

**21 February 2019 / Number 7**

## 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	
		4th	5th	6th	7th	Cum 2019	7th	Cum 2019
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	50	49	56	43	328	288	2,315
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera							
	Shigellosis					2		8
	Enterohemorrhagic Escherichia coli infection	4	4			14	23	135
	Typhoid fever	1				1		5
	Paratyphoid fever			1		1		3
IV	Hepatitis E	2	3	1	2	12	4	49
	West Nile fever							
	Hepatitis A	1	1	2	1	9	8	78
	Echinococcosis							1
	Yellow fever							
	Psittacosis							2
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							1
	Monkeypox							
	Zika virus infection							
	Severe Fever with Thrombocytopenia Syndrome							1
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							
	Scrub typhus(Tsutsugamushi disease)						1	38
	Dengue fever	1	2		2	16	4	36
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						2	4
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							
	Venezuelan equine encephalitis							
	Hendra virus infection							
Epidemic typhus								
Botulism								
Malaria					2	1	5	
Tularemia								
Lyme disease								
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	2	7	3	1	23	22	189	
Leptospirosis								
Rocky mountain spotted fever								

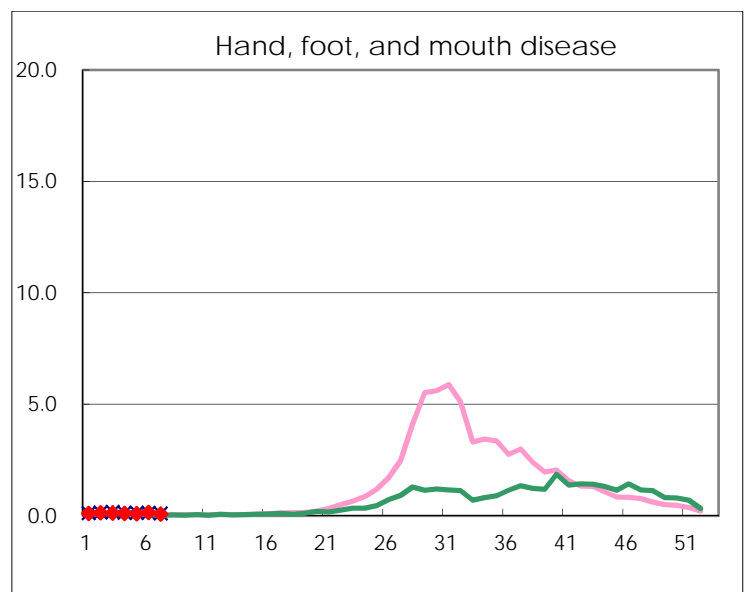
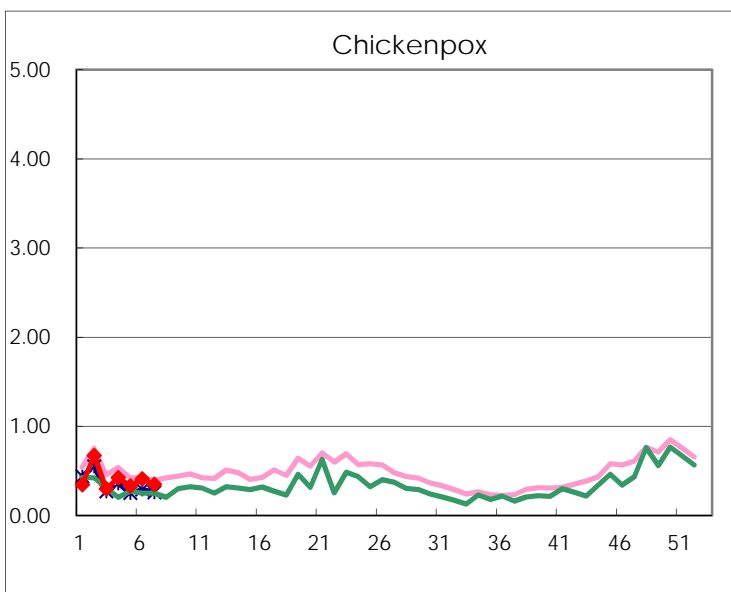
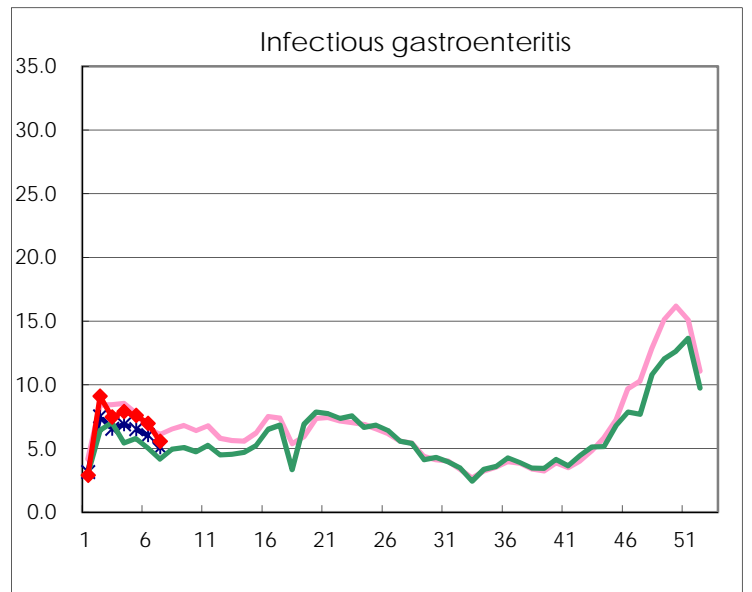
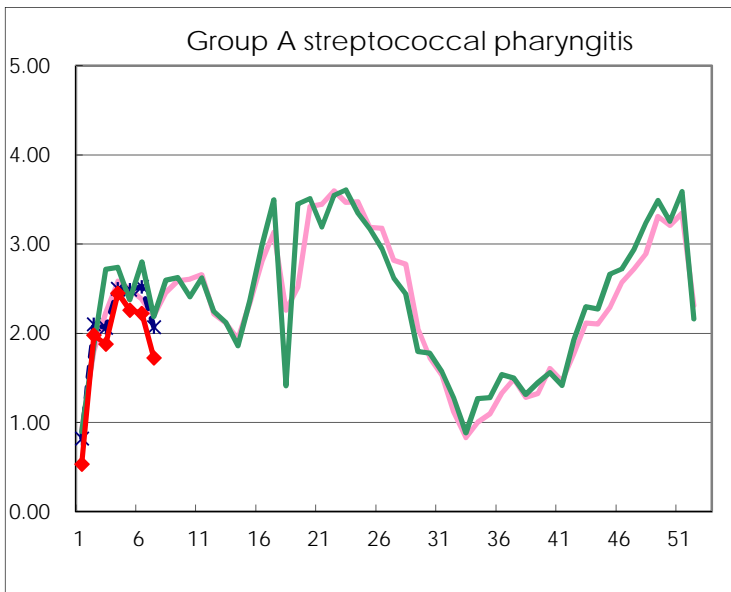
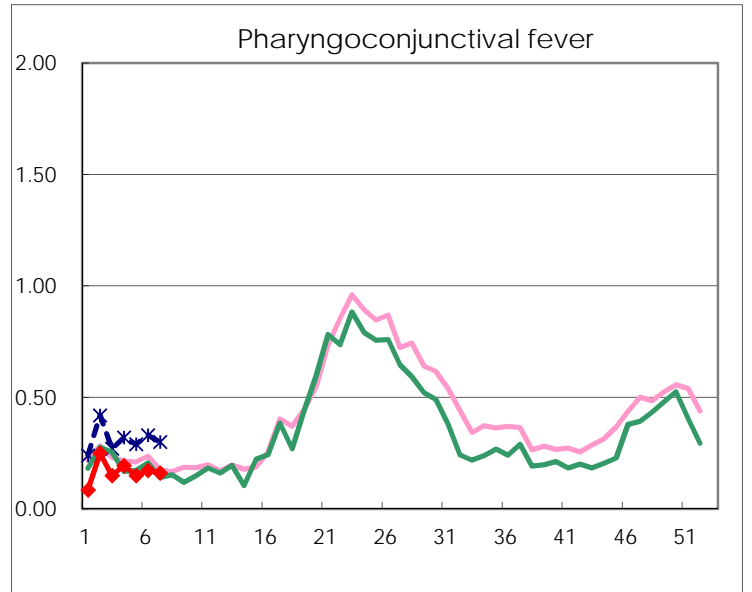
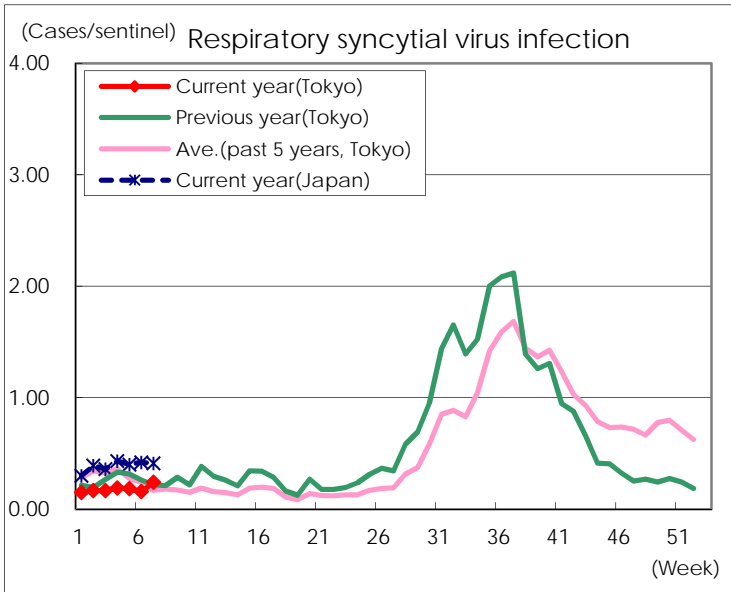
Category	Diseases	Tokyo					Japan	
		4th	5th	6th	7th	Cum 2019	7th	Cum 2019
