



Disease Surveillance Express

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

| Classification | Case diagnosis week Disease Diagnosed ¹ | Week 12 | | Week 1–12 | |
|------------------------------------|---|----------|------|-----------|------|
| | | 2016 | 2015 | 2016 | 2015 |
| 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 | 1 | 8 | 4 |
| | Acute Viral Hepatitis type A | 22 | 5 | 128 | 23 |
| | Amoebiasis | 6 | 11 | 58 | 93 |
| | Anthrax | 0 | 0 | 0 | 0 |
| | Chikungunya Fever | 0 | 0 | 2 | 1 |
| | Cholera | 0 | 0 | 0 | 0 |
| | Dengue Fever | 4 | 5 | 498 | 172 |
| | 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 | 0 |
| | Malaria | 0 | 0 | 3 | 3 |
| | Measles | 1 | 1 | 1 | 1 |
| | Meningococcal Meningitis | 1 | 0 | 2 | 1 |
| | Paratyphoid Fever | 0 | 0 | 0 | 3 |
| | Poliomyelitis | 0 | 0 | 0 | 0 |
| | Rubella | 0 | 0 | 3 | 2 |
| | Shigellosis | 7 | 5 | 46 | 61 |
| | Typhoid fever | 0 | 0 | 1 | 9 |
| West Nile Fever | 0 | 0 | 0 | 0 | |
| Category III | Acute Viral Hepatitis type B | 1 | 2 | 20 | 26 |
| | Acute Viral Hepatitis type C ⁴ | 3 | 4 | 37 | 46 |
| | Acute Viral Hepatitis type D | 0 | 0 | 1 | 1 |
| | Acute Viral Hepatitis type E | 0 | 0 | 4 | 1 |
| | Acute Viral Hepatitis untype | 0 | 0 | 0 | 0 |
| | Congenital Rubella Syndrome | 0 | 0 | 0 | 0 |
| | Enteroviruses Infection with Severe Complications | 0 | 0 | 1 | 1 |
| | Haemophilus Influenza type b Infection | 0 | 0 | 2 | 1 |
| | Japanese Encephalitis | 0 | 0 | 0 | 0 |
| | Legionellosis | 1 | 1 | 26 | 42 |
| | Mumps ² | 12 | 20 | 121 | 164 |
| | Neonatal Tetanus | 0 | 0 | 0 | 0 |
| | Pertussis | 0 | 6 | 2 | 40 |
| | Tetanus ² | 1 | 0 | 2 | 1 |
| | Category IV | Botulism | 0 | 0 | 1 |
| Brucellosis | | 0 | 0 | 0 | 0 |
| Complicated Influenza | | 91 | 40 | 1678 | 213 |
| Complicated Varicella ³ | | 0 | 0 | 10 | 18 |
| Endemic Typhus Fever | | 0 | 0 | 3 | 0 |
| Herpesvirus B Infection | | 0 | 0 | 0 | 0 |
| Invasive Pneumococcal Disease | | 12 | 11 | 205 | 177 |
| Leptospirosis | | 0 | 0 | 11 | 16 |
| Lyme Disease | | 0 | 0 | 0 | 0 |
| Melioidosis | | 0 | 1 | 2 | 8 |
| Q Fever | | 1 | 0 | 7 | 6 |
| Scrub Typhus | | 0 | 0 | 69 | 91 |
| Toxoplasmosis | 1 | 0 | 3 | 0 | |
| 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 ⁵ | 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 |
| Zika Virus Infection | 0 | 0 | 1 | 0 | |

1. The following 8 chronic diseases are excluded from the table: MDR-TB, Tuberculosis, Syphilis, Gonorrhoea, HIV Infection, AIDS, Hansen Disease and Creutzfeldt-Jakob Disease.

2. Reported cases.

3. Since 2014/1/1, "Varicella" was modified to "Complicated Varicella".

4. 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".

5. 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

- Twenty-five clusters were reported, including 14 diarrhea clusters, 4 upper respiratory tract infection clusters, 3 varicella clusters, 2 tuberculosis clusters, and 2 influenza-like illness clusters.

Imported Infectious Diseases

- 13 confirmed cases were imported from 4 countries during Week 12 of 2016.

| Country Disease | Indonesia | China | Thailand | Philippines | Total |
|--------------------|-----------|-------|----------|-------------|-------|
| Dengue Fever | 3 | | 1 | 1 | 5 |
| Hepatitis A | 1 | 1 | 2 | | 4 |
| Amoebiasis | 2 | | | | 2 |
| Measles | | 1 | | | 1 |
| Shigellosis | 1 | | | | 1 |
| Total | 7 | 2 | 3 | 1 | 13 |

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

- A total of 140 confirmed cases were imported from 18 countries in 2016.
- Top 3 imported diseases : Dengue fever (67), Amoebiasis (25), Shigellosis (16).
- Top 3 countries responsible for most imported cases : Indonesia (57), Philippines (17), Vietnam (14).

Summary of Epidemic

- **Influenza** : During Week 12, 83 cases of severe complicated influenza were confirmed, and 49 deaths were reported. The numbers of visits to outpatient services and ER for influenza-like illness and the number of severe cases reported have decreased gradually. Influenza virus type B (approximately 70%) is currently the dominant strains circulating in the community. Thus far, none of the viruses identified has shown drug resistance.
- **Dengue Fever** : The number of imported cases was higher than that during the same period in the past year, increasing the risk of a local dengue outbreak. The public is urged to clean up and remove any vector breeding sites. Doctors are advised to stay vigilant for suspected cases to ensure timely case reporting.
- **Zika Virus Infection** : The global epidemic of Zika virus infection has continued to increase. Thus far, at least 61 countries and/or territories worldwide, have reported local outbreaks of Zika virus



infection, mainly in 33 countries and/or territories in Latin America and the Caribbean region. In Asia, Thailand, Maldives and the Philippines have reported local outbreaks of Zika virus infection. Taiwan CDC has issued a travel notice of Level 2: Alert for Zika virus for countries and/or territories in Latin America, Caribbean region and Asia.

- **Measles** : The epidemic in Mongolia has increased significantly than that during the same period last year. Taiwan CDC has issued a travel notice of Level 1: Watch for measles for Mongolia.

