

week 9–10(Feb. 28–Mar. 12, 2016)

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Weekly Data of Notifiable Infectious Diseases (by week of diagnosis)

Case diagnosis week		Week 9		Week 1–9	
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	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 ⁵	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 ²	7	12	87	109
	Neonatal Tetanus	0	0	0	0
	Pertussis	1	1	2	31
	Tetanus ²	0	0	1	1
Category IV	Botulism	0	0	0	1
	Brucellosis	0	0	0	0
	Complicated Influenza	285	25	1208	129
	Complicated Varicella ⁴	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 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

- 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	Country				Total
	Indonesia	Malaysia	Singapore	Nepal	
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.

Weekly Data of Notifiable Infectious Diseases (by week of diagnosis)

Case diagnosis week		Week 10		Week 1 – 10	
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	7	3
	Acute Viral Hepatitis type A	10	0	83	18
	Amoebiasis	4	8	48	70
	Anthrax	0	0	0	0
	Chikungunya Fever	0	0	2	1
	Cholera	0	0	0	0
	Dengue Fever	5	13	494	160
	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	1	0	1	0
	Malaria	0	0	3	2
	Measles	0	0	0	0
	Meningococcal Meningitis	0	0	1	1
	Paratyphoid Fever	0	0	0	3
	Poliomyelitis	0	0	0	0
	Rubella	1	0	3	1
Shigellosis	6	1	35	51	
Typhoid fever	0	1	1	7	
West Nile Fever	0	0	0	0	
Category III	Acute Viral Hepatitis type B	2	3	18	24
	Acute Viral Hepatitis type C ⁵	6	1	29	32
	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	2	2	24	40
	Mumps ²	13	15	100	124
	Neonatal Tetanus	0	0	0	0
	Pertussis	0	1	2	32
	Tetanus ²	0	0	1	1
Category IV	Botulism	1	0	1	1
	Brucellosis	0	0	0	0
	Complicated Influenza	271	26	1477	155
	Complicated Varicella ⁴	0	0	9	16
	Endemic Typhus Fever	0	0	3	0
	Herpesvirus B Infection	0	0	0	0
	Invasive Pneumococcal Disease	20	8	184	153
	Leptospirosis	2	0	9	15
	Lyme Disease	0	0	0	0
	Melioidosis	0	0	2	7
	Q Fever	0	0	6	6
	Scrub Typhus	0	1	69	88
	Toxoplasmosis	0	0	1	0
Tularemia	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.
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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-one clusters were reported, including 12 diarrhea clusters, 9 upper respiratory tract infection clusters, 5 varicella clusters, 4 influenza-like illness clusters, and 1 tuberculosis cluster.

Imported Infectious Diseases

- 8 confirmed cases were imported from 4 countries during Week 10 of 2016.

Disease \ Country	Indonesia	Philippines	Vietnam	Malaysia	Total
	Dengue Fever	1	1	1	1
Amoebiasis	2				2
Shigellosis	2				2
Total	5	1	1	1	8

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

- A total of 118 confirmed cases were imported from 17 countries in 2016.
- Top 3 imported diseases : Dengue fever (65), Amoebiasis (21), Shigellosis (11).
- Top 3 countries responsible for most imported cases : Indonesia (46), Philippines (16), Vietnam (13).

Summary of Epidemic

- **Influenza** : Influenza activity has decreased gradually. The numbers of severe cases and influenza-like illness reported have decreased, indicating the peak has passed. Since July 1, 2015, a cumulative total of 1,663 cases of severe complicated influenza have been confirmed. Among these cases, 163 died. H1N1 and influenza virus type B are currently the dominant strains circulating in the community. Thus far, none of the viruses identified has shown drug resistance.
- **Enterovirus** : Cases of enterovirus 71 infection have been detected recently. An enterovirus 71 outbreak is expected to occur this year.
- **Dengue Fever** : The number of imported cases was higher than that during the same period in the past year, increasing the risk of dengue importation.
- **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 the 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 and a travel notice of Level 1: Watch for Zika virus for Laos along with 4 other countries, including Cambodia, Indonesia, Malaysia and Gabon in Africa.

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