

**week 51-53 (Dec. 14, 2014 -Jan. 3, 2015)** DOI: 10.6525/TEB.20150113.31(1).003

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

Case diagnosis week		Week 51		Week 1 – 51		
Classification	Disease Diagnosed <sup>1</sup>	2014	2013	2014	2013	
<b>Category I</b>	Plague	0	0	0	0	
	Rabies	0	0	0	1	
	SARS	0	0	0	0	
	Smallpox	0	0	0	0	
<b>Category II</b>	Acute Flaccid Paralysis	0	1	30	25	
	Acute Viral Hepatitis type A	1	0	121	129	
	Amoebiasis	2	7	285	264	
	Anthrax	0	0	0	0	
	Chikungunya Fever	0	0	8	27	
	Cholera	0	0	4	7	
	Dengue Fever	301	48	15516	828	
	Dengue Hemorrhagic Fever/Dengue Shock Syndrome	7	2	138	16	
	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	0	
	Malaria	1	0	20	12	
	Measles	0	0	26	8	
	Meningococcal Meningitis	0	1	3	6	
	Paratyphoid Fever	0	0	8	8	
	Poliomyelitis	0	0	0	0	
	Rubella	0	0	6	7	
	Shigellosis	6	1	136	153	
Typhoid fever	0	0	25	20		
West Nile Fever	0	0	0	0		
<b>Category III</b>	Acute Viral Hepatitis type B	3	4	116	105	
	Acute Viral Hepatitis type C <sup>3</sup>	2	0	194	9	
	Acute Viral Hepatitis type D	0	0	1	0	
	Acute Viral Hepatitis type E	0	1	11	7	
	Acute Viral Hepatitis untype	0	0	4	5	
	Congenital Rubella Syndrome	0	0	0	0	
	Enteroviruses Infection with Severe Complications	0	1	7	10	
	Haemophilus Influenza type b Infection	0	0	3	10	
	Japanese Encephalitis	0	0	18	16	
	Legionellosis	3	0	134	109	
	Mumps <sup>2</sup>	7	22	865	1151	
	Neonatal Tetanus	0	0	0	0	
	Pertussis	0	1	69	47	
	Tetanus <sup>2</sup>	0	1	8	23	
	<b>Category IV</b>	Botulism	0	0	0	1
		Brucellosis	0	0	0	0
Complicated Influenza		2	14	1763	909	
Complicated Varicella <sup>4</sup>		4	0	56	0	
Endemic Typhus Fever		1	0	25	25	
Herpesvirus B Infection		0	0	0	0	
Invasive Pneumococcal Disease		11	20	566	625	
Leptospirosis		2	0	96	85	
Lyme Disease		0	0	2	0	
Melioidosis		0	1	33	21	
Q Fever		0	0	49	47	
Scrub Typhus		5	6	425	532	
Toxoplasmosis		0	0	14	14	
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>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		

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. The epidemiological week calendar established by the World Health Organization is adopted for calculating each week's cumulative total.

4. Since 2014/1/1, "Varicella" was modified to "Complicated Varicella".

5. 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".

6. Since 2014/7/1, various subtypes of human cases of avian influenza changed to the fifth class of infectious diseases "novel influenza A virus infections". The original "H5N1 flu" and "H7N9 flu" were removed on the same day.

### Suspected Clusters

- In regard to disease clusters, 11 outbreak events were reported, including 3 tuberculosis clusters, 3 varicella clusters, 2 diarrhea clusters, 1 influenza-like illness cluster, 1 shigellosis cluster and 1 amoebiasis cluster.

### Imported Infectious Diseases

- 14 confirmed infectious cases were imported from 7 countries during week 51 of 2014.

Country Disease	Indonesia	China	Philippines	Singapore	Cameroon	Thailand	Malaysia	Total
Dengue Fever		1	1	1		1	1	5
Shigellosis	4							4
Amoebiasis	3							3
Malaria					1			1
Legionellosis		1						1
Total	7	2	1	1	1	1	1	14

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

- A total of 693 infectious cases were imported from 39 countries in 2014.
- Top 3 imported diseases : Dengue fever (238), Amoebiasis (182), Shigellosis (116).
- Top 3 countries responsible for most imported cases : Indonesia (330), Philippines (84), Malaysia (74).

### Summary of Epidemic

- **Dengue fever** : A downward trend has been observed in the overall epidemic. The outbreaks in the majority of the districts in Kaohsiung City are expected to gradually slow down. Although the outbreak in Pingtung County has reached a plateau, new sporadic cases have been reported. In Taitung County, a cluster of dengue cases originated from local outbreak has been reported in Taimali village. In addition, there was no new case reported in Tainan City. The public is once again urged to clean up and remove any vector breeding sites and take personal precautions against mosquito bites; doctors are advised to stay vigilant for suspected cases, especially cases presenting symptoms pertaining to dengue hemorrhagic fever, to ensure prompt diagnosis and treatment
- **Influenza** : Influenza activity has gradually increased. 2 cases of severe complicated influenza (type B) were confirmed. Since August 1, 2014, a total number of 53 cases of severe complicated influenza have been confirmed, including 33 cases infected by H1N1, 6 cases infected by H3N2, 2 cases infected by untyped influenza A and 12 cases infected by influenza B. Of these cases, 14 died.

