



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 44		Week 1–44		
		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	35	19	
	Acute Viral Hepatitis type A	24	5	959	120	
	Amoebiasis	4	2	269	308	
	Anthrax	0	0	0	0	
	Chikungunya Fever	0	0	8	4	
	Cholera	0	0	10	10	
	Dengue Fever	10	2188	757	31914	
	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	1	13	9	
	Measles	0	0	13	29	
	Meningococcal Meningitis	0	0	6	3	
	Paratyphoid Fever	0	0	5	5	
	Poliomyelitis	0	0	0	0	
	Rubella	0	0	4	6	
	Shigellosis	5	4	189	159	
	Typhoid fever	0	1	7	25	
West Nile Fever	0	0	0	0		
Category III	Acute Viral Hepatitis type B	2	2	91	106	
	Acute Viral Hepatitis type C ⁴	0	2	172	177	
	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	0	0	27	5	
	Haemophilus Influenza type b Infection	0	0	14	2	
	Japanese Encephalitis	0	0	23	29	
	Legionellosis	3	2	94	150	
	Mumps ²	12	15	531	672	
	Neonatal Tetanus	0	0	0	0	
	Pertussis	0	0	17	82	
	Tetanus ²	0	1	10	10	
	Category IV	Botulism	0	0	5	2
		Brucellosis	0	0	0	2
Complicated Influenza		20	2	1927	808	
Complicated Varicella ³		2	1	37	46	
Endemic Typhus Fever		0	0	13	30	
Herpesvirus B Infection		0	0	0	0	
Invasive Pneumococcal Disease		16	10	491	440	
Leptospirosis		4	1	104	77	
Lyme Disease		0	0	2	2	
Melioidosis		2	2	39	35	
Q Fever		0	0	41	40	
Scrub Typhus		14	17	405	388	
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-three clusters were reported, including 9 diarrhea clusters, 5 upper respiratory tract infection clusters, 4 varicella clusters, 3 tuberculosis clusters, and 2 influenza-like illness clusters.

Imported Infectious Diseases

- 21 confirmed cases were imported from 8 countries during Week 44 of 2016.

Country Disease	Indonesia	Philippines	China	India	Vietnam	Myanmar	Cambodia	Thailand	Total
Dengue Fever	3	3			1	1	1		9
Amoebiasis	4			1					5
Legionellosis			2						2
Hepatitis A	1							1	2
Shigellosis	1								1
Chikungunya Fever				1					1
Scrub Typhus			1						1
Total	9	3	3	2	1	1	1	1	21

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

- A total of 693 confirmed cases were imported from 37 countries in 2016.
- Top 3 imported diseases : Dengue fever (316), Amoebiasis (136), Shigellosis (85).
- Top 3 countries responsible for most imported cases : Indonesia (292), Philippines (83), Thailand (64).

Summary of Epidemic

- **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 157 cases of enterovirus 71 infection, including 21 severe cases, 134 mild cases and 2 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.
- **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.

