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# WEEKLY INFECTIOUS DISEASE BULLETIN

EPIDEMIOLOGICAL WEEK 7 1

15 - 21 Feb 2015

|                                     | E Week       | 7              |  | Cumulative first 7 |      |            |
|-------------------------------------|--------------|----------------|--|--------------------|------|------------|
|                                     | 2015*        | 2014           | Median   | 2015               | 2014 | Median     |
|                                     | 2010         |                | 2010 -2014                                     |                    |      | 2010 -2014 |
| FOOD/WATER-BORNE DISEASES           |              |                |  |                    |      |            |
| Campylobacteriosis                  | 11           | 5              | 5  | 60                 | 53   | 53         |
| Cholera                             | 0            | 0              | 0  | 0                  | 0    | 0          |
| Paratyphoid                         | 0            | 0              | 1  | 3                  | 2    | 7          |
| Poliomyelitis                       | 0            | 0              | 0  | 0                  | 0    | 0          |
| Salmonellosis (non-enteric fevers)  | 24           | 30             | 26   | 212                | 200  | 188        |
| Typhoid                             | 1            | 1              | 1  | 12                 | 10   | 17         |
| Viral Hepatitis A                   | 1            | 3              | 1  | 11                 | 20   | 15         |
| Viral Hepatitis E                   | 1            | 1              | 1  | 6                  | 4    | 11         |
| VECTOR-BORNE DISEASES               |              |                |  |                    |      |            |
| Chikungunya Fever                   | 1            | 9              | 0  | 6                  | 116  | 5          |
| Dengue Fever                        | 99           | 369            | 69   | 1463               | 2529 | 633        |
| Dengue Haemorrhagic Fever           | 1            | 0              | 0  | 2                  | 2    | 5          |
| Malaria                             | 0            | 0              | 1  | 2                  | 5    | 10         |
| 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                        | 0            | 3              | 0  | 5                  | 8    | 6          |
| Haemophilus influenzae type b       | 0            | 1              | 0  | 0                  | 2    | 0          |
| Hand, Foot And Mouth Disease        | 417          | 329            | 329  | 3569               | 2299 | 2172       |
| Legionellosis                       | 0            | 0              | 0  | 3                  | 4    | 2          |
| Measles                             | 1            | 6              | 3  | 3                  | 46   | 13         |
| Melioidosis                         | 1            | 0              | 0  | 6                  | 3    | 5          |
| Meningococcal Disease               | 1            | 0              | 0  | 2                  | 1    | 1          |
| Mumps                               | 9            | 10             | 10   | 69                 | 72   | 73         |
| Pertussis                           | 1            | 0              | 0  | 11                 | 2    | 4          |
| Pneumococcal Disease (invasive)     | 3            | 3              | 3  | 18                 | 20   | 23         |
| Rubella                             | 1            | 0              | 2  | 3                  | 2    | 10         |
| Severe acute respiratory syndrome   | 0            | 0              | 0  | 0                  | 0    | 0          |
| OTHER DISEASES                      | •            |                | •  |                    | •    |            |
| Viral hepatitis B                   | 1            | 0              | 1  | 3                  | 5    | 5          |
| Viral hepatitis C                   | 2            | 1              | 0  | 5                  | 1    | 0          |
| <b>POLYCLINIC ATTENDANCES - AVE</b> | RAGE DAILY I | NUMBER***      | <u>,                                      </u> |                    |      |            |
| Acute upper respiratory infections  | 2959         | 2793           | 3033   |                    |      |            |
| Acute conjunctivitis                | 96           | 100            | 105  |                    |      |            |
| Acute Diarrhoea                     | 414          | 524            | 524  |                    |      |            |
| Chickenpox                          | 23           | 19             | NA   |                    |      |            |
| HIV/STI/TB NOTIFICATIONS            | 2015         | Jan            | 1 2 .  | Cumulative 2015    |      |            |
| HIV/AIDS                            | 3            |                | 1  | 34                 |      |            |
| Legally Notifiable STIs**           | 62           |                | † †  | 622                |      |            |
|                                     |              |                | † †  |                    |      |            |
| Tuberculosis                        | 14           | <del>F</del> T |  | 14                 | I    |            |

<sup>\*</sup> Preliminary figures, subject to revision when more information is available.

<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).

<sup>\*\*\*</sup> 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.

