

22 April 2021 / Number 15 (4/12 ~ 4/18)

Surveillance System in Tokyo, Japan

The infectious diseases which all physicians must report
All physicians must report to health centers the incidence of the diseases which are shown at page one. Health centers electronically report the individual cases to Tokyo Metropolitan Infectious Disease Surveillance Center.

The infectious diseases required to be reported by the sentinels
The numbers of patients who visit the sentinel clinics or hospitals during a week are reported to health centers in Tokyo. And they electronically report the numbers to Tokyo Metropolitan Infectious Disease Surveillance Center. We have about 500 sentinel clinics and hospitals in Tokyo.

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Number of patients with the diseases which all physicians must report

Category	Diseases	Tokyo					Japan	
		12th	13th	14th	15th	Cum 2021	15th	Cum 2021
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	41	42	52	41	612	215	4,291
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera							
	Shigellosis					2		4
	Enterohemorrhagic Escherichia coli infection	4	5	1	1	27	19	252
	Typhoid fever							
	Paratyphoid fever							
IV	Hepatitis E	2	5		4	46	12	170
	West Nile fever							
	Hepatitis A	1				8	1	24
	Echinococcosis						1	11
	Yellow fever							
	Psittacosis							1
	Omsk hemorrhagic fever							
	Relapsing fever							2
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Zika virus infection							
	Severe Fever with Thrombocytopenia Syndrome						2	18
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							
	Scrub typhus(Tsutsugamushi disease)					1	1	68
	Dengue fever							
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever		1			1	5	23
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism							1
Malaria							1	4
Tularemia								
Lyme disease								4
