



# Disease Surveillance Express

## Weekly Data of Notifiable Infectious Diseases (by week of diagnosis)

| Classification                     | Case diagnosis week<br>Disease Diagnosed <sup>1</sup> | Week 30  |      | Week 1–30 |      |
|------------------------------------|---|----------|------|-----------|------|
|                                    |   | 2015     | 2014 | 2015      | 2014 |
| Category I                         | Plague  | 0        | 0    | 0         | 0    |
|                                    | Rabies  | 0        | 0    | 0         | 0    |
|                                    | SARS  | 0        | 0    | 0         | 0    |
|                                    | Smallpox  | 0        | 0    | 0         | 0    |
| Category II                        | Acute Flaccid Paralysis                               | 0        | 2    | 10        | 25   |
|                                    | Acute Viral Hepatitis type A                          | 4        | 2    | 56        | 69   |
|                                    | Amoebiasis  | 6        | 4    | 203       | 142  |
|                                    | Anthrax   | 0        | 0    | 0         | 0    |
|                                    | Chikungunya Fever                                     | 0        | 0    | 4         | 6    |
|                                    | Cholera   | 0        | 0    | 4         | 3    |
|                                    | Dengue Fever  | 127      | 92   | 563       | 445  |
|                                    | Diphtheria  | 0        | 0    | 0         | 0    |
|                                    | Enterohemorrhagic E. coli Infection                   | 0        | 0    | 0         | 0    |
|                                    | Epidemic Typhus Fever                                 | 0        | 0    | 0         | 0    |
|                                    | Hantavirus Pulmonary Syndrome                         | 0        | 0    | 0         | 0    |
|                                    | Hemorrhagic Fever with Renal Syndrome                 | 0        | 0    | 1         | 1    |
|                                    | Malaria   | 0        | 0    | 7         | 10   |
|                                    | Measles   | 0        | 0    | 27        | 17   |
|                                    | Meningococcal Meningitis                              | 0        | 0    | 2         | 3    |
|                                    | Paratyphoid Fever                                     | 0        | 0    | 1         | 6    |
|                                    | Poliomyelitis   | 0        | 0    | 0         | 0    |
|                                    | Rubella   | 0        | 0    | 6         | 5    |
|                                    | Shigellosis   | 2        | 2    | 101       | 90   |
|                                    | Typhoid fever   | 2        | 0    | 21        | 14   |
| West Nile Fever                    | 0   | 0        | 0    | 0         |      |
| Category III                       | Acute Viral Hepatitis type B                          | 3        | 2    | 71        | 62   |
|                                    | Acute Viral Hepatitis type C <sup>4</sup>             | 5        | 0    | 127       | 97   |
|                                    | Acute Viral Hepatitis type D                          | 0        | 0    | 1         | 0    |
|                                    | Acute Viral Hepatitis type E                          | 0        | 0    | 1         | 8    |
|                                    | Acute Viral Hepatitis untype                          | 0        | 0    | 2         | 3    |
|                                    | Congenital Rubella Syndrome                           | 0        | 0    | 0         | 0    |
|                                    | Enteroviruses Infection with Severe Complications     | 0        | 0    | 4         | 6    |
|                                    | Haemophilus Influenza type b Infection                | 0        | 0    | 1         | 2    |
|                                    | Japanese Encephalitis                                 | 1        | 1    | 23        | 12   |
|                                    | Legionellosis   | 2        | 2    | 98        | 74   |
|                                    | Mumps <sup>2</sup>                                    | 15       | 17   | 462       | 513  |
|                                    | Neonatal Tetanus                                      | 0        | 0    | 0         | 0    |
|                                    | Pertussis   | 0        | 1    | 55        | 28   |
|                                    | Tetanus <sup>2</sup>                                  | 0        | 1    | 6         | 3    |
|                                    | Category IV   | Botulism | 0    | 0         | 2    |
| Brucellosis                        |   | 0        | 0    | 0         | 0    |
| Complicated Influenza              |   | 12       | 15   | 736       | 1687 |
| Complicated Varicella <sup>3</sup> |   | 1        | 1    | 35        | 36   |
| Endemic Typhus Fever               |   | 1        | 0    | 19        | 14   |
| Herpesvirus B Infection            |   | 0        | 0    | 0         | 0    |
| Invasive Pneumococcal Disease      |   | 5        | 4    | 331       | 388  |
| Leptospirosis                      |   | 2        | 2    | 31        | 31   |
| Lyme Disease                       |   | 0        | 0    | 1         | 0    |
| Melioidosis                        |   | 0        | 0    | 16        | 11   |
| Q Fever                            |   | 1        | 2    | 24        | 36   |
| Scrub Typhus                       |   | 16       | 21   | 200       | 227  |
| Toxoplasmosis                      |   | 0        | 1    | 6         | 8    |
| Tularremia                         | 0   | 0        | 0    | 0         |      |
| Category V                         | Ebola Virus Disease                                   | 0        | 0    | 0         | 0    |
|                                    | Ebola-Marburg Hemorrhagic Fever                       | 0        | 0    | 0         | 0    |
|                                    | Novel Influenza A Virus Infections <sup>5</sup>       | 0        | 0    | 0         | 0    |
|                                    | Lassa Fever   | 0        | 0    | 0         | 0    |
|                                    | Rift Valley Fever                                     | 0        | 0    | 0         | 0    |
|                                    | Middle East Respiratory Syndrome Coronavirus          | 0        | 0    | 0         | 0    |
| Yellow Fever                       | 0   | 0        | 0    | 0         |      |

