

13 April 2017 / Number 14

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	
		11th	12th	13th	14th	Cum 2017	14th	Cum 2017
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	53	54	53	58	860	267	5,516
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera							
	Shigellosis			1	1	12	4	43
	Enterohemorrhagic Escherichia coli infection	2	2	6	2	23	17	204
	Typhoid fever					1	1	7
	Paratyphoid fever			1		2		4
IV	Hepatitis E	2	1			16	5	100
	West Nile fever							
	Hepatitis A	6		1	1	26	4	67
	Echinococcosis							9
	Yellow fever							
	Psittacosis						2	4
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Zika virus infection							1
	Severe Fever with Thrombocytopenia Syndrome						1	2
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							1
	Scrub typhus(Tsutsugamushi disease)					2		39
	Dengue fever	2	1	1	3	15	7	60
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever							5
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							1
	Venezuelan equine encephalitis							
Hendra virus infection								
Epidemic typhus								
Botulism					1		1	
Malaria	1		1		4		10	
Tularemia								
Lyme disease							1	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis		2	4	2	34	28	319	
Leptospirosis					1		2	
Rocky mountain spotted fever								

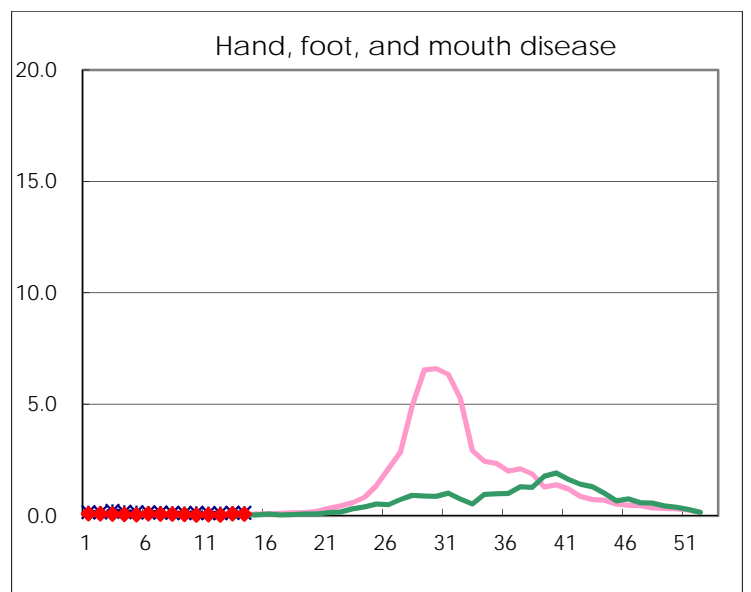
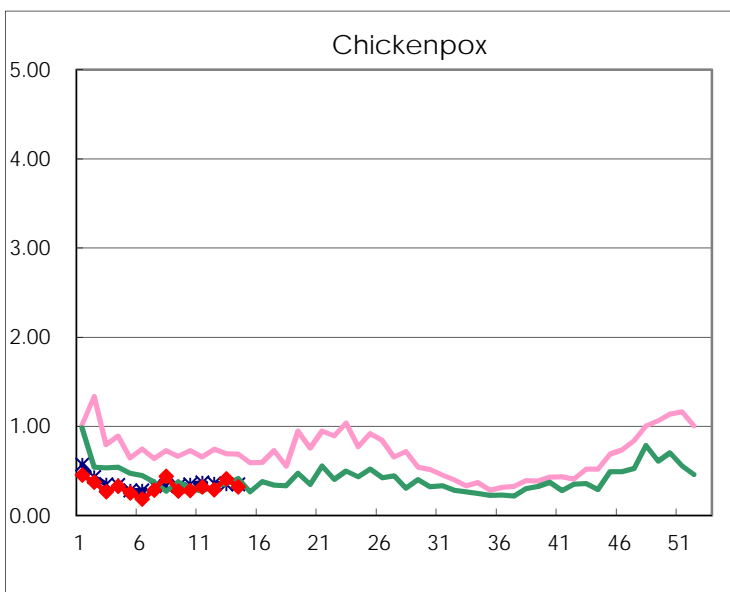
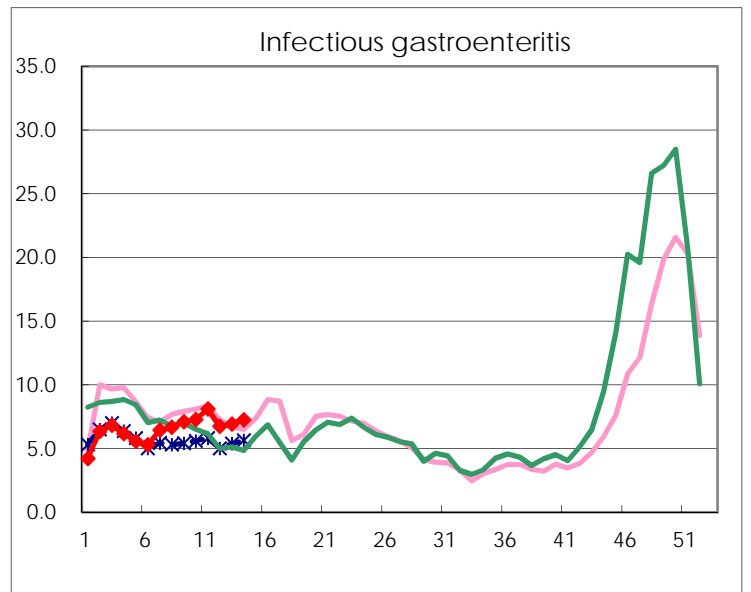
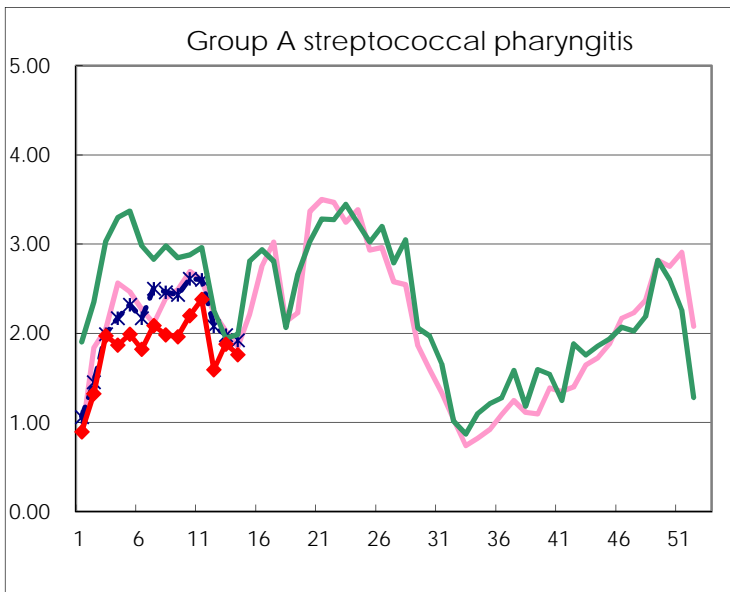
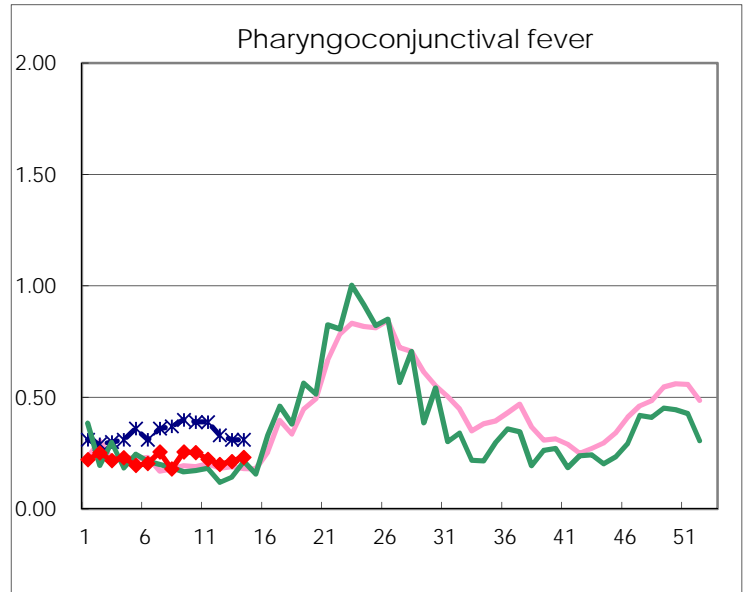
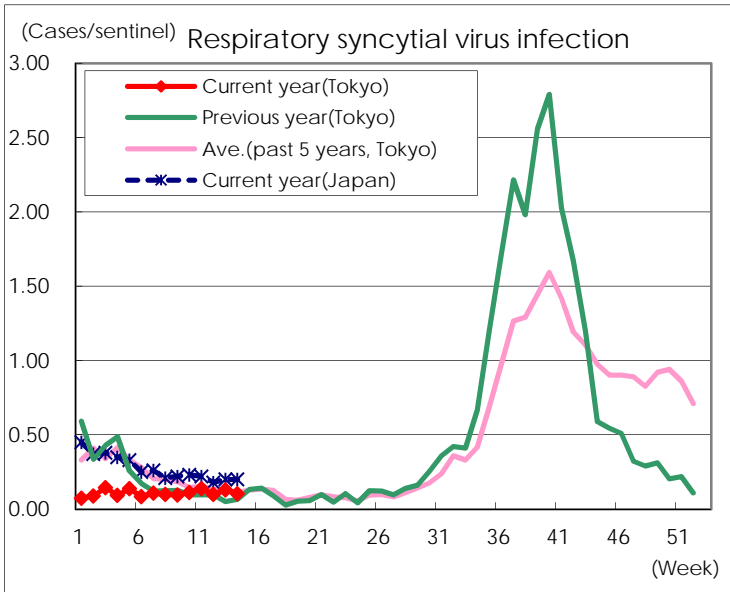
Category	Diseases	Tokyo					Japan	
		11th	12th	13th	14th	Cum 2017	14th	Cum 2017
V	Amebiasis	5	3	6	2	62	7	289