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	3	2		2	29	17	308	
Leptospirosis					1		2	
Rocky mountain spotted fever								

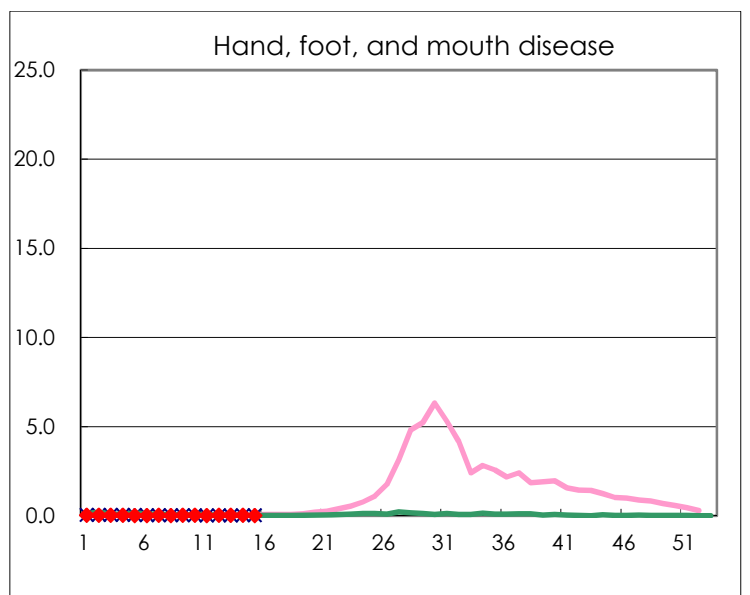
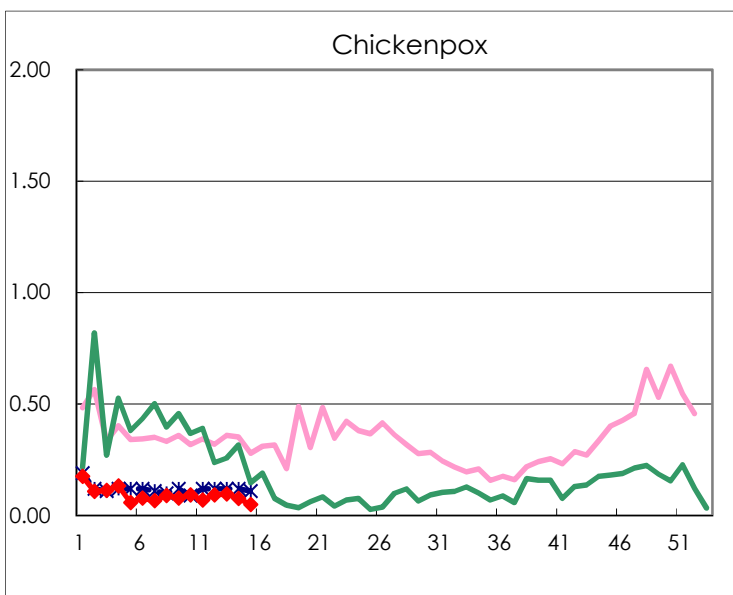
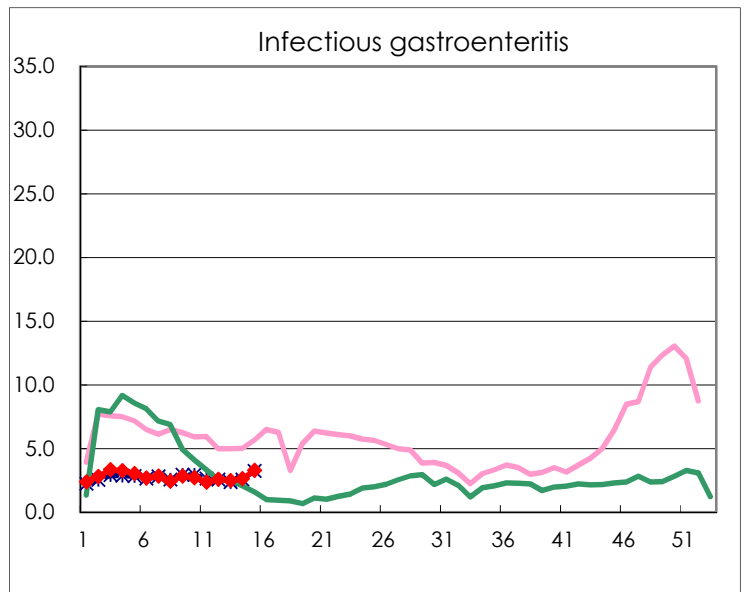
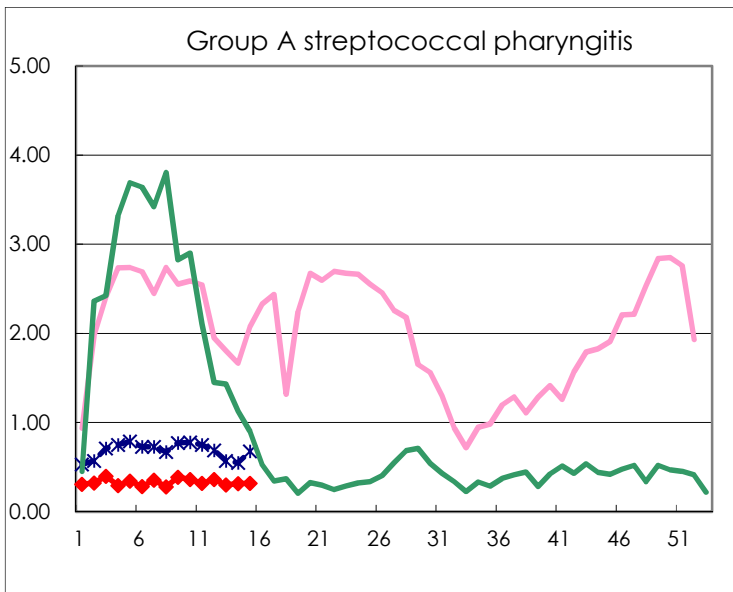
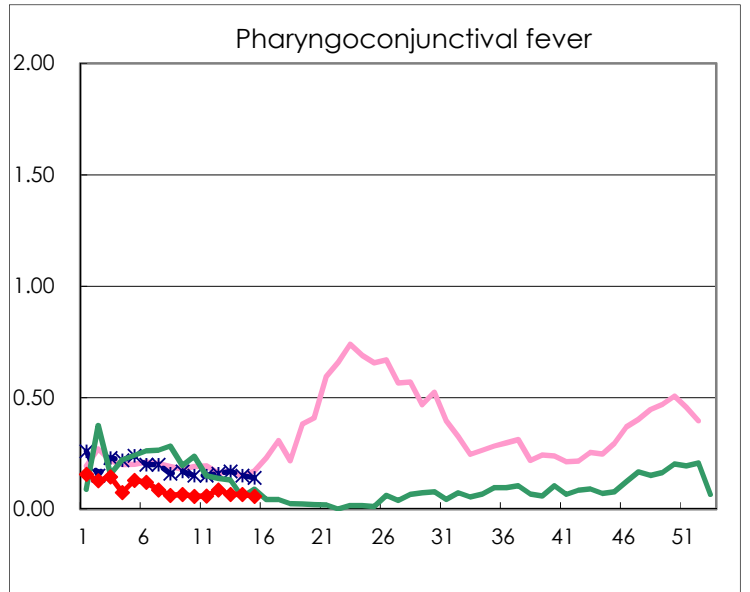
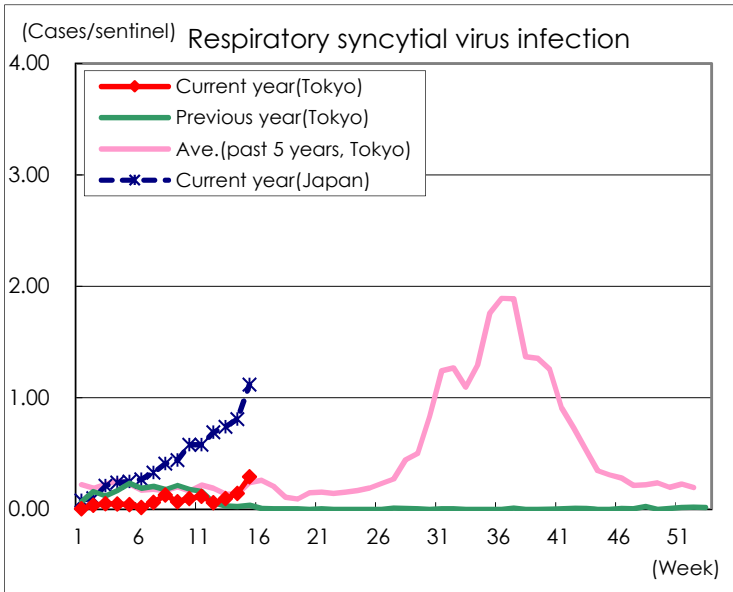
Category	Diseases	Tokyo					Japan	
		12th	13th	14th	15th	Cum 2021	15th	Cum 2021
V	Amebiasis	2	2	2	1	22	4	148
	Viral hepatitis(excluding hepatitis A and E)	4	1			20	3	62
	CRE infection	5	4	4	2	52	19	481
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)				1	1		6
