

week 15–16(Apr. 5– Apr. 18, 2020)

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

Case diagnosis year		Week 15★		Week 1–15			
Classification	Disease Diagnosed	2020	2019	2020		2019	
				Total cases★	Imported cases	Total cases★	Imported cases
Category I	Plague	0	0	0	0	0	0
	Rabies	0	0	0	0	0	0
	SARS	0	0	0	0	0	0
	Smallpox	0	0	0	0	0	0
Category II	Acute Flaccid Paralysis	0	1	8	0	16	0
	Acute Viral Hepatitis type A	0	2	28	7	30	8
	Amoebiasis	2	6	73	38	91	47
	Anthrax	0	0	0	0	0	0
	Chikungunya Fever	0	0	2	2	0	0
	Cholera	0	0	0	0	0	0
	Dengue Fever	0	9	55	55	117	116
	Diphtheria	0	0	0	0	0	0
	Enterohemorrhagic E. coli Infection	0	0	0	0	0	0
	Epidemic Typhus Fever	0	0	0	0	0	0
	Hantavirus Pulmonary Syndrome	0	0	0	0	0	0
	Hemorrhagic Fever with Renal Syndrome	0	0	3	0	0	0
	Malaria	0	0	1	1	1	1
	Measles	0	13	2	2	57	28
	Meningococcal Meningitis	0	0	3	0	2	0
	Paratyphoid Fever	0	0	0	0	0	0
	Poliomyelitis	0	0	0	0	0	0
	Rubella	0	2	0	0	8	6
	Shigellosis	4	1	52	19	36	12
	Typhoid fever	0	1	5	3	5	5
	West Nile Fever	0	0	0	0	0	0
	Zika virus infection	0	0	2	2	1	1
Category III	Acute Viral Hepatitis type B	0	2	27	2	30	1
	Acute Viral Hepatitis type C	13	14	187	2	165	2
	Acute Viral Hepatitis type D	0	0	0	0	0	0
	Acute Viral Hepatitis type E	0	0	5	0	6	2
	Congenital Syphilis	0	0	0	0	0	0
	Congenital Rubella Syndrome	0	0	0	0	0	0
	Enteroviruses Infection with Severe Complications	0	0	7	0	4	1
	Haemophilus Influenza type b Infection	0	0	1	0	0	0
	Japanese Encephalitis	0	0	0	0	0	0
	Legionnaires' Disease	5	6	69	3	76	6
	Mumps	3	16	134	3	176	0
	Neonatal Tetanus	0	0	0	0	0	0
	Pertussis	0	5	8	0	19	0
	Tetanus	0	0	3	0	0	0
Category IV	Botulism	0	0	0	0	0	0
	Brucellosis	0	0	0	0	0	0
	Complicated Varicella	0	0	16	0	22	1
	Endemic Typhus Fever	1	0	3	0	2	0
	Herpesvirus B Infection	0	0	0	0	0	0
	Influenza Case with Severe Complications	0	35	546	6	708	2
	Invasive Pneumococcal Disease	2	11	129	0	163	2
	Leptospirosis	1	0	12	0	14	0
	Listeriosis	2	5	34	0	55	0
	Lyme Disease	0	0	0	0	1	1
	Melioidosis	0	0	3	1	1	0
	Q Fever	0	2	1	0	3	1
	Scrub Typhus	1	0	60	1	73	0
	Toxoplasmosis	0	1	0	0	5	0
	Tularemia	0	0	0	0	0	0
Category V	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	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
	Rift Valley Fever	0	0	0	0	0	0
	Severe Pneumonia with Novel Pathogens	30	-	385	331	-	-
	Yellow Fever	0	0	0	0	0	0

- ★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

- Fourteen clusters were reported during week 15, including 8 tuberculosis clusters, 4 diarrhea clusters, 2 upper respiratory tract infection clusters.

Imported Infectious Diseases

- There were 30 imported cases from 8 countries / areas during week 15 of 2020.

Diseases \ Countries / Areas	USA	Indonesia	UK	Austria	Iceland	France	Morocco	Spain	Total
Severe Pneumonia with Novel Pathogens	10	3	5	3	2	2	1	1	27
Acute Hepatitis A		2							2
Amoebiasis		1							1
Total	10	6	5	3	2	2	1	1	30

- As of week 15 in 2020, there were 475 imported cases from 41 different countries. The top 3 countries are USA (85), Indonesia (78), UK (70).
- The three notifiable diseases with the highest number of imported cases are Severe Pneumonia with Novel Pathogens (331), Dengue Fever (55), Amoebiasis (38).

Summary of Epidemic

- **Severe Pneumonia with Novel Pathogens** : The risk of locally-acquired infection cases might increase due to more frequent contact and movement in the period of college/university admission through screening and recommendation program.

