

18 June 2015 / Number 24

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	
		21st	22nd	23rd	24th	Cum 2015	24th	Cum 2015
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	82	79	95	73	1,655	398	10,592
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera							3
	Shigellosis			4	3	28	3	63
	Enterohemorrhagic Escherichia coli infection	5	5	5	11	45	56	646
	Typhoid fever	1				7	1	21
	Paratyphoid fever		1			4	2	19
IV	Hepatitis E	1		2		15	1	85
	West Nile fever							
	Hepatitis A	2	1	3	2	25	3	133
	Echinococcosis					1		8
	Yellow fever							
	Psittacosis							4
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							1
	Monkeypox							
	Severe Fever with Thrombocytopenia Syndrome						4	24
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever	1				4		7
	Scrub typhus(Tsutsugamushi disease)					1	5	64
	Dengue fever	2		2	1	29	5	107
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						5	48
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis	1				1		3
	Venezuelan equine encephalitis							
	Hendra virus infection							
Epidemic typhus								
Botulism								
Malaria			2		6		13	
Tularemia							1	
Lyme disease							3	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	2	2	1	3	41	23	506	
Leptospirosis					5		6	
Rocky mountain spotted fever								

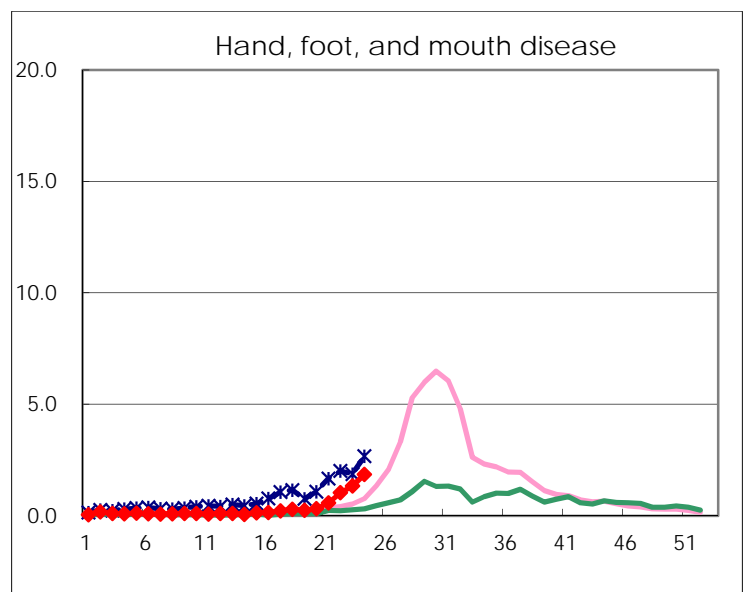
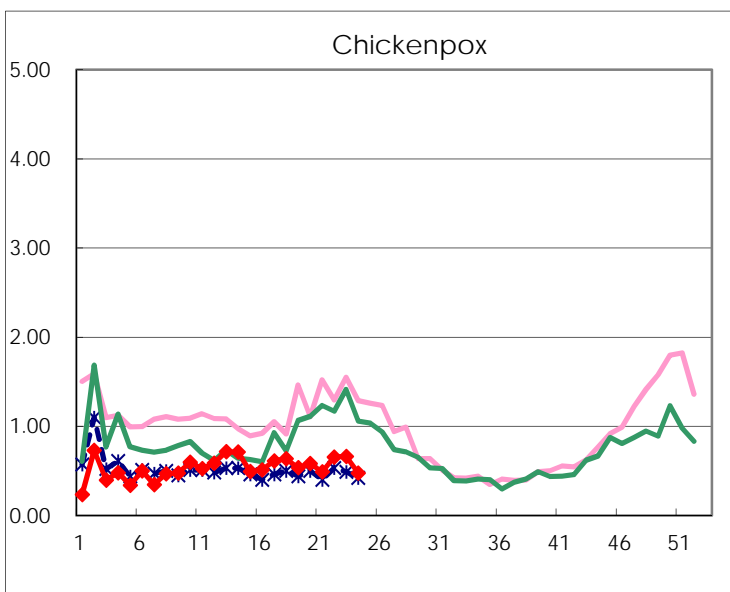
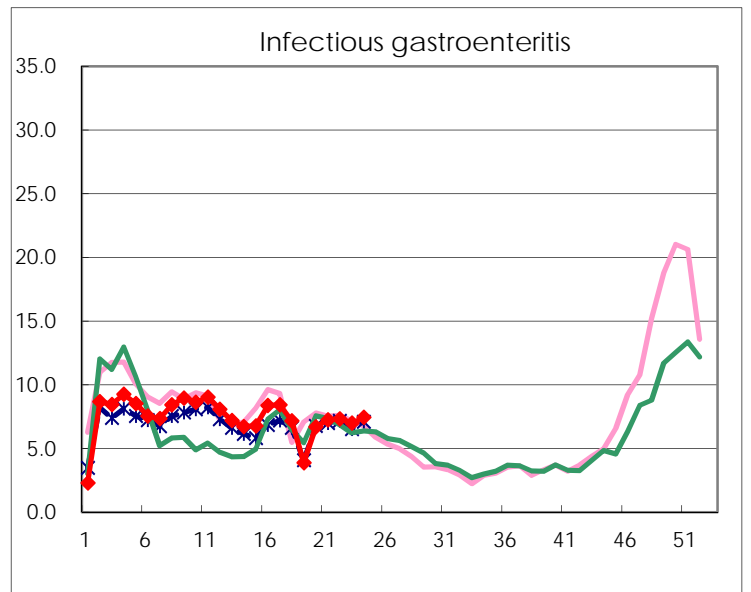
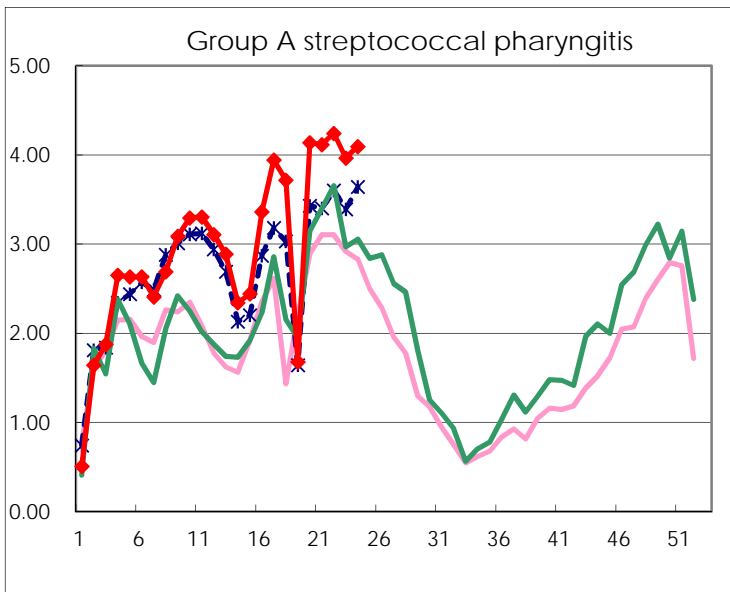
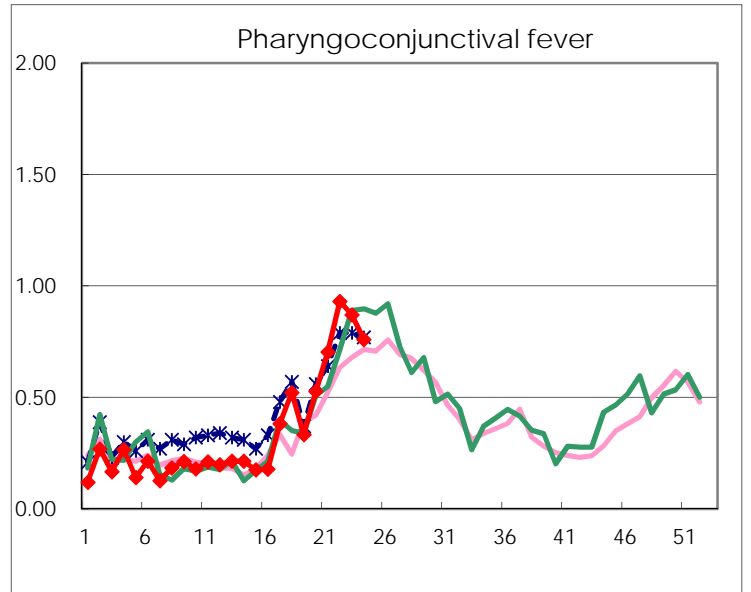
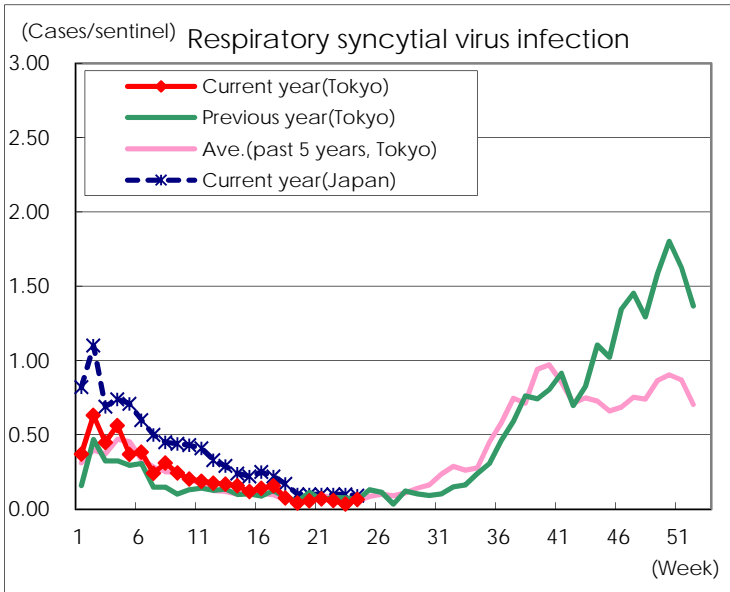
Category	Diseases	Tokyo					Japan	
		21st	22nd	23rd	24th	Cum 2015	24th	Cum 2015
V	Amebiasis	2	5	6	6	86	14	477
