



## Disease Surveillance Express

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

| Case diagnosis year  |   | Week 21★ |      | Week 1-21    |                |              |                |
|----------------------|---|----------|------|--------------|----------------|--------------|----------------|
| Classification       | Disease Diagnosed                                 | 2017     | 2016 | 2017         |                | 2016         |                |
|                      |   |          |      | Total cases★ | Imported cases | Total cases★ | Imported cases |
| Category I           | Plague  | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Rabies  | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | SARS  | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Smallpox  | 0        | 0    | 0            | 0              | 0            | 0              |
| Category II          | Acute Flaccid Paralysis                           | 0        | 0    | 15           | 0              | 13           | 0              |
|                      | Acute Viral Hepatitis type A                      | 9        | 29   | 254          | 25             | 329          | 27             |
|                      | Amoebiasis  | 11       | 6    | 145          | 80             | 104          | 47             |
|                      | Anthrax   | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Chikungunya Fever                                 | 0        | 0    | 5            | 5              | 4            | 4              |
|                      | Cholera   | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Dengue Fever                                      | 1        | 5    | 91           | 91             | 548          | 113            |
|                      | Diphtheria  | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Enterohemorrhagic E. coli Infection               | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Epidemic Typhus Fever                             | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Hantavirus Pulmonary Syndrome                     | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Hemorrhagic Fever with Renal Syndrome             | 0        | 0    | 1            | 0              | 3            | 0              |
|                      | Malaria   | 0        | 0    | 1            | 1              | 5            | 5              |
|                      | Measles   | 0        | 0    | 5            | 5              | 4            | 3              |
|                      | Meningococcal Meningitis                          | 0        | 0    | 6            | 0              | 2            | 0              |
|                      | Paratyphoid Fever                                 | 1        | 0    | 3            | 3              | 0            | 0              |
|                      | Poliomyelitis                                     | 0        | 0    | 0            | 0              | 0            | 0              |
| Rubella              | 0   | 0        | 0    | 0            | 4              | 3            |                |
| Shigellosis          | 2   | 4        | 85   | 33           | 90             | 45           |                |
| Typhoid fever        | 2   | 0        | 10   | 9            | 2              | 1            |                |
| West Nile Fever      | 0   | 0        | 0    | 0            | 0              | 0            |                |
| Category III         | Acute Viral Hepatitis type B                      | 3        | 3    | 64           | 3              | 40           | 1              |
|                      | Acute Viral Hepatitis type C                      | 11       | 10   | 95           | 1              | 86           | 1              |
|                      | Acute Viral Hepatitis type D                      | 0        | 0    | 1            | 0              | 1            | 0              |
|                      | Acute Viral Hepatitis type E                      | 0        | 0    | 7            | 2              | 8            | 3              |
|                      | Acute Viral Hepatitis untype                      | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Congenital Rubella Syndrome                       | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Enteroviruses Infection with Severe Complications | 0        | 0    | 2            | 0              | 4            | 0              |
|                      | Haemophilus Influenza type b Infection            | 0        | 0    | 2            | 0              | 5            | 0              |
|                      | Japanese Encephalitis                             | 1        | 0    | 1            | 0              | 1            | 0              |
|                      | Legionellosis                                     | 4        | 1    | 55           | 7              | 43           | 0              |
|                      | Mumps   | 19       | 7    | 279          | 2              | 219          | 3              |
|                      | Neonatal Tetanus                                  | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Pertussis   | 0        | 0    | 11           | 0              | 6            | 0              |
|                      | Tetanus   | 0        | 0    | 3            | 0              | 3            | 0              |
| Category IV          | Botulism  | 0        | 0    | 0            | 0              | 1            | 0              |
|                      | Brucellosis                                       | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Complicated Influenza                             | 35       | 3    | 285          | 3              | 1830         | 2              |
|                      | Complicated Varicella                             | 0        | 0    | 9            | 1              | 15           | 0              |
|                      | Endemic Typhus Fever                              | 0        | 0    | 10           | 1              | 4            | 0              |
|                      | Herpesvirus B Infection                           | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Invasive Pneumococcal Disease                     | 1        | 11   | 225          | 2              | 308          | 0              |
|                      | Leptospirosis                                     | 2        | 1    | 26           | 0              | 20           | 2              |
|                      | Lyme Disease                                      | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Melioidosis                                       | 0        | 0    | 8            | 0              | 5            | 0              |
|                      | Q Fever   | 0        | 3    | 4            | 0              | 18           | 3              |
|                      | Scrub Typhus                                      | 7        | 27   | 118          | 0              | 131          | 1              |
|                      | Toxoplasmosis                                     | 0        | 0    | 6            | 0              | 5            | 0              |
| Tularemia            | 0   | 0        | 0    | 0            | 0              | 0            |                |
| Category V           | Ebola Virus Disease                               | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Marburg Hemorrhagic Fever                         | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Novel Influenza A Virus Infections                | 0        | 0    | 1            | 1              | 0            | 0              |
|                      | Lassa Fever                                       | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Rift Valley Fever                                 | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Middle East Respiratory Syndrome Coronavirus      | 0        | 0    | 0            | 0              | 0            | 0              |
|                      | Yellow Fever                                      | 0        | 0    | 0            | 0              | 0            | 0              |
| Zika Virus Infection | 0   | 0        | 1    | 1            | 2              | 2            |                |

