



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 1 | | Week 1-1 | |
|------------------------------------|---|----------|------|----------|------|
| | | 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 | 0 | 0 | 0 | 0 |
| | Acute Viral Hepatitis type A | 13 | 2 | 13 | 2 |
| | Amoebiasis | 7 | 6 | 7 | 6 |
| | Anthrax | 0 | 0 | 0 | 0 |
| | Chikungunya Fever | 0 | 1 | 0 | 1 |
| | Cholera | 0 | 0 | 0 | 0 |
| | Dengue Fever | 6 | 203 | 6 | 203 |
| | 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 | 0 | 0 |
| | Malaria | 0 | 0 | 0 | 0 |
| | Measles | 0 | 0 | 0 | 0 |
| | Meningococcal Meningitis | 0 | 0 | 0 | 0 |
| | Paratyphoid Fever | 1 | 0 | 1 | 0 |
| | Poliomyelitis | 0 | 0 | 0 | 0 |
| | Rubella | 0 | 0 | 0 | 0 |
| | Shigellosis | 6 | 2 | 6 | 2 |
| | Typhoid fever | 0 | 0 | 0 | 0 |
| West Nile Fever | 0 | 0 | 0 | 0 | |
| Category III | Acute Viral Hepatitis type B | 5 | 2 | 5 | 2 |
| | Acute Viral Hepatitis type C ⁴ | 5 | 4 | 5 | 4 |
| | Acute Viral Hepatitis type D | 0 | 0 | 0 | 0 |
| | Acute Viral Hepatitis type E | 1 | 2 | 1 | 2 |
| | Acute Viral Hepatitis untype | 0 | 0 | 0 | 0 |
| | Congenital Rubella Syndrome | 0 | 0 | 0 | 0 |
| | Enteroviruses Infection with Severe Complications | 0 | 1 | 0 | 1 |
| | Haemophilus Influenza type b Infection | 0 | 0 | 0 | 0 |
| | Japanese Encephalitis | 0 | 0 | 0 | 0 |
| | Legionellosis | 1 | 0 | 1 | 0 |
| | Mumps ² | 9 | 18 | 9 | 18 |
| | Neonatal Tetanus | 0 | 0 | 0 | 0 |
| | Pertussis | 0 | 1 | 0 | 1 |
| | Tetanus ² | 0 | 0 | 0 | 0 |
| | Category IV | Botulism | 0 | 0 | 0 |
| Brucellosis | | 0 | 0 | 0 | 0 |
| Complicated Influenza | | 14 | 16 | 14 | 16 |
| Complicated Varicella ³ | | 0 | 0 | 0 | 0 |
| Endemic Typhus Fever | | 0 | 1 | 0 | 1 |
| Herpesvirus B Infection | | 0 | 0 | 0 | 0 |
| Invasive Pneumococcal Disease | | 10 | 19 | 10 | 19 |
| Leptospirosis | | 3 | 1 | 3 | 1 |
| Lyme Disease | | 0 | 0 | 0 | 0 |
| Melioidosis | | 0 | 0 | 0 | 0 |
| Q Fever | | 0 | 0 | 0 | 0 |
| Scrub Typhus | | 6 | 12 | 6 | 12 |
| Toxoplasmosis | | 0 | 0 | 0 | 0 |
| 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 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 ⁶ | 0 | 0 | 0 | 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.

6. Since 2016/1/22, "Zika Virus Infection" was listed as a Notifiable Infectious Disease.



Suspected Clusters

- Twenty-one clusters were reported, including 12 diarrhea clusters, 3 influenza-like illness clusters, 3 tuberculosis clusters, 2 upper respiratory tract infection clusters, and 1 varicella cluster.

Imported Infectious Diseases

- 24 confirmed cases were imported from 9 countries during Week 1 of 2017.

| Country Disease | Indonesia | Vietnam | Philippines | India | Australia | Cambodia | China | Thailand | Malaysia | Total |
|----------------------|-----------|---------|-------------|-------|-----------|----------|-------|----------|----------|-------|
| Amoebiasis | 7 | | | 1 | 1 | | | | | 9 |
| Dengue Fever | 1 | 2 | 1 | | | | | 1 | 1 | 6 |
| Typhoid fever | 2 | | | | | | | | | 2 |
| Shigellosis | 2 | | | | | | | | | 2 |
| Hepatitis B | | 2 | | | | | | | | 2 |
| Hepatitis A | | | | | | | 1 | | | 1 |
| Paratyphoid Fever | | | | | | 1 | | | | 1 |
| Chikungunya Fever | 1 | | | | | | | | | 1 |
| Total | 13 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 24 |

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

- A total of 13 confirmed cases were imported from 7 countries in 2017.
- Top 3 imported diseases : Dengue fever (3), Amoebiasis (3), Shigellosis (1).
- Top 3 countries responsible for most imported cases : Indonesia (5), Vietnam (3), Philippines (1).

Summary of Epidemic

- **Influenza** : Since the northeast monsoon has become prevalent, the recent temperature has dropped and fluctuated drastically from day to night. As a result, influenza activity is expected to gradually increase. H3N2 is currently the dominant strain circulating in the community.
- **Diarrhea** : As the viral gastroenteritis season is upon us, the epidemic is expected to gradually increase.
- **Enterovirus** : The epidemic has slowed down in the community. The number of visits to outpatient services and ER for enterovirus infection is expected to lower than the epidemic threshold this week.



Coxsackie A virus is currently the dominant strain circulating in the community. Sporadic cases of enterovirus 71 infection have been recently confirmed.

- **Zika Virus Infection** : As the epidemic in affected areas has continued to increase, the risk of importing Zika virus into Taiwan from those countries remains elevated.

