



## Disease Surveillance Express

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

Classification	Case diagnosis week Disease Diagnosed <sup>1</sup>	Week 20		Week 1–20	
		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	13	7
	Acute Viral Hepatitis type A	24	3	300	31
	Amoebiasis	7	10	98	143
	Anthrax	0	0	0	0
	Chikungunya Fever	0	0	4	3
	Cholera	0	0	0	4
	Dengue Fever	7	8	544	218
	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	0
	Malaria	0	0	5	4
	Measles	0	3	4	6
	Meningococcal Meningitis	0	1	2	2
	Paratyphoid Fever	0	0	0	3
	Poliomyelitis	0	0	0	0
	Rubella	0	0	4	6
	Shigellosis	2	2	86	79
	Typhoid fever	0	0	2	13
West Nile Fever	0	0	0	0	
Category III	Acute Viral Hepatitis type B	5	2	37	45
	Acute Viral Hepatitis type C <sup>4</sup>	1	6	76	88
	Acute Viral Hepatitis type D	0	0	1	1
	Acute Viral Hepatitis type E	1	0	8	1
	Acute Viral Hepatitis untype	0	0	0	0
	Congenital Rubella Syndrome	0	0	0	0
	Enteroviruses Infection with Severe Complications	0	0	4	1
	Haemophilus Influenza type b Infection	0	0	5	1
	Japanese Encephalitis	0	0	1	0
	Legionellosis	3	2	42	60
	Mumps <sup>2</sup>	15	16	212	299
	Neonatal Tetanus	0	0	0	0
	Pertussis	0	0	6	48
	Tetanus <sup>2</sup>	0	1	3	3
	Category IV	Botulism	0	0	1
Brucellosis		0	0	0	0
Complicated Influenza		3	36	1827	427
Complicated Varicella <sup>3</sup>		0	1	15	24
Endemic Typhus Fever		1	3	4	6
Herpesvirus B Infection		0	0	0	0
Invasive Pneumococcal Disease		5	9	297	255
Leptospirosis		3	1	19	23
Lyme Disease		0	0	0	0
Melioidosis		0	0	5	11
Q Fever		2	1	15	15
Scrub Typhus		14	7	104	114
Toxoplasmosis		0	2	5	5
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 <sup>5</sup>	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	1	0	2	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.



## Suspected Clusters

- Fifteen clusters were reported, including 5 diarrhea clusters, 5 upper respiratory tract infection clusters, 4 tuberculosis clusters, and 1 influenza-like illness cluster.

## Imported Infectious Diseases

- 14 confirmed cases were imported from 5 countries during Week 20 of 2016.

Country Disease	Indonesia	Vietnam	Thailand	Japan	China	Total
Dengue Fever	4	2				6
Amoebiasis	2				1	3
Shigellosis	2					2
Hepatitis A				1		1
Zika virus infection			1			1
Leptospirosis	1					1
Total	9	2	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 250 confirmed cases were imported from 23 countries in 2016.
- Top 3 imported diseases : Dengue fever (108), Amoebiasis (43), Shigellosis (39).
- Top 3 countries responsible for most imported cases : Indonesia (117), Philippines (19), Malaysia (19).

## Summary of Epidemic

- **Enterovirus** : The enterovirus activity has increased continuously. During Week 20, the number of visits to outpatient services and ER for enterovirus infection was higher than that during Week 19. Coxsackie A virus is currently the dominant strain circulating in the community. This year, a total of 34 cases of enterovirus 71 infection, including 3 severe cases, 27 mild cases and 4 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.
- **Dengue Fever** : Imported cases have continuously been reported. The recent average temperature in southern Taiwan is over 32°C with intermittent rain, which favors mosquito growth. The public is urged to clean up and remove any vector breeding sites and take prevention measures against mosquito bites.



- **Zika Virus Infection** : One imported case has been confirmed during Week 20. The global epidemic of Zika virus infection has continued to increase. Thus far, at least 60 countries and/or territories worldwide, have reported local outbreaks of Zika virus infection, including 39 countries and/or territories in Latin America and the Caribbean region, 10 countries and/or territories in Oceania, 4 countries in Asia, and 1 country in Africa. Taiwan CDC has issued a travel notice of Level 2: Alert for Zika virus for the aforementioned 54 countries and territories.

