

**week 10–11(Mar. 5–Mar. 18, 2017)**

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

Case diagnosis week		Week10		Week 1 – 10	
Classification	Disease Diagnosed <sup>1</sup>	2017	2016	2017	2016
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	6	7
	Acute Viral Hepatitis type A	8	10	144	83
	Amoebiasis	10	4	66	48
	Anthrax	0	0	0	0
	Chikungunya Fever	0	0	2	2
	Cholera	0	0	0	0
	Dengue Fever	3	4	59	493
	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	1	1
	Malaria	0	0	0	3
	Measles	0	0	1	0
	Meningococcal Meningitis	1	0	2	1
	Paratyphoid Fever	0	0	3	0
	Poliomyelitis	0	0	0	0
	Rubella	0	1	0	3
	Shigellosis	7	6	43	35
	Typhoid fever	0	0	4	1
West Nile Fever	0	0	0	0	
Category III	Acute Viral Hepatitis type B	3	2	34	18
	Acute Viral Hepatitis type C <sup>5</sup>	7	6	47	29
	Acute Viral Hepatitis type D	0	0	1	1
	Acute Viral Hepatitis type E	0	0	5	4
	Acute Viral Hepatitis untype	0	0	0	0
	Congenital Rubella Syndrome	0	0	0	0
	Enteroviruses Infection with Severe Complications	0	0	0	1
	Haemophilus Influenza type b Infection	0	0	1	1
	Japanese Encephalitis	0	0	0	0
	Legionellosis	2	2	17	24
	Mumps <sup>2</sup>	11	13	117	100
	Neonatal Tetanus	0	0	0	0
	Pertussis	0	0	2	2
	Tetanus <sup>2</sup>	0	0	2	1
	Category IV	Botulism	0	1	0
Brucellosis		0	0	0	0
Complicated Influenza		8	271	114	1477
Complicated Varicella <sup>4</sup>		3	0	5	9
Endemic Typhus Fever		0	0	0	3
Herpesvirus B Infection		0	0	0	0
Invasive Pneumococcal Disease		9	20	125	184
Leptospirosis		1	2	16	9
Lyme Disease		0	0	0	0
Melioidosis		1	0	6	2
Q Fever		1	0	3	6
Scrub Typhus		8	0	79	69
Toxoplasmosis		1	0	2	1
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>6</sup>	0	0	1	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.
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

- Forty-nine clusters were reported, including 4 tuberculosis clusters, 41 diarrhea clusters, 1 upper respiratory tract infection cluster, 1 influenza-like illness cluster, 1 fever of unknown origin cluster and 1 varicella cluster.

## Imported Infectious Diseases

- 13 confirmed cases were imported from 6 countries during Week 10 of 2017.

Country Disease	Indonesia	Japan	Philippines	Vietnam	Maldives	China	Total
Amoebiasis	3		1	1			5
Shigellosis	3						3
DF					2		2
Legionellosis						1	1
Complicated Varicella				1			1
IPD		1					1
<b>Total</b>	6	1	1	2	2	1	13

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

- A total of 140 confirmed cases were imported from 16 countries in 2017.
- Top 3 imported diseases : Dengue fever (59), Amoebiasis (37), Shigellosis (14).
- Top 3 countries responsible for most imported cases : Indonesia (56), Vietnam (19), Malaysia (14).

## Summary of Epidemic

- **Diarrhea** : As the viral gastroenteritis season is upon us, the risk of clustered cases remains.
- **Influenza** : As spring approaches, influenza activity is expected to decrease gradually. H3N2 is currently the dominant strain circulating in the community.
- **Scrub Typhus** : The number of cases reported and confirmed are expected to increase. The affected areas primarily include Hualien County and Taitung County.
- **Zika Virus Infection** : As the epidemic in affected areas has continued to persist, the risk of importing Zika virus into Taiwan from those countries remains.

