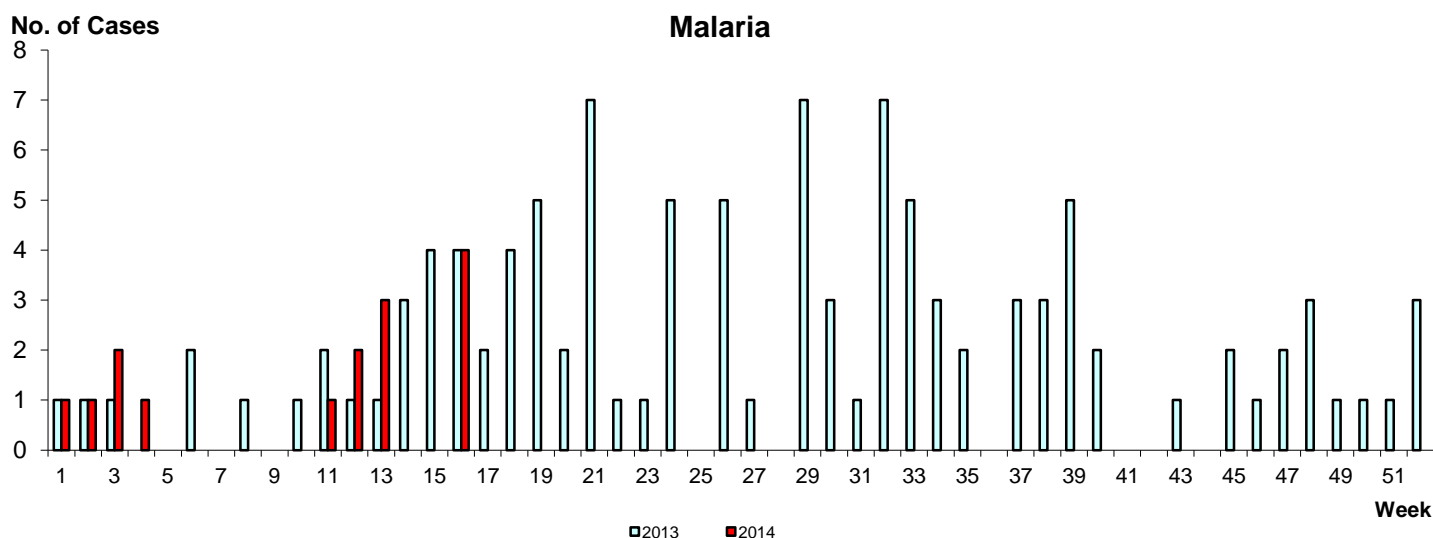
### Dengue Fever/Dengue Haemorrhagic Fever



