



## Disease Surveillance Express

### Numbers of New Cases and Cumulative Cases of Notifiable Infectious Diseases (by week of diagnosis)

| Classification       | Case diagnosis week<br>Disease Diagnosed          | Week 15 |      | Week 1–15 |      |
|----------------------|---|---------|------|-----------|------|
|                      |   | 2017    | 2016 | 2017      | 2016 |
| 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                           | 1       | 0    | 13        | 9    |
|                      | Acute Viral Hepatitis type A                      | 14      | 23   | 212       | 189  |
|                      | Amoebiasis  | 7       | 4    | 104       | 76   |
|                      | Anthrax   | 0       | 0    | 0         | 0    |
|                      | Chikungunya Fever                                 | 0       | 0    | 5         | 3    |
|                      | Cholera   | 0       | 0    | 0         | 0    |
|                      | Dengue Fever                                      | 2       | 7    | 72        | 515  |
|                      | 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         | 2    |
|                      | Malaria   | 0       | 0    | 0         | 4    |
|                      | Measles   | 2       | 0    | 5         | 1    |
|                      | Meningococcal Meningitis                          | 0       | 0    | 5         | 2    |
|                      | Paratyphoid Fever                                 | 0       | 0    | 3         | 0    |
|                      | Poliomyelitis                                     | 0       | 0    | 0         | 0    |
|                      | Rubella   | 0       | 0    | 0         | 3    |
|                      | Shigellosis                                       | 7       | 3    | 61        | 61   |
| Typhoid fever        | 0   | 0       | 7    | 1         |      |
| West Nile Fever      | 0   | 0       | 0    | 0         |      |
| Category III         | Acute Viral Hepatitis type B                      | 3       | 2    | 50        | 25   |
|                      | Acute Viral Hepatitis type C <sup>4</sup>         | 4       | 4    | 70        | 52   |
|                      | Acute Viral Hepatitis type D                      | 0       | 0    | 1         | 1    |
|                      | Acute Viral Hepatitis type E                      | 2       | 0    | 7         | 4    |
|                      | Acute Viral Hepatitis untype                      | 0       | 0    | 0         | 0    |
|                      | Congenital Rubella Syndrome                       | 0       | 0    | 0         | 0    |
|                      | Enteroviruses Infection with Severe Complications | 0       | 1    | 1         | 3    |
|                      | Haemophilus Influenza type b Infection            | 0       | 0    | 2         | 2    |
|                      | Japanese Encephalitis                             | 0       | 0    | 0         | 0    |
|                      | Legionellosis                                     | 2       | 2    | 32        | 31   |
|                      | Mumps   | 15      | 5    | 178       | 155  |
|                      | Neonatal Tetanus                                  | 0       | 0    | 0         | 0    |
|                      | Pertussis   | 1       | 0    | 7         | 2    |
|                      | Tetanus   | 0       | 0    | 2         | 2    |
| Category IV          | Botulism  | 0       | 0    | 0         | 1    |
|                      | Brucellosis                                       | 0       | 0    | 0         | 0    |
|                      | Complicated Influenza                             | 10      | 23   | 167       | 1775 |
|                      | Complicated Varicella                             | 0       | 1    | 6         | 13   |
|                      | Endemic Typhus Fever                              | 0       | 0    | 6         | 3    |
|                      | Herpesvirus B Infection                           | 0       | 0    | 0         | 0    |
|                      | Invasive Pneumococcal Disease                     | 16      | 14   | 185       | 243  |
|                      | Leptospirosis                                     | 1       | 0    | 24        | 12   |
|                      | Lyme Disease                                      | 0       | 0    | 0         | 0    |
|                      | Melioidosis                                       | 1       | 1    | 7         | 4    |
|                      | Q Fever   | 3       | 0    | 5         | 8    |
|                      | Scrub Typhus                                      | 5       | 0    | 93        | 70   |
|                      | Toxoplasmosis                                     | 0       | 2    | 6         | 5    |
| Tularremia           | 0   | 0       | 0    | 0         |      |
| Category V           | Ebola Virus Disease                               | 0       | 0    | 0         | 0    |
|                      | Marburg Hemorrhagic Fever                         | 0       | 0    | 0         | 0    |
|                      | Novel Influenza A Virus Infections                | 0       | 0    | 1         | 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    |
| Zika Virus Infection | 1   | 0       | 1    | 1         |      |

1. The numbers of new cases and cumulative cases of notifiable infectious diseases include indigenous and imported cases.
2. The following 8 chronic diseases are excluded from the table: MDR-TB, Tuberculosis, Syphilis, Gonorrhea, HIV Infection, AIDS, Hansen Disease and Creutzfeldt-Jakob Disease.
3. Reported cases.
4. Since 2016/1/22, "Zika Virus Infection" was listed as a Notifiable Infectious Disease.



## Suspected Clusters

- Twenty-five clusters were reported, including 5 tuberculosis clusters, 13 diarrhea clusters, 3 upper respiratory tract infection clusters, 2 influenza-like illness clusters and 2 varicella clusters.

## Imported Infectious Diseases

- 10 confirmed cases were imported from 5 countries during Week 15 of 2017.

| Disease \ Country | Indonesia | Thailand | Korea | Angola | Philippines | Total |
|-------------------|-----------|----------|-------|--------|-------------|-------|
| Hepatitis A       |           | 1        | 1     |        |             | 2     |
| DF                | 2         |          |       |        |             | 2     |
| Amoebiasis        | 1         |          |       |        | 1           | 2     |
| Shigellosis       | 2         |          |       |        |             | 2     |
| Zika              |           |          |       | 1      |             | 1     |
| Measles           |           | 1        |       |        |             | 1     |
| Total             | 5         | 2        | 1     | 1      | 1           | 10    |

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

- A total of 203 confirmed cases were imported from 20 countries in 2017.
- Top 3 imported diseases : Dengue fever (72), Amoebiasis (55), Shigellosis (22).
- Top 3 countries responsible for most imported cases : Indonesia (86), Vietnam (22), Malaysia (20).

## Summary of Epidemic

- **Diarrhea** : The epidemic activity is expected to decrease gradually.
- **Influenza** : The influenza activity is expected to decrease gradually.
- **Scrub Typhus** : The scrub typhus epidemic season has begun. The affected areas primarily include Hualien County and Taitung County.

