# week 33-35(Aug. 9-Aug. 29, 2020)

DOI: 10.6525/TEB.202009\_36(17).0002

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

Category I Plague Rabies 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nported cases 0 0 0 0 7 83 0 3 0 62 0 0	< 1-33 Total cases★ 0 0 0 0 39 62 211 0 35 0 398	Imported cases 0 0 0 0 17 114 0 34
Category I Plague	cases 0 0 0 0 0 7 83 0 3 0 62 0	0 0 0 0 39 62 211 0 35	0 0 0 0 0 0 17 114 0 34
Category I       Rabies SARS SARS SARS SMIlpox 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 7 83 0 3 0 62 0	0 0 0 39 62 211 0 35	0 0 0 17 114 0 34
SARS   0 0 0 0	0 0 7 83 0 3 0 62 0	0 0 39 62 211 0 35 0	0 0 17 114 0 34
Smallpox         0         0         0           Acute Flaccid Paralysis         0         0         18           Acute Viral Hepatitis type A         1         5         53           Amoebiasis         3         5         153           Anthrax         0         0         0           Chikungunya Fever         0         7         3           Cholera         0         0         0	0 7 83 0 3 0 62 0	0 39 62 211 0 35 0	0 0 17 114 0 34
Acute Flaccid Paralysis       0       0       18         Acute Viral Hepatitis type A       1       5       53         Amoebiasis       3       5       153         Anthrax       0       0       0         Chikungunya Fever       0       7       3         Cholera       0       0       0	0 7 83 0 3 0 62	39 62 211 0 35 0	0 17 114 0 34
Acute Viral Hepatitis type A 1 5 53 Amoebiasis 3 5 153 Anthrax 0 0 0 0 Chikungunya Fever 0 7 3 Cholera 0 0 0	7 83 0 3 0 62 0	62 211 0 35 0	114 0 34
Amoebiasis       3       5       153         Anthrax       0       0       0         Chikungunya Fever       0       7       3         Cholera       0       0       0	0 3 0 62 0	0 35 0	0 34
Chikungunya Fever 0 7 3 Cholera 0 0 0	3 0 62 0	35 0	34
Cholera 0 0	0 62 0	0	_
	62 0	_	
Dengue Fever 0 24 76	0	398	0 324
Dengue Fever   0 24 76	-	0	0
Enterohemorrhagic E. coli Infection 0 0 0		1	0
Epidemic Typhus Fever 0 0 0	0	0	0
Hantavirus Pulmonary Syndrome 0 0 0	0	0	0
Category II Hemorrhagic Fever with Renal Syndrome 0 0 8	0	0	0
Malaria 0 1 1	1	3	3
Measles 0 7 2 Meningococcal Meningitis 0 1 5	2 0	120	48
Meningococcal Meningitis 0 1 5 Paratyphoid Fever 0 0 0	0	3 5	0 4
Poliomyelitis 0 0 0	0	0	0
Rubella 0 0 0	Ö	20	16
Shigellosis 5 2 101	21	91	33
Typhoid fever 0 0 5	3	18	14
West Nile Fever 0 0 0	0	0	0
Zika virus infection 0 1 2 Acute Viral Hepatitis type B 2 1 60	2	3 68	3
Acute Vital Hepatitis type C 9 12 400	3	383	2
Acute Viral Hepatitis type D 0 0 0	0	0	0
Acute Viral Hepatitis type E 0 0 7	Ö	7	3
Congenital Syphilis 0 0 0	0	0	0
Congenital Rubella Syndrome 0 0 0	0	0	0
Category III Enteroviruses Infection with Severe Complications 0 2 7	0	27	1
- Haemophilus initidenza type b infection 0 0 3	0	1	0
Japanese Encephalitis 1 0 21 Legionnaires' Disease 5 3 169	0	20	2
Legionnaires' Disease         5         3         169           Mumps         11         8         306	8 6	173 379	13 5
Neonatal Tetanus 0 0 0	0	0	0
Pertussis 0 0 8	0	23	Ö
Tetanus 0 0 7	0	1	0
Botulism 0 0 1	0	0	0
Brucellosis 0 0 0	0	0	0
Complicated Varicella 0 1 30	0	41	1
Endemic Typhus Fever 1 1 13	0	15	1
Herpesvirus B Infection 0 0 0	0	0	0
Influenza Case with Severe Complications 0 50 548 Invasive Pneumococcal Disease 2 8 167	6 0	1400 285	6 2
Category IV Leptospirosis 1 3 33	0	52	0
Listeriosis 1 0 91	0	121	1
Lyme Disease 0 0 0	0	1	1
Melioidosis 0 1 9	1	15	0
Q Fever 0 1 12	0	15	2
Scrub Typhus 24 14 254	1	288	3
Toxoplasmosis 0 0 5	0	9	1
Tularemia 0 0 0	0	0	0
Ebola Virus Disease 0 0 0	0	0	0
Lassa Fever 0 0 0	0	0	0
Marburg Hemorrhagic Fever 0 0 0	0	0	0
Middle East Respiratory Syndrome Category V Coronavirus Infections	0	0	0
Novel Influenza A Virus Infections 0 0 0	0	0	0
Rift Valley Fever 0 0 0	Ö	ő	0
Severe Pneumonia with Novel Pathogens 3 - 482	427	-	-
Yellow Fever 0 0 0	0	0	0