- ★The weekly and cumulative total numbers include indigenous and imported cases of notifiable infectious diseases.
- The following 8 chronic diseases are excluded from the table: MDR-TB, Tuberculosis, Syphilis, Gonorrhea, HIV Infection, AIDS, Hansen Disease and Creutzfeldt-Jakob Disease.
- Numbers of mumps and tetanus cases are summed up by the week of report.
- Since 2016/1/22, "Zika Virus Infection" was listed as a Notifiable Infectious Disease.



## Suspected Clusters

- Forty-four clusters were reported, including 6 tuberculosis clusters, 15 diarrhea clusters, 13 upper respiratory tract infection clusters, 8 influenza-like illness clusters and 2 varicella clusters.

## Imported Infectious Diseases

- 11 confirmed cases were imported from 6 countries during Week 21 of 2017.

| Disease           | Country   |          |       |       |         |             | Total |
|-------------------|-----------|----------|-------|-------|---------|-------------|-------|
|                   | Indonesia | Malaysia | China | Palau | Myanmar | Philippines |       |
| Amoebiasis        | 3         |          |       |       |         | 1           | 4     |
| DF                |           |          |       | 1     |         |             | 1     |
| Typhoid fever     |           | 1        |       |       | 1       |             | 2     |
| Hepatitis C       |           |          | 1     |       |         |             | 1     |
| Legionellosis     |           |          | 1     |       |         |             | 1     |
| Shigellosis       | 1         |          |       |       |         |             | 1     |
| Paratyphoid Fever | 1         |          |       |       |         |             | 1     |
| Total             | 5         | 1        | 2     | 1     | 1       | 1           | 11    |

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

- A total of 274 confirmed cases were imported from 19 countries in 2017.
- Top 3 imported diseases : Dengue fever (91), Amoebiasis (80), Shigellosis (33).
- Top 3 countries responsible for most imported cases : Indonesia (115), Philippines (29), Vietnam (25), Malaysia (25).

## Summary of Epidemic

- Influenza** : Mild influenza activity in the community is expected to continue to persist. The number of severe cases may increase.
- Scrub Typhus** : The scrub typhus epidemic season has begun. The affected areas primarily include Hualien County and Taitung County.
- Enterovirus** : Currently, mild enterovirus activity has been increasing continuously. EV71 is still circulating in the community.
- Dengue Fever** : International epidemics are increasing gradually. As the temperature has increased and the rain has continued to occur, the risk of imported and indigenous epidemic are elevated.