	Viral hepatitis(excluding hepatitis A and E)	1	3	3	2	26	5	106
	CRE infection	6	2	2	2	67	11	565
	Acute encephalitis(excluding JE and WNE)	1	2			26	3	244
	Cryptosporidiosis				1	3	1	8
	Creutzfeldt-Jakob disease		1			10	3	77
	Severe invasive streptococcal infections(TSLS)	1	1			33	2	220
	Acquired immunodeficiency syndrome (AIDS)	11	10	10	6	187	18	617
	Giardiasis		1		1	9	1	35
	Invasive <i>Haemophilus influenzae</i> disease	1		1	1	13	4	120
	Invasive meningococcal disease	1	1			6	1	18
	Invasive pneumococcal disease	12	8	6	5	178	34	1,298
	Varicella (limited to hospitalized case)	2		3	2	21	5	136
	Congenital rubella syndrome							
	Syphilis	25	18	19	23	402	27	948
	Disseminated cryptococcosis			1	2	6	1	57
	Tetanus					1	2	44
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection		1			1		23
	Rubella				1	16	1	86
Measles		1	1		8		22	
MDRA infection	1	1			4		16	

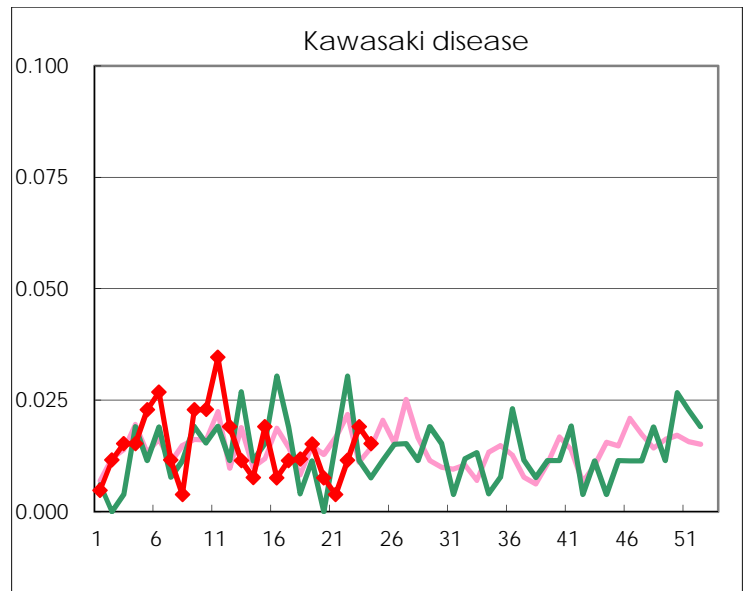
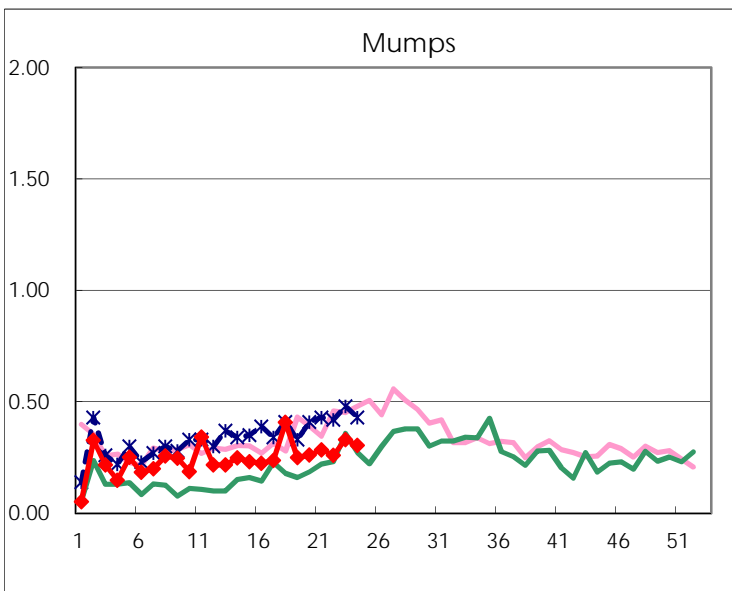
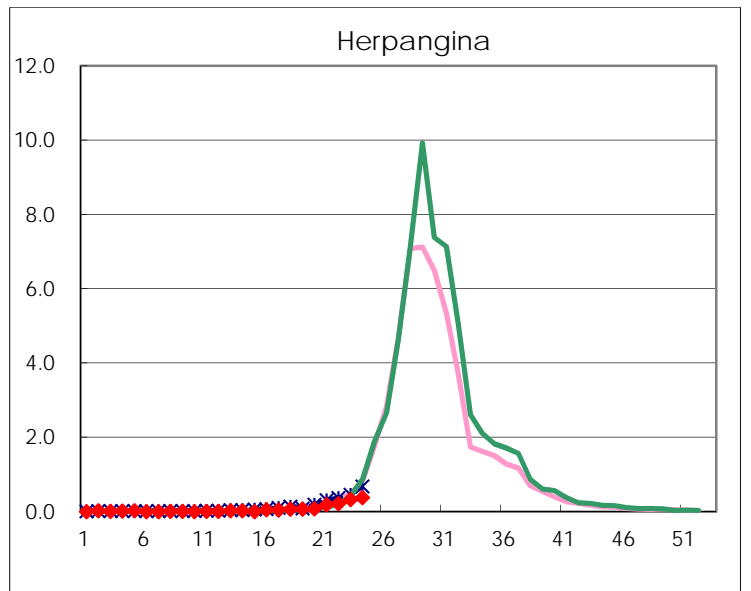
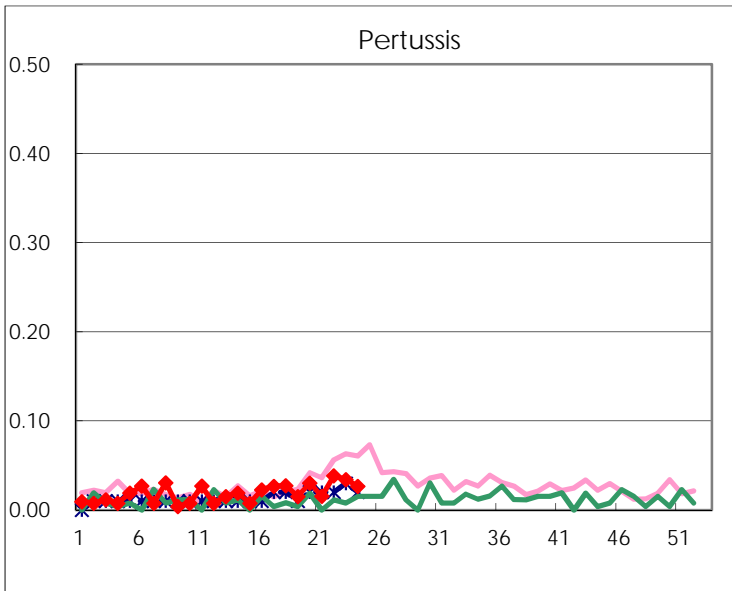
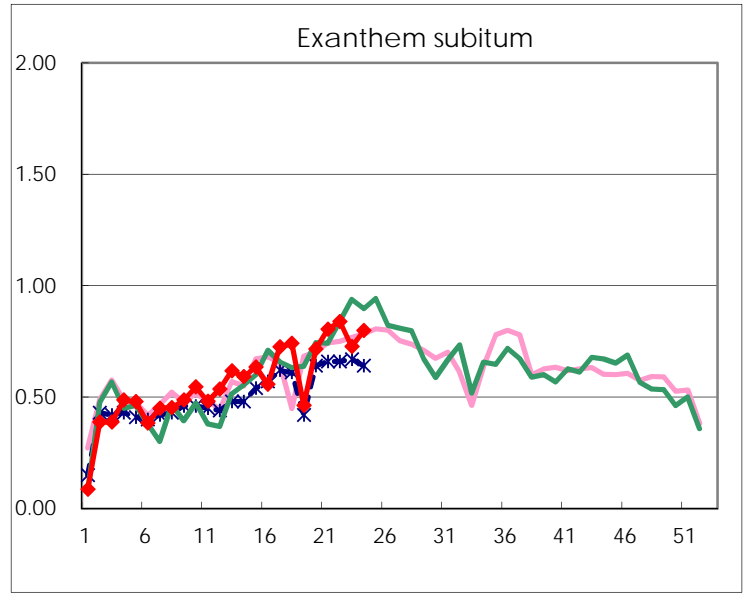