	Acute encephalitis(excluding JE and WNE)				1	7	6	92
	Cryptosporidiosis							1
	Creutzfeldt-Jakob disease		2	1		6	4	53
	Severe invasive streptococcal infections(TSLS)	1		1	1	20	8	198
	Acquired immunodeficiency syndrome (AIDS)	13	11	7	7	107	9	274
	Giardiasis					4		11
	Invasive <i>Haemophilus influenzae</i> disease		1	2	1	6	4	67
	Invasive meningococcal disease							
	Invasive pneumococcal disease	2	2	2	1	26	17	353
	Varicella (limited to hospitalized case)				2	10	6	79
	Congenital rubella syndrome							1
	Syphilis	42	35	57	32	585	82	1,742
	Disseminated cryptococcosis					3	1	35
	Tetanus			1		1	1	22
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection						1	30
	Pertussis	2	1	4		25	7	173
Rubella					1		5	
Measles								
MDRA infection								

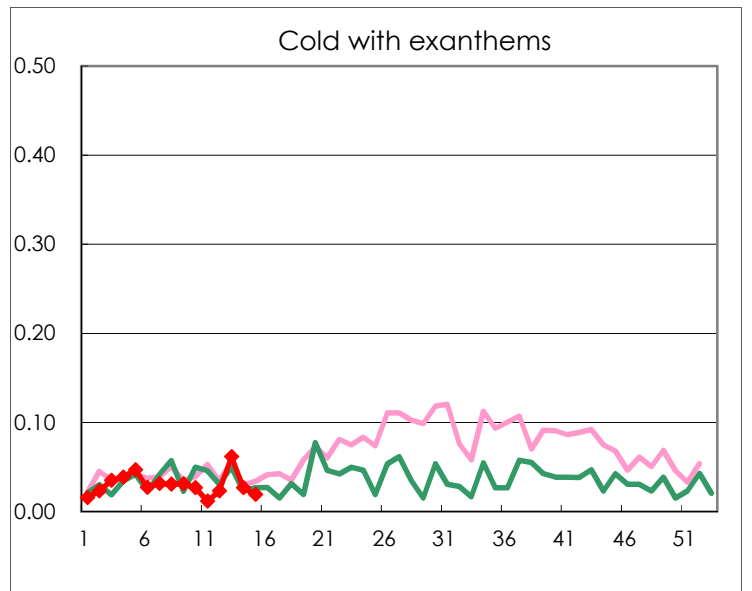
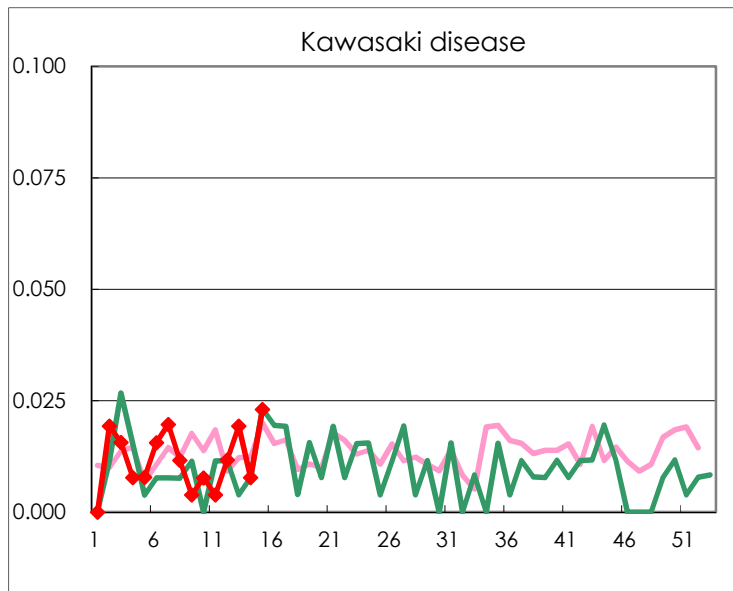
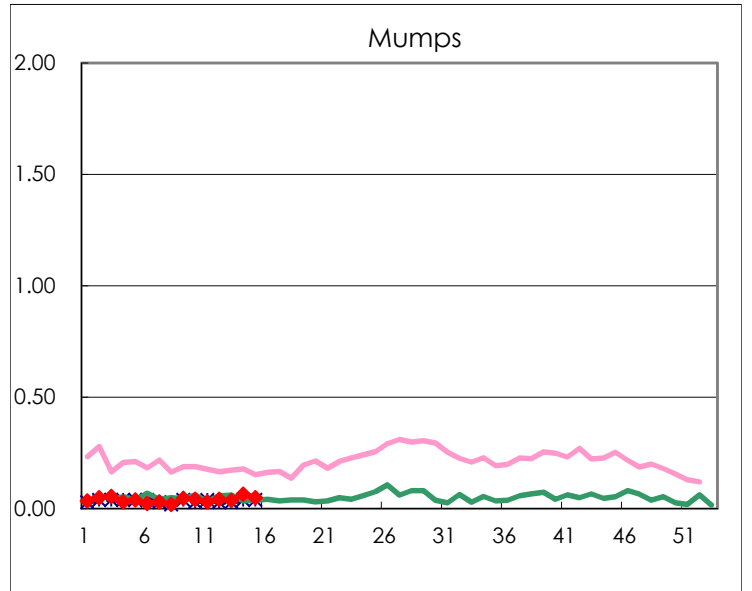
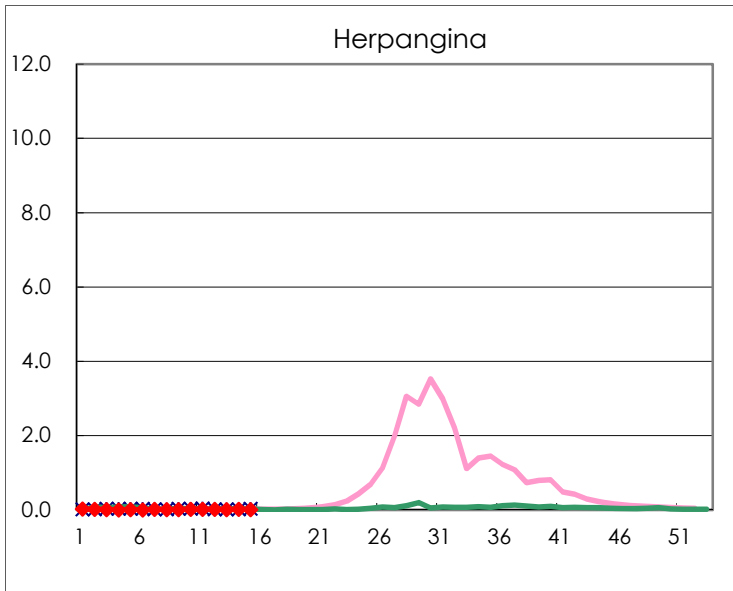
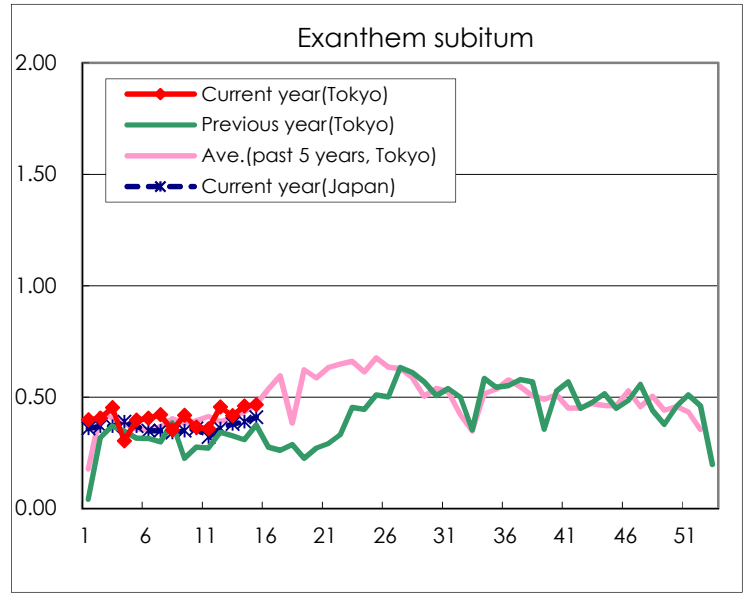
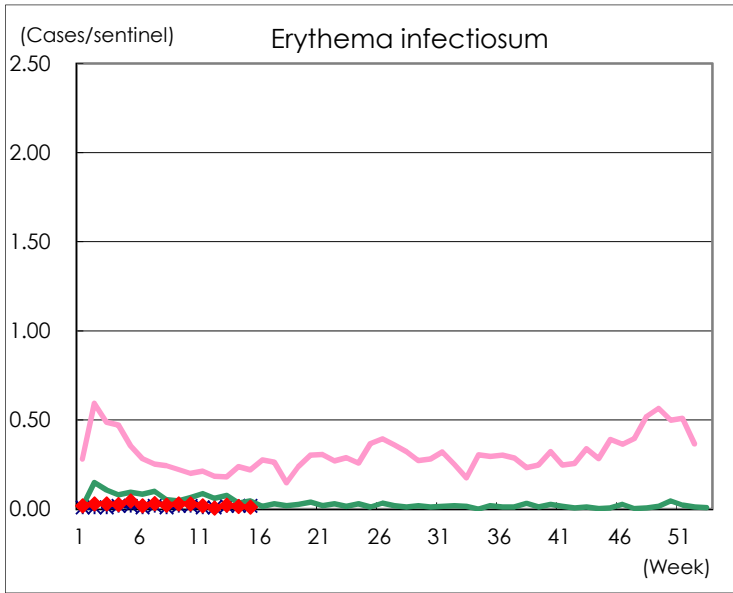
Number of patients with the diseases to be reported
by the designated clinics and hospitals

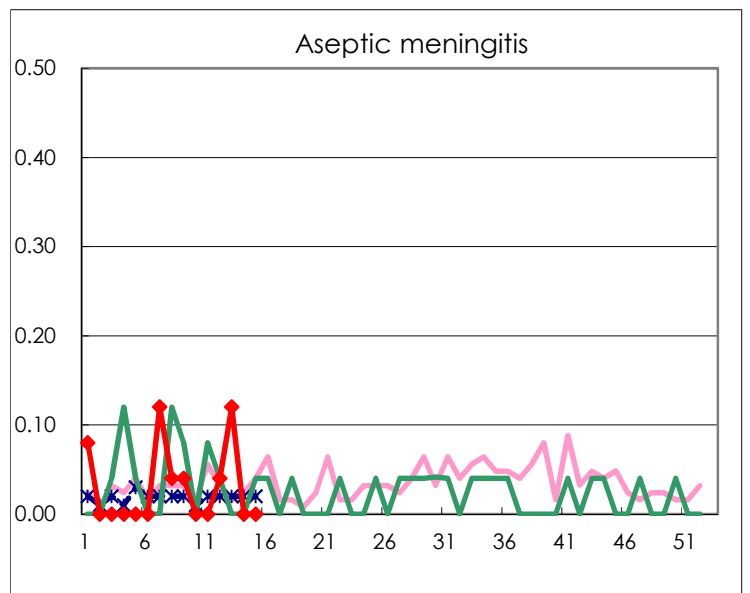
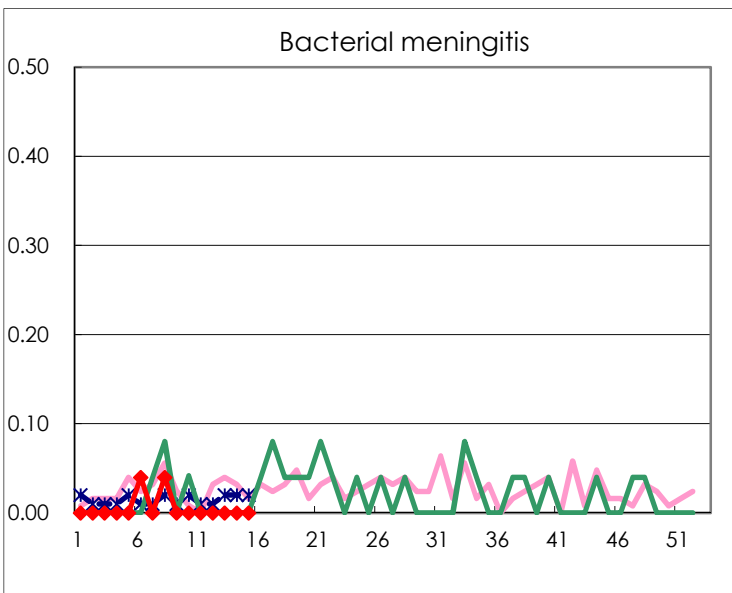
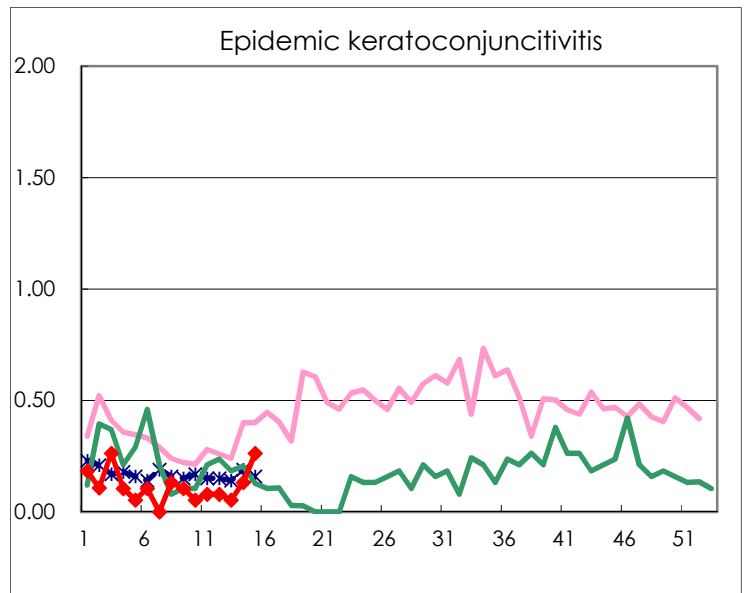
