

## 6 February 2020 / Number 5

### 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	
		2nd	3rd	4th	5th	Cum 2020	5th	Cum 2020
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	62	52	50	42	208	305	1,421
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera							
	Shigellosis		3	1		4	1	13
	Enterohemorrhagic Escherichia coli infection		3	4	3	11	20	103
	Typhoid fever							2
	Paratyphoid fever				1	1		1
IV	Hepatitis E	5	2	1	3	11	6	43
	West Nile fever							
	Hepatitis A	4		3	1	8	2	21
	Echinococcosis							3
	Yellow fever							
	Psittacosis							1
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Zika virus infection							
	Severe Fever with Thrombocytopenia Syndrome							1
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							1
	Scrub typhus(Tsutsugamushi disease)	2		2		4	3	53
	Dengue fever	2	2	1		5	4	20
	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							
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism							
Malaria	1		1		2	1	5	
Tularemia								
Lyme disease							1	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	2	2	2	3	9	21	130	
Leptospirosis							1	
Rocky mountain spotted fever								

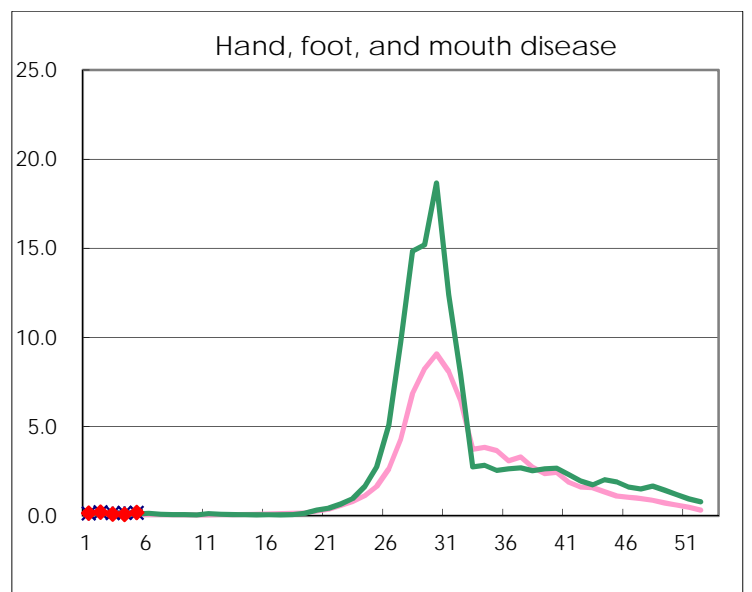
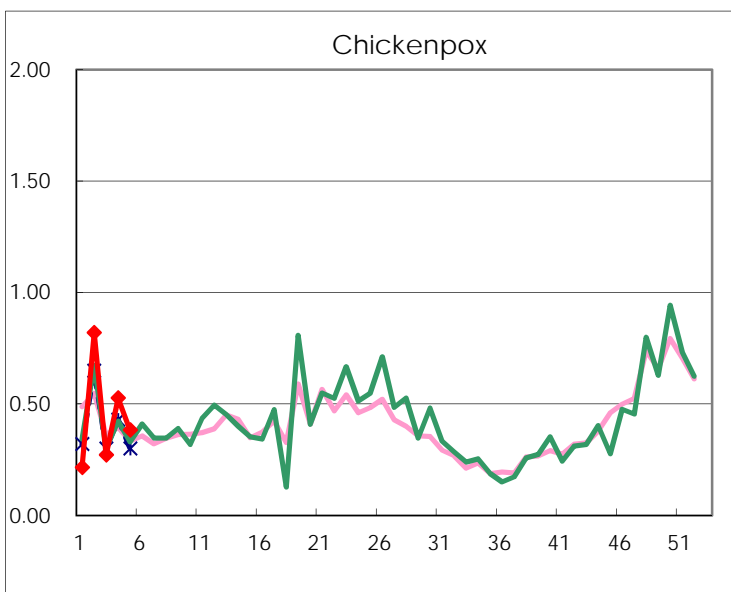
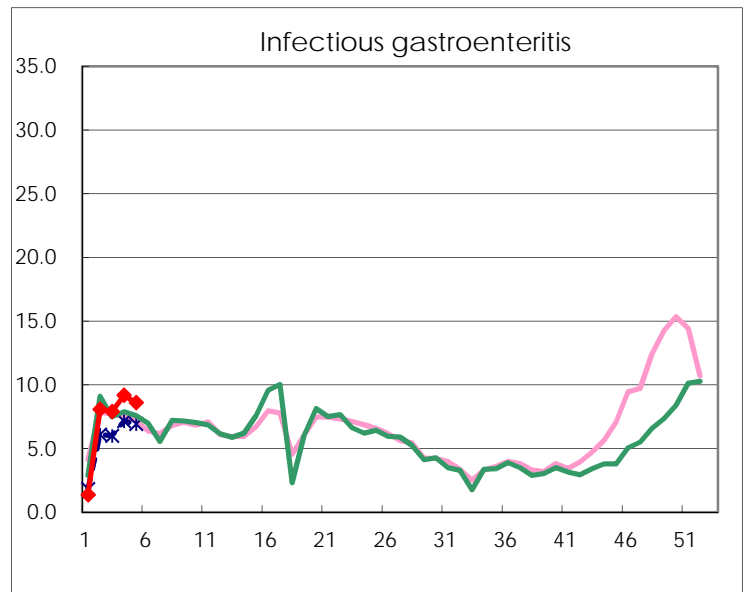
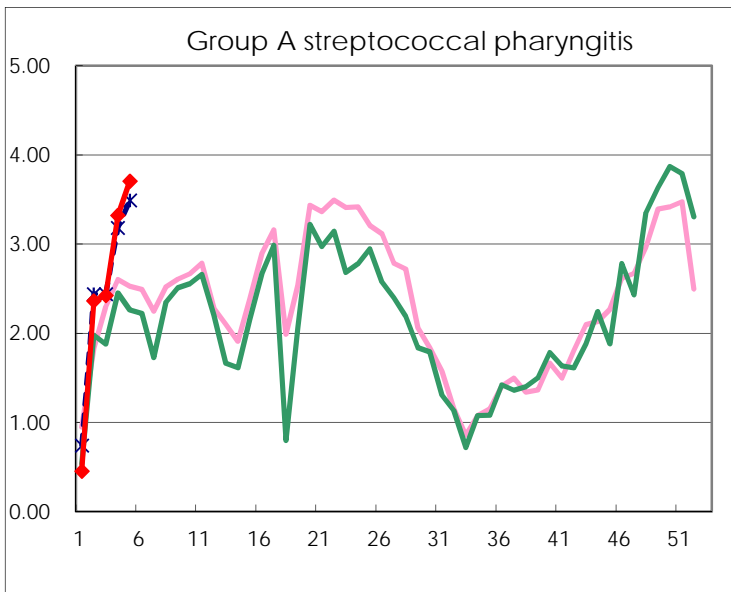
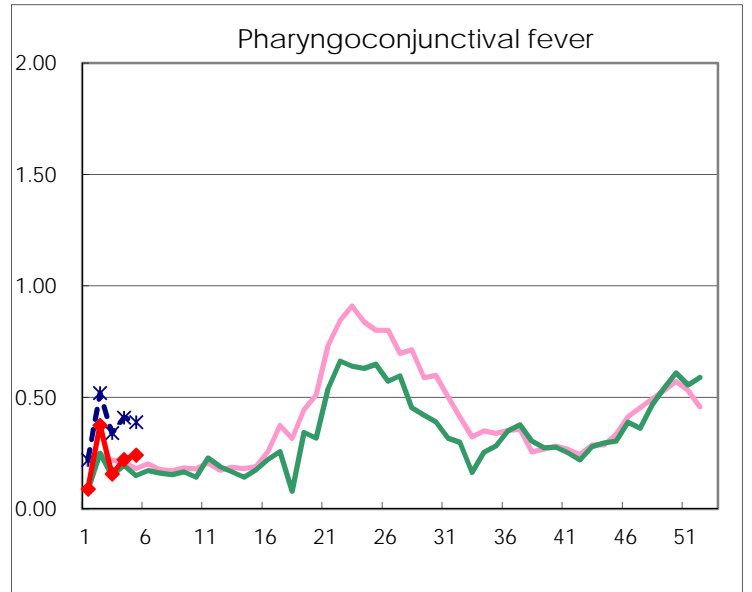
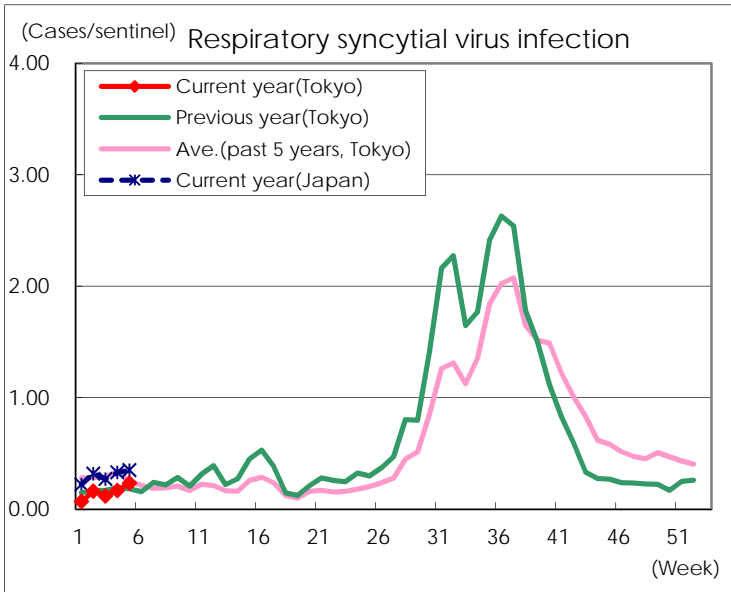
Category	Diseases	Tokyo					Japan	
		2nd	3rd	4th	5th	Cum 2020	5th	Cum 2020
V	Amebiasis	4	4	1	7	16	6	45
	Viral hepatitis(excluding hepatitis A and E)			1	1	2	1	13
