

**13 February 2020 / Number 6**

## 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	
		3rd	4th	5th	6th	Cum 2020	6th	Cum 2020
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	52	53	46	48	265	268	1,751
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
※	Novel Coronavirus 2019 infection				10	10	13	13
III	Cholera							
	Shigellosis	3	1	1	2	7		16
	Enterohemorrhagic Escherichia coli infection	3	4	3	2	13	21	125
	Typhoid fever				1	1	1	4
	Paratyphoid fever			1		1		1
IV	Hepatitis E	2	1	3	3	14	13	56
	West Nile fever							
	Hepatitis A		3	1		8	2	23
	Echinococcosis							3
	Yellow fever							
	Psittacosis							1
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis				1	1	1	1
	Monkeypox							
	Zika virus infection							
	Severe Fever with Thrombocytopenia Syndrome						2	3
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							1
	Scrub typhus(Tsutsugamushi disease)		2			4	1	54
	Dengue fever	2	1			5	2	22
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever							3
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis						1	1
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
Botulism								
Malaria		1		1	3	1	6	
Tularemia								
Lyme disease							1	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	2	2	3		9	24	158	
Leptospirosis							1	
Rocky mountain spotted fever								

Category	Diseases	Tokyo					Japan	
		3rd	4th	5th	6th	Cum 2020	6th	Cum 2020
V	Amebiasis	4	1	7	2	18	7	57
	Viral hepatitis(excluding hepatitis A and E)		1	1		2	3	19
	CRE infection		2	2		8	8	149
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)				1	1	1	4