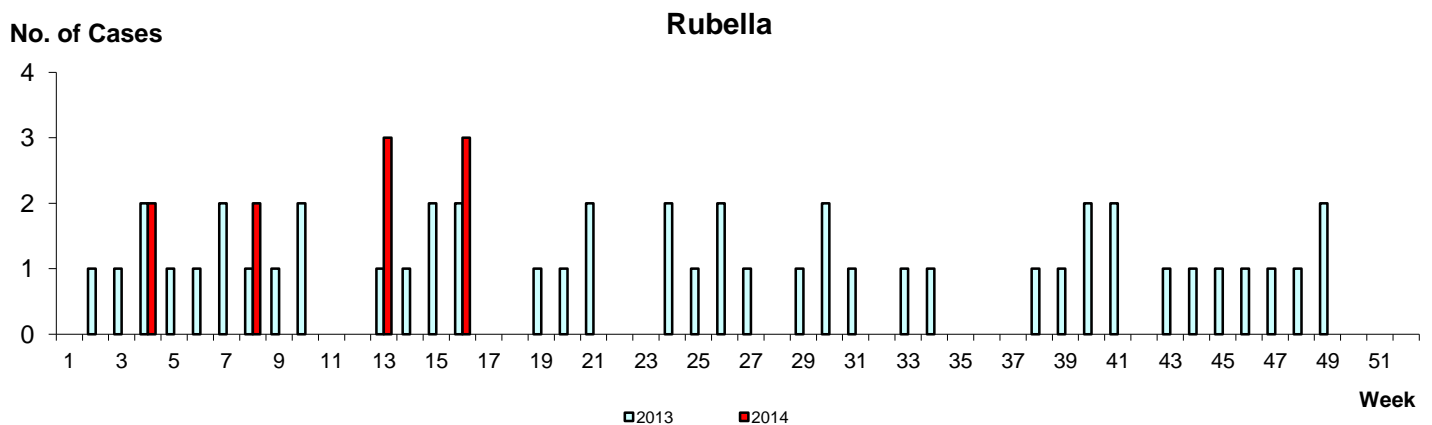
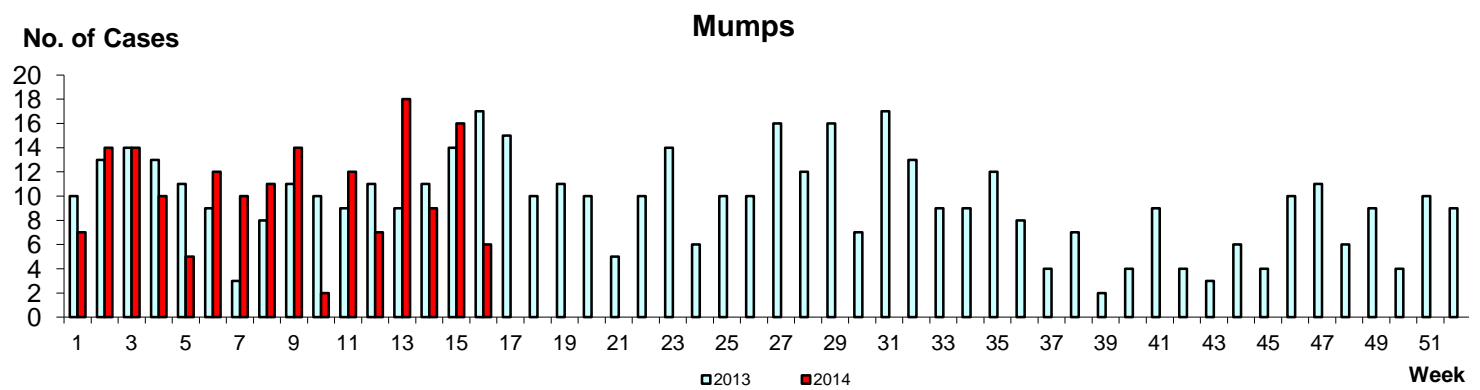
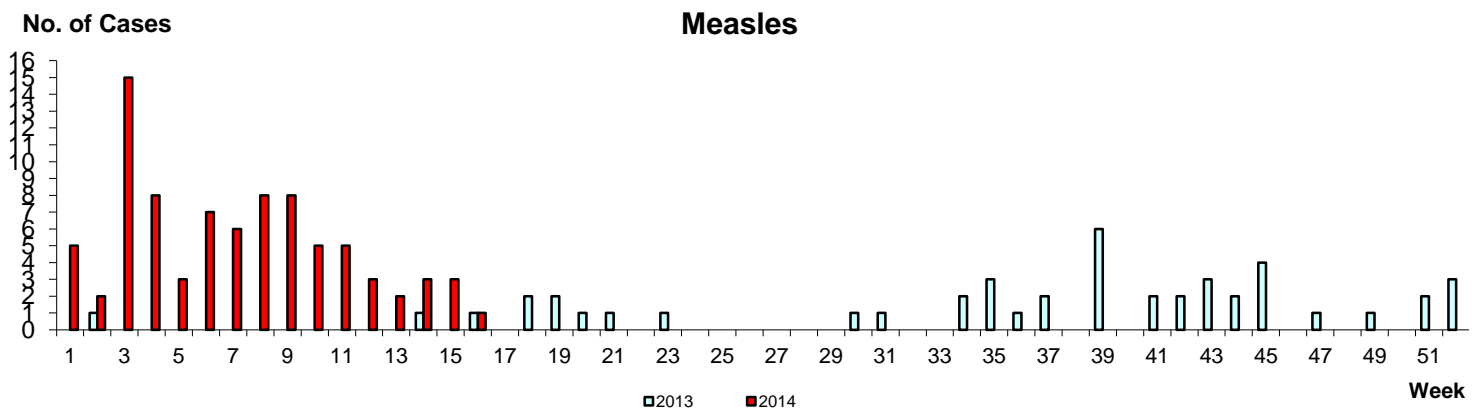
### Chikungunya Fever



