



## Disease Surveillance Express

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

| Confirmation year-week                      |   | Week 44★ |        | Week 1-44    |                |              |                |
|---|---|----------|--------|--------------|----------------|--------------|----------------|
| Classification                              | Disease   | 2024     | 2023   | 2024         |                | 2023         |                |
|   |   |          |        | 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                                 | Cholera   | 0        | 0      | 0            | 0              | 1            | 0              |
|   | Typhoid fever   | 0        | 0      | 7            | 4              | 8            | 6              |
|   | Paratyphoid Fever                                       | 0        | 3      | 3            | 1              | 16           | 1              |
|   | Epidemic Typhus Fever                                   | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Shigellosis   | 0        | 3      | 67           | 17             | 58           | 12             |
|   | Amoebiasis  | 2        | 6      | 276          | 134            | 232          | 108            |
|   | Enterohemorrhagic E.coli Infection                      | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Anthrax   | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Diphtheria  | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Meningococcal Meningitis                                | 0        | 1      | 4            | 0              | 4            | 0              |
|   | Poliomyelitis   | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Acute Flaccid Paralysis                                 | 1        | 1      | 41           | 0              | 51           | 0              |
|   | Measles   | 0        | 0      | 12           | 7              | 2            | 2              |
|   | Rubella   | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Dengue Fever  | 4        | 1,591  | 528          | 237            | 21,820       | 218            |
|   | West Nile Fever   | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Acute Viral Hepatitis type A                            | 0        | 0      | 101          | 23             | 75           | 5              |
|   | Malaria   | 0        | 0      | 8            | 8              | 1            | 1              |
| Chikungunya Fever                           | 3   | 0        | 16     | 16           | 8              | 8            |                |
| Hantavirus syndrome                         | 0   | 0        | 3      | 0            | 6              | 0            |                |
| Zika virus infection                        | 0   | 0        | 1      | 1            | 3              | 3            |                |
| Mpox  | 2   | 1        | 81     | 7            | 351            | 13           |                |
| Category III                                | Acute Viral Hepatitis type B                            | 2        | 5      | 98           | 4              | 118          | 6              |
|   | Acute Viral Hepatitis type C                            | 9        | 10     | 362          | 5              | 440          | 1              |
|   | Acute Viral Hepatitis type D                            | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Acute Viral Hepatitis type E                            | 0        | 0      | 7            | 2              | 12           | 5              |
|   | Acute Viral Hepatitis, untyped                          | 1        | 0      | 9            | 0              | 9            | 2              |
|   | Congenital Syphilis                                     | 0        | 0      | 4            | 0              | 2            | 0              |
|   | Congenital Rubella Syndrome                             | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Enteroviruses Infection with Severe Complications       | 0        | 0      | 5            | 0              | 13           | 0              |
|   | Haemophilus Influenza type b Infection                  | 0        | 0      | 2            | 0              | 1            | 0              |
|   | Japanese Encephalitis                                   | 0        | 0      | 25           | 0              | 24           | 0              |
|   | Legionnaires' Disease                                   | 20       | 7      | 971          | 27             | 331          | 10             |
|   | Mumps   | 9        | 8      | 336          | 13             | 247          | 8              |
|   | Neonatal Tetanus  | 0        | 0      | 0            | 0              | 0            | 0              |
| Pertussis                                   | 0   | 0        | 27     | 1            | 0              | 0            |                |
| Tetanus                                     | 0   | 0        | 8      | 0            | 5              | 0            |                |
| Category IV                                 | Botulism  | 0        | 0      | 1            | 0              | 0            | 0              |
|   | Brucellosis   | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Complicated Varicella                                   | 0        | 1      | 28           | 1              | 39           | 0              |
|   | Endemic Typhus Fever                                    | 0        | 0      | 13           | 1              | 23           | 0              |
|   | Herpesvirus B Infection                                 | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Influenza Case with Severe Complications                | 27       | 22     | 1,685        | 25             | 897          | 12             |
|   | Invasive Pneumococcal Disease                           | 8        | 6      | 256          | 0              | 234          | 1              |
|   | Leptospirosis   | 5        | 4      | 67           | 2              | 67           | 0              |
|   | Listeriosis   | 0        | 3      | 123          | 3              | 165          | 2              |
|   | Lyme Disease  | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Melioidosis   | 2        | 1      | 105          | 3              | 20           | 2              |
|   | Q Fever   | 0        | 0      | 3            | 2              | 3            | 0              |
|   | Scrub Typhus  | 5        | 7      | 207          | 3              | 175          | 0              |
|   | Toxoplasmosis   | 0        | 0      | 12           | 0              | 23           | 2              |
|   | Tularemia   | 0        | 0      | 0            | 0              | 0            | 0              |
| Severe Fever with Thrombocytopenia Syndrome | 0   | 0        | 0      | 0            | 0              | 0            |                |
| Severe Complicated COVID-19                 | 18  | -        | 310    | 2            | -              | -            |                |
| Severe Pneumonia with Novel Pathogens       | -   | 248      | 15,956 | 62           | 1,394,259      | 18,139       |                |
| Category V                                  | Ebola Virus Disease                                     | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Lassa Fever   | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Marburg Hemorrhagic Fever                               | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Middle East Respiratory Syndrome Coronavirus Infections | 0        | 0      | 0            | 0              | 0            | 0              |
|   | Novel Influenza A Virus Infections                      | 0        | 0      | 0            | 0              | 1            | 0              |
|   | Rift Valley Fever                                       | 0        | 0      | 0            | 0              | 0            | 0              |
| Yellow Fever                                | 0   | 0        | 0      | 0            | 0              | 0            |                |

- ★The weekly and cumulative total numbers include indigenous and imported cases of notifiable infectious diseases.
- MDR-TB, Tuberculosis, Syphilis, Gonorrhoea, HIV Infection, AIDS, Hansen's Disease and Creutzfeldt-Jakob Disease are excluded from the table.
- Numbers of Mumps and Tetanus are based on reported cases and summed up by week of report.
- Since September 1, 2024, "Severe Pneumonia with Novel Pathogens" was revised to "Severe Complicated COVID-19", along with an updated case definition.



## Suspected Clusters

Forty-two clusters related to Diarrhea (20), Upper respiratory tract infection (17), Enterovirus (3), and Varicella (2) were reported during week 44.

## Imported Infectious Diseases

- There were 9 imported cases from 6 countries / areas during week 44.

( "Other" indicates that the origins of the infection may be in specific areas, undetermined due to a lack of evidence, or still being investigated, etc.)

**Chikungunya Fever** : 3 cases from the Philippines (2) and Indonesia (1).

**Dengue Fever** : 3 cases from China (1), the Philippines (1), and Vietnam (1).

**Acute Viral Hepatitis type C** : 1 case from Thailand.

**Legionnaires' Disease** : 1 case from United Arab Emirates.

**Amoebiasis** : 1 case from Indonesia.

- During week 1-44, there were 611 imported cases of notifiable diseases. The top three were Dengue Fever(237), Amoebiasis(134), and Severe Pneumonia with Novel Pathogens(62).
- During week 1-44, imported cases of notifiable diseases were from 39 countries/areas. The top three were Indonesia(219), the Philippines(56), and China(55).

## Summary of Epidemic

- **Enterovirus infection:** The epidemic is increasing and above the epidemic threshold.
- **Dengue Fever:** The number of local cluster cases continues to occur in New Taipei City. Recent rainfall and favorable temperatures have created ideal conditions for vector mosquito growth, raising the vector mosquito indices and sustaining the risk of community disease transmission in the community.