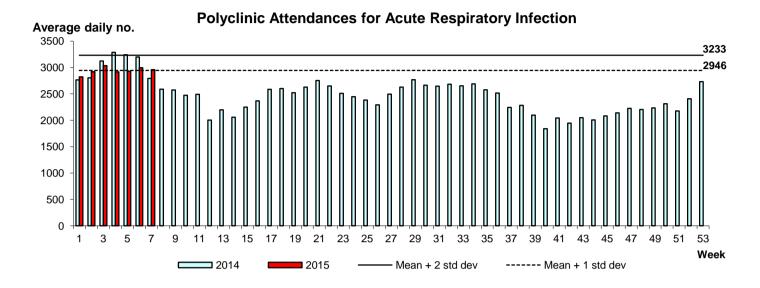
# SUMMARY OF INVESTIGATIONS, EPIDEMIOLOGICAL WEEK 7 15 - 21 Feb 2015

| 2015 Notification  | Epidemiological Week 7<br>15 - 21 Feb 2015 |  | Cumulative first                             |                            | 6 Weeks  |  |
|--|--|--|--|----------------------------|--|--|
| FOOD/WATER-BORNE DISEASES                                |  | 15-2   | 1 Feb 2015                                   |                            |  |  |
| FOODIWATER-BORNE DISEASES                                |  | Imported :   | 1 aparadia                                   |                            | Imported :   | 3 sporadic   |
| Campylobacteriosis                                       | 11   | Local :  | 1 sporadic<br>9 sporadic                     | 49                         | Imported :<br>Local :  | 46 sporadic  |
|  | Pending Invest                             |  | 9 Sporadic                                   | Pending Inve               |  | 40 Sporadic  |
| Cholera  | rending invest                             | Imported :   | sporadic                                     | Fending inv                | Imported :   | sporadic   |
| Cholera  | 0  | Local :  | sporadic                                     | 0                          | Local :  | sporadic   |
|  | Pending Invest                             |  | Sporadic                                     | Pending Inve               |  | Sporadic   |
|  | Ţ.   | Imported :   | sporadic                                     |                            | Imported :   | 2 sporadic   |
| Paratyphoid  | 0  | Local :  | sporadic                                     | 3                          | Local :  | 1 sporadic   |
|  | Pending Invest                             |  | oporadio                                     | Pending Inve               |  | 1 operadio   |
|  | ·  | Imported :   | 1 sporadic                                   |                            | Imported :   | 15 sporadic  |
| Salmonellosis (non-enteric fevers)                       | 24   | Local :  | 15 sporadic                                  | 188                        | Local :  | 172 sporadic                                       |
|  | Pending Invest                             |  | 10 oporadio                                  | Pending Inv                | estigation : 1   | 172 operadio                                       |
|  | r chaing invest                            | Imported :   | sporadic                                     | r chairig inv              | Imported :   | 11 sporadic  |
| Typhoid  | 1  | Local :  | sporadic                                     | 11                         | Local :  | sporadic   |
|  | Pending Invest                             |  | Sporaulo                                     | Pending Inve               |  | sporaulo   |
|  | r chang invest                             | Imported :   | sporadic                                     |                            | Imported :   | 9 sporadic   |
| Viral Hepatitis A  | 1  | Local :  | •  | 10                         | Local :  | 1 sporadic   |
|  | Pending Invest                             |  | sporadic                                     | Pending Inve               |  | i sporadic   |
|  | Pending invest                             | Imported :   | anaradia                                     | renaing inv                |  | 1 aparadia   |
| Viral Hepatitis E  | 1  |  | sporadic                                     | 5                          | Imported :   | 1 sporadic   |
|  | Dandina Jawa et                            | Local:   | sporadic                                     | Danadin ar Inc.            | Local:   | 4 sporadic   |
| VECTOR RODNE DICEACES                                    | Pending Invest                             | igation: 1   |  | Pending Inve               | estigation :   |  |
| VECTOR-BORNE DISEASES                                    |  | In a r   | 4 19   |                            | Tr   | 0 "  |
| Chikungunya Fever  | 1  | Imported :   | 1 sporadic                                   | 5                          | Imported :   | 2 sporadic   |
| <i>3</i> ,   | Dan d'a a la casa                          | Local :  | sporadic                                     | December of the section of | Local:   | 3 sporadic   |
|  | Pending Invest                             |  |  | Pending Inve               | estigation :   |  |
| Dengue Fouer   | 00   | Active Clusters  |  | 1364                       |  |  |
| Dengue Fever   | http://www.dengue.gov.sg                   |  | 1304   |                            |  |  |
| Dengue Haemorrhagic Fever                                | 1  | IIIIp.//www  | .uerigue.gov.sg                              | 1                          | -  |  |
| Derigue Haemormagic Fever                                | '  |  |  | '                          |  |  |
|  |  |  |  |                            |  |  |