	Acute encephalitis(excluding JE and WNE)	4	2	1		12	10	154
	Cryptosporidiosis							1
	Creutzfeldt-Jakob disease				1	1	2	14
	Severe invasive streptococcal infections(TSLS)	2	4	1	3	13	11	119
	Acquired immunodeficiency syndrome (AIDS)	6	12	9	9	38	7	98
	Giardiasis							1
	Invasive <i>Haemophilus influenzae</i> disease	1		1		7	12	80
	Invasive meningococcal disease					1		7
	Invasive pneumococcal disease	11	3	5	4	44	19	355
	Varicella (limited to hospitalized case)		6	1	1	9	4	49
	Congenital rubella syndrome							1
	Syphilis	31	32	32	29	157	57	574
	Disseminated cryptococcosis			1		1	1	11
	Tetanus		1			1	2	8
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection							10
Pertussis	17	28	15	21	90	145	885	
Rubella	2	1	3	1	7	3	37	
Measles		1			1		4	
MDRA infection							1	

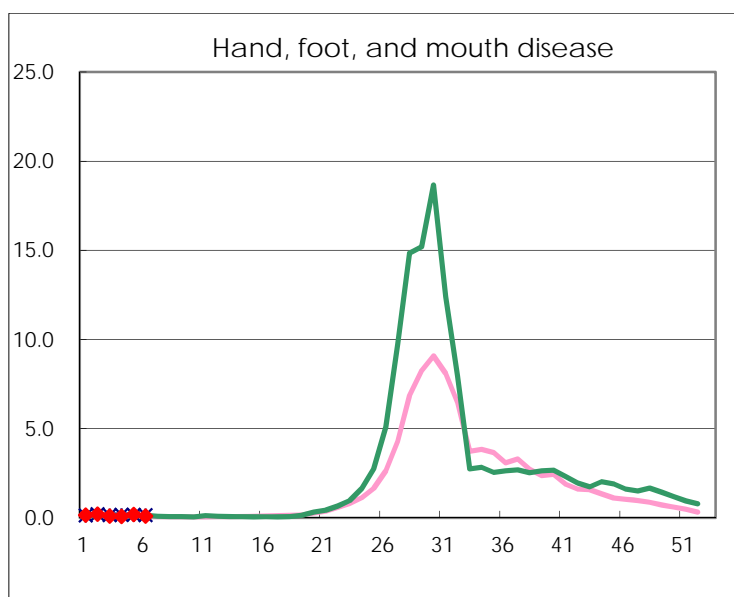
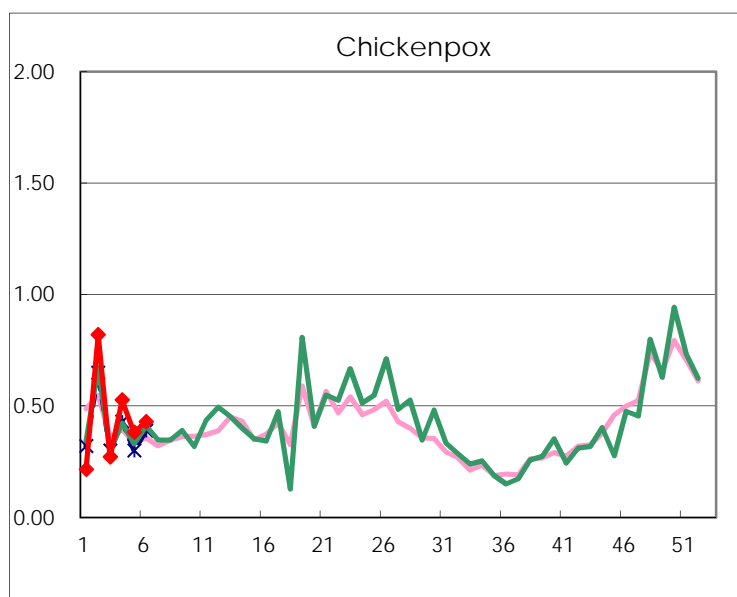
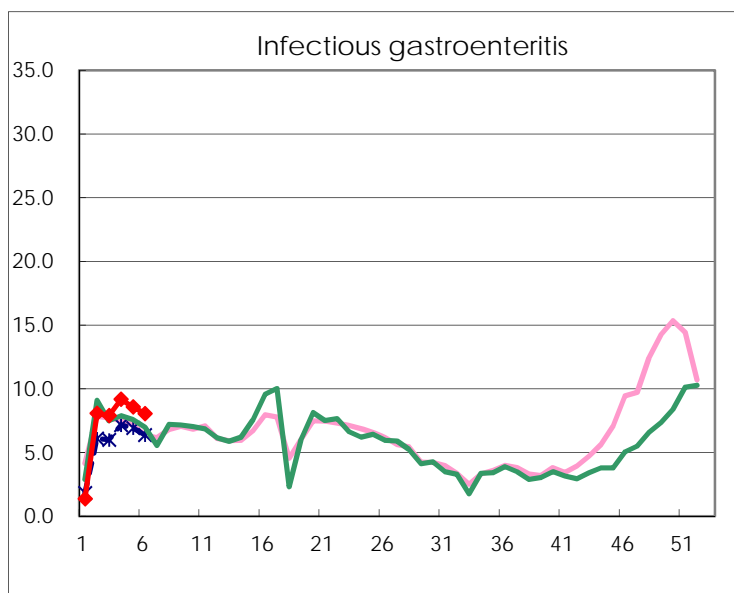
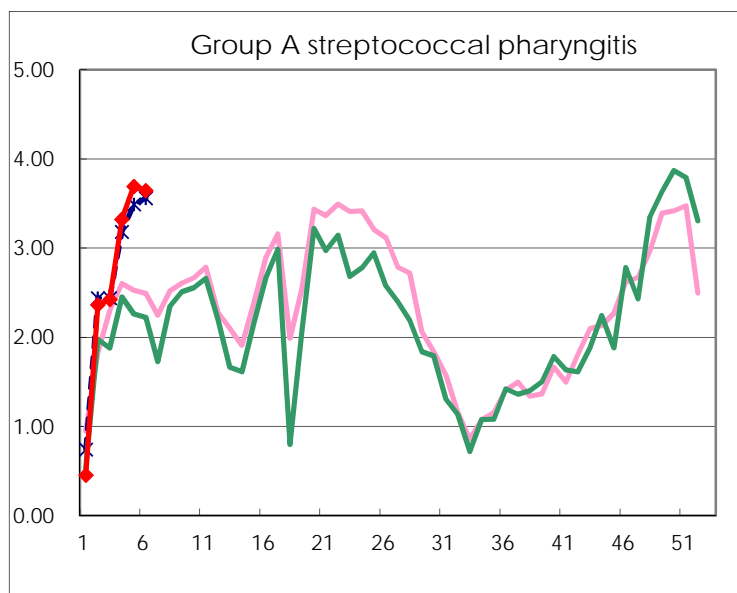
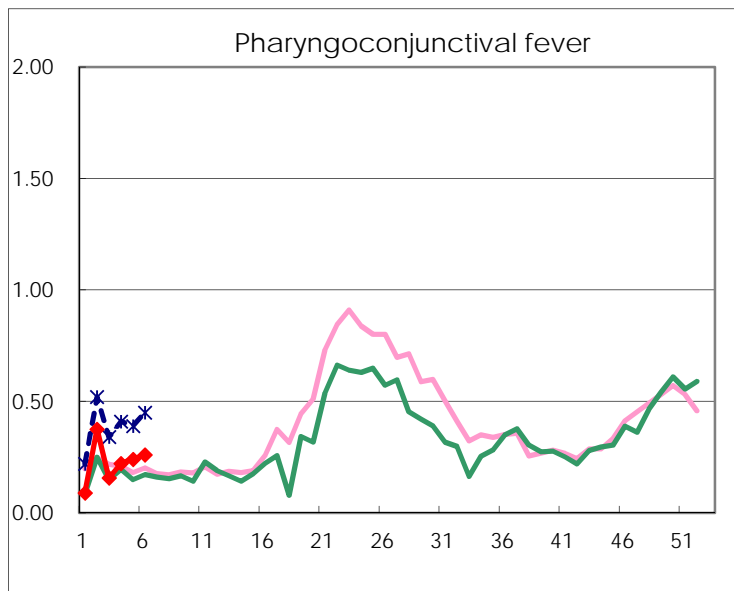
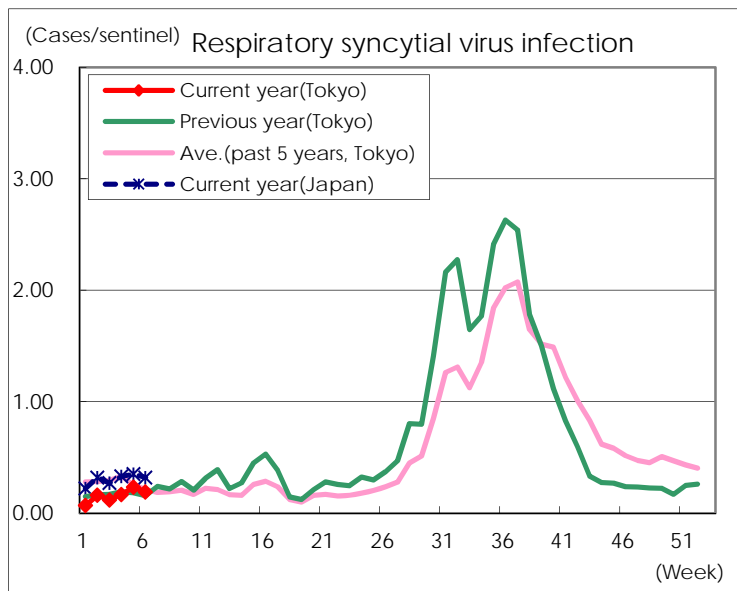
※ Designated infectious disease

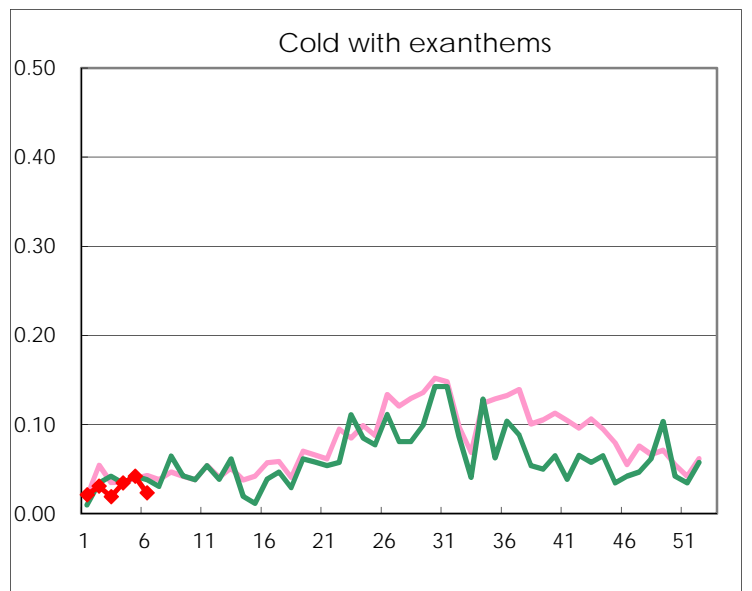
