



## Disease Surveillance Express

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

Classification	Disease Diagnosed <sup>1</sup>	Week 9		Week 1-9		
		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	1	0	7	3	
	Acute Viral Hepatitis type A	11	1	74	18	
	Amoebiasis	7	7	44	62	
	Anthrax	0	0	0	0	
	Chikungunya Fever	0	0	2	1	
	Cholera	0	0	0	0	
	Dengue Fever	6	5	489	147	
	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	3	2	
	Measles	0	0	0	0	
	Meningococcal Meningitis	0	1	1	1	
	Paratyphoid Fever	0	0	0	3	
	Poliomyelitis	0	0	0	0	
	Rubella	0	0	2	1	
	Shigellosis	5	7	29	50	
	Typhoid fever	0	2	1	6	
West Nile Fever	0	0	0	0		
Category III	Acute Viral Hepatitis type B	0	2	16	21	
	Acute Viral Hepatitis type C <sup>4</sup>	5	0	23	31	
	Acute Viral Hepatitis type D	0	0	1	0	
	Acute Viral Hepatitis type E	0	0	4	1	
	Acute Viral Hepatitis untype	0	0	0	0	
	Congenital Rubella Syndrome	0	0	0	0	
	Enteroviruses Infection with Severe Complications	0	0	1	1	
	Haemophilus Influenza type b Infection	0	0	1	1	
	Japanese Encephalitis	0	0	0	0	
	Legionellosis	0	2	22	38	
	Mumps <sup>2</sup>	7	12	87	109	
	Neonatal Tetanus	0	0	0	0	
	Pertussis	1	1	2	31	
	Tetanus <sup>2</sup>	0	0	1	1	
	Category IV	Botulism	0	0	0	1
		Brucellosis	0	0	0	0
Complicated Influenza		285	25	1208	129	
Complicated Varicella <sup>3</sup>		3	6	9	16	
Endemic Typhus Fever		0	0	3	0	
Herpesvirus B Infection		0	0	0	0	
Invasive Pneumococcal Disease		16	15	164	145	
Leptospirosis		1	1	7	15	
Lyme Disease		0	0	0	0	
Melioidosis		2	0	2	7	
Q Fever		0	1	6	6	
Scrub Typhus		2	2	69	87	
Toxoplasmosis		0	0	1	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 <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	0	0	1	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

- Thirty-two clusters were reported, including 15 diarrhea clusters, 7 upper respiratory tract infection clusters, 6 influenza-like illness clusters, and 4 tuberculosis clusters.

## Imported Infectious Diseases

- 18 confirmed cases were imported from 4 countries during Week 9 of 2016.

Disease \ Country	Indonesia	Malaysia	Singapore	Nepal	Total
Dengue Fever	3	2	1		6
Amoebiasis	6				6
Shigellosis	5				5
Hepatitis A				1	1
Total	14	2	1	1	18

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

- A total of 110 confirmed cases were imported from 17 countries in 2016.
- Top 3 imported diseases : Dengue fever (61), Amoebiasis (19), Shigellosis (9).
- Top 3 countries responsible for most imported cases : Indonesia (41), Philippines (15), Vietnam (12).

## Summary of Epidemic

- **Influenza** : Influenza activity has decreased gradually. During Week 9, the ER consultation rate for influenza infection has decreased. Since July 1, 2015, a cumulative total of 1,423 cases of severe complicated influenza have been confirmed. Among these cases, 121 died. Although H1N1 is currently the dominant strain circulating in the community, there has been an increase in the number of respiratory specimens tested positive for influenza virus type B. The increase could potentially lead to small-scale outbreak and slow the decrease in the number of mild cases reported, but will have limited effect on the number of severe cases and deaths. Thus far, none of the viruses identified has shown drug resistance.
- **Zika Virus Infection** : The global epidemic of Zika virus infection has continued to increase. Thus far, at least 43 countries and/or territories worldwide, have reported local outbreaks of Zika virus infection, mainly in 31 countries and/or territories in Latin America and the Caribbean region. In Asia, Thailand, Maldives and Philippines have reported local outbreaks of Zika virus infection. Taiwan CDC has issued a travel notice of Level 2: Alert for Zika virus for the aforementioned 43 countries and territories.