V	Amebiasis	3	5	5		20	8	92
	Viral hepatitis(excluding hepatitis A and E)		2	3	1	9	1	41
	CRE infection	3	4		3	24	26	252
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)						2	10
	Acute encephalitis(excluding JE and WNE)	6	5	4	4	30	13	253
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease		2		2	5	3	19
	Severe invasive streptococcal infections(TSLs)	2	1	4	1	16	10	137
	Acquired immunodeficiency syndrome (AIDS)	10	11	7	12	51	16	123
	Giardiasis					1	3	5
	Invasive <i>Haemophilus influenzae</i> disease	3	3	1	1	18	4	104
	Invasive meningococcal disease		1			1	1	10
	Invasive pneumococcal disease	11	15	6	7	76	33	556
	Varicella (limited to hospitalized case)	3		2	1	7	3	49
	Congenital rubella syndrome							1
	Syphilis	34	33	31	38	215	69	690
	Disseminated cryptococcosis		1			2	1	15
	Tetanus						1	5
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection							10
	Pertussis	51	66	40	32	296	194	1,981
Rubella	23	24	26	13	147	65	528	
Measles	3	1		3	14	48	222	
MDRA infection		1			2		4	

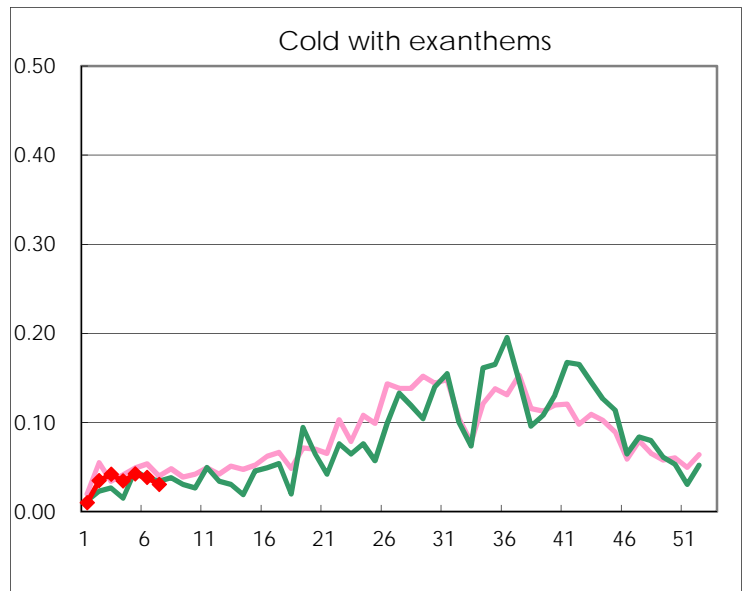
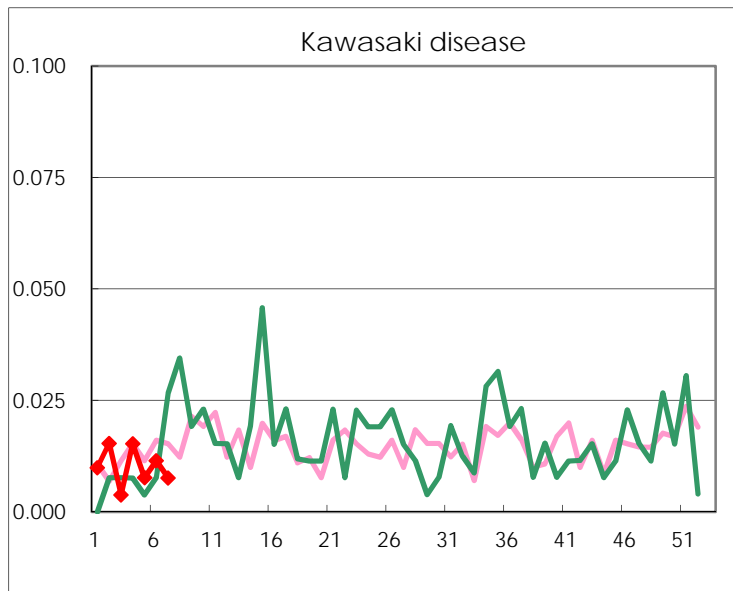