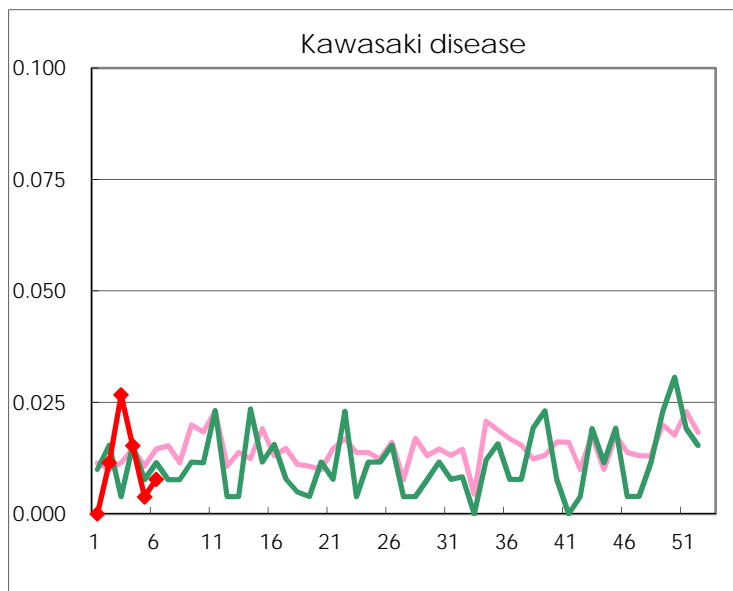
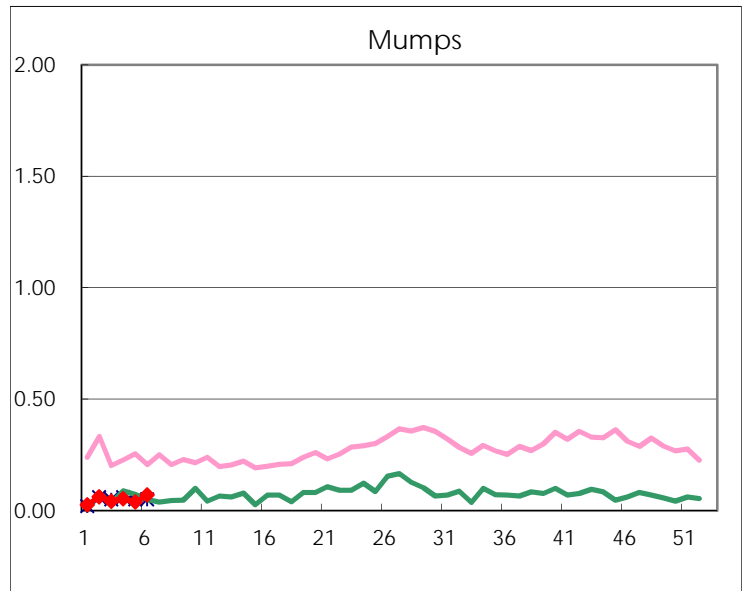
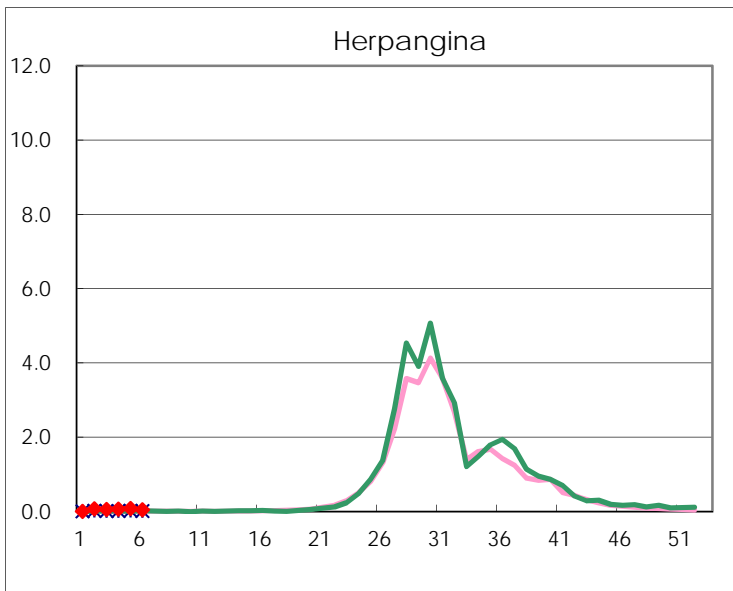
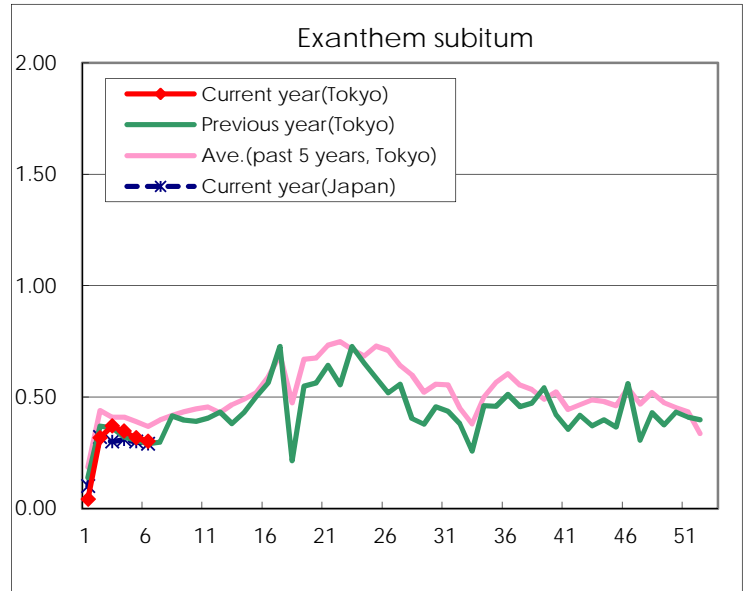
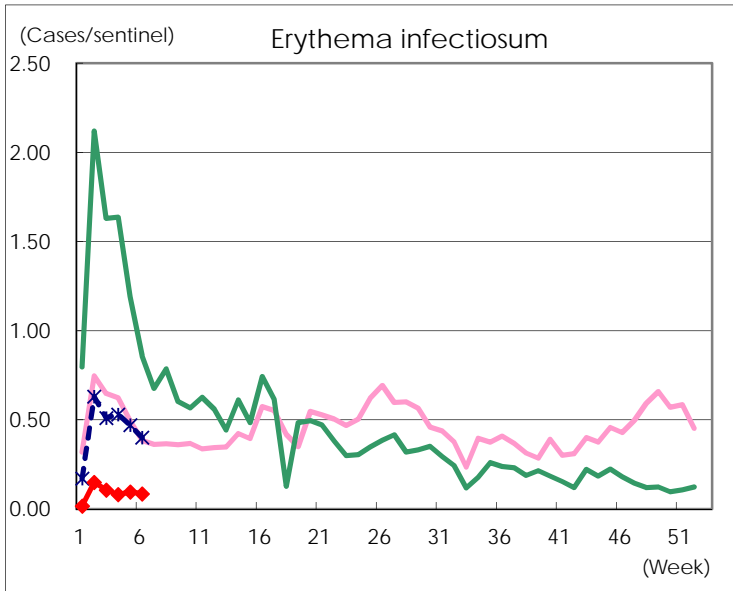
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

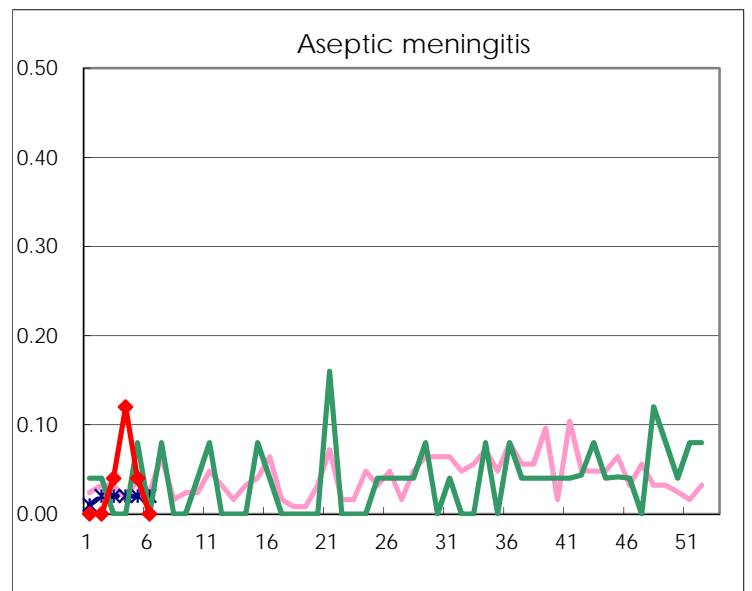
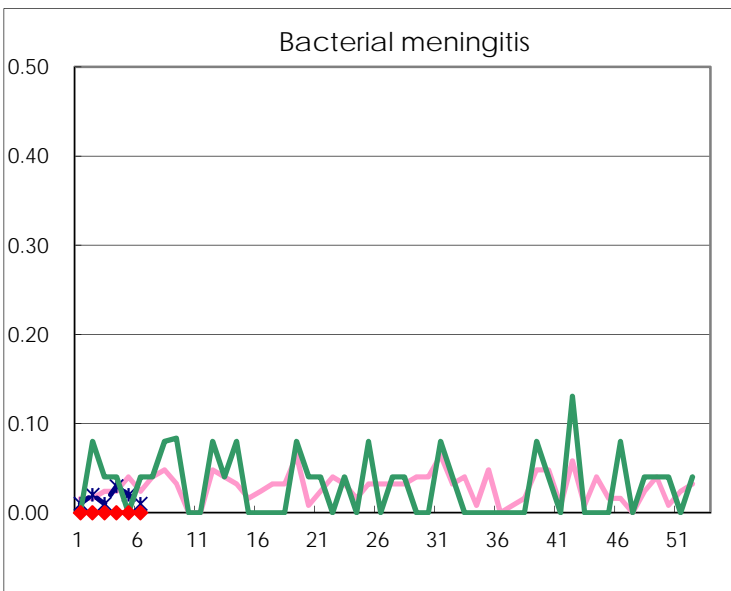
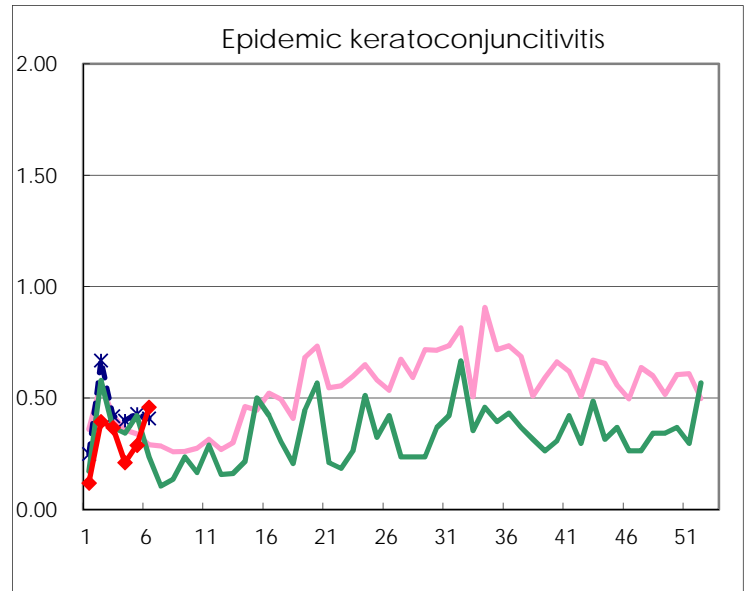
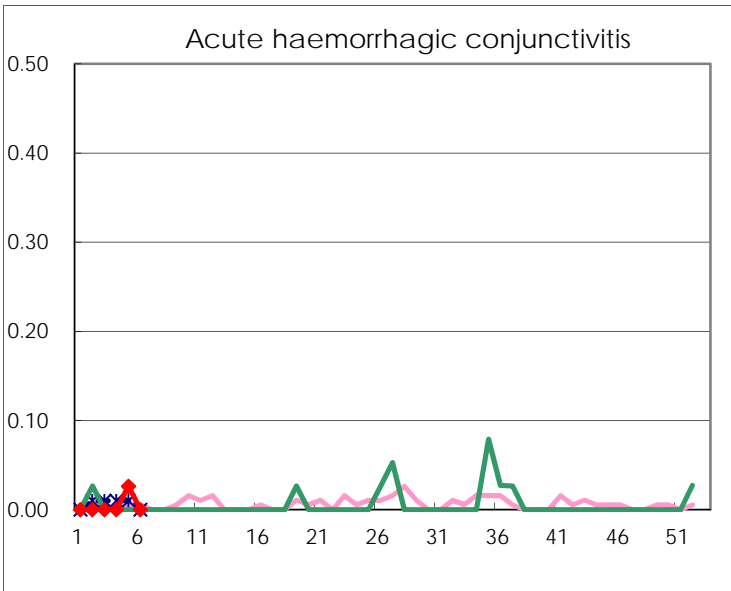
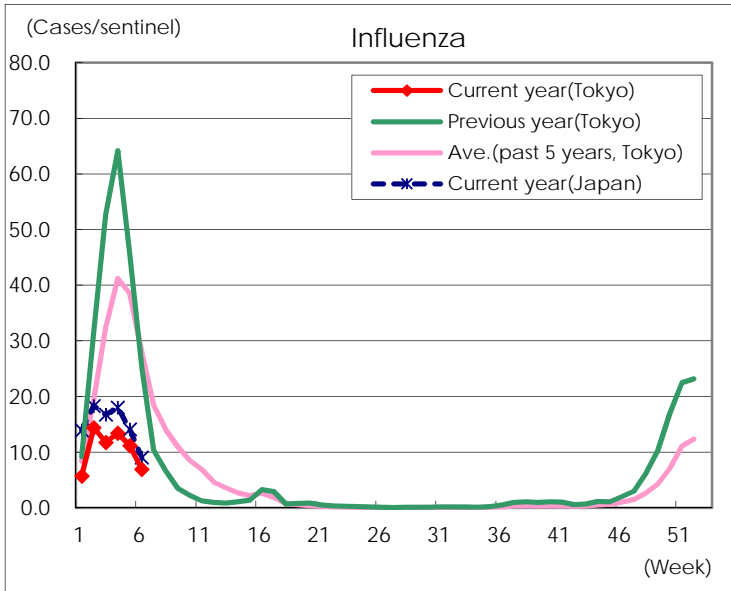
Diseases	Tokyo				
	3rd	4th	5th	6th	/sentinel
