



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 50		Week 1 – 50	
		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	0	39	19
	Acute Viral Hepatitis type A	13	6	1091	151
	Amoebiasis	5	7	303	347
	Anthrax	0	0	0	0
	Chikungunya Fever	1	0	11	4
	Cholera	0	0	9	10
	Dengue Fever	4	700	792	42884
	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	8	3
	Paratyphoid Fever	0	0	5	6
	Poliomyelitis	0	0	0	0
	Rubella	0	0	4	6
	Shigellosis	4	7	212	182
	Typhoid fever	2	2	11	29
West Nile Fever	0	0	0	0	
Category III	Acute Viral Hepatitis type B	3	7	109	119
	Acute Viral Hepatitis type C ⁴	6	3	195	211
	Acute Viral Hepatitis type D	0	0	1	2
	Acute Viral Hepatitis type E	0	0	16	6
	Acute Viral Hepatitis untype	0	0	0	2
	Congenital Rubella Syndrome	0	0	0	0
	Enteroviruses Infection with Severe Complications	1	0	31	5
	Haemophilus Influenza type b Infection	0	1	14	3
	Japanese Encephalitis	0	0	23	30
	Legionellosis	1	0	114	160
	Mumps ²	11	13	588	749
	Neonatal Tetanus	0	0	0	0
	Pertussis	0	0	18	87
	Tetanus ²	1	0	14	11
	Category IV	Botulism	1	0	6
Brucellosis		0	0	0	2
Complicated Influenza		15	6	2060	833
Complicated Varicella ³		0	1	42	48
Endemic Typhus Fever		0	0	14	33
Herpesvirus B Infection		0	0	0	0
Invasive Pneumococcal Disease		11	6	559	494
Leptospirosis		1	1	118	85
Lyme Disease		0	0	2	2
Melioidosis		1	1	50	38
Q Fever		0	0	43	44
Scrub Typhus		9	11	491	503
Toxoplasmosis	0	0	10	13	
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-two clusters were reported, including 12 diarrhea clusters, 3 varicella clusters, 3 upper respiratory tract infection clusters, 2 influenza-like illness clusters, and 2 tuberculosis clusters.

Imported Infectious Diseases

- 9 confirmed cases were imported from 4 countries during Week 50 of 2016.

Country Disease	Indonesia	Japan	Vietnam	Philippines	Total
Dengue Fever	3			1	4
Amoebiasis	1		1		2
Typhoid fever		1			1
Chikungunya Fever	1				1
Shigellosis	1				1
Total	6	1	1	1	9

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

- A total of 770 confirmed cases were imported from 38 countries in 2016.
- Top 3 imported diseases : Dengue fever (349), Amoebiasis (155), Shigellosis (99).
- Top 3 countries responsible for most imported cases : Indonesia (324), Philippines (94), Thailand (67).

Summary of Epidemic

- **Influenza** : As the recent temperature has fluctuated drastically from day to night, influenza activity is expected to gradually increase. H3N2 is currently the dominant strain circulating in the community.
- **Enterovirus** : The epidemic has increased continuously 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. Thus far this year, a total of 168 cases of enterovirus 71 infection, including 23 severe cases and 144 mild cases, and 1 suspected severe cases, have been confirmed.
- **Dengue Fever** : Imported cases have continued to be reported. The recent temperature in southern Taiwan has contributed to the continuing mosquito activity.



- **Zika Virus Infection** : New cases of Zika virus infection have been confirmed in Texas, United States. The epidemic has continuously increased in Southeast Asian countries, elevating the risk of importing Zika virus into Taiwan from these countries.