|  |  | Imported :   | sporadic                                     |                            | Imported :   | 2 sporadic   |
| Malaria  | 0  | Local :  | sporadic                                     | 2                          | Local:   | sporadic   |
|  | Pending Invest                             |  |  | Pending Inve               |  | .,   |
| AIR/DROPLET-BORNE DISEASES                               |  |  |  |                            | <u> </u>   |  |
|  | _  | Imported:  | sporadic                                     |                            | Imported:  | 1 sporadic   |
| Encephalitis   | 0  | Local:   | sporadic                                     | 5                          | Local :  | 4 sporadic   |
|  | Pending Invest                             |  | Sp 5.4410                                    | Pending Inve               |  | . Sporadio   |
|  |  | Imported :   | sporadic                                     | _                          | Imported :   | sporadic   |
| Legionellosis  | 0  | Local :  | sporadic                                     | 3                          | Local :  | 3 sporadic   |
|  | Pending Investi                            | ļ  | Sporadic                                     | Pending Inve               |  | o sporadio   |
|  | r ending invest                            | Imported :   | oporadia                                     | r enaing inv               | Imported :   | on a radia   |
| Melioidosis  | 1  | Imported :<br>Local :  | sporadio                                     | 5                          |  | sporadic<br>5 sporadic                             |
|  |  | u ocal   | sporadic                                     |                            | Local :  | o sporadic   |
|  | Dending Invest                             |  |  | Danding Inv                | actination ·   |  |
|  | Pending Invest                             | igation: 1   | ·  | Pending Inve               |  | ·  |
| Meningococcal Disease                                    | Pending Invest                             | igation: 1<br>Imported:  | sporadic                                     | Pending Inventor           | Imported :   | sporadic   |
|  | 1  | igation : 1<br>Imported :<br>Local :   | ·  | 1                          | Imported :<br>Local :  | ·  |
| Meningococcal Disease                                    |  | igation : 1<br>Imported :<br>Local :   | sporadic                                     |                            | Imported :<br>Local :  | sporadic   |
|  | 1  | igation : 1 Imported : Local : igation: 1  | sporadic<br>sporadic                         | 1                          | Imported : Local : estigation :                                      | sporadic<br>1 sporadic                             |
| Meningococcal Disease                                    | 1  | igation : 1 Imported : Local : igation: 1 Imported :   | sporadic<br>sporadic<br>sporadic             | 1                          | Imported : Local : estigation : Imported :                           | sporadic 1 sporadic 1 sporadic                     |
| Meningococcal Disease  OTHER DISEASES                    | 1 Pending Invest                           | igation : 1 Imported : Local : igation: 1 Imported : Local :                                   | sporadic<br>sporadic                         | 1 Pending Inve             | Imported : Local : estigation :  Imported : Local :                  | sporadic<br>1 sporadic                             |
| Meningococcal Disease  OTHER DISEASES                    | 1<br>Pending Invest                        | igation : 1 Imported : Local : igation: 1 Imported : Local : igation : 1                       | sporadic<br>sporadic<br>sporadic<br>sporadic | 1 Pending Inve             | Imported: Local: estigation:  Imported: Local: estigation:           | sporadic 1 sporadic 1 sporadic 1 sporadic          |
| Meningococcal Disease  OTHER DISEASES  Viral hepatitis B | 1 Pending Invest                           | igation : 1 Imported : Local : igation: 1 Imported : Local : igation : 1 Imported :            | sporadic sporadic sporadic sporadic sporadic | 1 Pending Inve             | Imported: Local: estigation:  Imported: Local: estigation: Imported: | sporadic 1 sporadic 1 sporadic 1 sporadic sporadic |
| Meningococcal Disease  OTHER DISEASES                    | 1 Pending Invest  1 Pending Invest         | igation: 1 Imported: Local: igation: 1 Imported: Local: igation: 1 Imported: Local: igation: 1 | sporadic<br>sporadic<br>sporadic<br>sporadic | 1 Pending Invo             | Imported: Local: estigation:  Imported: Local: estigation:           | sporadic 1 sporadic 1 sporadic 1 sporadic          |

#### **Influenza Situation in Singapore 2015**

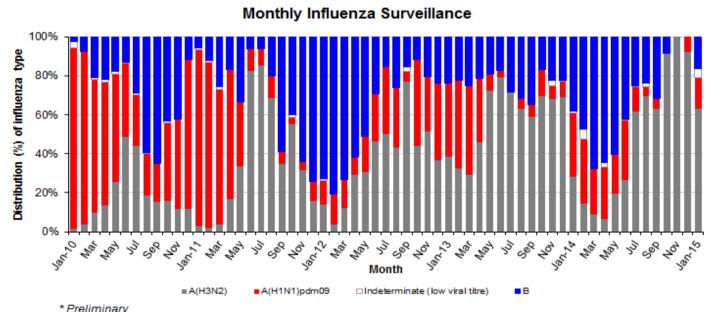
Influenza indicators for E-week 7 (15 February - 21 February 2015) are as follows:

The average daily number of patients seeking treatment in the polyclinics for ARI decreased from 2,997 (over 5.5 working days) in E-week 6 to 2,959 (over 3 working days) in E-week 7.