<sup>★</sup>The weekly and cumulative total numbers include indigenous and imported cases of notifiable infectious diseases. MDR-TB, Tuberculosis, Syphilis, Gonorrhea, HIV Infection, AIDS, Hansen's Disease and Creutzfeldt-Jakob Disease are excluded from the table.

Numbers of mumps and tetanus cases are summed up by the week of report.

Since 2020/1/15, "Severe Pneumonia with Novel Pathogens" was listed as a Notifiable Infectious Disease.

#### **Suspected Clusters**

●Twenty-one clusters related to diarrhea (11), tuberculosis (8), and upper respiratory tract infection (2) were reported during week 33.

## **Imported Infectious Diseases**

● There were 5 imported cases from 2 countries during week 33.

Countries Diseases	Philippines	Indonesia	Total
Severe Pneumonia with Novel Pathogens	3		3
Amoebiasis	1	1	2
Total	4	1	5

- ●As of week 33, there were 632 imported cases from 49 different countries. The top 3 countries are Indonesia (123), USA (94), UK (72).
- The three notifiable diseases with the highest number of imported cases are Severe Pneumonia with Novel Pathogens (427), Amoebiasis (83), Dengue Fever (62).

## **Summary of Epidemic**

- ●Severe Pneumonia with Novel Pathogens: Due to the severe international epidemic status, the imported cases keep detection. The risk of acquiring SARS-CoV-2 infection in Taiwan is persistence.
- **Dengue Fever**: Accumulation of water containers after the rainfall increase vector breeding. Therefore, the risk of dengue fever is persistence.
- Japanese Encephalitis: Taiwan is in the midst of Japanese Encephalitis season. Every county in Taiwan is at risk of infection.
- Scrub Typhus: Taiwan is in the midst of Scrub Typhus season, eastern Taiwan is the highest risk of infectious area.

