



Disease Surveillance Express

Numbers of New Cases and Cumulative Cases of Notifiable Infectious Diseases (by week of diagnosis)

Case diagnosis week		Week 47		Week 1—47		
Classification	Disease Diagnosed ¹	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	23	3	1030	135	
	Amoebiasis	4	8	286	326	
	Anthrax	0	0	0	0	
	Chikungunya Fever	0	0	9	4	
	Cholera	0	0	9	10	
	Dengue Fever	7	2330	775	39244	
	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	1	0	7	3	
	Paratyphoid Fever	0	0	5	6	
	Poliomyelitis	0	0	0	0	
	Rubella	0	0	4	6	
	Shigellosis	6	4	202	168	
	Typhoid fever	0	0	7	27	
West Nile Fever	0	0	0	0		
Category III	Acute Viral Hepatitis type B	3	2	100	110	
	Acute Viral Hepatitis type C ⁴	4	4	180	196	
	Acute Viral Hepatitis type D	0	0	1	2	
	Acute Viral Hepatitis type E	0	0	15	4	
	Acute Viral Hepatitis untype	0	0	0	2	
	Congenital Rubella Syndrome	0	0	0	0	
	Enteroviruses Infection with Severe Complications	0	0	30	5	
	Haemophilus Influenza type b Infection	0	0	14	2	
	Japanese Encephalitis	0	0	23	30	
	Legionellosis	2	3	105	156	
	Mumps ²	9	20	563	713	
	Neonatal Tetanus	0	0	0	0	
	Pertussis	0	1	18	85	
	Tetanus ²	0	0	10	10	
	Category IV	Botulism	0	0	5	2
		Brucellosis	0	0	0	2
Complicated Influenza		21	4	2000	820	
Complicated Varicella ³		0	0	37	47	
Endemic Typhus Fever		1	1	14	32	
Herpesvirus B Infection		0	0	0	0	
Invasive Pneumococcal Disease		14	9	529	465	
Leptospirosis		2	2	115	80	
Lyme Disease		0	0	2	2	
Melioidosis		2	0	45	37	
Q Fever		1	0	43	43	
Scrub Typhus		11	16	452	450	
Toxoplasmosis		2	0	10	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-seven clusters were reported, including 17 diarrhea clusters, 4 upper respiratory tract infection clusters, 3 varicella clusters, 2 tuberculosis clusters, and 1 fever of unknown origin cluster.

Imported Infectious Diseases

- 12 confirmed cases were imported from 5 countries during Week 47 of 2016.

Disease \ Country	Vietnam	Philippines	Indonesia	China	Myanmar	Total
Dengue Fever	3	1			1	5
Shigellosis	2		1			3
Amoebiasis	1	1	1			3
Scrub Typhus				1		1
Total	6	2	2	1	1	12

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

- A total of 731 confirmed cases were imported from 37 countries in 2016.
- Top 3 imported diseases : Dengue fever (333), Amoebiasis (147), Shigellosis (92).
- Top 3 countries responsible for most imported cases : Indonesia (306), Philippines (89), 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 occurred 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 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. The recent temperature in southern Taiwan has contributed to the continuing mosquito activity. A cluster of dengue cases has been recently confirmed in Taipei City. 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.