	CRE infection	4		2	2	8	14	127
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)						1	2
	Acute encephalitis(excluding JE and WNE)	5	4	2	1	12	14	140
	Cryptosporidiosis						1	1
	Creutzfeldt-Jakob disease						1	11
	Severe invasive streptococcal infections(TSLs)	3	2	4	1	10	18	104
	Acquired immunodeficiency syndrome (AIDS)	2	6	12	9	29	15	75
	Giardiasis							1
	Invasive <i>Haemophilus influenzae</i> disease	3	1		1	7	5	67
	Invasive meningococcal disease	1				1		7
	Invasive pneumococcal disease	21	11	3	5	40	38	320
	Varicella (limited to hospitalized case)	1		6	1	8	3	40
	Congenital rubella syndrome							1
	Syphilis	33	31	32	32	128	88	460
	Disseminated cryptococcosis				1	1		9
	Tetanus			1		1		5
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection						1	9
	Pertussis	9	17	28	15	69	126	689
Rubella		2	1	3	6	2	33	
Measles			1		1	1	4	
MDRA infection								

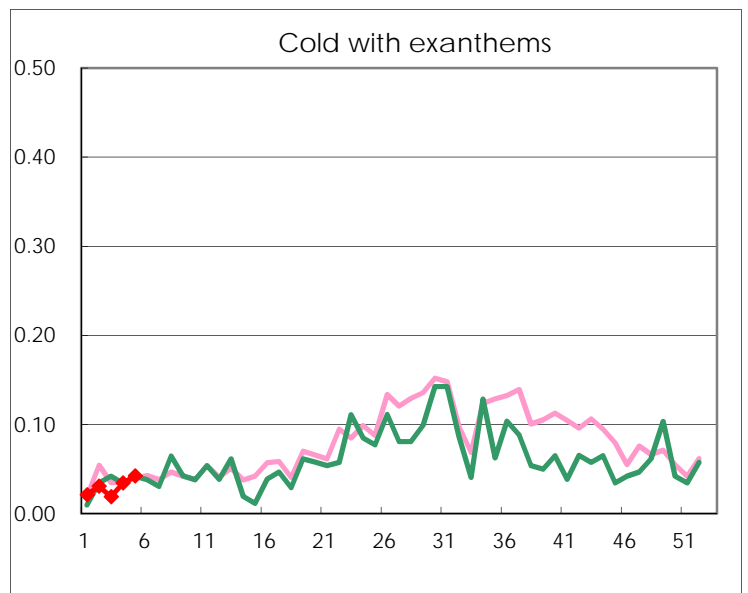
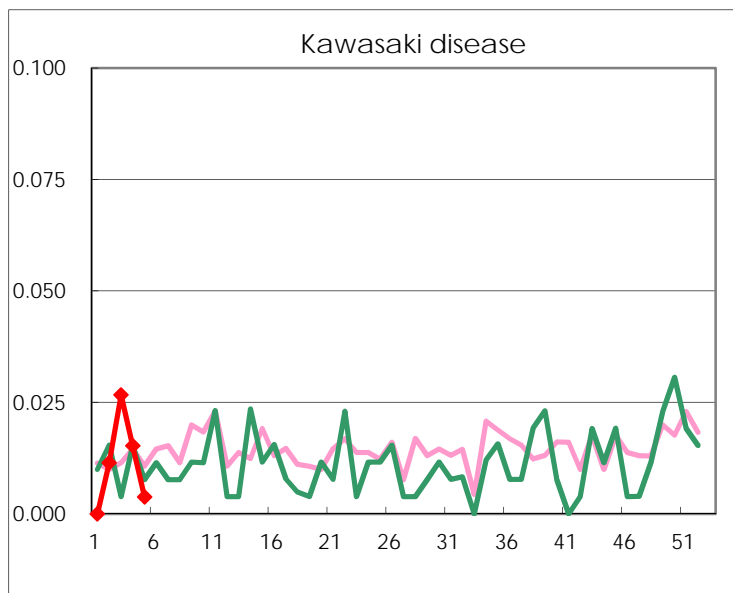
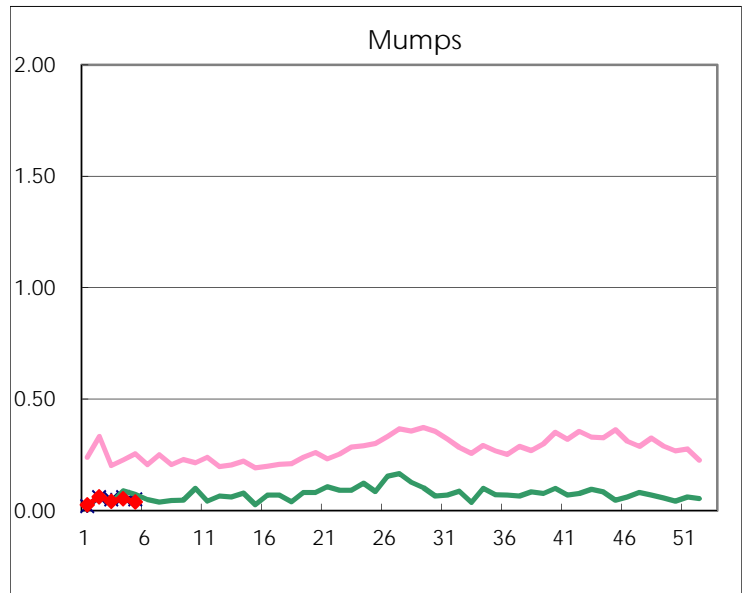
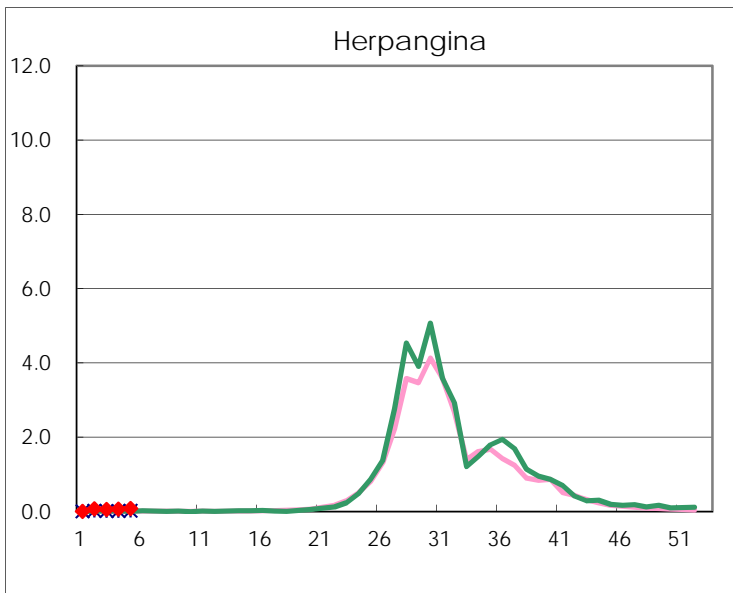