- The following 8 chronic diseases are excluded from the table: MDR-TB, Tuberculosis, Syphilis, Gonorrhea, HIV Infection, AIDS, Hansen Disease and Creutzfeldt-Jakob Disease.
- Reported cases.
- Since 2014/1/1, "Varicella" was modified to "Complicated Varicella".
- Since 2014/3/6, the case definition for confirmed Acute hepatitis C was changed from "meet the clinical **and** laboratory conditions" to "meet the clinical **or** laboratory conditions".
- Since 2014/7/1, various subtypes of human cases of avian influenza are reported as "novel influenza A virus infections", a Category V Notifiable Infectious Disease. The original "H5N1 flu" and "H7N9 flu", which were respectively listed as a Category I Notifiable Infectious Disease and a Category V Notifiable Infectious Disease were removed from the list on the same day.



## Suspected Clusters

- Thirteen clusters were reported, including 8 diarrhea clusters, 2 tuberculosis clusters, 2 upper respiratory tract infection clusters, and 1 influenza-like illness cluster.

## Imported Infectious Diseases

- 14 confirmed cases were imported from 5 countries during Week 30 of 2015.

| Country<br>Disease | Philippines | Indonesia | Vietnam | Thailand | Cambodia | Total |
|--------------------|-------------|-----------|---------|----------|----------|-------|
| Dengue Fever       | 6           | 1         | 1       | 1        | 1        | 10    |
| Amoebiasis         |             | 3         |         |          |          | 3     |
| Hepatitis A        | 1           |           |         |          |          | 1     |
| Total              | 7           | 4         | 1       | 1        | 1        | 14    |

Note: The statistics listed in this table include imported cases that were either confirmed or updated\* in the previous week.

- A total of 376 confirmed cases were imported from 26 countries in 2015.
- Top 3 imported diseases : Dengue fever (138), Amoebiasis (121), Shigellosis (53).
- Top 3 countries responsible for most imported cases : Indonesia (227), Philippines (29), China (19).

## Summary of Epidemic

- Dengue Fever** : The ongoing dengue outbreak has increased in Tainan City. The number of new cases reported in Week 30 is 1.3 times higher than that reported in Week 29, reaching a new record over the last decade. The epidemic has continued to show signs of expansion in North District, Annan District and West Central District, Tainan City. In addition, new sporadic cases have been confirmed in Kaohsiung City and the first indigenous case in Pingtung County has been reported. Furthermore, the Breteau Index in most village are high, prompting the risk of an outbreak remains.
- Enterovirus** : Although the epidemic is expected to gradually slow down, it still remained at its peak. Coxsackie A virus is currently the dominant strain circulating in the community. So far, a total of 4 cases of severe enterovirus infection have been confirmed. Of these cases, two died.