### Malaria

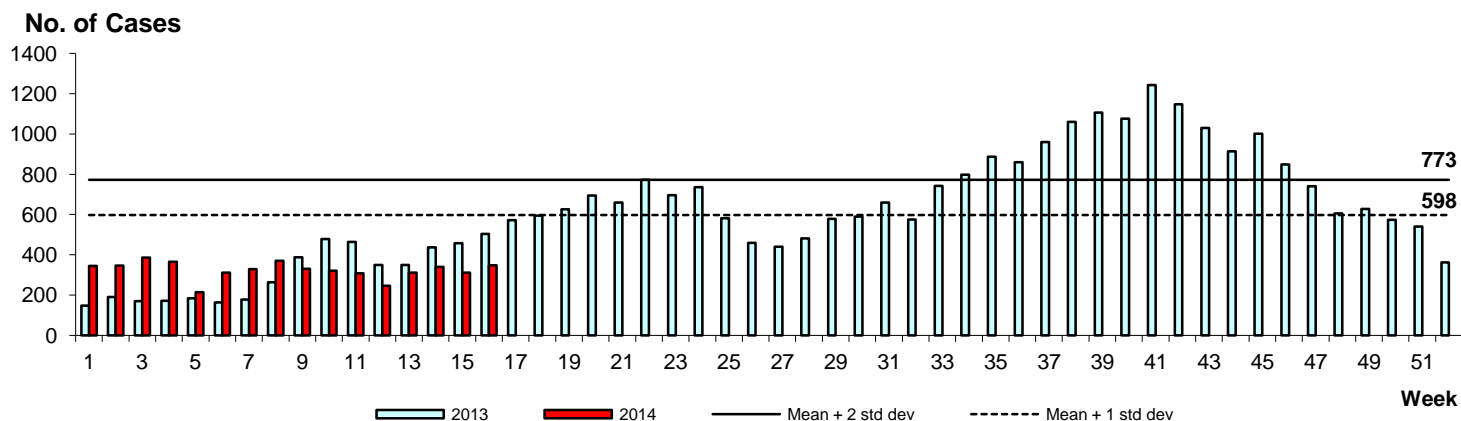


## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2013-2014



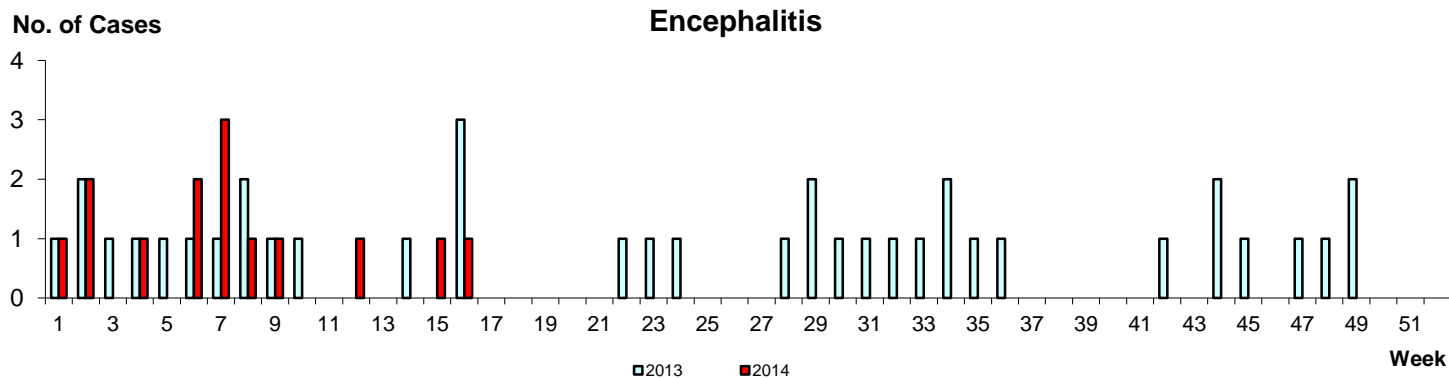
## WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2013-2014

