

week 1–2 (Jan. 1–Jan. 14, 2017)

DOI: 10.6525/TEB.20170124.33(2).003

Weekly Data of Notifiable Infectious Diseases (by week of diagnosis)

Classification	Disease Diagnosed ¹	Week 1		Week 1–1	
		2017	2016	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	0	0
	Acute Viral Hepatitis type A	13	2	13	2
	Amoebiasis	7	6	7	6
	Anthrax	0	0	0	0
	Chikungunya Fever	0	1	0	1
	Cholera	0	0	0	0
	Dengue Fever	6	203	6	203
	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	0	0
	Malaria	0	0	0	0
	Measles	0	0	0	0
	Meningococcal Meningitis	0	0	0	0
	Paratyphoid Fever	1	0	1	0
	Poliomyelitis	0	0	0	0
	Rubella	0	0	0	0
	Shigellosis	6	2	6	2
	Typhoid fever	0	0	0	0
West Nile Fever	0	0	0	0	
Category III	Acute Viral Hepatitis type B	5	2	5	2
	Acute Viral Hepatitis type C ⁵	5	4	5	4
	Acute Viral Hepatitis type D	0	0	0	0
	Acute Viral Hepatitis type E	1	2	1	2
	Acute Viral Hepatitis untype	0	0	0	0
	Congenital Rubella Syndrome	0	0	0	0
	Enteroviruses Infection with Severe Complications	0	1	0	1
	Haemophilus Influenza type b Infection	0	0	0	0
	Japanese Encephalitis	0	0	0	0
	Legionellosis	1	0	1	0
	Mumps ²	9	18	9	18
	Neonatal Tetanus	0	0	0	0
	Pertussis	0	1	0	1
	Tetanus ²	0	0	0	0
	Category IV	Botulism	0	0	0
Brucellosis		0	0	0	0
Complicated Influenza		14	16	14	16
Complicated Varicella ⁴		0	0	0	0
Endemic Typhus Fever		0	1	0	1
Herpesvirus B Infection		0	0	0	0
Invasive Pneumococcal Disease		10	19	10	19
Leptospirosis		3	1	3	1
Lyme Disease		0	0	0	0
Melioidosis		0	0	0	0
Q Fever		0	0	0	0
Scrub Typhus		6	12	6	12
Toxoplasmosis		0	0	0	0
Tularremia	0	0	0	0	
Category V	Ebola Virus Disease	0	0	0	0
	Ebola-Marburg Hemorrhagic Fever	0	0	0	0
	Novel Influenza A Virus Infections ⁶	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

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-one clusters were reported, including 12 diarrhea clusters, 3 influenza-like illness clusters, 3 tuberculosis clusters, 2 upper respiratory tract infection clusters, and 1 varicella cluster.

Imported Infectious Diseases

- 24 confirmed cases were imported from 9 countries during Week 1 of 2017.

Country Disease	Indonesia	Vietnam	Philippines	India	Australia	Cambodia	China	Thailand	Malaysia	Total
Amoebiasis	7			1	1					9
Dengue Fever	1	2	1					1	1	6
Typhoid fever	2									2
Shigellosis	2									2
Hepatitis B		2								2
Hepatitis A							1			1
Paratyphoid Fever						1				1
Chikungunya Fever	1									1
Total	13	4	1	1	1	1	1	1	1	24

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

- A total of 13 confirmed cases were imported from 7 countries in 2017.
- Top 3 imported diseases : Dengue fever (3), Amoebiasis (3), Shigellosis (1).
- Top 3 countries responsible for most imported cases : Indonesia (5), Vietnam (3), Philippines (1).

Summary of Epidemic

- **Influenza** : Since the northeast monsoon has become prevalent, the recent temperature has dropped and fluctuated drastically from day to night. As a result, influenza activity is expected to gradually increase. H3N2 is currently the dominant strain circulating in the community.
- **Diarrhea** : As the viral gastroenteritis season is upon us, the epidemic is expected to gradually increase.
- **Enterovirus** : The epidemic has slowed down in the community. The number of visits to outpatient services and ER for enterovirus infection is expected to lower than the epidemic threshold this week. Coxsackie A virus is currently the dominant strain circulating in the community. Sporadic cases of enterovirus 71 infection have been recently confirmed.
- **Zika Virus Infection** : As the epidemic in affected areas has continued to increase, the risk of importing Zika virus into Taiwan from those countries remains elevated.

