

week 18–19 (May. 1–May. 14, 2016) DOI: 10.6525/TEB.20160524.32(10).003

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

Classification	Case diagnosis week Disease Diagnosed ¹	Week 18		Week 1–18		
		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	1	13	7	
	Acute Viral Hepatitis type A	26	1	239	27	
	Amoebiasis	5	5	88	123	
	Anthrax	0	0	0	0	
	Chikungunya Fever	0	0	4	3	
	Cholera	0	3	0	3	
	Dengue Fever	5	6	533	202	
	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	1	1	5	4	
	Measles	1	1	3	2	
	Meningococcal Meningitis	0	0	2	1	
	Paratyphoid Fever	0	0	0	3	
	Poliomyelitis	0	0	0	0	
	Rubella	0	1	4	5	
	Shigellosis	3	3	79	73	
	Typhoid fever	1	0	2	12	
	West Nile Fever	0	0	0	0	
Category III	Acute Viral Hepatitis type B	2	3	31	41	
	Acute Viral Hepatitis type C ⁵	4	8	67	79	
	Acute Viral Hepatitis type D	0	0	1	1	
	Acute Viral Hepatitis type E	1	0	7	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	1	0	4	1	
	Japanese Encephalitis	0	0	0	0	
	Legionellosis	3	3	37	56	
	Mumps ²	13	19	186	272	
	Neonatal Tetanus	0	0	0	0	
	Pertussis	0	2	6	48	
	Tetanus ²	0	1	3	2	
	Category IV	Botulism	0	0	1	1
		Brucellosis	0	0	0	0
Complicated Influenza		6	26	1817	372	
Complicated Varicella ⁴		0	2	15	23	
Endemic Typhus Fever		0	1	3	2	
Herpesvirus B Infection		0	0	0	0	
Invasive Pneumococcal Disease		13	13	281	240	
Leptospirosis		0	0	14	19	
Lyme Disease		0	0	0	0	
Melioidosis		0	0	5	11	
Q Fever		2	0	13	14	
Scrub Typhus		5	2	79	104	
Toxoplasmosis		0	0	5	3	
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

- Fourteen clusters were reported, including 6 diarrhea clusters, 4 tuberculosis clusters, 2 varicella clusters, 1 upper respiratory tract infection cluster, and 1 influenza-like illness cluster.

Imported Infectious Diseases

- 11 confirmed cases were imported from 6 countries during Week 18 of 2016.

Country Disease	Indonesia	Thailand	Malaysia	Hong Kong	Japan	India	Total
Dengue Fever	2	2	2				6
Hepatitis A		1		1	1		3
Typhoid fever						1	1
Amoebiasis	1						1
Total	3	3	2	1	1	1	11

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

- A total of 219 confirmed cases were imported from 22 countries in 2016.
- Top 3 imported diseases : Dengue fever (98), Amoebiasis (36), Shigellosis (34).
- Top 3 countries responsible for most imported cases : Indonesia (101), Philippines (19), Malaysia (18).

Summary of Epidemic

- **Enterovirus** : As the enterovirus epidemic season has begun, the enterovirus activity is expected to increase continuously. Coxsackie A virus is currently the dominant strain circulating in the community. This year, a total of 24 cases of enterovirus 71 infection, including 3 severe cases, 19 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.
- **Dengue Fever** : Imported cases have continuously been reported. The recent average temperature in southern Taiwan is over 28-29°C, 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** : The global epidemic of Zika virus infection has continued to increase. Thus far, at least 57 countries and/or territories worldwide, have reported local outbreaks of Zika virus infection, mainly in 37 countries and/or territories in Latin America and the Caribbean region.

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

Classification	Case diagnosis week Disease Diagnosed ¹	Week 19		Week 1—19	
		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	37	1	276	28
	Amoebiasis	3	10	91	133
	Anthrax	0	0	0	0
	Chikungunya Fever	0	0	4	3
	Cholera	0	1	0	4
	Dengue Fever	4	8	537	210
	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	1	1	4	3
	Meningococcal Meningitis	0	0	2	1
	Paratyphoid Fever	0	0	0	3
	Poliomyelitis	0	0	0	0
	Rubella	0	1	4	6
	Shigellosis	5	4	84	77
	Typhoid fever	0	1	2	13
West Nile Fever	0	0	0	0	
Category III	Acute Viral Hepatitis type B	1	2	32	43
	Acute Viral Hepatitis type C ⁵	8	3	75	82
	Acute Viral Hepatitis type D	0	0	1	1
	Acute Viral Hepatitis type E	0	0	7	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	1	0	5	1
	Japanese Encephalitis	1	0	1	0
	Legionellosis	2	2	39	58
	Mumps ²	11	11	197	283
	Neonatal Tetanus	0	0	0	0
	Pertussis	0	0	6	48
	Tetanus ²	0	0	3	2
Category IV	Botulism	0	0	1	1
	Brucellosis	0	0	0	0
	Complicated Influenza	7	19	1824	391
	Complicated Varicella ⁴	0	0	15	23
	Endemic Typhus Fever	0	1	3	3
	Herpesvirus B Infection	0	0	0	0
	Invasive Pneumococcal Disease	11	6	292	246
	Leptospirosis	2	3	16	22
	Lyme Disease	0	0	0	0
	Melioidosis	0	0	5	11
	Q Fever	0	0	13	14
	Scrub Typhus	11	3	90	107
	Toxoplasmosis	0	0	5	3
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

- Twelve clusters were reported, including 7 diarrhea clusters, 3 tuberculosis clusters, 1 influenza-like illness cluster, and 1 enterovirus cluster.

Imported Infectious Diseases

- 17 confirmed cases were imported from 8 countries during Week 19 of 2016.

Country Disease	Indonesia	Thailand	India	Korea	Vietnam	China	Hong Kong	Malaysia	Total
Hepatitis A		3		1		1			5
Amoebiasis	3				1				4
Dengue Fever	3							1	4
Shigellosis	1		2						3
Measles							1		1
Total	7	3	2	1	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 236 confirmed cases were imported from 23 countries in 2016.
- Top 3 imported diseases : Dengue fever (102), Amoebiasis (40), Shigellosis (37).
- Top 3 countries responsible for most imported cases : Indonesia (108), Philippines (19), Malaysia (18).

Summary of Epidemic

- **Enterovirus** : As the enterovirus epidemic season has begun, the enterovirus activity is expected to increase continuously. Coxsackie A virus is currently the dominant strain circulating in the community. This year, a total of 31 cases of enterovirus 71 infection, including 3 severe cases, 25 mild cases and 3 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 28°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.

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