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

Classification	Case diagnosis week Disease Diagnosed <sup>1</sup>	Week 52		Week 1—52	
		2014	2013	2014	2013
Category I	Plague	0	0	0	0
	Rabies	0	0	0	1
	SARS	0	0	0	0
	Smallpox	0	0	0	0
Category II	Acute Flaccid Paralysis	0	0	30	25
	Acute Viral Hepatitis type A	1	6	122	135
	Amoebiasis	5	6	290	270
	Anthrax	0	0	0	0
	Chikungunya Fever	0	1	8	28
	Cholera	0	0	4	7
	Dengue Fever	186	25	15702	853
	Dengue Hemorrhagic Fever/Dengue Shock Syndrome	1	0	139	16
	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	0
	Malaria	0	0	20	12
	Measles	0	0	26	8
	Meningococcal Meningitis	0	0	3	6
	Paratyphoid Fever	0	0	8	8
	Poliomyelitis	0	0	0	0
	Rubella	0	0	6	7
	Shigellosis	1	1	137	154
Typhoid fever	0	0	25	20	
West Nile Fever	0	0	0	0	
Category III	Acute Viral Hepatitis type B	1	1	117	106
	Acute Viral Hepatitis type C <sup>3</sup>	6	0	200	9
	Acute Viral Hepatitis type D	0	0	1	0
	Acute Viral Hepatitis type E	0	0	11	7
	Acute Viral Hepatitis untype	0	0	4	5
	Congenital Rubella Syndrome	0	0	0	0
	Enteroviruses Infection with Severe Complications	0	1	7	11
	Haemophilus Influenza type b Infection	1	0	4	10
	Japanese Encephalitis	0	0	18	16
	Legionellosis	3	2	137	111
	Mumps <sup>2</sup>	15	17	880	1168
	Neonatal Tetanus	0	0	0	0
	Pertussis	1	4	70	51
	Tetanus <sup>2</sup>	0	1	8	24
Category IV	Botulism	0	0	0	1
	Brucellosis	0	0	0	0
	Complicated Influenza	2	20	1765	929
	Complicated Varicella <sup>4</sup>	1	0	57	0
	Endemic Typhus Fever	0	1	25	26
	Herpesvirus B Infection	0	0	0	0
	Invasive Pneumococcal Disease	15	6	581	631
	Leptospirosis	1	1	97	86
	Lyme Disease	0	0	2	0
	Melioidosis	0	0	33	21
	Q Fever	1	0	50	47
	Scrub Typhus	8	9	433	541
	Toxoplasmosis	0	0	14	14
	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 Yellow Fever	0 0	0 0	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. The epidemiological week calendar established by the World Health Organization is adopted for calculating each week's cumulative total.
4. Since 2014/1/1, "Varicella" was modified to "Complicated Varicella".
5. 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".
6. Since 2014/7/1, various subtypes of human cases of avian influenza changed to the fifth class of infectious diseases "novel influenza A virus infections". The original "H5N1 flu" and "H7N9 flu" were removed on the same day.

## Suspected Clusters

- In regard to disease clusters, 19 outbreak events were reported, including 8 varicella clusters, 5 tuberculosis clusters, 4 diarrhea clusters and 2 upper respiratory tract infection clusters.

## Imported Infectious Diseases

- 4 confirmed infectious cases were imported from 2 countries during week 52 of 2014.

Disease	Country		
	Indonesia	Malaysia	Total
Dengue Fever	1	1	2
Amoebiasis	1		1
Shigellosis	1		1
Total	3	1	4

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

- A total of 696 infectious cases were imported from 39 countries in 2014.
- Top 3 imported diseases : Dengue fever (240), Amoebiasis (183), Shigellosis (117).
- Top 3 countries responsible for most imported cases : Indonesia (334), Philippines (84), Malaysia (75).

## Summary of Epidemic

- **Dengue fever** : A downward trend has been observed in the overall epidemic.
- **Influenza** : Influenza activity has gradually increased. 2 cases of severe complicated influenza (H3N2) were confirmed. Since August 1, 2014, a total number of 55 cases of severe complicated influenza have been confirmed, including 33 cases infected by H1N1, 8 cases infected by H3N2, 2 cases infected by untyped influenza A and 12 cases infected by influenza B. Of these cases, 14 died.
- **Novel Influenza A Virus Infections** : Due to the number of novel H7N9 influenza infections have increased in China, the public urges travelers visiting Zhejiang Province or Guangdong Province to take preventive measures such as avoiding direct contact with poultry and birds and consuming only thoroughly cooked poultry and eggs, and practice good personal hygiene such as washing hands frequently to ward off infection.