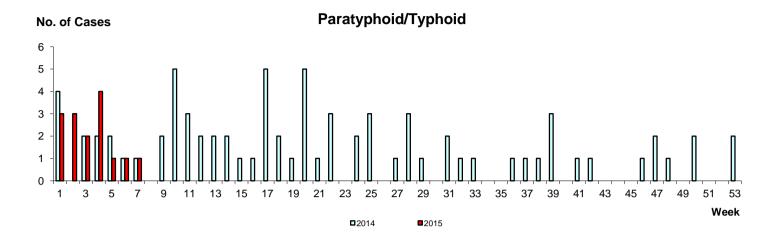
The proportion of patients with influenza-like illness (ILI) among the polyclinic attendances for ARI remained low approximately 1%.

The overall prevalence of influenza among ILI samples (n=97) in the community was 34.0% in the past 4 weeks. Of the specimens tested positive for influenza in January 2015, 62.8% were positive for influenza A(H3N2) and 16.3% were positive for influenza B or influenza A(H1N1)pdm09.

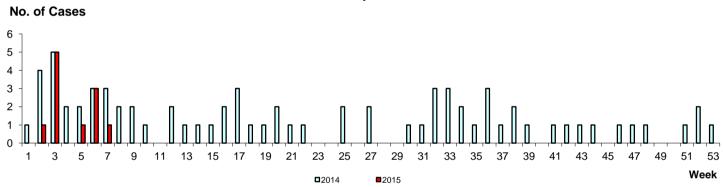


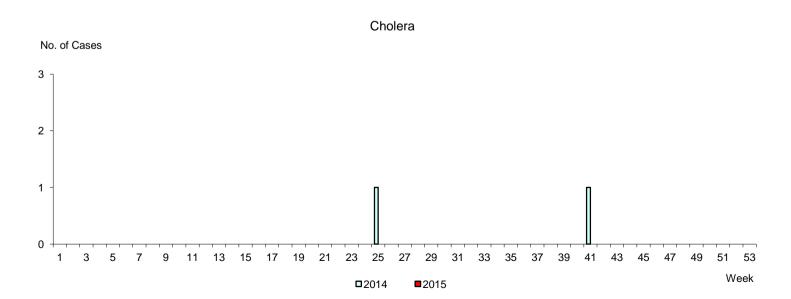
<sup>\*\*</sup> Based on influenza-like illness (ILI) samples from GPs and polyclinics

# WEEKLY INCIDENCE OF FOOD/WATER-BORNE DISEASES, 2014-2015



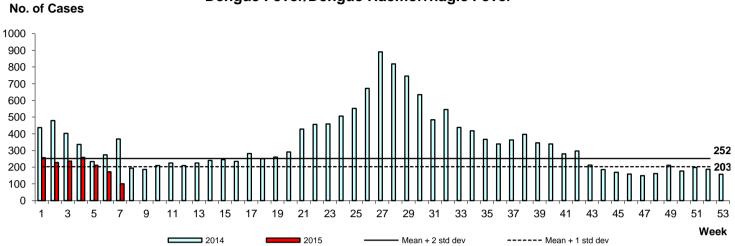
# Viral Hepatitis A



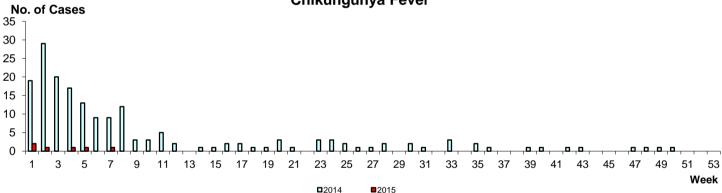


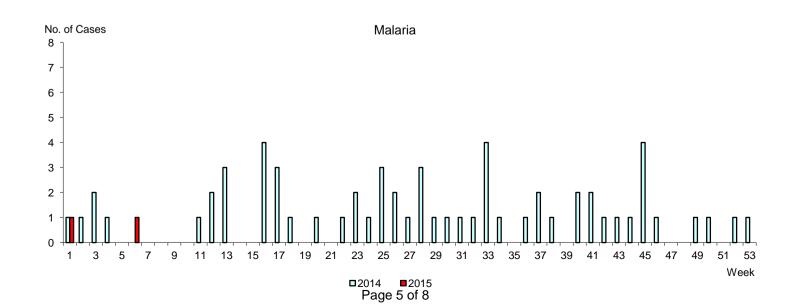
### **WEEKLY INCIDENCE OF VECTOR-BORNE DISEASES, 2014-2015**