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

Category   Piague	Case diagnosis year Week 34★					Week 1-34			
Pague					2020		2019		
Category I   Rabies   0   0   0   0   0   0   0   0   0	Classification	Disease Diagnosed	2020	2019	Total cases★		Total cases★	Imported cases	
SARS	Category I	Plague	0	0	0	0	0	0	
Smallpox			-	-					
Acute Flacid Paralysis				-					
Acute Viral Hepatitis type A   2   3   55   7   65   18   119					-				
Amoeblasis Anthrax Anthrax Anthrax Anthrax Anthrax Anthrax Anthrax Anthrax Chikungunya Fever Cholera Cholera Dengue Fever Diphtheria Enterohemorrhagic E. coli Infection Partypholi Ever With Renal Syndrome Malaria Memingococcal Meningitis O		·	-	-				_	
Anthrax Chickingunya Fever Cholera Chickingunya Fever Cholera									
Chikungunya Fever			-			-	_	_	
Cholera			-	-		-	-	_	
Dengue Fever   1		9 ,					_		
Diphtheria   Enterohemorrhagic E. coli Infection   0			_			-	_		
Category III   Handarius Pulmionary Syndrome			0	0	0				
Category III Hantavirus Pulmonary Syndrome		l :	0	0	0	0	1	0	
Hemorrhagic Fever with Renal Syndrome   0		Epidemic Typhus Fever	0	0	0	0	0	0	
Malaria	Catagony II	Hantavirus Pulmonary Syndrome	0	0	0	0	0	0	
Measles	Category	Hemorrhagic Fever with Renal Syndrome	0	1	8	0	1	0	
Meningococal Meningitis			-	-					
Paraty/phoid Fever			-						
Poliomyelitis		9	_	-		-			
Rubella   Shigellosis   1			-	-	-		-		
Shigellosis			_	-	_	-	-	_	
Typhoid fever			-	-	_	-	_		
West Nile Fever					_				
Zika virus infection			-	-			_		
Acute Viral Hepatitis type B   2   3   62   2   71   3   Acute Viral Hepatitis type C   9   14   409   3   397   2   2   3   Acute Viral Hepatitis type D   0   0   0   0   0   0   0   0   0				-					
Acute Viral Hepatitis Type C									
Acute Viral Hepatitis type D				-	-				
Acute Viral Hepatitis type E									
Congenital Syphilis			0	0	7	0	7	3	
Enteroviruses Infection with Severe Complications   0			0	0	0	0	0	0	
Haemophilus Influenza type b Infection		Congenital Rubella Syndrome	0	0	0	0	0	0	
Haemophilist influenza type of infection   0	Category III		0	2		0	29	1	
Legionnaires' Disease   12	category iii		-	-		-			
Mumps			-	-		-	_		
Neonatal Tetanus							_	_	
Pertussis   1				-		-		_	
Tetanus			-	-	_	-	_	_	
Botulism   0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			-	-				_	
Brucellosis									
Complicated Varicella   0			_	-			_	_	
Endemic Typhus Fever			_		_		_		
Herpesvirus B Infection		·	-						
Invasive Pneumococcal Disease		Herpesvirus B Infection	0	0	0	0	0	0	
Category IV   Leptospirosis   1   6   34   95   0   125   1   1   1   1   1   1   1   1   1		Influenza Case with Severe Complications	0	53	548	6	1453	6	
Listeriosis		Invasive Pneumococcal Disease	5	2	172	0	287		
Lyme Disease	Category IV								
Melioidosis Q Fever Q									
Q Fever   0		•	_	-	-	-			
Scrub Typhus   6			-						
Toxoplasmosis			-			-	-		
Tularemia		, · · · · · · · · · · · · · · · · · · ·	-						
Ebola Virus Disease			-	-		-	_		
Lassa Fever   0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Category V								
Category V         Marburg Hemorrhagic Fever Middle East Respiratory Syndrome Coronavirus Infections Novel Influenza A Virus Infections Rift Valley Fever Severe Pneumonia with Novel Pathogens         0			-	-	-	-	-	_	
Category V  Middle East Respiratory Syndrome Coronavirus Infections Novel Influenza A Virus Infections Rift Valley Fever Severe Pneumonia with Novel Pathogens  O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				-					
Category V   Coronavirus Infections   0   0   0   0   0   0   0   0   0		Middle East Respiratory Syndrome		-	-	-	-	_	
Novel Influenza A Virus Infections   0 0 0 0 0 0 0 0   0   0   0   0   0			U	U	U	U	U	U	
Severe Pneumonia with Novel Pathogens 5 - 487 432		Novel Influenza A Virus Infections	0	0	0	0	0	0	
			_	0	0	0	0	0	
Yellow Fever   0 0   0   0   0		Severe Pneumonia with Novel Pathogens	5	-	487	432	-	-	
		Yellow Fever	0	0	0	0	0	0	

 <sup>★</sup>The weekly and cumulative total numbers include indigenous and imported cases of notifiable infectious diseases.
 MDR-TB, Tuberculosis, Syphilis, Gonorrhea, HIV Infection, AIDS, Hansen's Disease and Creutzfeldt-Jakob Disease are excluded from the table.