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

Case diagnosis week		Week11		Week 1—11	
Classification	Disease Diagnosed <sup>1</sup>	2017	2016	2017	2016
<b>Category I</b>	Plague	0	0	0	0
	Rabies	0	0	0	0
	SARS	0	0	0	0
	Smallpox	0	0	0	0
<b>Category II</b>	Acute Flaccid Paralysis	1	0	7	7
	Acute Viral Hepatitis type A	16	23	160	106
	Amoebiasis	7	4	73	52
	Anthrax	0	0	0	0
	Chikungunya Fever	0	0	2	2
	Cholera	0	0	0	0
	Dengue Fever	2	1	61	494
	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	1	1
	Malaria	0	0	0	3
	Measles	1	0	2	0
	Meningococcal Meningitis	0	0	2	1
	Paratyphoid Fever	0	0	3	0
	Poliomyelitis	0	0	0	0
	Rubella	0	0	0	3
	Shigellosis	1	4	44	39
	Typhoid fever	1	0	5	1
West Nile Fever	0	0	0	0	
<b>Category III</b>	Acute Viral Hepatitis type B	2	1	36	19
	Acute Viral Hepatitis type C <sup>5</sup>	3	5	50	34
	Acute Viral Hepatitis type D	0	0	1	1
	Acute Viral Hepatitis type E	0	0	5	4
	Acute Viral Hepatitis untype	0	0	0	0
	Congenital Rubella Syndrome	0	0	0	0
	Enteroviruses Infection with Severe Complications	1	0	1	1
	Haemophilus Influenza type b Infection	0	1	1	2
	Japanese Encephalitis	0	0	0	0
	Legionellosis	4	1	21	25
	Mumps <sup>2</sup>	13	9	130	109
	Neonatal Tetanus	0	0	0	0
	Pertussis	1	0	3	2
	Tetanus <sup>2</sup>	0	0	2	1
	<b>Category IV</b>	Botulism	0	0	0
Brucellosis		0	0	0	0
Complicated Influenza		12	110	126	1587
Complicated Varicella <sup>4</sup>		0	1	5	10
Endemic Typhus Fever		2	0	2	3
Herpesvirus B Infection		0	0	0	0
Invasive Pneumococcal Disease		10	9	135	193
Leptospirosis		1	2	17	11
Lyme Disease		0	0	0	0
Melioidosis		0	0	6	2
Q Fever		0	0	3	6
Scrub Typhus		3	0	82	69
Toxoplasmosis		1	1	3	2
Tularremia	0	0	0	0	
<b>Category V</b>	Ebola Virus Disease	0	0	0	0
	Ebola-Marburg Hemorrhagic Fever	0	0	0	0
	Novel Influenza A Virus Infections <sup>6</sup>	0	0	1	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.
2. Reported cases.
3. Since 2014/1/1, "Varicella" was modified to "Complicated Varicella".
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6. Since 2016/1/22, "Zika Virus Infection" was listed as a Notifiable Infectious Disease.

## Suspected Clusters

- Forty-eight clusters were reported, including 4 tuberculosis clusters, 33 diarrhea clusters, 8 upper respiratory tract infection clusters, 1 influenza-like illness cluster and 2 varicella clusters.

## Imported Infectious Diseases

- 8 confirmed cases were imported from 3 countries during Week 11 of 2017.

Disease \ Country	Indonesia	Malaysia	China	Total
DF		2		2
Hepatitis A		1		1
FluSC			1	1
Amoebiasis	1			1
Measles	1			1
Shigellosis	1			1
Typhoid fever	1			1
<b>Total</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>8</b>

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

- A total of 148 confirmed cases were imported from 16 countries in 2017.
- Top 3 imported diseases : Dengue fever (61), Amoebiasis (38), Shigellosis (15).
- Top 3 countries responsible for most imported cases : Indonesia (60), Vietnam (19), Malaysia (17).

## Summary of Epidemic

- **Diarrhea** : As the viral gastroenteritis season is upon us, the risk of clustered cases remains.
- **Influenza** : As large temperature fluctuations are expected this week, it is likely that influenza activity will remain similar to that last week. H3N2 is currently the dominant strain circulating in the community.
- **Scrub Typhus** : The number of cases reported and confirmed is expected to increase. The affected areas primarily include Hualien County and Taitung County.

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