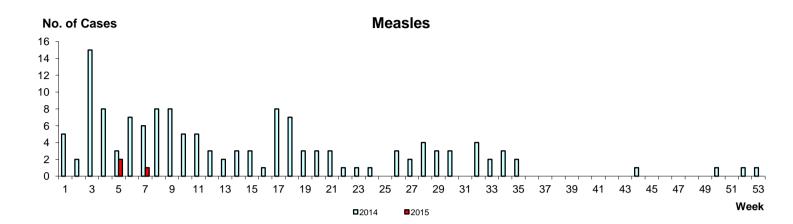


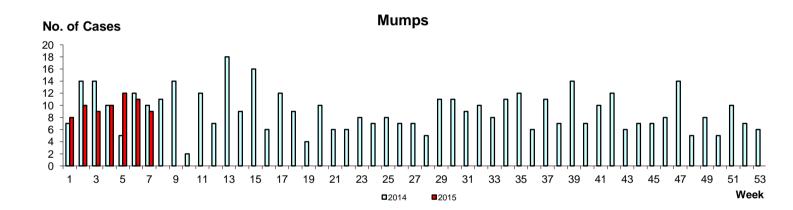
## Chikungunya Fever

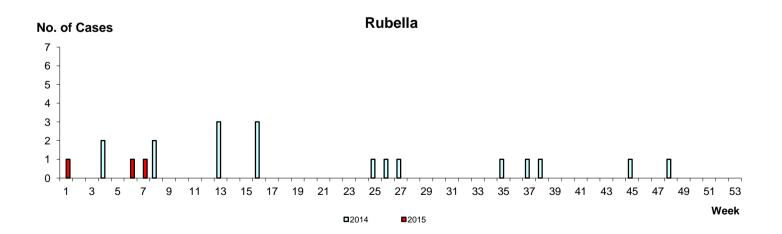




### WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2014-2015

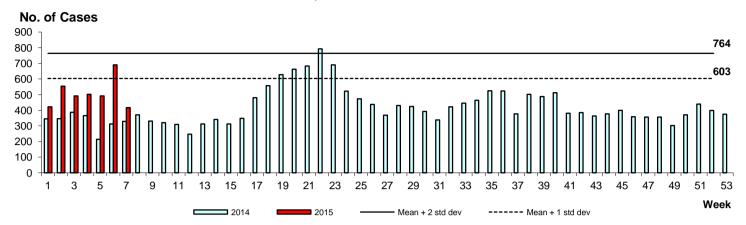




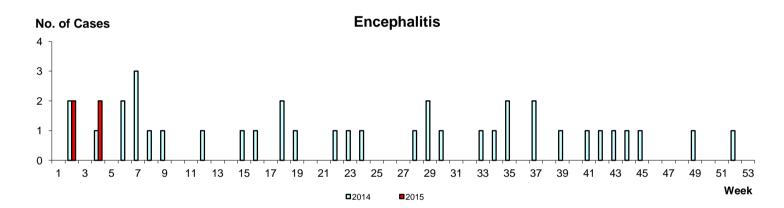


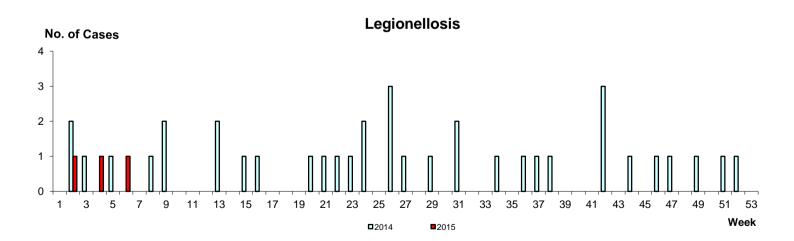
# WEEKLY INCIDENCE OF AIR/DROPLET-BORNE DISEASES, 2014-2015

#### Hand, Foot & Mouth Disease



## WEEKLY INCIDENCE OF OTHER INFECTIOUS DISEASES, 2014-2015





## **POLYCLINIC ATTENDANCES, 2014-2015**

