



# 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 29		Week 1–29		
		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	2	0	20	10	
	Acute Viral Hepatitis type A	38	5	613	52	
	Amoebiasis	9	7	164	205	
	Anthrax	0	0	0	0	
	Chikungunya Fever	0	0	7	4	
	Cholera	3	0	3	4	
	Dengue Fever	6	80	594	442	
	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	1	3	1	
	Malaria	0	1	6	7	
	Measles	0	0	6	27	
	Meningococcal Meningitis	0	0	2	2	
	Paratyphoid Fever	0	0	4	3	
	Poliomyelitis	0	0	0	0	
	Rubella	0	0	4	6	
	Shigellosis	2	4	117	101	
	Typhoid fever	1	2	3	19	
West Nile Fever	0	0	0	0		
Category III	Acute Viral Hepatitis type B	2	5	55	70	
	Acute Viral Hepatitis type C <sup>4</sup>	2	6	120	124	
	Acute Viral Hepatitis type D	0	0	1	1	
	Acute Viral Hepatitis type E	0	0	10	1	
	Acute Viral Hepatitis untype	0	0	0	1	
	Congenital Rubella Syndrome	0	0	0	0	
	Enteroviruses Infection with Severe Complications	1	0	14	4	
	Haemophilus Influenza type b Infection	3	0	10	1	
	Japanese Encephalitis	3	2	13	22	
	Legionellosis	1	7	60	104	
	Mumps <sup>2</sup>	12	19	328	447	
	Neonatal Tetanus	0	0	0	0	
	Pertussis	1	0	9	63	
	Tetanus <sup>2</sup>	1	0	7	6	
	Category IV	Botulism	1	0	4	2
		Brucellosis	0	0	0	0
Complicated Influenza		2	17	1846	724	
Complicated Varicella <sup>3</sup>		0	2	24	34	
Endemic Typhus Fever		1	2	11	18	
Herpesvirus B Infection		0	0	0	0	
Invasive Pneumococcal Disease		8	6	362	326	
Leptospirosis		3	2	38	35	
Lyme Disease		0	1	0	1	
Melioidosis		1	0	9	20	
Q Fever		2	0	28	25	
Scrub Typhus		12	25	266	220	
Toxoplasmosis		0	0	7	6	
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 <sup>6</sup>	0	0	3	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

- Seventeen clusters were reported, including 8 diarrhea clusters, 5 upper respiratory tract infection clusters, 3 tuberculosis clusters, and 1 varicella cluster.

## Imported Infectious Diseases

- 12 confirmed cases were imported from 7 countries during Week 29 of 2016.

Country Disease	Country							Total
	Indonesia	Malaysia	Vietnam	Philippines	USA	India	China	
Dengue Fever	1	3	1	1				6
Amoebiasis	2							2
Hepatitis A					1		1	2
Typhoid fever						1		1
Shigellosis	1							1
Total	4	3	1	1	1	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 384 confirmed cases were imported from 31 countries in 2016.
- Top 3 imported diseases : Dengue fever (158), Amoebiasis (71), Hepatitis A (55).
- Top 3 countries responsible for most imported cases : Indonesia (167), Thailand (42), Malaysia (31).

## Summary of Epidemic

- Enterovirus** : The epidemic activity has continued and is expected to decrease gradually during the summer vacation. Additionally, the peak of the epidemic activity is expected to be over by early August. 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 112 cases of enterovirus 71 infection, including 13 severe cases and 99 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** : The epidemic has increased gradually in Southeast Asian countries. Imported cases have continued to be reported. The new indigenous cases have been confirmed in Tainan City and Kaohsiung City. The recent high temperatures and occurrence of intermittent rain have still promoted mosquito growths and elevated 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.



- **Scrub Typhus** : The numbers of cases reported and confirmed have continued to increase. The peak of scrub typhus season is during the months of June to July. The endemic areas are primarily eastern and outlying islands of Taiwan.
  
- **Japanese Encephalitis** : The peak of Japanese encephalitis season is during the months of June to July. Although the endemic areas primarily include central and southern Taiwan and Hualien County, sporadic cases are expected to be reported in other cities and counties.

