



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 46		Week 1—46		
		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	0	0	36	19	
	Acute Viral Hepatitis type A	24	9	1007	132	
	Amoebiasis	8	7	282	318	
	Anthrax	0	0	0	0	
	Chikungunya Fever	0	0	9	4	
	Cholera	0	0	11	10	
	Dengue Fever	9	2853	768	36914	
	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	14	9	
	Measles	0	0	13	29	
	Meningococcal Meningitis	0	0	6	3	
	Paratyphoid Fever	0	1	5	6	
	Poliomyelitis	0	0	0	0	
	Rubella	0	0	4	6	
	Shigellosis	4	2	196	164	
	Typhoid fever	0	1	7	27	
West Nile Fever	0	0	0	0		
Category III	Acute Viral Hepatitis type B	2	0	97	108	
	Acute Viral Hepatitis type C ⁴	2	5	176	192	
	Acute Viral Hepatitis type D	0	0	1	2	
	Acute Viral Hepatitis type E	0	2	15	4	
	Acute Viral Hepatitis untype	0	1	0	2	
	Congenital Rubella Syndrome	0	0	0	0	
	Enteroviruses Infection with Severe Complications	3	0	30	5	
	Haemophilus Influenza type b Infection	0	0	14	2	
	Japanese Encephalitis	0	0	23	30	
	Legionellosis	6	1	103	153	
	Mumps ²	13	9	554	693	
	Neonatal Tetanus	0	0	0	0	
	Pertussis	0	1	18	84	
	Tetanus ²	0	0	10	10	
	Category IV	Botulism	0	0	5	2
		Brucellosis	0	0	0	2
Complicated Influenza		24	5	1979	816	
Complicated Varicella ³		0	0	37	47	
Endemic Typhus Fever		0	1	13	31	
Herpesvirus B Infection		0	0	0	0	
Invasive Pneumococcal Disease		13	6	515	456	
Leptospirosis		6	0	113	78	
Lyme Disease		0	0	2	2	
Melioidosis		0	2	43	37	
Q Fever		0	2	42	43	
Scrub Typhus		15	20	441	434	
Toxoplasmosis		0	0	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

- Twenty-six clusters were reported, including 12 diarrhea clusters, 6 upper respiratory tract infection clusters, 5 tuberculosis clusters, and 3 influenza-like illness clusters.

Imported Infectious Diseases

- 18 confirmed cases were imported from 7 countries during Week 46 of 2016.

Country Disease	Indonesia	Myanmar	Philippines	Vietnam	Malaysia	Laos	Korea	Total
Dengue Fever	3	2	2	2	1			10
Amoebiasis	3						1	4
Shigellosis	3							3
Hepatitis A						1		1
Total	9	2	2	2	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 720 confirmed cases were imported from 37 countries in 2016.
- Top 3 imported diseases : Dengue fever (328), Amoebiasis (144), Shigellosis (89).
- Top 3 countries responsible for most imported cases : Indonesia (304), Philippines (87), Thailand (66).

Summary of Epidemic

- **Influenza** : Since the northeast monsoon has become prevalent, the recent temperature has dropped. As a result, influenza activity is expected to gradually increase. H3N2 is currently the dominant strain circulating in the community.
- **Enterovirus** : The epidemic has slowed down. 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 163 cases of enterovirus 71 infection, including 23 severe cases and 140 mild 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.
- **Dengue Fever** : Imported cases have continued to be reported. As the recent temperature in southern Taiwan ranges between 25°C and 30°C, the 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.