### Hand, Foot & Mouth Disease

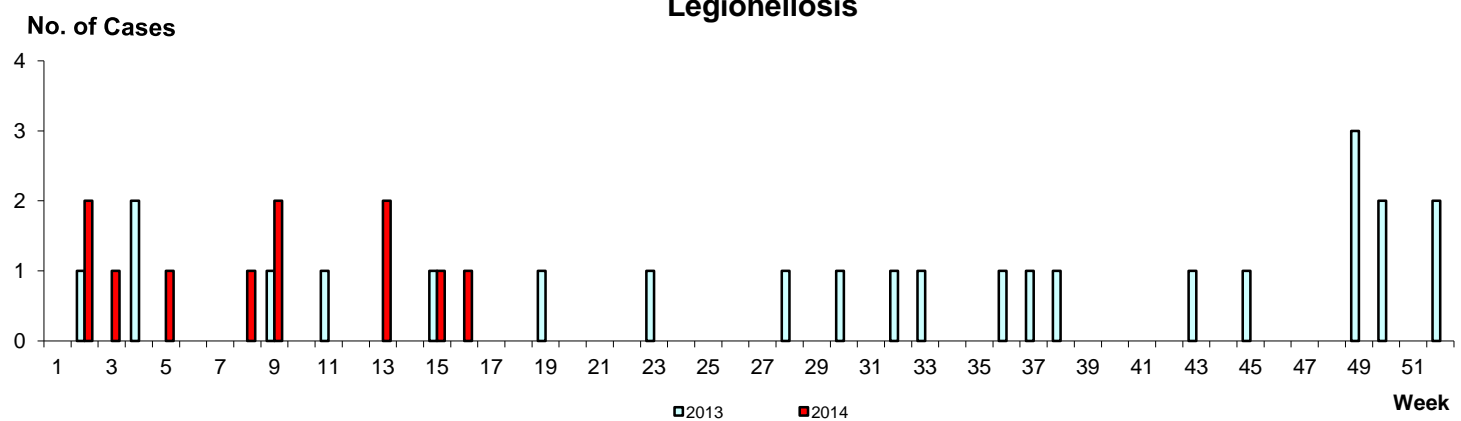


## WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2013-2014

### Encephalitis



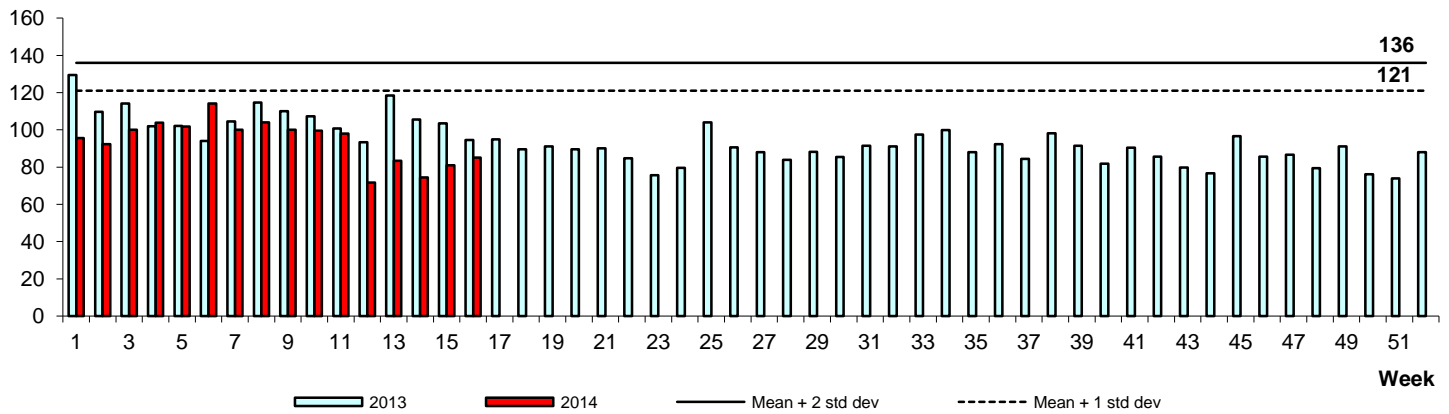
### Legionellosis



## POLYCLINIC ATTENDANCES, 2013-2014

### Conjunctivitis

Average daily no.



### Diarrhoeal Illness

Average daily no.