Respiratory syncytial virus infection	31	44	61	49	0.19
Pharyngoconjunctival fever	41	58	63	67	0.26
Group A streptococcal pharyngitis	635	870	967	940	3.64
Infectious gastroenteritis	2,065	2,402	2,243	2,078	8.05
Chickenpox	71	138	100	111	0.43
Hand, foot, and mouth disease	26	20	46	24	0.09
Erythema infectiosum	28	21	25	22	0.09
Exanthem subitum	97	91	83	78	0.30
Herpangina	15	19	22	13	0.05
Mumps	11	14	10	18	0.07
Kawasaki disease	7	4	1	2	0.01
Cold with exanthems	5	9	11	6	0.02
Influenza	4,889	5,586	4,653	2,818	6.89
Acute hemorrhagic conjunctivitis			1		
Epidemic keratoconjunctivitis	14	8	11	17	0.46
Bacterial meningitis					
Aseptic meningitis	1	3	1		
Mycoplasma pneumonia	8	16	8	5	0.21
Chlamydial pneumonia (excluding psittacosis)		1			
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations	60	56	39	16	0.67

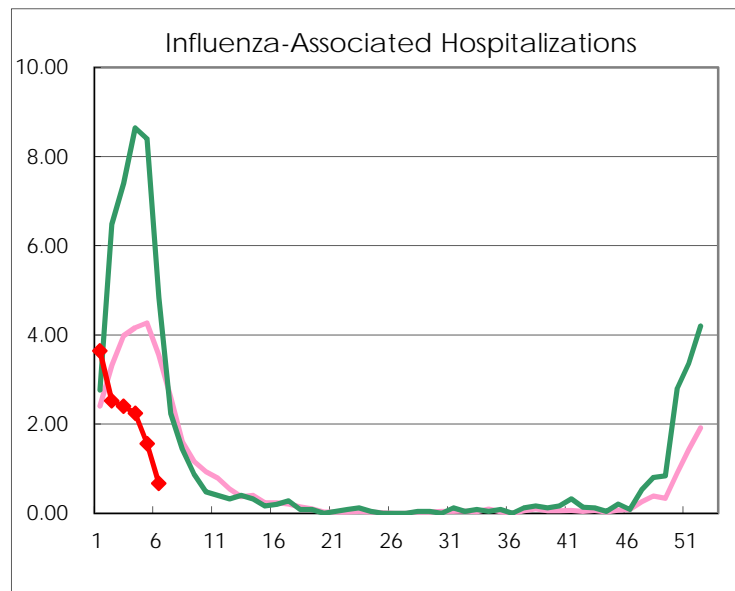
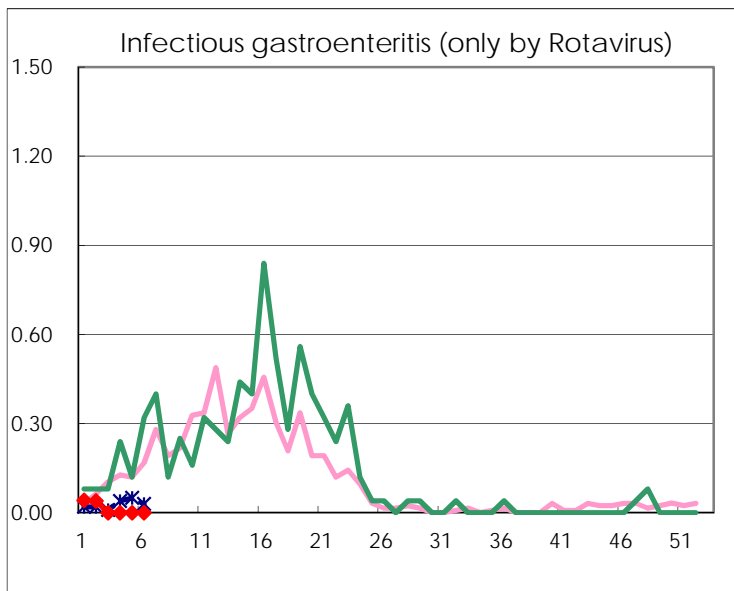
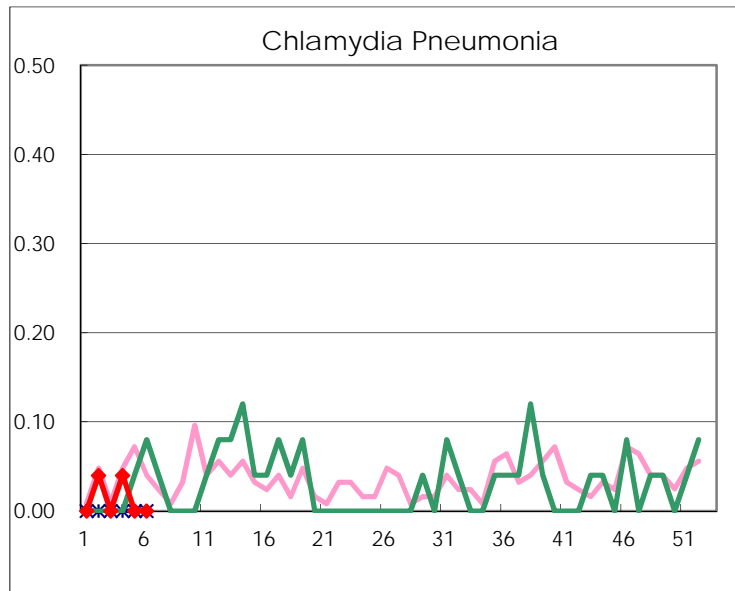
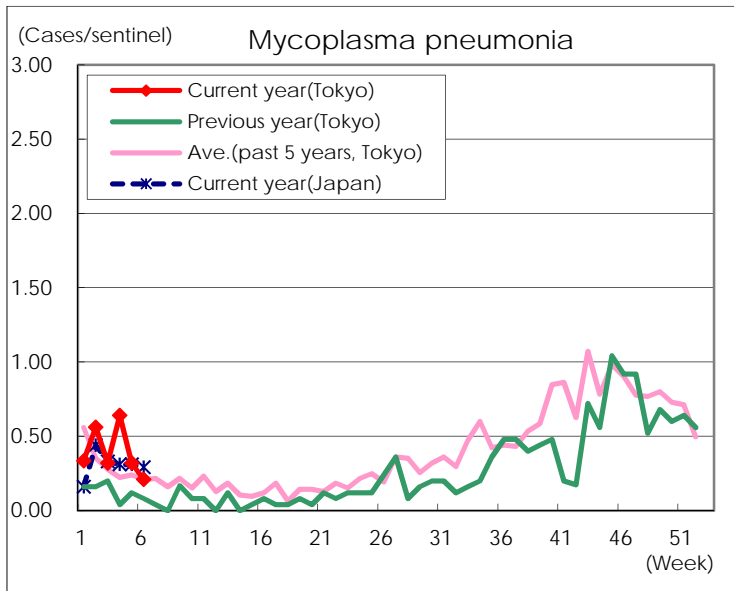
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	258
Influenza	419	409
Ophthalmic	39	37
Specially-designated	25	24