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

Case diagnosis year		Week 16★		Week 1–16			
Classification	Disease Diagnosed	2020	2019	2020		2019	
				Total cases★	Imported cases	Total cases★	Imported cases
Category I	Plague	0	0	0	0	0	0
	Rabies	0	0	0	0	0	0
	SARS	0	0	0	0	0	0
	Smallpox	0	0	0	0	0	0
Category II	Acute Flaccid Paralysis	3	0	11	0	16	0
	Acute Viral Hepatitis type A	0	1	28	7	31	8
	Amoebiasis	5	5	78	42	96	49
	Anthrax	0	0	0	0	0	0
	Chikungunya Fever	0	0	2	2	0	0
	Cholera	0	0	0	0	0	0
	Dengue Fever	0	5	55	55	122	121
	Diphtheria	0	0	0	0	0	0
	Enterohemorrhagic E. coli Infection	0	1	0	0	1	0
	Epidemic Typhus Fever	0	0	0	0	0	0
	Hantavirus Pulmonary Syndrome	0	0	0	0	0	0
	Hemorrhagic Fever with Renal Syndrome	0	0	3	0	0	0
	Malaria	0	0	1	1	1	1
	Measles	0	15	2	2	72	29
	Meningococcal Meningitis	0	0	3	0	2	0
	Paratyphoid Fever	0	2	0	0	2	1
	Poliomyelitis	0	0	0	0	0	0
	Rubella	0	2	0	0	10	8
	Shigellosis	3	5	55	20	41	14
	Typhoid fever	0	1	5	3	6	6
	West Nile Fever	0	0	0	0	0	0
	Zika virus infection	0	0	2	2	1	1
Category III	Acute Viral Hepatitis type B	1	3	28	2	33	1
	Acute Viral Hepatitis type C	17	12	203	2	177	2
	Acute Viral Hepatitis type D	0	0	0	0	0	0
	Acute Viral Hepatitis type E	0	0	5	0	6	2
	Congenital Syphilis	0	0	0	0	0	0
	Congenital Rubella Syndrome	0	0	0	0	0	0
	Enteroviruses Infection with Severe Complications	0	2	7	0	6	1
	Haemophilus Influenza type b Infection	1	0	2	0	0	0
	Japanese Encephalitis	0	0	0	0	0	0
	Legionnaires' Disease	7	5	76	5	81	6
	Mumps	4	14	138	6	190	0
	Neonatal Tetanus	0	0	0	0	0	0
	Pertussis	0	0	8	0	19	0
	Tetanus	1	0	4	0	0	0
Category IV	Botulism	0	0	0	0	0	0
	Brucellosis	0	0	0	0	0	0
	Complicated Varicella	0	0	16	0	22	1
	Endemic Typhus Fever	0	0	3	0	2	0
	Herpesvirus B Infection	0	0	0	0	0	0
	Influenza Case with Severe Complications	0	22	546	6	730	2
	Invasive Pneumococcal Disease	1	13	130	0	176	2
	Leptospirosis	1	0	13	0	14	0
	Listeriosis	0	0	34	0	55	0
	Lyme Disease	0	0	0	0	1	1
	Melioidosis	1	0	4	1	1	0
	Q Fever	0	2	1	0	5	1
	Scrub Typhus	0	2	60	1	75	0
	Toxoplasmosis	0	0	0	0	5	0
	Tularemia	0	0	0	0	0	0
Category V	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	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
	Rift Valley Fever	0	0	0	0	0	0
	Severe Pneumonia with Novel Pathogens	13	-	398	343	-	-
	Yellow Fever	0	0	0	0	0	0

1. ★The weekly and cumulative total numbers include indigenous and imported cases of notifiable infectious diseases.
2. MDR-TB, Tuberculosis, Syphilis, Gonorrhea, HIV Infection, AIDS, Hansen's Disease and Creutzfeldt-Jakob Disease are excluded from the table.
3. Numbers of mumps and tetanus cases are summed up by the week of report.
4. Since 2020/1/15, "Severe Pneumonia with Novel Pathogens" was listed as a Notifiable Infectious Disease.

Suspected Clusters

- Fifteen clusters were reported during week 16, including 8 tuberculosis clusters, 3 diarrhea clusters, 2 varicella clusters, 2 fever of unknown origin clusters.

Imported Infectious Diseases

- There were 19 imported cases from 5 countries, Coral Princess Cruises, Navy Dunmu Fleet during week 16 of 2020.

Diseases \ Countries / Areas	Indonesia	Coral Princess Cruises	USA	Navy Dunmu Fleet	Malaysia	China	UK	Total
Severe Pneumonia with Novel Pathogens		4	4	3			1	12
Amoebiasis	4							4
Legionnaires' Disease					1	1		2
Shigellosis	1							1
Total	5	4	4	3	1	1	1	19

- As of week 16 in 2020, there were 494 imported cases from 43 different countries / areas. The top 3 countries are USA (89), Indonesia (83), UK (71).
- The three notifiable diseases with the highest number of imported cases are Severe Pneumonia with Novel Pathogens (343), Dengue Fever (55), Amoebiasis (42).

Summary of Epidemic

- **Severe Pneumonia with Novel Pathogens** : The risk of locally-acquired infection cases might increase due to the clusters of Navy Dunmu Fleet.

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