



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 43		Week 1—43		
		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	2	6	35	19	
	Acute Viral Hepatitis type A	24	5	935	115	
	Amoebiasis	7	6	265	306	
	Anthrax	0	0	0	0	
	Chikungunya Fever	0	0	8	4	
	Cholera	0	0	10	10	
	Dengue Fever	12	2142	747	29726	
	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	3	2	
	Malaria	0	0	13	8	
	Measles	0	0	13	29	
	Meningococcal Meningitis	0	0	6	3	
	Paratyphoid Fever	0	1	5	5	
	Poliomyelitis	0	0	0	0	
	Rubella	0	0	4	6	
	Shigellosis	8	5	184	155	
	Typhoid fever	1	0	7	24	
West Nile Fever	0	0	0	0		
Category III	Acute Viral Hepatitis type B	2	1	89	104	
	Acute Viral Hepatitis type C ⁴	3	4	172	175	
	Acute Viral Hepatitis type D	0	0	1	1	
	Acute Viral Hepatitis type E	0	0	15	2	
	Acute Viral Hepatitis untype	0	0	0	1	
	Congenital Rubella Syndrome	0	0	0	0	
	Enteroviruses Infection with Severe Complications	2	0	27	5	
	Haemophilus Influenza type b Infection	0	0	14	2	
	Japanese Encephalitis	0	0	23	29	
	Legionellosis	5	2	91	148	
	Mumps ²	20	19	519	657	
	Neonatal Tetanus	0	0	0	0	
	Pertussis	0	2	17	82	
	Tetanus ²	0	0	10	9	
	Category IV	Botulism	0	0	5	2
		Brucellosis	0	0	0	2
Complicated Influenza		17	1	1907	806	
Complicated Varicella ³		4	2	35	45	
Endemic Typhus Fever		0	0	13	30	
Herpesvirus B Infection		0	0	0	0	
Invasive Pneumococcal Disease		8	8	475	430	
Leptospirosis		6	2	100	76	
Lyme Disease		0	0	2	2	
Melioidosis		1	1	37	33	
Q Fever		1	1	41	40	
Scrub Typhus		10	21	391	371	
Toxoplasmosis		0	1	8	11	
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	13	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

- Nineteen clusters were reported, including 6 diarrhea clusters, 5 upper respiratory tract infection clusters, 5 influenza-like illness clusters, and 3 varicella clusters.

Imported Infectious Diseases

- 18 confirmed cases were imported from 6 countries during Week 43 of 2016.

Disease \ Country	Country						Total
	Indonesia	Philippines	Vietnam	Gambia	Sierra Leone	China	
Dengue Fever	3	3	3			1	10
Amoebiasis	3						3
Malaria				1	1		2
Shigellosis	2						2
Hepatitis A		1					1
Total	8	4	3	1	1	1	18

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

- A total of 672 confirmed cases were imported from 37 countries in 2016.
- Top 3 imported diseases : Dengue fever (307), Amoebiasis (131), Shigellosis (84).
- Top 3 countries responsible for most imported cases : Indonesia (283), Philippines (80), Thailand (63).

Summary of Epidemic

- **Dengue Fever** : Although dengue activity has decreased in some countries in Southeast Asia, it has remained at its peak in Southeast Asia. Imported cases have continued to be reported. The recent occurrence of rain has become less frequent, but mosquito activity remains high. The public is urged to clean up and remove any vector breeding sites and take prevention measures against mosquito bites.
- **Zika Virus Infection** : The epidemic has continuously increased in Southeast Asian countries, elevating the risk of importing Zika virus into Taiwan from these countries. New cases imported from Southeast Asian country have been confirmed.
- **Scrub Typhus** : Sporadic cases have been confirmed, and the epidemic activity has slowed down gradually.



- **Enterovirus** : New cases have been recently reported in the community. Coxsackie A virus is currently the dominant strain circulating in the community. Sporadic cases of enterovirus 71 infection have been recently confirmed. This year, a total of 151 cases of enterovirus 71 infection, including 21 severe cases, 129 mild cases and 1 suspected severe cases, have been confirmed. The public is urged to enhance personal hygiene and stay vigilant for suspicious symptoms of enterovirus infection with severe complications in infants.

- **Influenza** : Due to the recent low temperature, influenza activity has increased. H3N2 is currently the dominant strain circulating in the community.