	Viral hepatitis(excluding hepatitis A and E)	1	5		1	16	2	74
	CRE infection	5	2	6	4	48	14	372
	Acute encephalitis(excluding JE and WNE)	3	1	1		21	7	214
	Cryptosporidiosis						1	1
	Creutzfeldt-Jakob disease	1				7	2	43
	Severe invasive streptococcal infections(TSLS)	3	1	2	2	22	14	159
	Acquired immunodeficiency syndrome (AIDS)	7	4	8	10	120	10	331
	Giardiasis	1	1		1	7	4	17
	Invasive <i>Haemophilus influenzae</i> disease			3		13	3	109
	Invasive meningococcal disease			1		1		8
	Invasive pneumococcal disease	7	15	16	8	142	65	1,049
	Varicella (limited to hospitalized case)		1	1	2	11	1	62
	Congenital rubella syndrome							
	Syphilis	32	25	23	29	385	49	1,201
	Disseminated cryptococcosis					5	1	38
	Tetanus					1	4	15
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection					3		25
	Rubella		1			2	2	19
Measles	3	3	4		13	13	114	
MDRA infection						1	9	

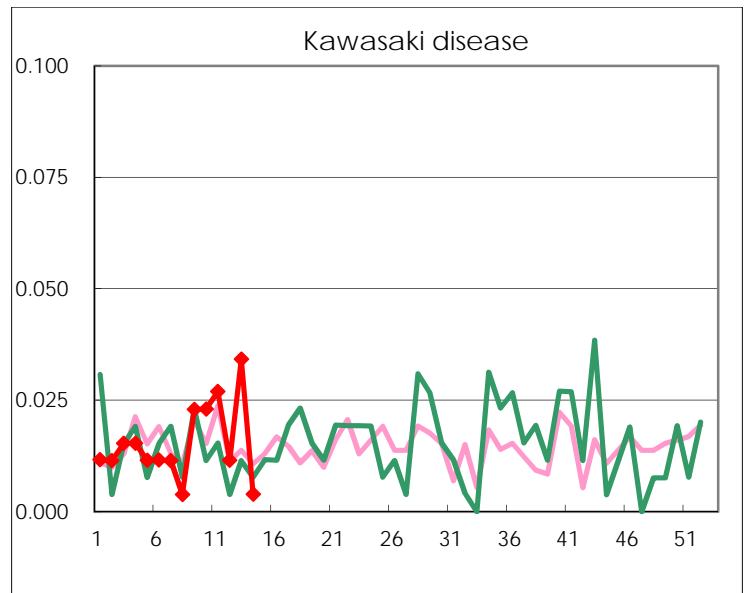
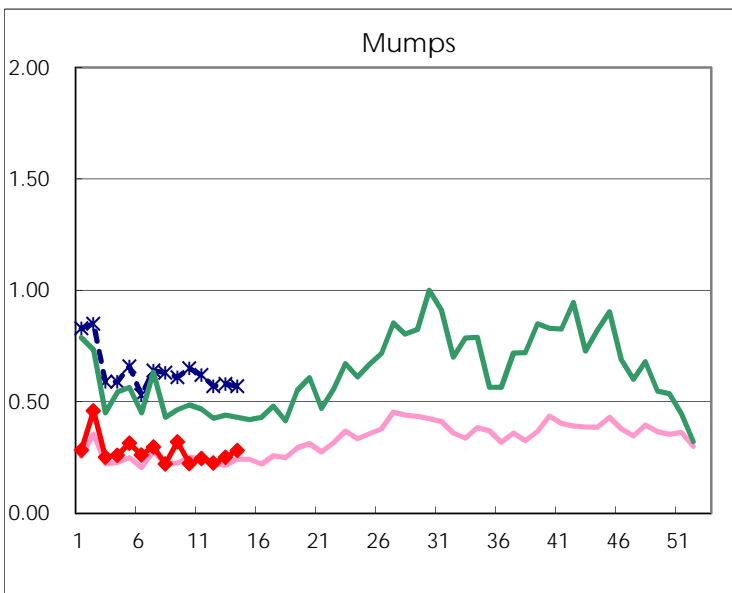
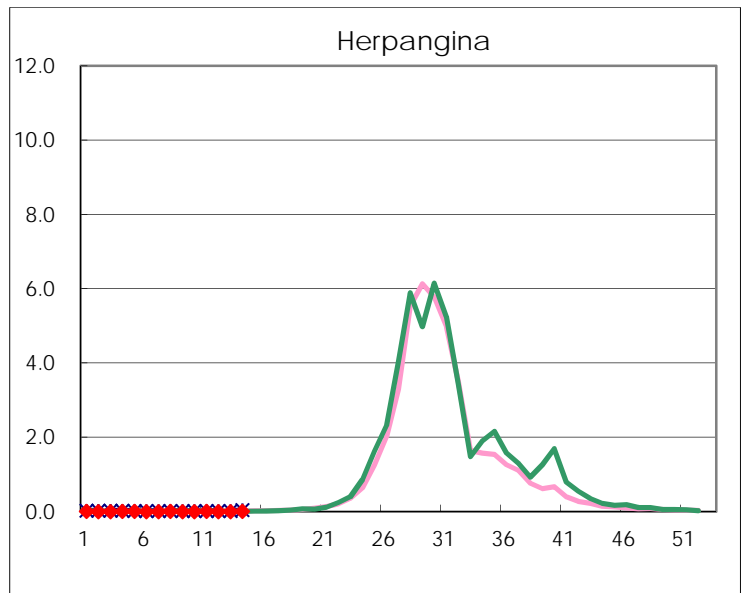
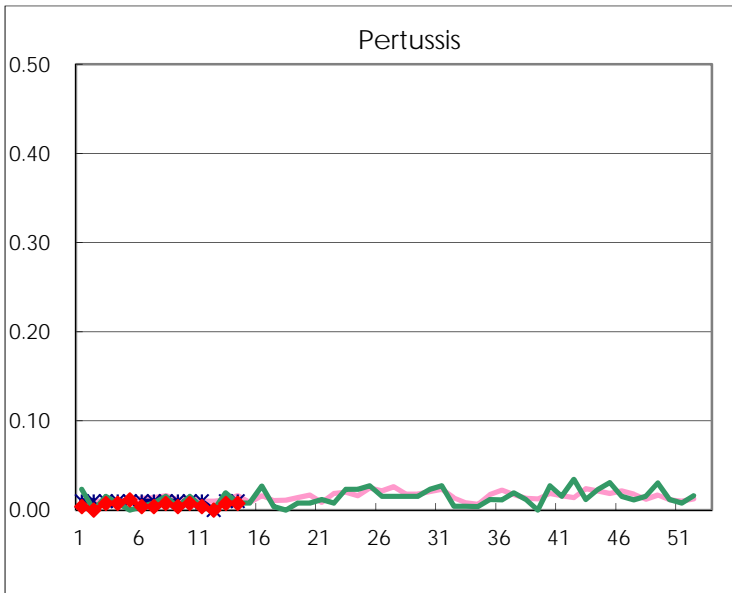
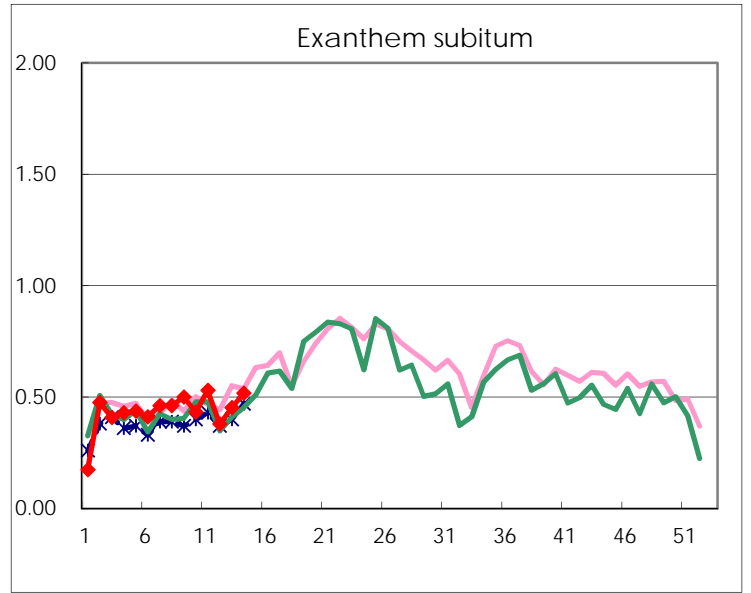