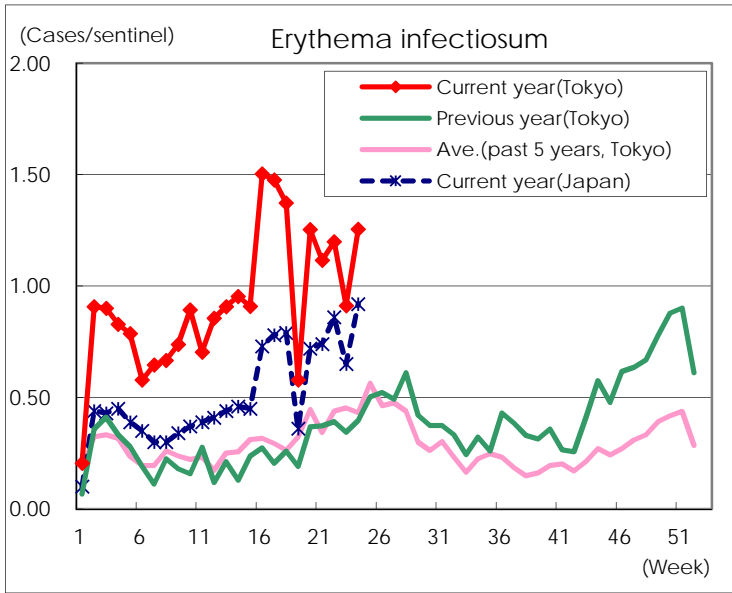
Number of patients with the diseases to be reported
by the designated clinics and hospitals

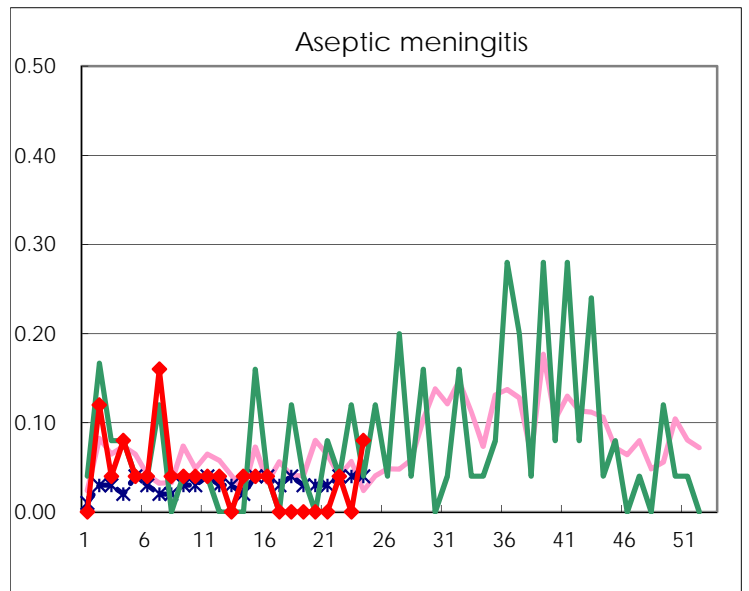
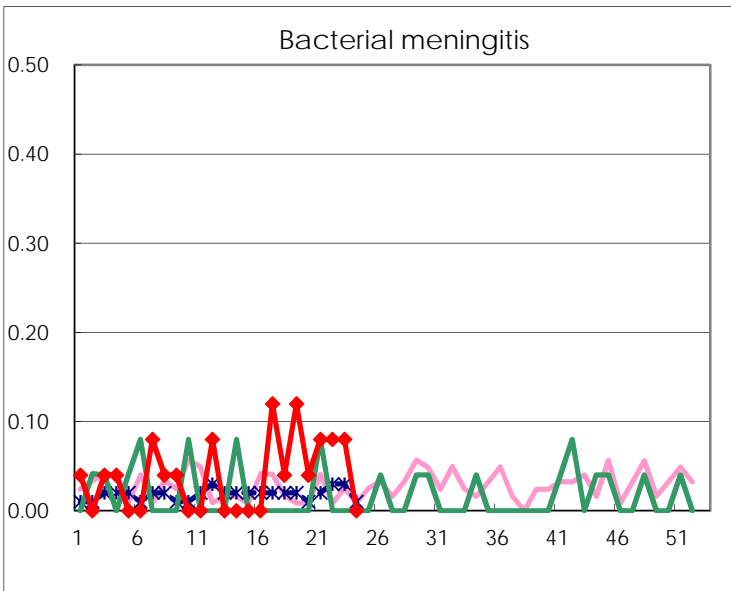
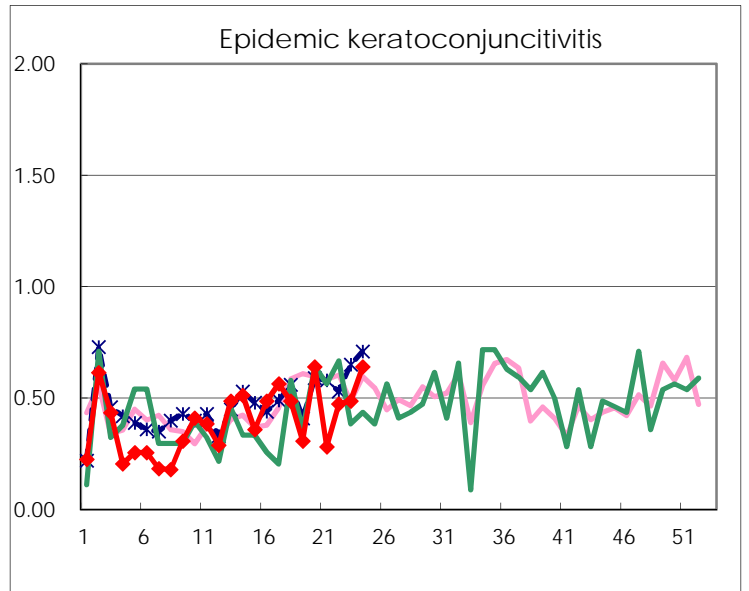
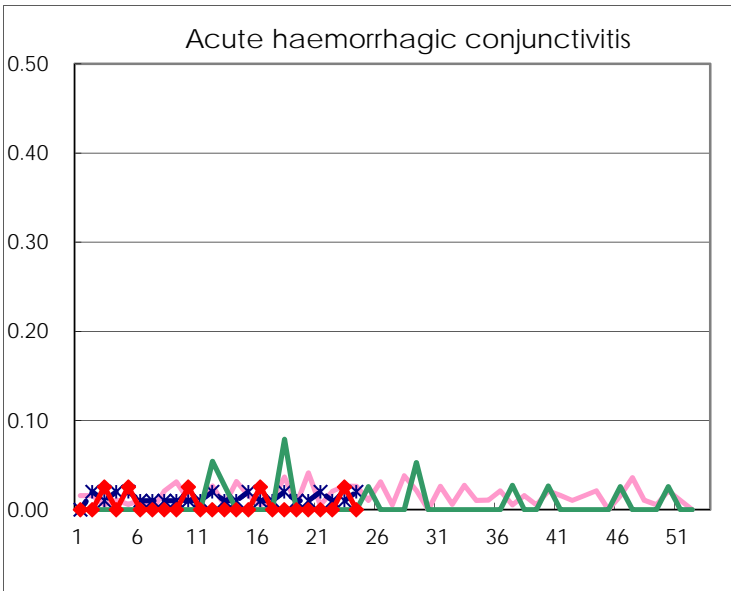
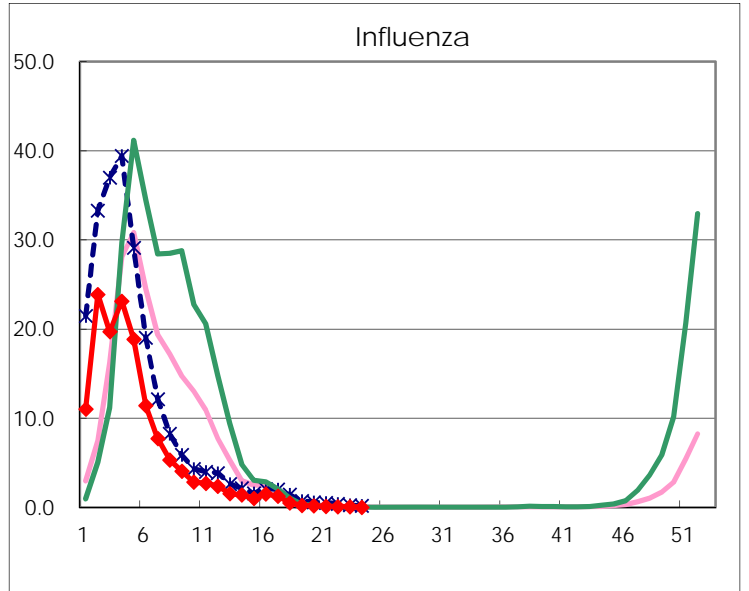
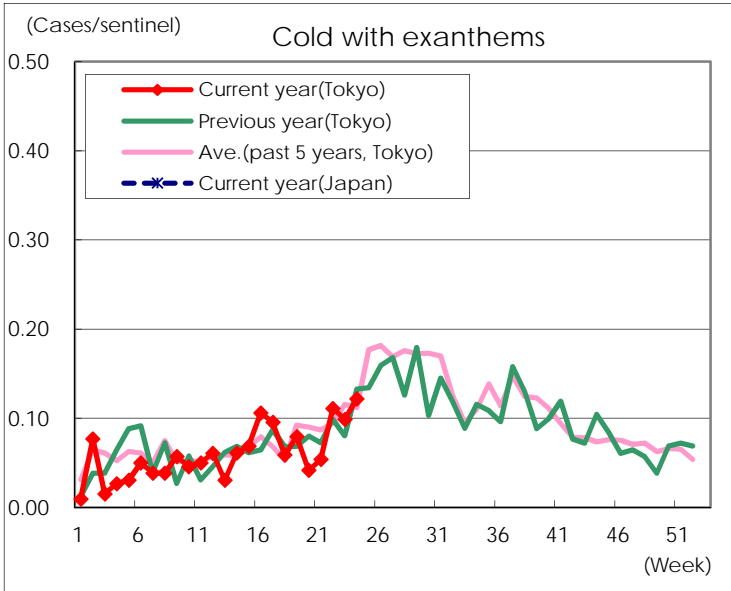
Diseases	Tokyo				
	21st	22nd	23rd	24th	/sentinel
Respiratory syncytial virus infection	18	15	9	17	0.06
Pharyngoconjunctival fever	183	243	229	200	0.76
