

week 46-47 (Nov. 15 - Nov. 28, 2015) DOI: 10.6525/TEB.20151208.31(23).004

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

Case diagnosis week		Week 46		Week 1—46	
Classification	Disease Diagnosed ¹	2015	2014	2015	2014
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	19	29
	Acute Viral Hepatitis type A	2	5	121	115
	Amoebiasis	4	7	306	258
	Anthrax	0	0	0	0
	Chikungunya Fever	0	0	4	7
	Cholera	0	0	10	4
	Dengue Fever	1995	1425	34570	11779
	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	2	1
	Malaria	0	0	8	18
	Measles	0	1	29	26
	Meningococcal Meningitis	0	0	3	3
	Paratyphoid Fever	1	0	4	8
	Poliomyelitis	0	0	0	0
	Rubella	0	0	6	5
	Shigellosis	2	2	160	121
	Typhoid fever	1	0	27	21
	West Nile Fever	0	0	0	0
Category III	Acute Viral Hepatitis type B	0	5	104	105
	Acute Viral Hepatitis type C ⁵	3	5	185	170
	Acute Viral Hepatitis type D	0	0	2	1
	Acute Viral Hepatitis type E	2	0	4	11
	Acute Viral Hepatitis untype	1	0	2	4
	Congenital Rubella Syndrome	0	0	0	0
	Enteroviruses Infection with Severe Complications	0	0	5	7
	Haemophilus Influenza type b Infection	0	0	2	3
	Japanese Encephalitis	0	0	30	17
	Legionellosis	0	3	144	119
	Mumps ²	7	17	680	804
	Neonatal Tetanus	0	0	0	0
	Pertussis	1	0	76	62
	Tetanus ²	0	1	10	7
	Botulism	0	0	2	0
	Brucellosis	0	0	2	0
Category IV	Complicated Influenza	4	0	812	1758
	Complicated Varicella ⁴	0	0	47	49
	Endemic Typhus Fever	1	0	31	23
	Herpesvirus B Infection	0	0	0	0
	Invasive Pneumococcal Disease	3	18	449	515
	Leptospirosis	0	1	72	85
	Lyme Disease	0	0	2	2
	Melioidosis	2	0	32	30
	Q Fever	2	0	41	47
	Scrub Typhus	18	6	394	399
	Toxoplasmosis	0	0	11	13
	Tularremia	0	0	0	0
	Botulism	0	0	2	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, 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.

Suspected Clusters

- Twelve clusters were reported, including 9 diarrhea clusters, 2 upper respiratory tract infection clusters, and 1 tuberculosis cluster.

Imported Infectious Diseases

- 14 confirmed cases were imported from 7 countries during Week 46 of 2015.

Country Disease	Vietnam	Indonesia	Singapore	Thailand	Malaysia	Hong Kong	Philippines	Total
Dengue Fever	4			2	1		1	8
Amoebiasis		4						4
Paratyphoid Fever			1					1
Hepatitis B						1		1
Total	4	4	1	2	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 678 confirmed cases were imported from 34 countries in 2015.
- Top 3 imported diseases : Dengue fever (304), Amoebiasis (177), Shigellosis (85).
- Top 3 countries responsible for most imported cases : Indonesia (315), Philippines (62), Vietnam (60).

Summary of Epidemic

- **Dengue Fever** : Dengue activity has entered the peak of the epidemic season. The public is urged to clean up and remove any vector breeding sites. The epidemic has increased in Kaohsiung City and the cumulative number of cases reported this year is already more than that reported during the same period last year. The number of new cases reported during Week 46 is 1.2 times higher than that reported during Week 45. The hot spots of the epidemic in Kaohsiung City are Sanmin District, Fongshan District, Cianjhen District and Lingya District. On the other hand, in Tainan City, the epidemic has slowed down and the number of new cases reported during Week 46 is 40% less than that reported during Week 45. The majority of the cases were reported in East District, Tainan City. Since May 1, 2015, 174 deaths have been confirmed to be caused by dengue infection, while 14 deaths are waiting to be reviewed. As of now, 51 dengue cases are still being treated in the intensive care unit (ICU), and 93.3% of the reported cases have recovered.

- **Enterovirus** : Enterovirus season has continued and enterovirus activity is above the epidemic threshold. The numbers of visits to outpatient services and ER for enterovirus infection during Week 46 is higher than that during Week 45. Coxsackie A virus is currently the dominant strain circulating in the community.
- **Influenza** : Influenza activity has slightly increased and remained at the baseline level. This season's vaccine is well-matched to circulating viruses.