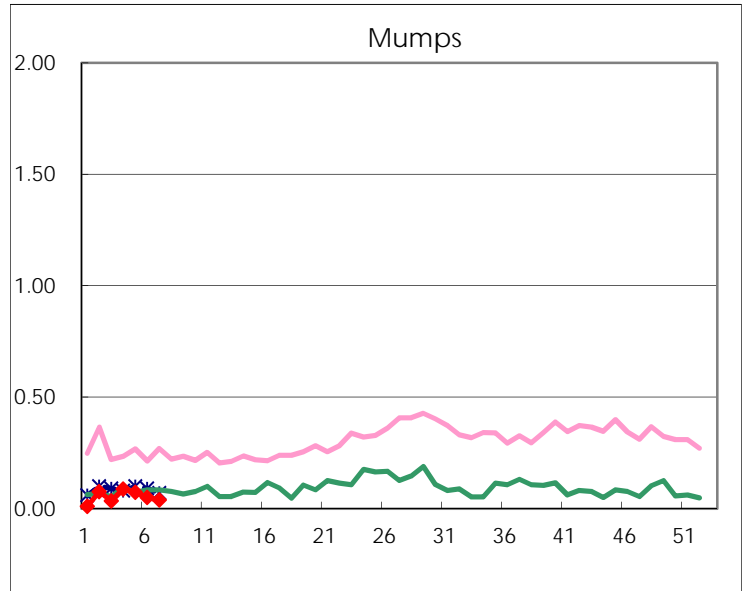
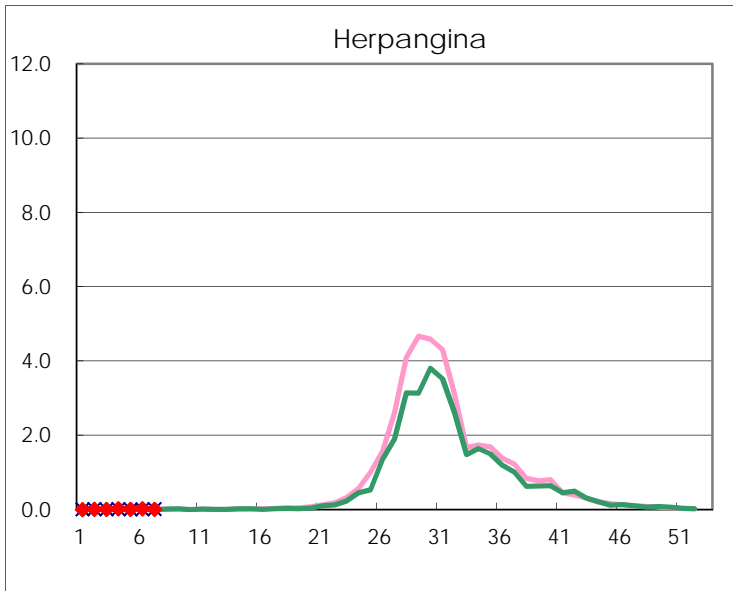
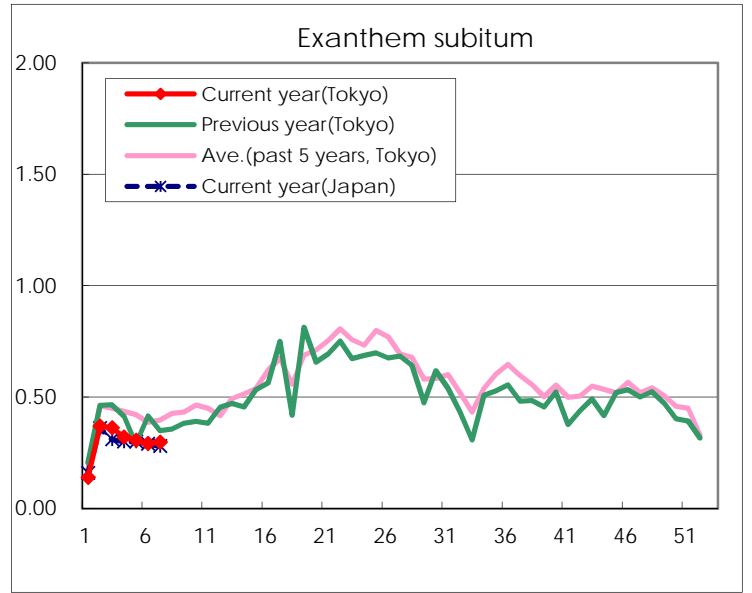
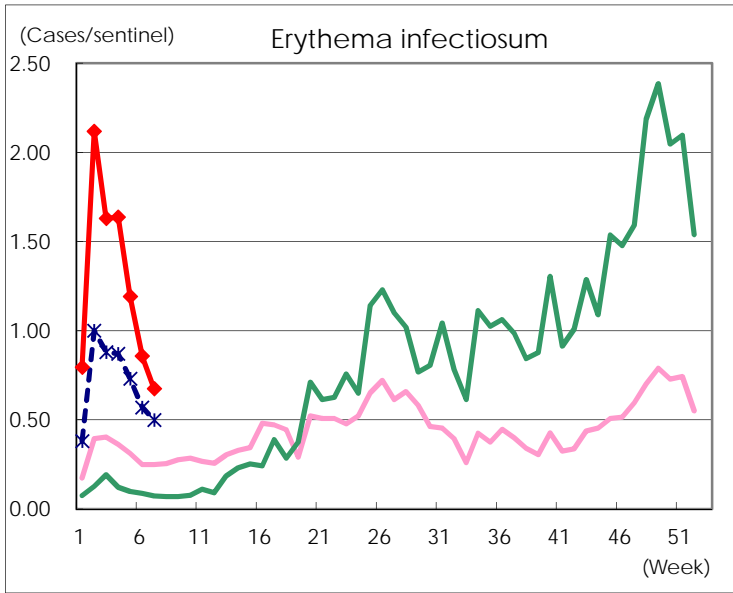
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

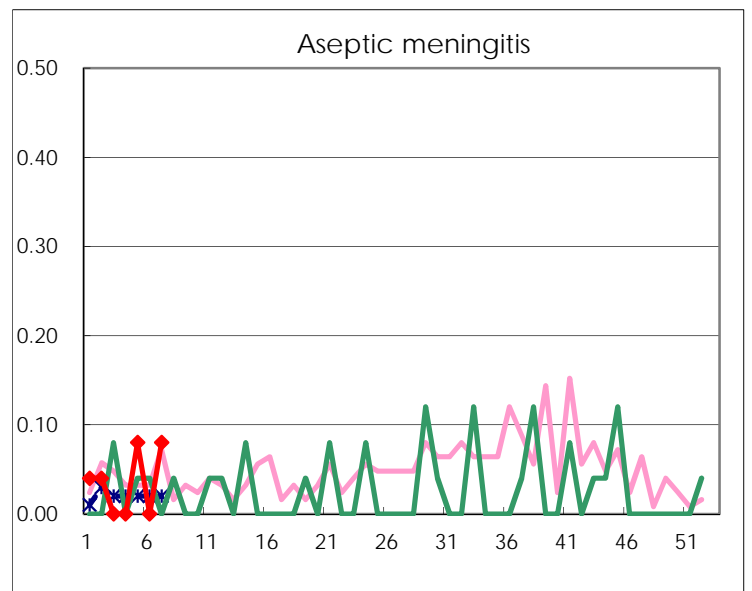
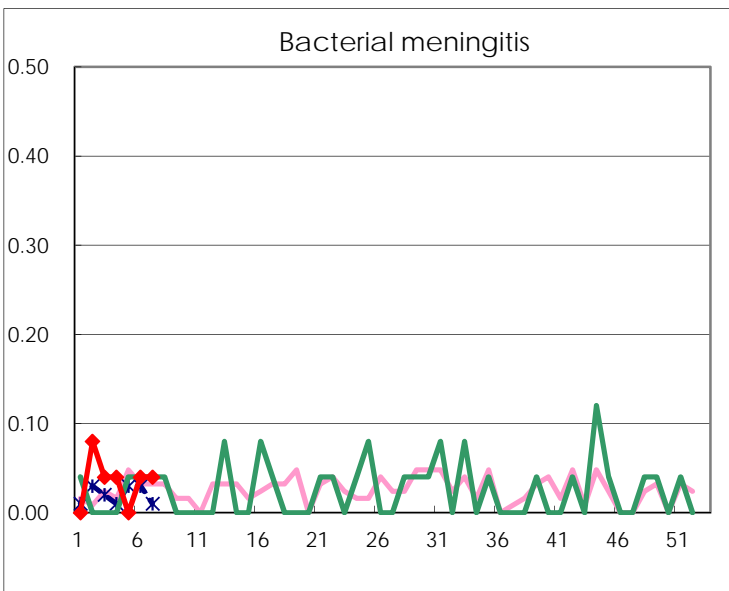
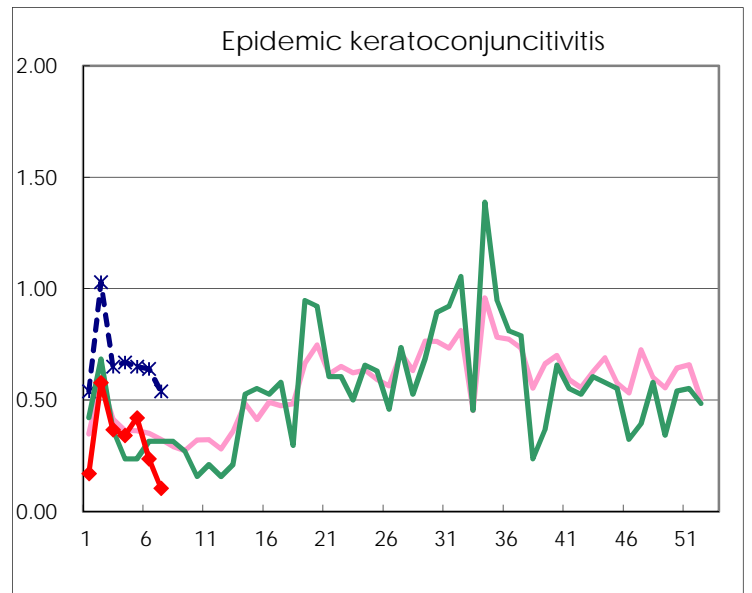
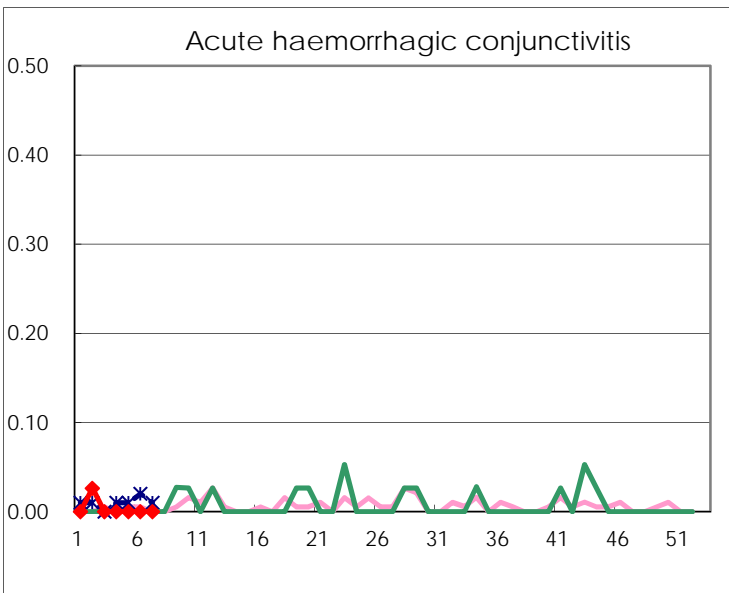
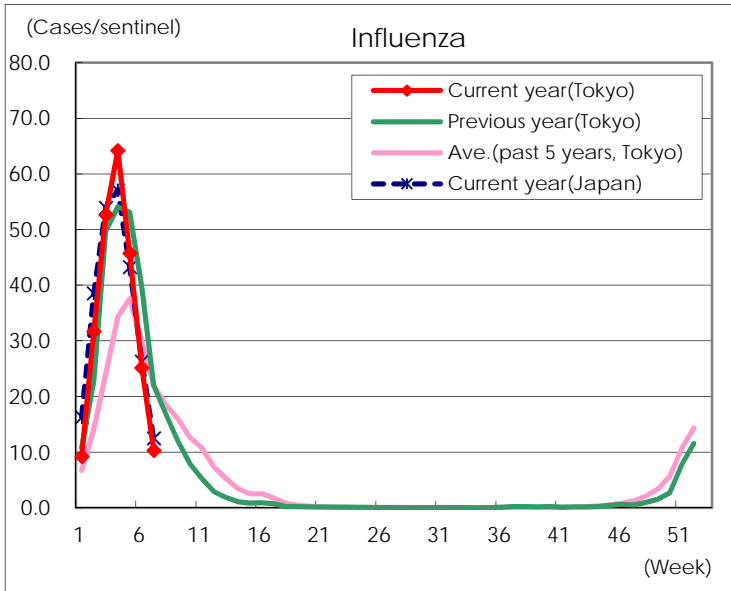
Diseases	Tokyo				
	4th	5th	6th	7th	/sentinel
Respiratory syncytial virus infection	50	48	41	63	0.24