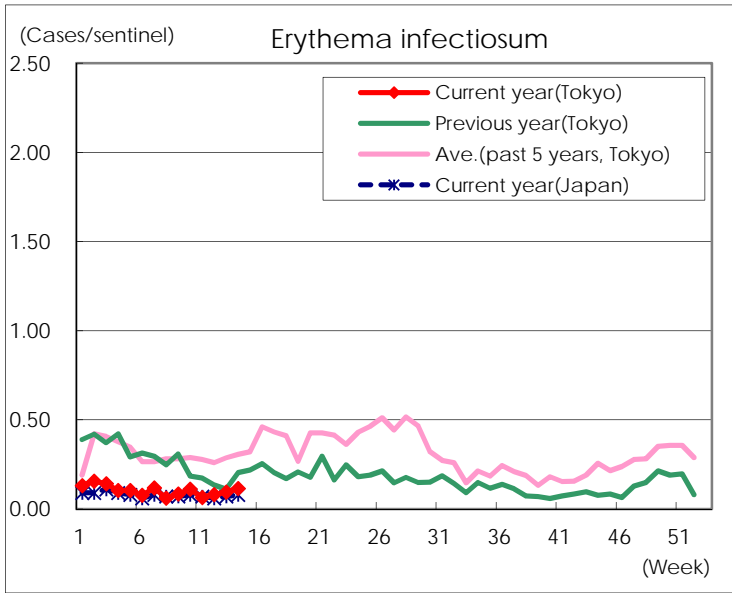
Number of patients with the diseases to be reported
by the designated clinics and hospitals

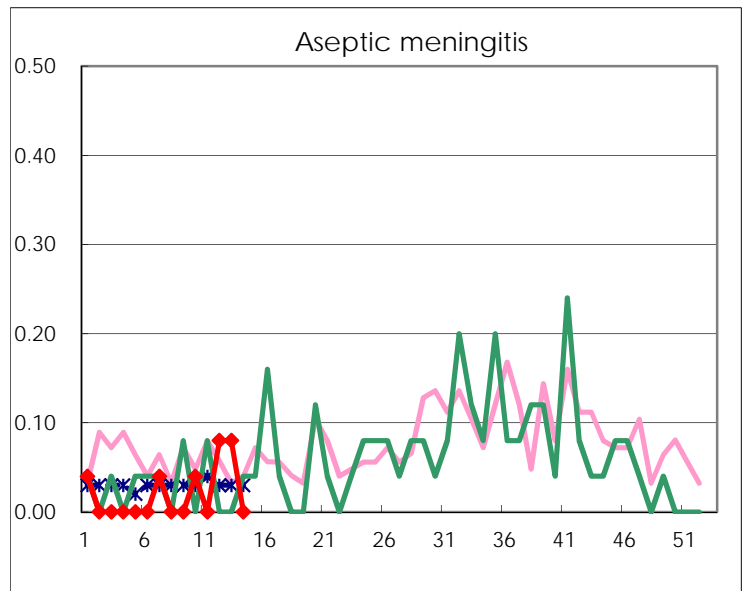
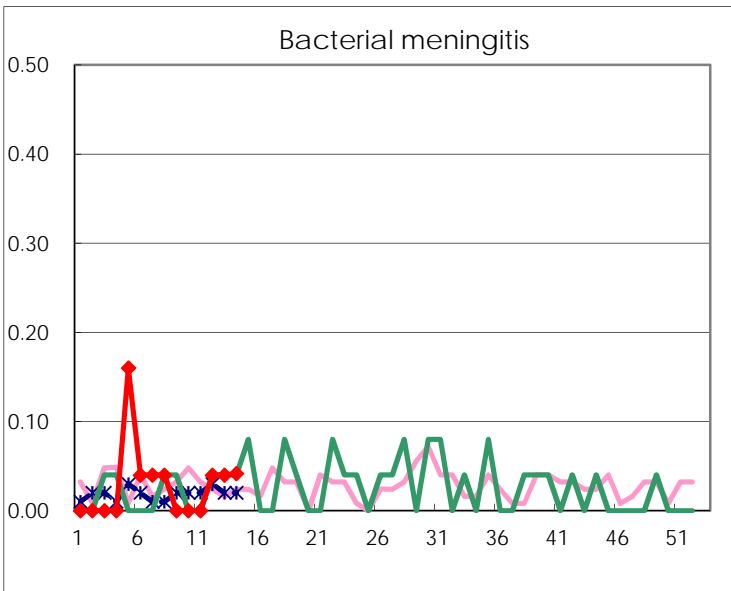
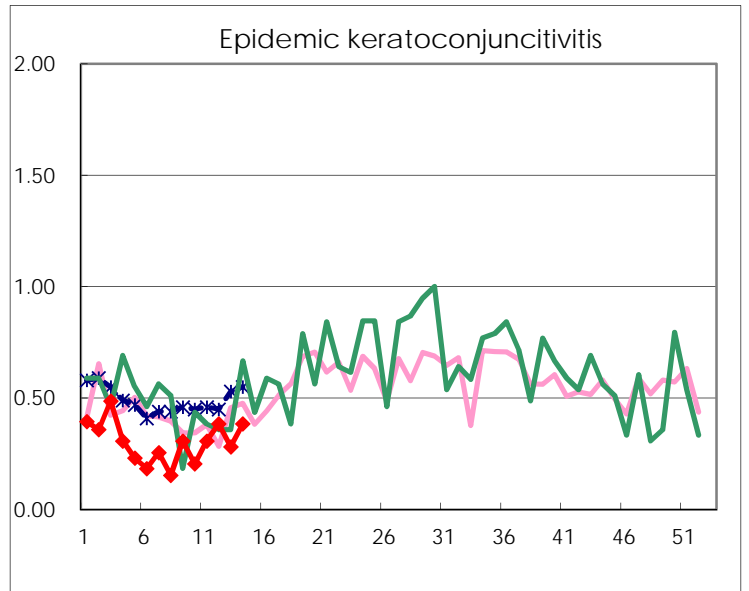
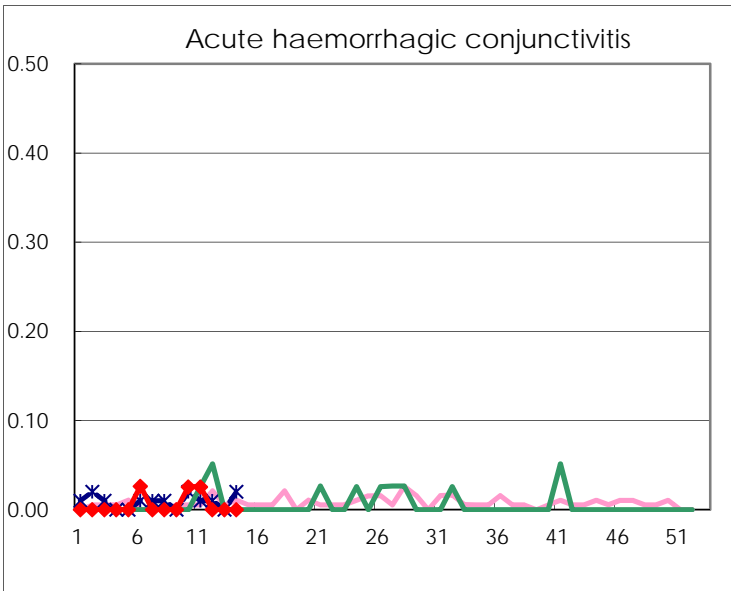
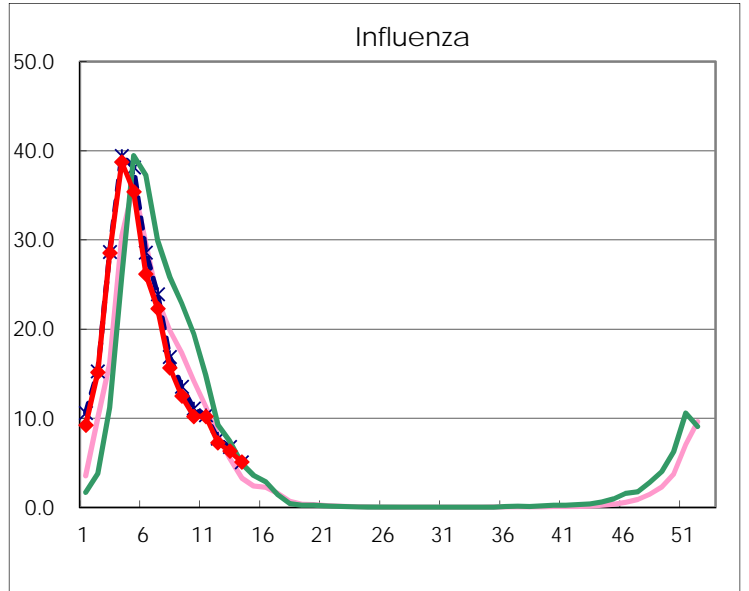
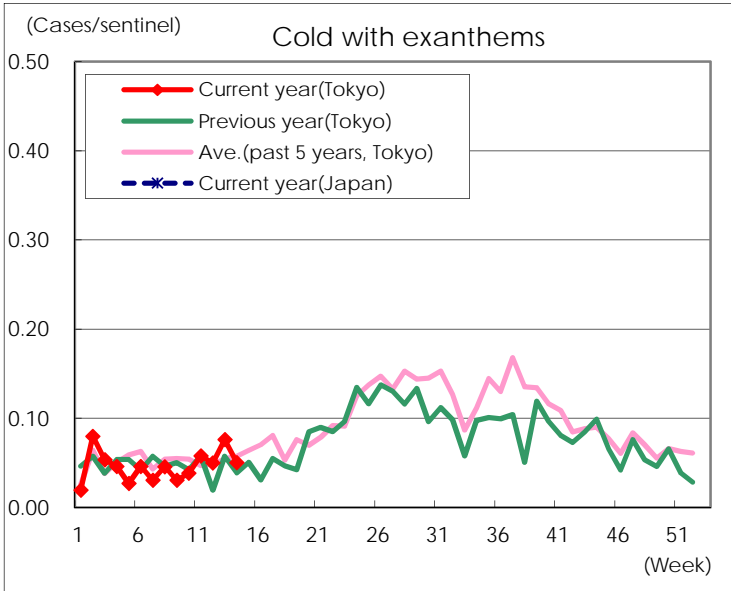
Diseases	Tokyo				
	11th	12th	13th	14th	/sentinel
Respiratory syncytial virus infection	36	26	34	27	0.10
Pharyngoconjunctival fever	58	52	56	60	0.23
Group A streptococcal pharyngitis	619	415	494	456	1.76