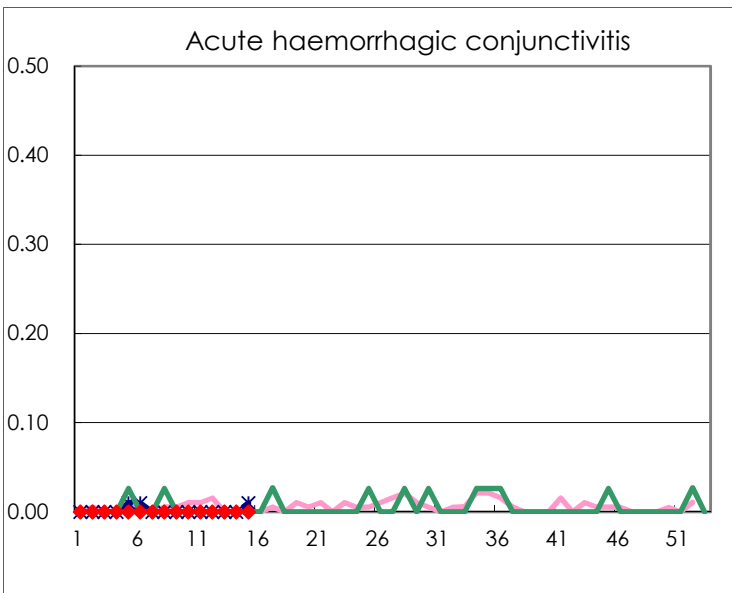
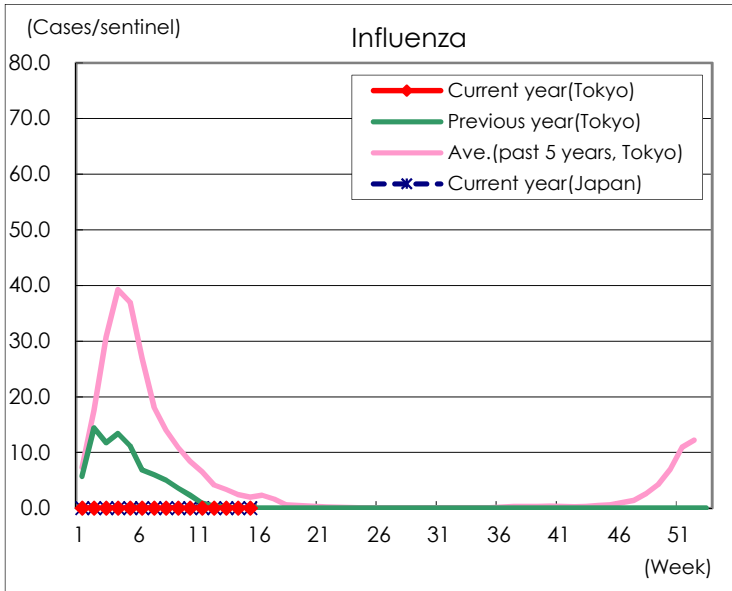
Diseases	Tokyo				
	12th	13th	14th	15th	/sentinel
Respiratory syncytial virus infection	15	25	37	76	0.29
Pharyngoconjunctival fever	22	17	17	15	0.06
Group A streptococcal pharyngitis	93	78	82	83	0.32
Infectious gastroenteritis	661	641	682	851	3.27
Chickenpox	24	25	20	13	0.05
Hand, foot, and mouth disease	6	5	6		
Erythema infectiosum	2	6	4	3	0.01
Exanthem subitum	117	108	119	121	0.47
Herpangina	5	2	5	2	0.01
Mumps	11	10	17	13	0.05
Kawasaki disease	3	5	2	6	0.02
Cold with exanthems	6	16	7	5	0.02
Influenza	1		1		