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

\*week 53 is not available in 2013

Classification	Case diagnosis week Disease Diagnosed <sup>1</sup>	Week 53		Week 1–53	
		2014	2013*	2014	2013
Category I	Plague	0	-	0	0
	Rabies	0	-	0	1
	SARS	0	-	0	0
	Smallpox	0	-	0	0
Category II	Acute Flaccid Paralysis	1	-	31	25
	Acute Viral Hepatitis type A	2	-	124	135
	Amoebiasis	5	-	294	270
	Anthrax	0	-	0	0
	Chikungunya Fever	0	-	8	28
	Cholera	0	-	4	7
	Dengue Fever	63	-	15765	853
	Dengue Hemorrhagic Fever/Dengue Shock Syndrome	0	-	139	16
	Diphtheria	0	-	0	0
	Enterohemorrhagic E. coli Infection	0	-	0	0
	Epidemic Typhus Fever	0	-	0	0
	Hantavirus Pulmonary Syndrome	0	-	0	0
	Hemorrhagic Fever with Renal Syndrome	1	-	2	0
	Malaria	0	-	20	12
	Measles	0	-	26	8
	Meningococcal Meningitis	0	-	3	6
	Paratyphoid Fever	0	-	8	8
	Poliomyelitis	0	-	0	0
	Rubella	1	-	7	7
	Shigellosis	1	-	138	154
	Typhoid fever	0	-	25	20
West Nile Fever	0	-	0	0	
Category III	Acute Viral Hepatitis type B	3	-	120	106
	Acute Viral Hepatitis type C <sup>5</sup>	6	-	206	9
	Acute Viral Hepatitis type D	0	-	1	0
	Acute Viral Hepatitis type E	0	-	11	7
	Acute Viral Hepatitis untype	0	-	4	5
	Congenital Rubella Syndrome	0	-	0	0
	Enteroviruses Infection with Severe Complications	0	-	7	11
	Haemophilus Influenza type b Infection	0	-	4	10
	Japanese Encephalitis	0	-	18	16
	Legionellosis	2	-	139	111
	Mumps <sup>2</sup>	13	-	893	1168
	Neonatal Tetanus	0	-	0	0
	Pertussis	1	-	71	51
	Tetanus <sup>2</sup>	2	-	10	24
	Category IV	Botulism	0	-	0
Brucellosis		0	-	0	0
Complicated Influenza		0	-	1765	929
Complicated Varicella <sup>4</sup>		0	-	57	0
Endemic Typhus Fever		0	-	25	26
Herpesvirus B Infection		0	-	0	0
Invasive Pneumococcal Disease		16	-	597	631
Leptospirosis		1	-	98	86
Lyme Disease		0	-	2	0
Melioidosis		1	-	34	21
Q Fever		0	-	50	47
Scrub Typhus		4	-	437	541
Toxoplasmosis		0	-	14	14
Tularremia	0	-	0	0	
Category V	Ebola Virus Disease	0	-	0	0
	Ebola-Marburg Hemorrhagic Fever	0	-	0	0
	Novel Influenza A Virus Infections <sup>b</sup>	0	-	0	0
	Lassa Fever	0	-	0	0
	Rift Valley Fever	0	-	0	0
	Middle East Respiratory Syndrome Coronavirus	0	-	0	0
Yellow Fever	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. The epidemiological week calendar established by the World Health Organization is adopted for calculating each week's cumulative total.  
4. Since 2014/1/1, "Varicella" was modified to "Complicated Varicella".  
5. 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".  
6. Since 2014/7/1, various subtypes of human cases of avian influenza changed to the fifth class of infectious diseases "novel influenza A virus infections". The original "H5N1 flu" and "H7N9 flu" were removed on the same day.

### Suspected Clusters

- Eleven outbreak events were reported, including 7 diarrhea clusters, 2 varicella clusters, 1 tuberculosis cluster and 1 upper respiratory tract infection cluster.

### Imported Infectious Diseases

- 15 confirmed infectious cases were imported from 6 countries during week 53 of 2014.

Country Disease	Indonesia	Malaysia	Vietnam	Thailand	Hong Kong	South Africa	Total
Amoebiasis	5						5
Dengue Fever		3	2				5
Rubella						1	1
Hepatitis B					1		1
Melioidosis				1			1
Legionellosis				1			1
Shigellosis	1						1
Total	6	3	2	2	1	1	15

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

- A total of 709 infectious cases were imported from 40 countries in 2014.
- Top 3 imported diseases : Dengue fever (245), Amoebiasis (186), Shigellosis (118).
- Top 3 countries responsible for most imported cases : Indonesia (339), Philippines (84), Malaysia (79).

### Summary of Epidemic

- **Dengue fever** : A downward trend has been observed in the overall epidemic. Local transmission of dengue was still observed in Kaohsiung and Pingtung. The public is once again urged to clean up and remove any vector breeding sites and take personal precautions against mosquito bites.
- **Influenza** : The influenza epidemic season has approached. During week 53, there was no new case with severe complications reported. Since August 1, 2014, a total number of 55 cases of severe complicated influenza have been confirmed, including 33 cases infected by H1N1, 8 cases infected by H3N2, 2 cases infected by untyped influenza A and 12 cases infected by influenza B. Of these cases, 14 died.

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