Infectious gastroenteritis	2,104	1,758	1,821	1,877	7.25
Chickenpox	83	75	108	83	0.32
Hand, foot, and mouth disease	10	9	23	20	0.08
Erythema infectiosum	17	21	25	30	0.12
Exanthem subitum	138	99	119	134	0.52
Pertussis	1		2	2	0.01
Herpangina	3	1	1	3	0.01
Mumps	64	59	66	73	0.28
Kawasaki disease	7	3	9	1	
Cold with exanthems	15	13	20	13	0.05
Influenza	4,217	3,008	2,635	2,101	5.10
Acute hemorrhagic conjunctivitis	1				
Epidemic keratoconjunctivitis	12	15	11	15	0.38
Bacterial meningitis		1	1	1	0.04
Aseptic meningitis		2	2		
Mycoplasma pneumonia	8	5	6	2	0.08
Chlamydial pneumonia (excluding psittacosis)	1	1	1	1	0.04
Infectious gastroenteritis (only by Rotavirus)	16	34	13	16	0.67
Influenza-Associated Hospitalizations	21	16	14	8	0.33

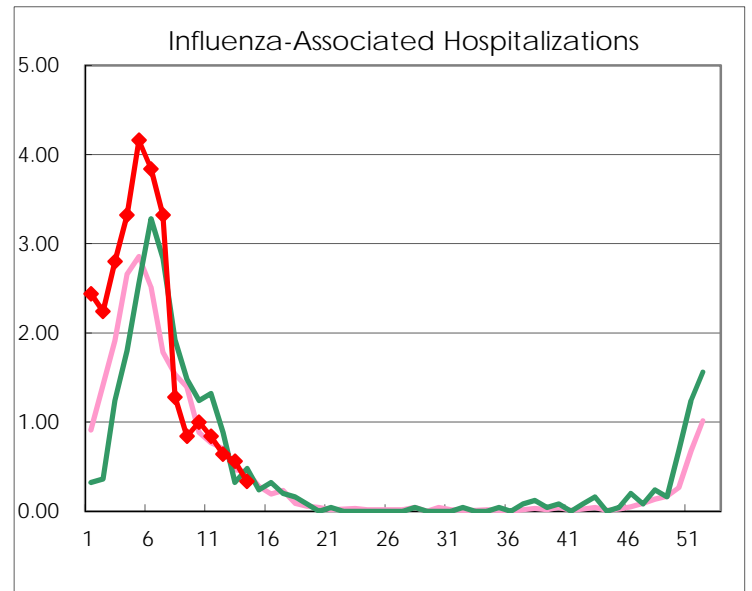
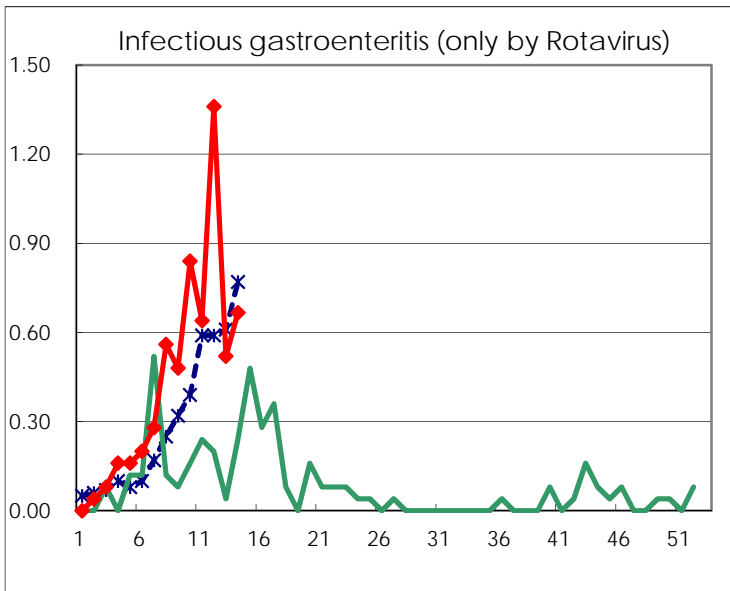
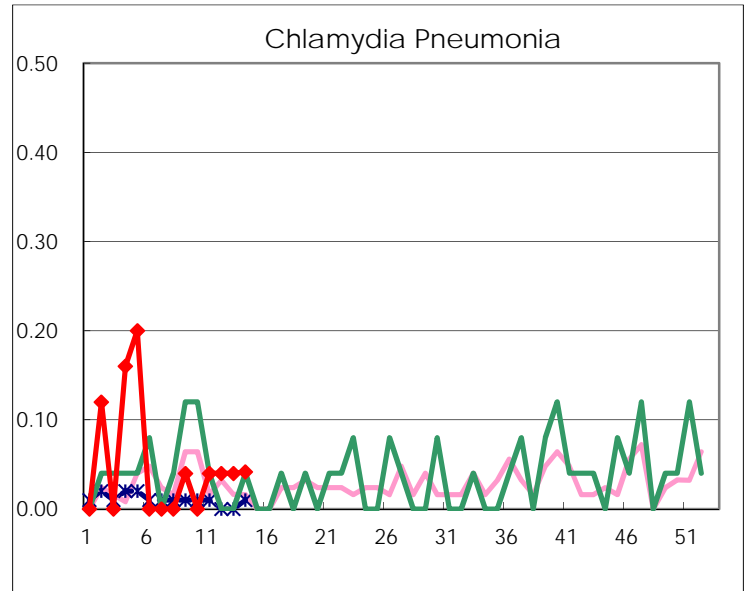
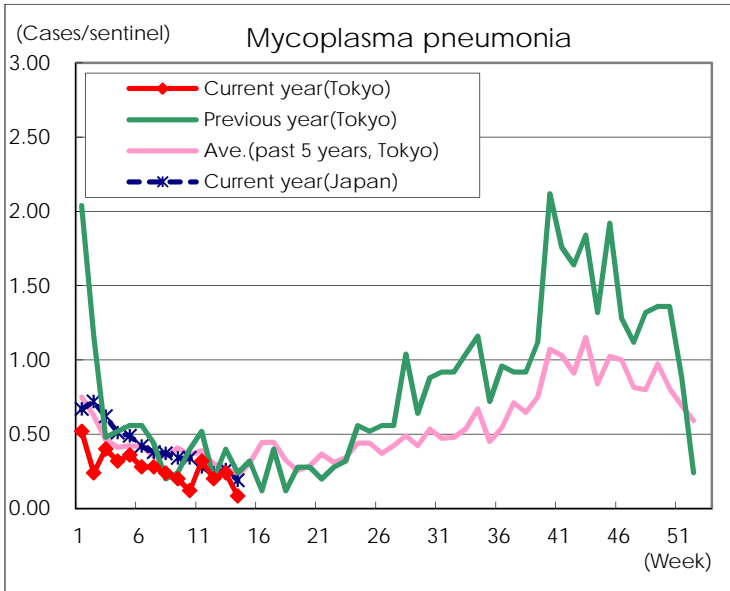
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Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	259
Influenza	419	412
Ophthalmic	39	39
Specially-designated	25	24