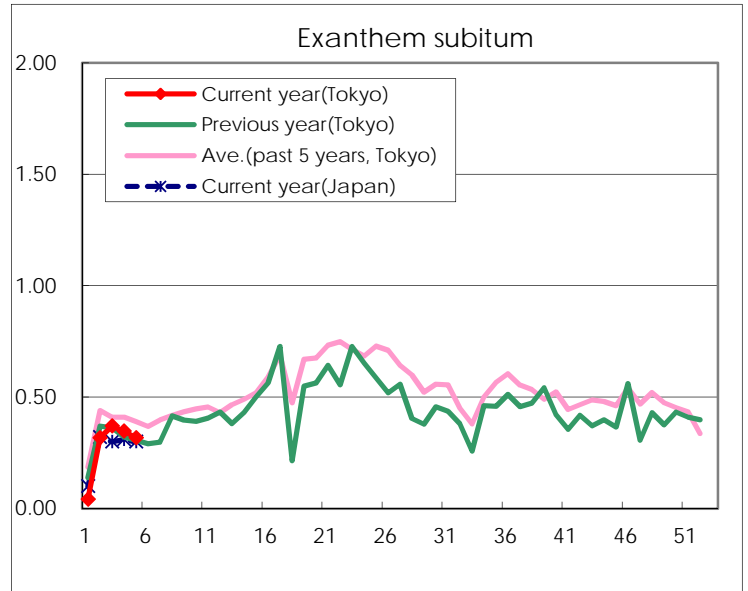
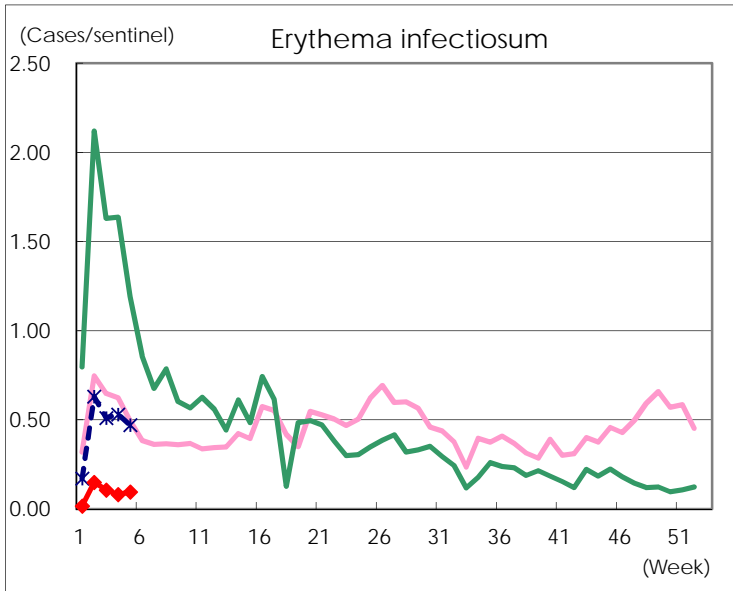
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

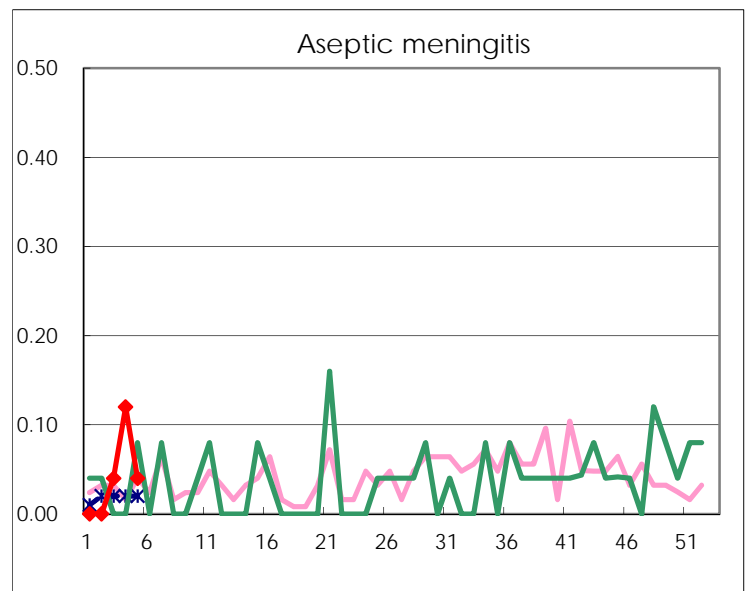
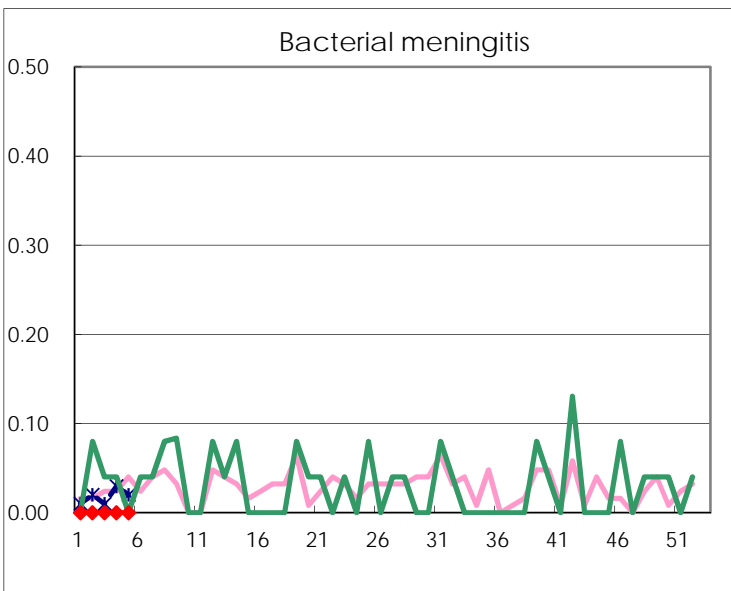
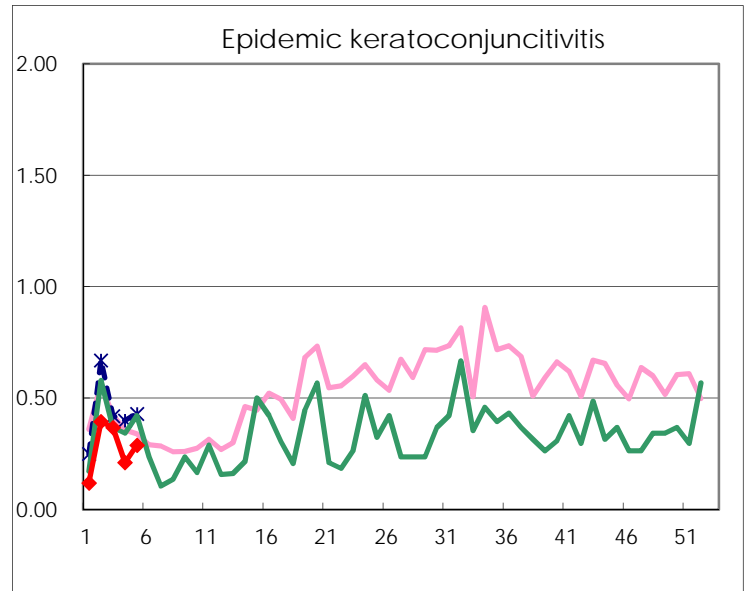
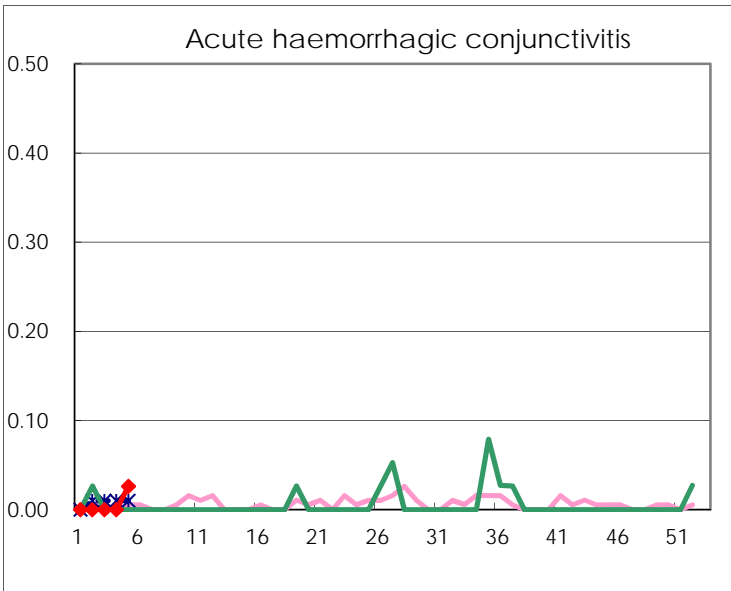
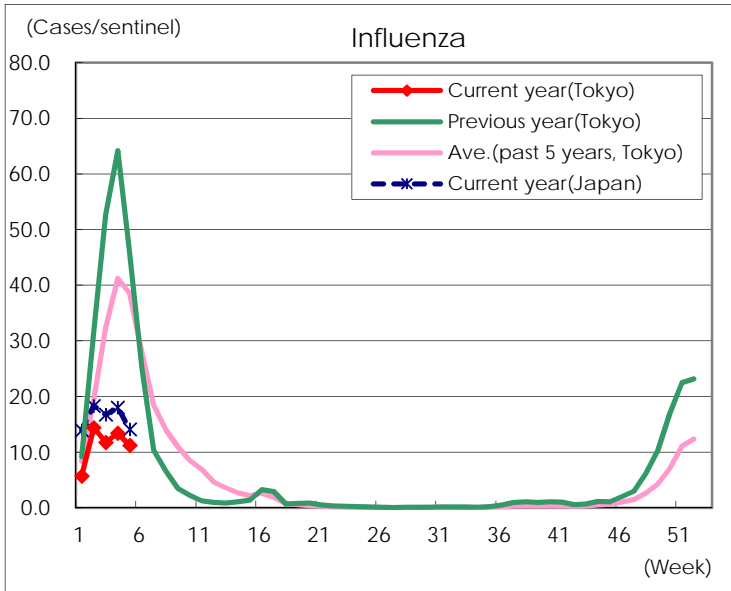
Diseases	Tokyo				
	2nd	3rd	4th	5th	/sentinel
Respiratory syncytial virus infection	42	31	44	61	0.23
Pharyngoconjunctival fever	98	41	58	63	0.24