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	3	2	5	10	0.26
Bacterial meningitis					
Aseptic meningitis	1	3			
<i>Mycoplasma pneumoniae</i>	1				
<i>Chlamydia pneumoniae</i> (excluding psittacosis)	1	3	1		
Infectious gastroenteritis (only by Rotavirus)		2			
Influenza-Associated Hospitalizations					

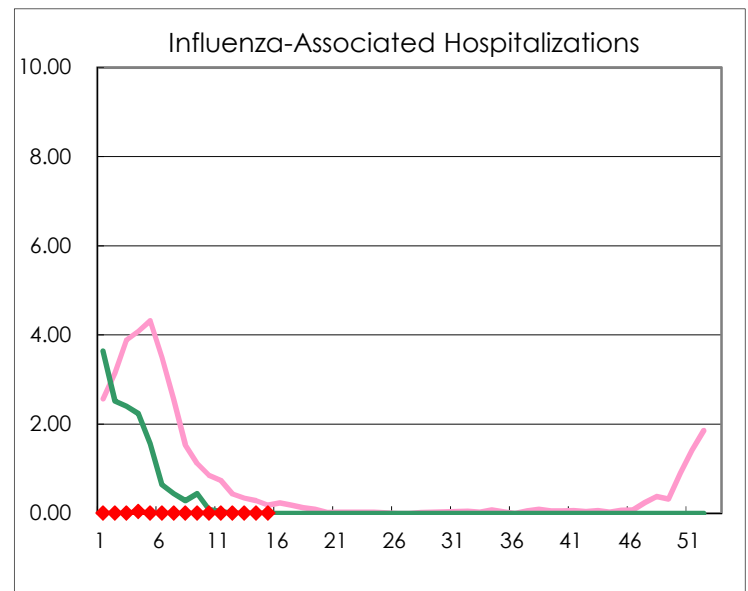
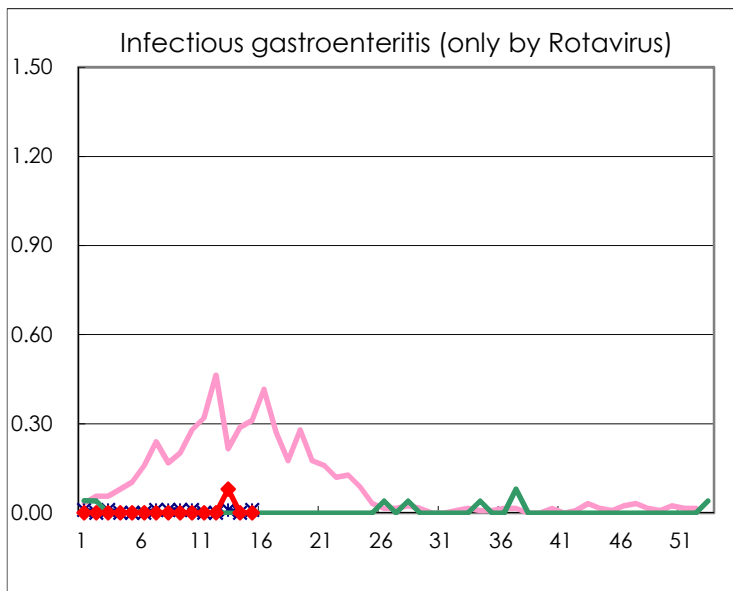
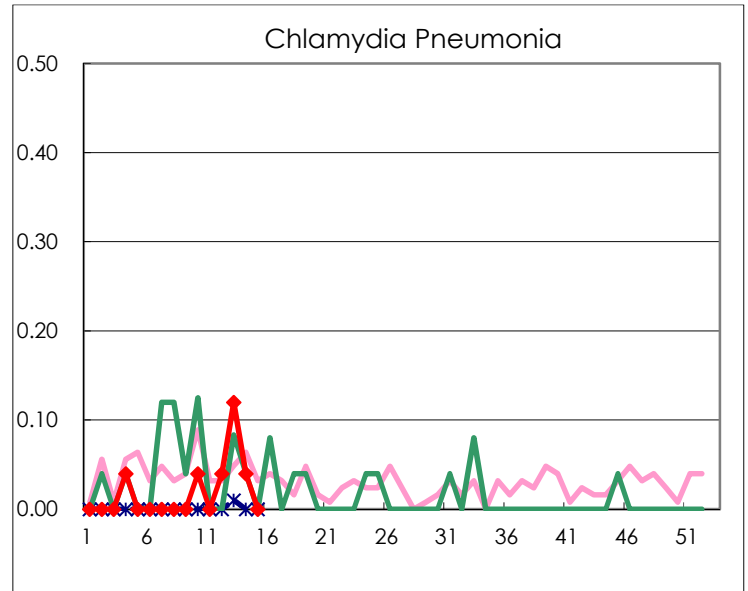
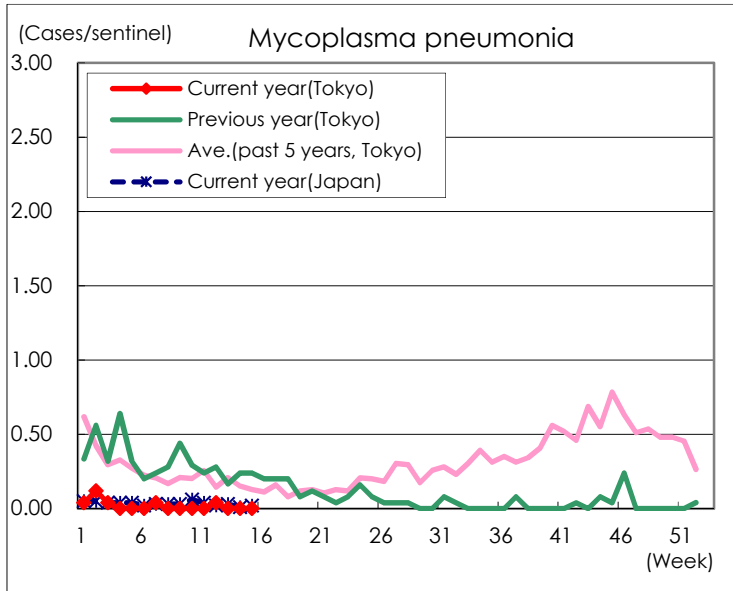
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Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	260
Influenza	419	412
Ophthalmic	39	38
Specially-designated	25	25