

week 20–21 (May. 15–May. 28, 2016) DOI: 10.6525/TEB.20160607.32(11).003

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

Classification	Case diagnosis week Disease Diagnosed ¹	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 ⁵	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 ²	15	16	212	299
	Neonatal Tetanus	0	0	0	0
	Pertussis	0	0	6	48
	Tetanus ²	0	1	3	3
	Category IV	Botulism	0	0	1
Brucellosis		0	0	0	0
Complicated Influenza		3	36	1827	427
Complicated Varicella ⁴		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
	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.

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.

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

Case diagnosis week		Week 21		Week 1—21	
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	13	7
	Acute Viral Hepatitis type A	29	4	329	35
	Amoebiasis	6	6	104	149
	Anthrax	0	0	0	0
	Chikungunya Fever	0	0	4	3
	Cholera	0	0	0	4
	Dengue Fever	5	7	548	225
	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	7	4	13
	Meningococcal Meningitis	0	0	2	2
	Paratyphoid Fever	0	0	0	3
	Poliomyelitis	0	0	0	0
	Rubella	0	0	4	6
	Shigellosis	4	1	90	80
Typhoid fever	0	1	2	14	
West Nile Fever	0	0	0	0	
Category III	Acute Viral Hepatitis type B	3	5	40	50
	Acute Viral Hepatitis type C ⁵	10	6	86	94
	Acute Viral Hepatitis type D	0	0	1	1
	Acute Viral Hepatitis type E	0	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	1	2	43	62
	Mumps ²	7	14	219	313
	Neonatal Tetanus	0	0	0	0
	Pertussis	0	1	6	49
	Tetanus ²	0	1	3	4
Category IV	Botulism	0	0	1	1
	Brucellosis	0	0	0	0
	Complicated Influenza	3	27	1830	454
	Complicated Varicella ⁴	0	2	15	26
	Endemic Typhus Fever	0	1	4	7
	Herpesvirus B Infection	0	0	0	0
	Invasive Pneumococcal Disease	11	10	308	265
	Leptospirosis	1	0	20	23
	Lyme Disease	0	0	0	0
	Melioidosis	0	0	5	11
	Q Fever	3	0	18	15
	Scrub Typhus	27	6	131	120
	Toxoplasmosis	0	0	5	5
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, Gonorrhea, HIV Infection, AIDS, Hansen Disease and Creutzfeldt-Jakob Disease.
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Suspected Clusters

- Thirteen clusters were reported, including 5 diarrhea clusters, 3 tuberculosis clusters, 2 varicella clusters, 1 enterovirus infection cluster, 1 upper respiratory tract infection cluster, and 1 influenza-like illness cluster.

Imported Infectious Diseases

- 17 confirmed cases were imported from 6 countries during Week 21 of 2016.

Disease \ Country	Indonesia	Thailand	Singapore	Malaysia	China	Japan	Total
Dengue Fever	2	1	1	1			5
Amoebiasis	4						4
Hepatitis A		2			1	1	4
Shigellosis	2	1					3
Scrub Typhus		1					1
Total	8	5	1	1	1	1	17

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

- A total of 267 confirmed cases were imported from 23 countries in 2016.
- Top 3 imported diseases : Dengue fever (113), Amoebiasis (47), Shigellosis (42).
- Top 3 countries responsible for most imported cases : Indonesia (125), Thailand (24), Malaysia (20).

Summary of Epidemic

- Enterovirus**: The enterovirus activity has increased slowly and the peak of enterovirus season is fast approaching. Coxsackie A virus is currently the dominant strain circulating in the community. Sporadic cases of enterovirus 71 infection have been confirmed recently. This year, a total of 45 cases of enterovirus 71 infection, including 3 severe cases, 37 mild cases and 5 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 continued to be reported. The recent high temperatures and the continuous occurrence of intermittent rain have promoted mosquito growth, elevating the risk of dengue transmission. The public is urged to clean up and remove any vector breeding sites and take prevention measures against mosquito bites.

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