Group A streptococcal pharyngitis	1,070	1,107	1,043	1,077	4.10
Infectious gastroenteritis	1,882	1,911	1,836	1,957	7.44
Chickenpox	127	171	174	125	0.48
Hand, foot, and mouth disease	148	270	351	489	1.86
Erythema infectiosum	290	313	240	330	1.25
Exanthem subitum	209	219	191	210	0.80
Pertussis	4	10	9	7	0.03
Herpangina	50	56	86	101	0.38
Mumps	74	68	87	80	0.30
Kawasaki disease	1	3	5	4	0.02
Cold with exanthems	14	29	26	32	0.12
Influenza	52	36	34	8	0.02
Acute hemorrhagic conjunctivitis			1		
Epidemic keratoconjunctivitis	11	18	19	25	0.64
Bacterial meningitis	2	2	2		
Aseptic meningitis		1		2	0.08
Mycoplasma pneumonia	5	7	6	5	0.20
Chlamydial pneumonia (excluding psittacosis)		1			
Infectious gastroenteritis (only by Rotavirus)	4		2	1	0.04
Influenza-Associated Hospitalizations			2		

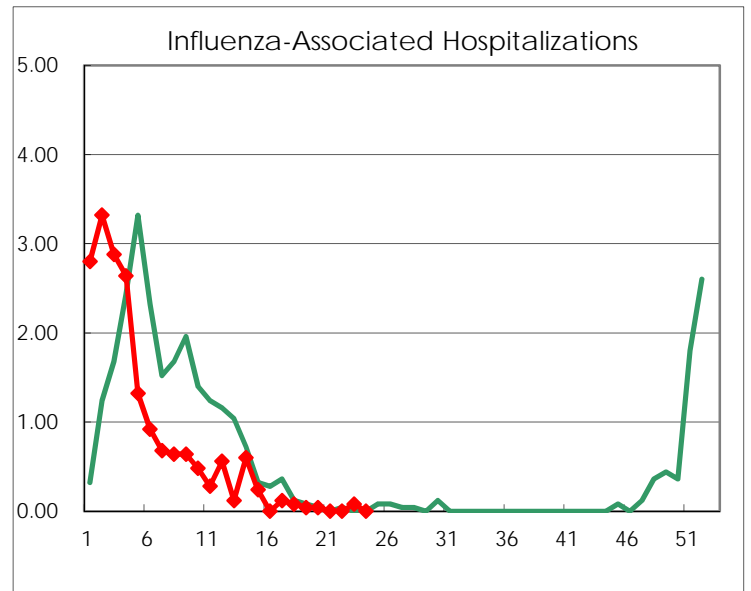
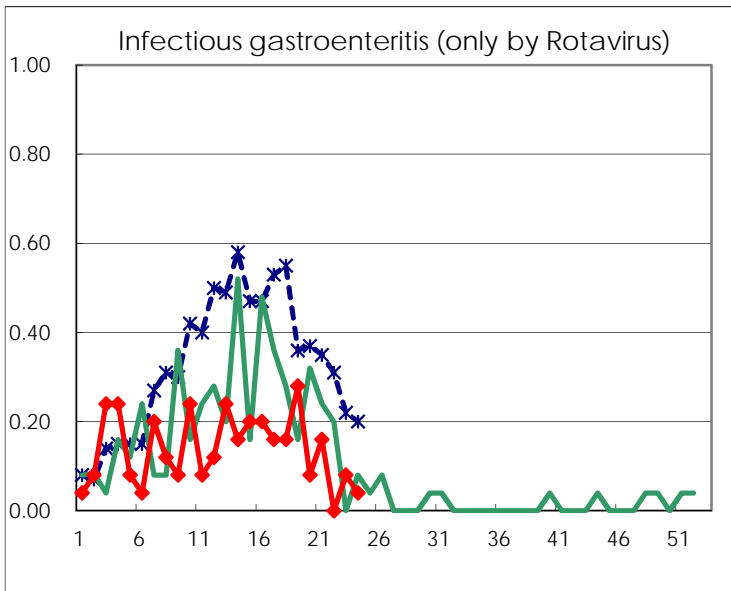
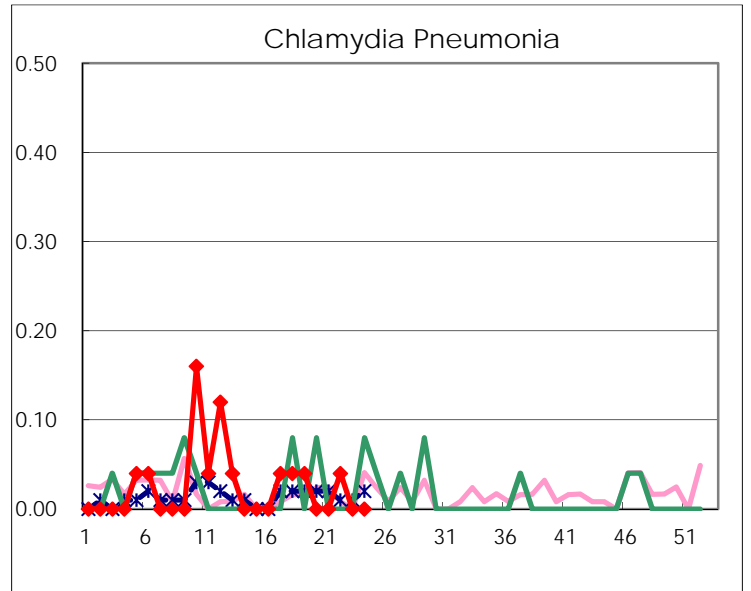
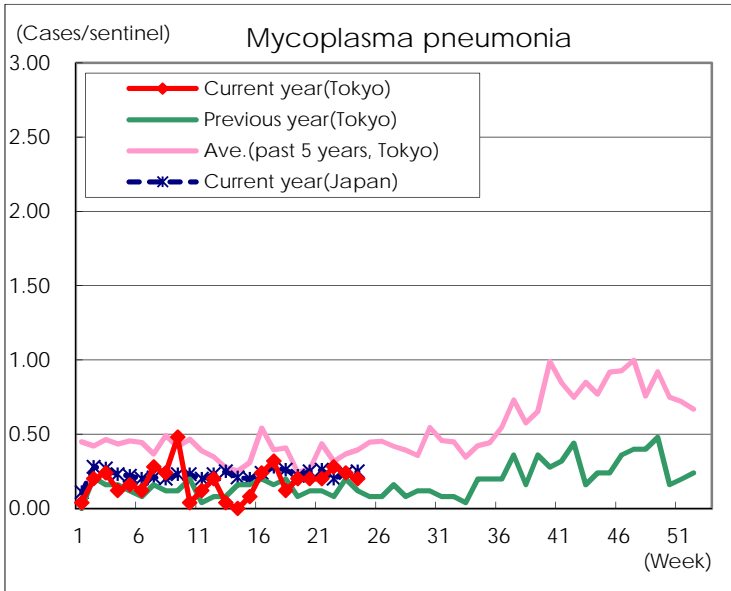
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Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	263
Influenza	419	416
Ophthalmic	39	39
Specially-designated	25	25