Pharyngoconjunctival fever	51	39	45	42	0.16
Group A streptococcal pharyngitis	642	590	580	452	1.73
Infectious gastroenteritis	2,067	1,981	1,819	1,453	5.55
Chickenpox	111	86	107	91	0.35
Hand, foot, and mouth disease	28	24	37	20	0.08
Erythema infectiosum	429	311	224	177	0.68
Exanthem subitum	84	80	76	78	0.30
Herpangina	6	2	6	3	0.01
Mumps	23	19	13	10	0.04
Kawasaki disease	4	2	3	2	0.01
Cold with exanthems	9	11	10	8	0.03
Influenza	26,635	18,926	10,421	4,281	10.32
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	13	16	9	4	0.11
Bacterial meningitis	1		1	1	0.04
Aseptic meningitis		2		2	0.08
<i>Mycoplasma pneumoniae</i>	1	3	2	2	0.08
Chlamydial pneumonia (excluding psittacosis)		1	2	1	0.04
Infectious gastroenteritis (only by Rotavirus)	6	3	8	9	0.36
Influenza-Associated Hospitalizations	216	210	121	56	2.24

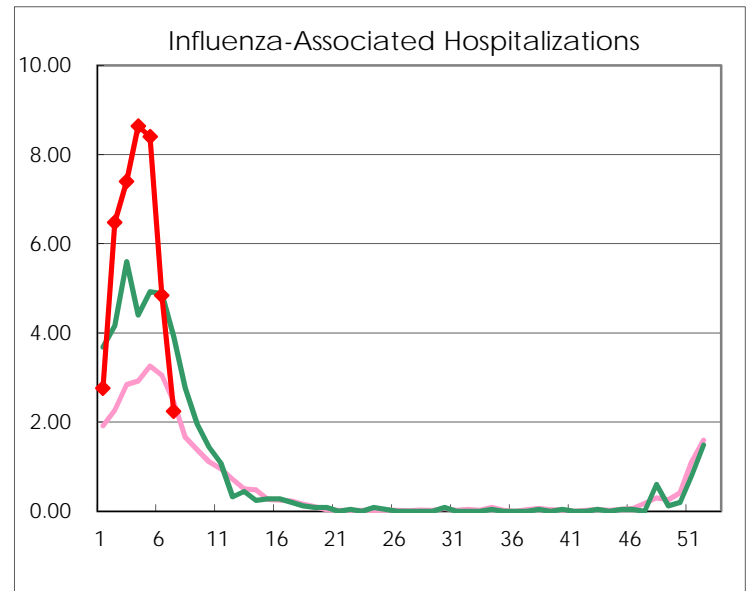
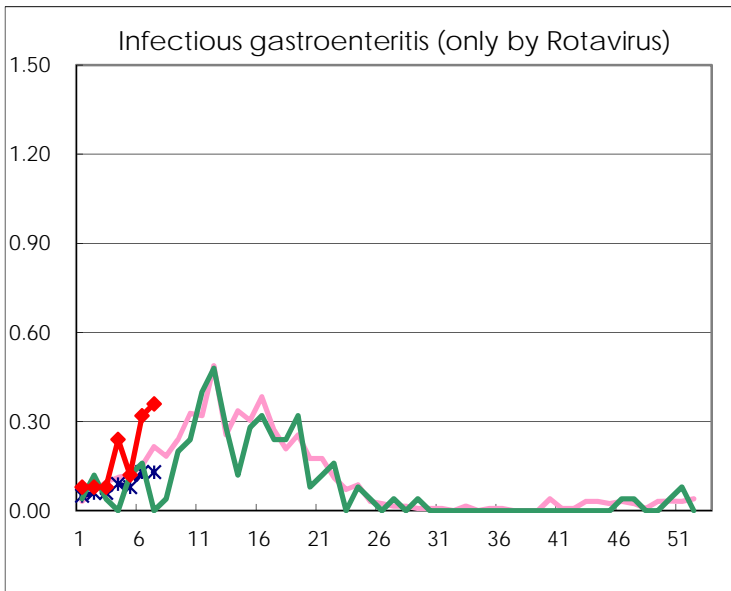
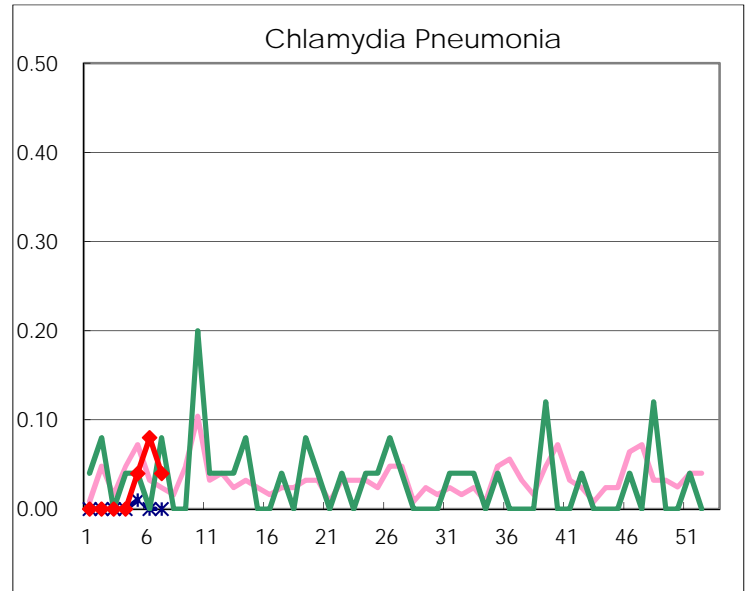
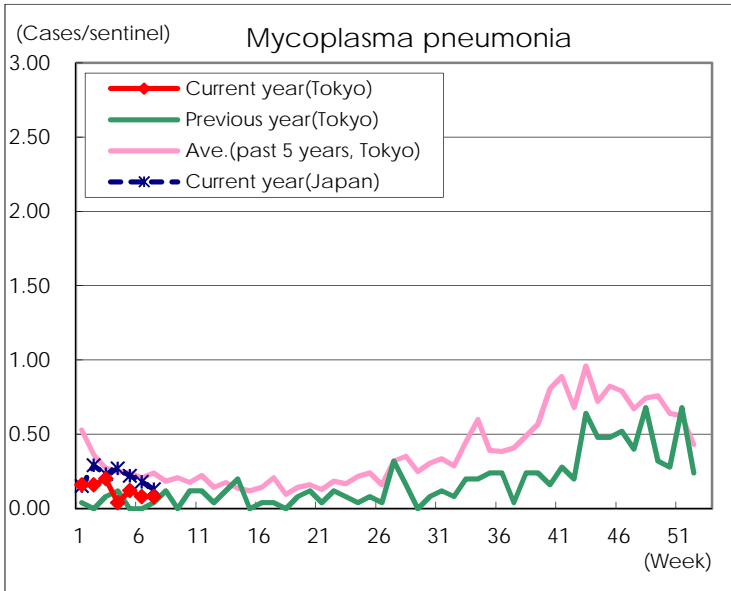
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	262
Influenza	419	415
Ophthalmic	39	38
Specially-designated	25	25