



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 51		Week 1–51		
		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	0	40	19	
	Acute Viral Hepatitis type A	16	13	1107	164	
	Amoebiasis	5	8	308	355	
	Anthrax	0	0	0	0	
	Chikungunya Fever	1	0	12	4	
	Cholera	0	0	9	10	
	Dengue Fever	5	560	797	43444	
	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	1	0	14	29	
	Meningococcal Meningitis	0	0	8	3	
	Paratyphoid Fever	0	0	5	6	
	Poliomyelitis	0	0	0	0	
	Rubella	0	0	4	6	
	Shigellosis	3	3	215	185	
	Typhoid fever	2	0	13	29	
West Nile Fever	0	0	0	0		
Category III	Acute Viral Hepatitis type B	4	4	113	123	
	Acute Viral Hepatitis type C ⁴	8	5	203	216	
	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	32	5	
	Haemophilus Influenza type b Infection	0	0	14	3	
	Japanese Encephalitis	0	0	23	30	
	Legionellosis	1	4	115	164	
	Mumps ²	10	11	598	760	
	Neonatal Tetanus	0	0	0	0	
	Pertussis	0	0	18	87	
	Tetanus ²	0	0	14	11	
	Category IV	Botulism	0	0	6	2
		Brucellosis	0	0	0	2
Complicated Influenza		10	7	2070	840	
Complicated Varicella ³		0	0	42	48	
Endemic Typhus Fever		1	0	15	33	
Herpesvirus B Infection		0	0	0	0	
Invasive Pneumococcal Disease		17	15	576	509	
Leptospirosis		2	2	120	87	
Lyme Disease		0	0	2	2	
Melioidosis		1	1	51	39	
Q Fever		0	0	43	44	
Scrub Typhus		5	13	496	516	
Toxoplasmosis		1	0	11	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-four clusters were reported, including 10 diarrhea clusters, 5 tuberculosis clusters, 3 varicella clusters, 3 upper respiratory tract infection clusters, 3 influenza-like illness clusters.

Imported Infectious Diseases

- 14 confirmed cases were imported from 7 countries during Week 51 of 2016.

Disease \ Country	Indonesia	Philippines	Myanmar	India	Maldives	France	Malaysia	Total
Amoebiasis	3	1						4
Dengue Fever		1	1		1		1	4
Typhoid fever	1	1						2
Measles				1				1
Chikungunya Fever	1							1
Hepatitis A						1		1
Shigellosis	1							1
Total	6	3	1	1	1	1	1	14

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

- A total of 784 confirmed cases were imported from 39 countries in 2016.
- Top 3 imported diseases : Dengue fever (353), Amoebiasis (159), Shigellosis (100).
- Top 3 countries responsible for most imported cases : Indonesia (330), Philippines (97), Thailand (67).

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 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 145 mild cases, have been confirmed.
- **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.