Weekly Data of Notifiable Infectious Diseases (by week of diagnosis)

Case diagnosis week		Week 2		Week 1–2	
Classification	Disease Diagnosed ¹	2017	2016	2017	2016
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	1	0	1
	Acute Viral Hepatitis type A	14	7	27	9
	Amoebiasis	10	4	17	10
	Anthrax	0	0	0	0
	Chikungunya Fever	0	0	0	1
	Cholera	0	0	0	0
	Dengue Fever	7	118	13	321
	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	1	0	1	0
	Malaria	0	2	0	2
	Measles	0	0	0	0
	Meningococcal Meningitis	0	0	0	0
	Paratyphoid Fever	0	0	1	0
	Poliomyelitis	0	0	0	0
	Rubella	0	0	0	0
	Shigellosis	6	4	12	6
Typhoid fever	1	0	1	0	
West Nile Fever	0	0	0	0	
Category III	Acute Viral Hepatitis type B	7	1	12	3
	Acute Viral Hepatitis type C ⁵	3	3	8	7
	Acute Viral Hepatitis type D	1	0	1	0
	Acute Viral Hepatitis type E	0	1	1	3
	Acute Viral Hepatitis untype	0	0	0	0
	Congenital Rubella Syndrome	0	0	0	0
	Enteroviruses Infection with Severe Complications	0	0	0	1
	Haemophilus Influenza type b Infection	0	0	0	0
	Japanese Encephalitis	0	0	0	0
	Legionellosis	2	2	3	2
	Mumps ²	16	12	25	30
	Neonatal Tetanus	0	0	0	0
	Pertussis	0	0	0	1
	Tetanus ²	1	0	1	0
Category IV	Botulism	0	0	0	0
	Brucellosis	0	0	0	0
	Complicated Influenza	13	23	27	39
	Complicated Varicella ⁴	0	0	0	0
	Endemic Typhus Fever	0	1	0	2
	Herpesvirus B Infection	0	0	0	0
	Invasive Pneumococcal Disease	13	6	23	25
	Leptospirosis	4	0	7	1
	Lyme Disease	0	0	0	0
	Melioidosis	0	0	0	0
	Q Fever	1	0	1	0
	Scrub Typhus	8	12	14	24
	Toxoplasmosis	0	0	0	0
Tularremia	0	0	0	0	
Category V	Ebola Virus Disease	0	0	0	0
	Ebola-Marburg Hemorrhagic Fever	0	0	0	0
	Novel Influenza A Virus Infections ⁶	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	

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 13 diarrhea clusters, 6 upper respiratory tract infection clusters, 4 tuberculosis clusters, 3 varicella clusters, and 1 influenza-like illness cluster.

Imported Infectious Diseases

- 22 confirmed cases were imported from 5 countries during Week 2 of 2017.

Country Disease	Indonesia	Philippines	Thailand	Vietnam	Malaysia	Total
Shigellosis	11					11
Dengue Fever		2	3	1	1	7
Amoebiasis	3	1				4
Total	14	3	3	1	1	22

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

- A total of 28 confirmed cases were imported from 7 countries in 2017.
- Top 3 imported diseases : Dengue fever (9), Amoebiasis (7), Shigellosis (5).
- Top 3 countries responsible for most imported cases : Indonesia (12), Vietnam (4), Philippines (4).

Summary of Epidemic

- **Diarrhea** : As the viral gastroenteritis season is upon us, the epidemic is expected to gradually increase.
- **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. The number of visits to outpatient services and ER for enterovirus infection is expected to dip lower than the epidemic threshold this week. Coxsackie A virus is currently the dominant strain circulating in the community. Sporadic cases of enterovirus 71 infection have been recently confirmed.
- **Zika Virus Infection** : As the epidemic in affected areas has continued to increase, the risk of importing Zika virus into Taiwan from those countries remains elevated.

The Taiwan Epidemiology Bulletin series of publications is published by Centers for Disease Control, Ministry of Health and Welfare, Taiwan (R.O.C.) since Dec 15, 1984.

Publisher: Jih-Haw Chou

Editor-in-Chief: Yung-Ching Lin

Executive Editor: Hsueh-Ju Chen, Hsin-Lun Lee, Hsiu-Lan Liu

Address: No.6, Linsen S. Rd., Jhongjheng District, Taipei City 10050, Taiwan (R.O.C.)

Telephone No: (02) 2395-9825

Website: <http://www.cdc.gov.tw/>

Suggested Citation:

[Author].[Article title].Taiwan Epidemiol Bull 2017;33:[inclusive page numbers].[DOI]