Numbers of mumps and tetanus cases are summed up by the week of report.
 Since 2020/1/15, "Severe Pneumonia with Novel Pathogens" was listed as a Notifiable Infectious Disease.

## **Suspected Clusters**

●Twenty-nine clusters related to tuberculosis (16), diarrhea (10), upper respiratory tract infection (2), and varicella (1) were reported during week 34.

# **Imported Infectious Diseases**

● There were 7 imported cases from 6 countries during week 34.

Countries Diseases	Philippines	Australia	USA	Mexico	Indonesia	Vietnam	Total
Severe Pneumonia with Novel Pathogens	2	1	1	1			5
Dengue Fever						1	1
Amoebiasis					1		1
Total	2	1	1	1	1	1	7

- As of week 34, there were 639 imported cases from 49 different countries. The top 3 countries are Indonesia (124), USA (95), and UK (72).
- The three notifiable diseases with the highest number of imported cases are Severe Pneumonia with Novel Pathogens (432), Amoebiasis (84), and Dengue Fever (63).

# **Summary of Epidemic**

- Severe Pneumonia with Novel Pathogens: The COVID-19 pandemic is still critical, and risks of importation and local transmission of COVID-19 in Taiwan persist.
- Dengue Fever: Heavy rain in many counties/cities over the past few weeks increased the number of containers holding rain water. Individuals remain at risk of infection in the community.
- Japanese Encephalitis: Taiwan is in Japanese Encephalitis season. Individuals remain at risk of infection in every county/city.
- Scrub Typhus: Taiwan is in Scrub Typhus season. Taitung County is the highest risk area.

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

	Case diagnosis year	Week	35 <b>X</b>	2020	Weel	2019		
Classification	Disease Diagnosed	2020	2019	Total cases★	Imported cases	Total cases★	Imported cases	
Category I	Plague	0	0	0	0	0	0	
	Rabies SARS	0	0	0 0	0 0	0 0	0	
	SMS   Smallpox	0	0	0	0	0	0	
	Acute Flaccid Paralysis	0	3	18	0	42	0	
	Acute Viral Hepatitis type A	5	0	60	7	65	18	
	Amoebiasis	4	5	163	84	221	121	
	Anthrax	0	0	0	0	0	0	
	Chikungunya Fever	0	11	3	3	54	52	
	Cholera	0	0 24	0 77	0 63	0 436	0 360	
	Dengue Fever Diphtheria	0	0	0	0	430	0	
	Enterohemorrhagic E. coli Infection	0	0	0	0	1	0	
	Epidemic Typhus Fever	Ö	0	Ö	Ö	0	0	
Catagonill	Hantavirus Pulmonary Syndrome	0	0	0	0	0	0	
Category II	Hemorrhagic Fever with Renal Syndrome	0	0	8	0	1	0	
	Malaria	0	0	1	1	3	3	
	Measles	0	0	2	2	123	48	
	Meningococcal Meningitis Paratyphoid Fever	0	0	5 0	0	3 5	0 4	
	Poliomyelitis	0	0	0	0	0	0	
	Rubella	0	0	0	0	20	16	
	Shigellosis	3	1	105	21	96	34	
	Typhoid fever	0	0	5	3	18	14	
	West Nile Fever	0	0	0	0	0	0	
	Zika virus infection	0	0	2	2	3	3	
	Acute Viral Hepatitis type B	5	2	67	2	73	3	
	Acute Viral Hepatitis type C	11 0	10 0	420 0	3 0	407 0	2 0	
	Acute Viral Hepatitis type D Acute Viral Hepatitis type E	0	0	7	0	7	3	
	Congenital Syphilis	0	0	Ó	0	Ó	0	
	Congenital Rubella Syndrome	0	0	0	0	0	0	
Category III	Enteroviruses Infection with Severe Complications	0	5	7	0	34	1	
Category III	Haemophilus Influenza type b Infection	0	0	3	0	1	0	
	Japanese Encephalitis	0	0	21	0	20	2	
	Legionnaires' Disease Mumps	9 12	5 12	190 327	8 6	183 399	13 6	
	Neonatal Tetanus	0	0	0	0	0	0	
	Pertussis	Ö	0	8	0	23	0	
	Tetanus	0	0	7	0	1	0	
	Botulism	0	0	1	0	0	0	
	Brucellosis	0	0	0	0	0	0	
	Complicated Varicella	0	0	30 13	0	42 15	1 1	
	Endemic Typhus Fever Herpesvirus B Infection	0	0	0	0	0	0	
	Influenza Case with Severe Complications	0	76	548	6	1529	6	
	Invasive Pneumococcal Disease	3	7	175	0	294	2	
Category IV	Leptospirosis	3	1	37	0	59	0	
 I	Listeriosis	2	6	97	0	131	1	
	Lyme Disease	0	0	0	0	1	1	
	Melioidosis Q Fever	0	4 0	9 12	1 0	24 16	0	
	Scrub Typhus	7	12	267	1	311	3	
	Toxoplasmosis	Ó	3	5	0	12	2	
Category V	Tularemia	0	0	0	0	0	0	
	Ebola Virus Disease	0	0	0	0	0	0	
	Lassa Fever	0	0	0	0	0	0	
	Marburg Hemorrhagic Fever Middle East Respiratory Syndrome	0	0	0	0	0	0	
	Coronavirus Infections	0	0	0	0	0	0	
	Novel Influenza A Virus Infections	0	0	0	0	0	0	
		0	0	0	0	0	0	
	Rift Valley Fever	U	U	U	U	U	U	
	Severe Pneumonia with Novel Pathogens	1	-	488	433	-	-	