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

Case diagnosis week		Week 47		Week 1—47	
Classification	Disease Diagnosed ¹	2015	2014	2015	2014
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	19	29
	Acute Viral Hepatitis type A	3	1	135	116
	Amoebiasis	8	6	326	264
	Anthrax	0	0	0	0
	Chikungunya Fever	0	0	4	7
	Cholera	0	0	10	4
	Dengue Fever	2334	1107	39255	12886
	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	2	1
	Malaria	0	0	9	18
	Measles	0	0	29	26
	Meningococcal Meningitis	0	0	3	3
	Paratyphoid Fever	0	0	6	8
	Poliomyelitis	0	0	0	0
	Rubella	0	1	6	6
	Shigellosis	4	0	168	121
	Typhoid fever	0	2	27	23
	West Nile Fever	0	0	0	0
Category III	Acute Viral Hepatitis type B	2	2	110	107
	Acute Viral Hepatitis type C ⁵	4	5	197	175
	Acute Viral Hepatitis type D	0	0	2	1
	Acute Viral Hepatitis type E	0	0	4	11
	Acute Viral Hepatitis untype	0	0	2	4
	Congenital Rubella Syndrome	0	0	0	0
	Enteroviruses Infection with Severe Complications	0	0	5	7
	Haemophilus Influenza type b Infection	0	0	2	3
	Japanese Encephalitis	0	0	30	17
	Legionellosis	3	2	156	121
	Mumps ²	20	15	713	819
	Neonatal Tetanus	0	0	0	0
	Pertussis	1	4	85	66
	Tetanus ²	0	0	10	7
Category IV	Botulism	0	0	2	0
	Brucellosis	0	0	2	0
	Complicated Influenza	4	1	820	1759
	Complicated Varicella ⁴	0	2	47	51
	Endemic Typhus Fever	1	0	32	23
	Herpesvirus B Infection	0	0	0	0
	Invasive Pneumococcal Disease	9	7	466	522
	Leptospirosis	2	3	80	88
	Lyme Disease	0	0	2	2
	Melioidosis	0	0	37	30
	Q Fever	0	0	43	47
	Scrub Typhus	16	9	450	408
	Toxoplasmosis	0	0	11	13
	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, 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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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

- Eleven clusters were reported, including 8 diarrhea clusters, 2 tuberculosis clusters, and 1 influenza-like illness cluster.

Imported Infectious Diseases

- 23 confirmed cases were imported from 8 countries during Week 47 of 2015.

Country Disease	Indonesia	Vietnam	Malaysia	Philippines	Japan	Myanmar	China	Singapore	Total
Dengue Fever		4	3	1		1	1	1	11
Amoebiasis	7								7
Hepatitis A				1	2				3
Shigellosis	2								2
Total	9	4	3	2	2	1	1	1	23

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

- A total of 702 confirmed cases were imported from 34 countries in 2015.
- Top 3 imported diseases : Dengue fever (316), Amoebiasis (184), Shigellosis (87).
- Top 3 countries responsible for most imported cases : Indonesia (324), Philippines (65), Vietnam (65).

Summary of Epidemic

- **Dengue Fever** : Dengue activity has entered the peak of the epidemic season. The public is urged to clean up and remove any vector breeding sites. The epidemic has decreased in Kaohsiung City and the number of new cases reported during Week 47 is 20% less than that reported during Week 46. The hot spots of the epidemic in Kaohsiung City are Sanmin District, Fongshan District, Cianjhen District and Lingya District. On the other hand, in Tainan City, the epidemic has slowed down and the number of new cases reported during Week 47 is 40% less than that reported during Week 46. The majority of the cases were reported in East District, Tainan City. Since May 1, 2015, 184 deaths have been confirmed to be caused by dengue infection, while 21 deaths are waiting to be reviewed. As of now, 48 dengue cases are still being treated in the intensive care unit (ICU), and 95.0% of the reported cases have recovered.

- **Enterovirus** : Enterovirus season has continued and enterovirus activity is above the epidemic threshold. The ER consultation rate for enterovirus infection during Week 47 is higher than the epidemic threshold. Coxsackie A virus is currently the dominant strain circulating in the community.
- **Influenza** : Influenza activity has slightly increased and remained at the baseline level. This season's vaccine is well-matched to circulating viruses.

The Taiwan Epidemiology Bulletin series of publications is published by Centers for Disease Contrd, Ministry of Health and Welfare, Taiwan (R.O.C.) since Dec 15, 1984.

Address : No.6, Linshen S. Road, Taipei, Taiwan 100 (R.O.C.) **Telephone No** : (02) 2395-9825

Publisher : Hsu-Sung Kuo

Editor-in-Chief : Wan-Ting Huang

Executive Editor : Hsueh-Ju Chen, Hsiu-Lan Liu

Website : <http://www.cdc.gov.tw/>

Suggested Citation :

[Author].[Article title].Taiwan Epidemiol Bull 2015;31:[inclusive page numbers]. [DOI]