Group A streptococcal pharyngitis	617	635	870	967	3.70
Infectious gastroenteritis	2,104	2,065	2,402	2,243	8.59
Chickenpox	214	71	138	100	0.38
Hand, foot, and mouth disease	53	26	20	46	0.18
Erythema infectiosum	39	28	21	25	0.10
Exanthem subitum	83	97	91	83	0.32
Herpangina	20	15	19	22	0.08
Mumps	16	11	14	10	0.04
Kawasaki disease	3	7	4	1	
Cold with exanthems	8	5	9	11	0.04
Influenza	6,000	4,889	5,586	4,651	11.21
Acute hemorrhagic conjunctivitis				1	0.03
Epidemic keratoconjunctivitis	15	14	8	11	0.29
Bacterial meningitis					
Aseptic meningitis		1	3	1	0.04
<i>Mycoplasma pneumoniae</i>	14	8	16	8	0.32
Chlamydial pneumonia (excluding psittacosis)	1		1		
Infectious gastroenteritis (only by Rotavirus)	1				
Influenza-Associated Hospitalizations	63	60	56	38	1.58

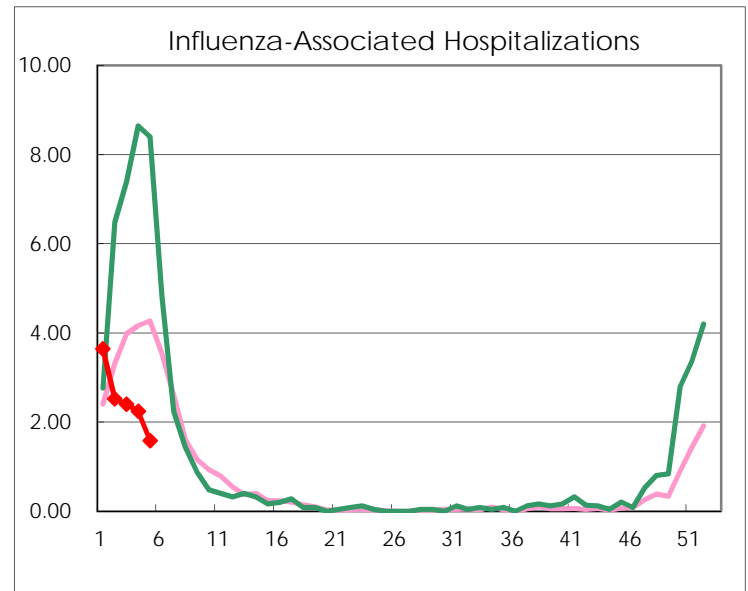
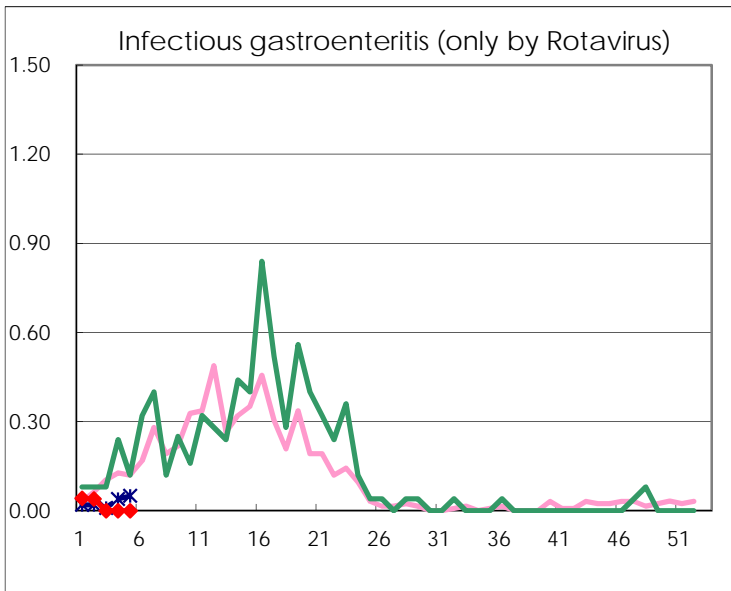
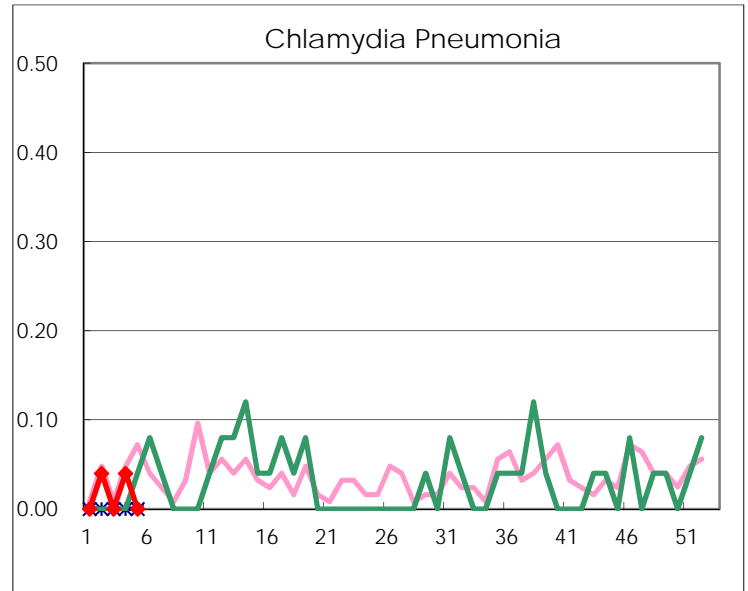
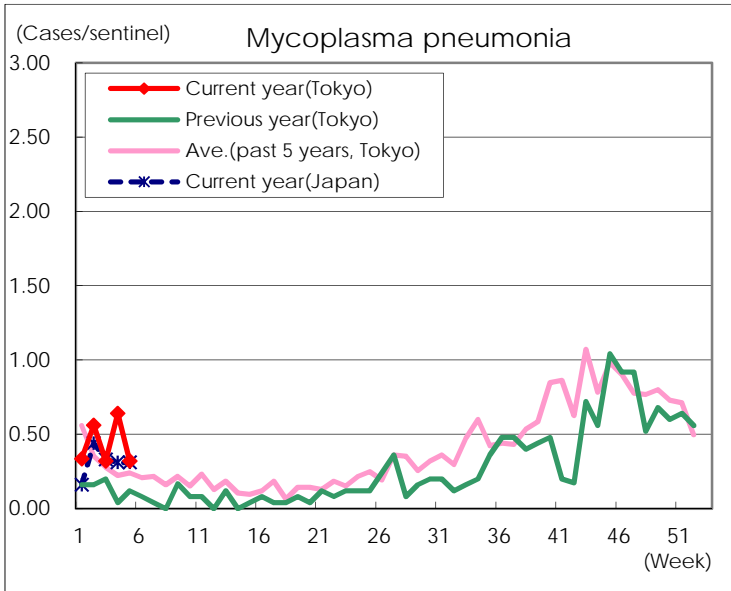
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	261
Influenza	419	415
Ophthalmic	39	38
Specially-designated	25	25