 <sup>5. ★</sup>The weekly and cumulative total numbers include indigenous and imported cases of notifiable infectious diseases.
 6. MDR-TB, Tuberculosis, Syphilis, Gonorrhea, HIV Infection, AIDS, Hansen's Disease and Creutzfeldt-Jakob Disease are excluded from the table.

<sup>7.</sup> Numbers of mumps and tetanus cases are summed up by the week of report.
8. Since 2020/1/15, "Severe Pneumonia with Novel Pathogens" was listed as a Notifiable Infectious Disease.

## **Suspected Clusters**

Sixteen clusters related to tuberculosis (8), diarrhea (5), upper respiratory tract infection (2), and varicella (1) were reported during week 35.

## **Imported Infectious Diseases**

• There was 1 imported case during week 35.

Countries Diseases	Philippines	Total
Severe Pneumonia with Novel Pathogens	1	1
Total	1	1

- As of week 35, there were 640 imported cases from 49 countries. The top 3 countries are Indonesia (124), USA (95), and UK (72).
- The three notifiable diseases with the highest number of imported cases are Severe Pneumonia with Novel Pathogens (433), Amoebiasis (84), and Dengue Fever (63).

# **Summary of Epidemic**

- Severe Pneumonia with Novel Pathogens: The COVID-19 pandemic is still critical, and risks of importation and local transmission persist.
- Dengue Fever: The number of breeding sites increased because of heavy rain in many counties/cities over the past few weeks. The risk of infection in the community remained.
- Scrub Typhus: Taiwan is in Scrub Typhus season. Taitung County is the highest risk area.
- ●Enterovirus: As children begin to return to school for the upcoming semester, enterovirus activity may increase.

The Taiwan Epidemiology Bulletin series of publications is published by Centers for Disease Control,

Ministry of Health and Welfare, Taiwan (R.O.C.) since Dec. 15, 1984.

Publisher: Jih-Haw Chou

Editor-in-Chief: Yung-Ching Lin

Executive Editor: Hsueh-Ju Chen, Hsin-Lun Lee

Address: No.6, Linsen S. Rd, Jhongjheng District, Taipei City 10050, Taiwan (R.O.C.)

**Telephone No:** +886-2-2395-9825 **Website:** https://www.cdc.gov.tw/En

**Suggested Citation:** 

[Author].[Article title]. Taiwan Epidemiol Bull 2020;36:[inclusive page numbers]. [DOI]