

2 July 2015 / Number 26

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	
		23rd	24th	25th	26th	Cum 2015	26th	Cum 2015
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	101	77	79	61	1,808	406	11,590
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera							3
	Shigellosis	4	3	1	1	30	3	69
	Enterohemorrhagic Escherichia coli infection	5	11	16	15	76	106	866
	Typhoid fever					7		20
	Paratyphoid fever			1		5		22
IV	Hepatitis E	2		1		16	1	94
	West Nile fever							
	Hepatitis A	3	2	2		27	6	143
	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	28
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever			1		5	1	10
	Scrub typhus(Tsutsugamushi disease)				1	2	1	67
	Dengue fever	2	1	2	1	32	1	112
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						3	60
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis					1		3
	Venezuelan equine encephalitis							
	Hendra virus infection							
Epidemic typhus								
Botulism								
Malaria	2		1		7	1	16	
Tularemia							1	
Lyme disease							3	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	1	4	2	2	46	37	594	
Leptospirosis					5		6	
Rocky mountain spotted fever								

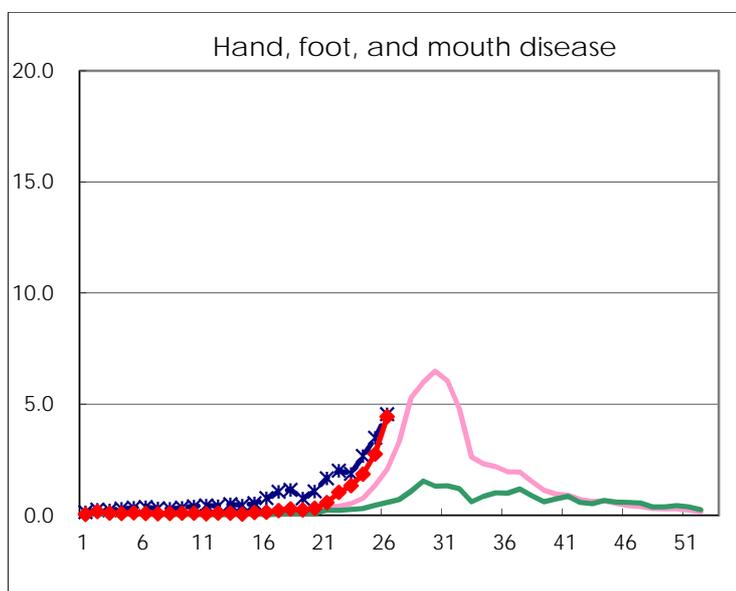
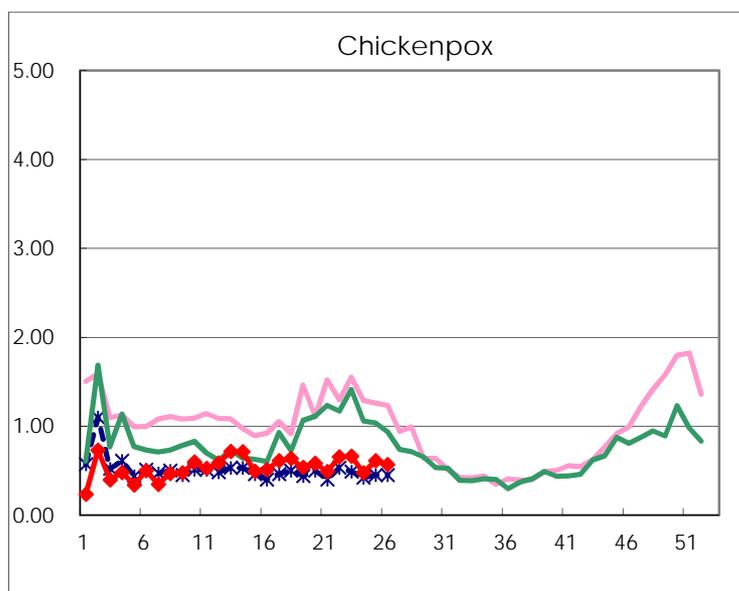
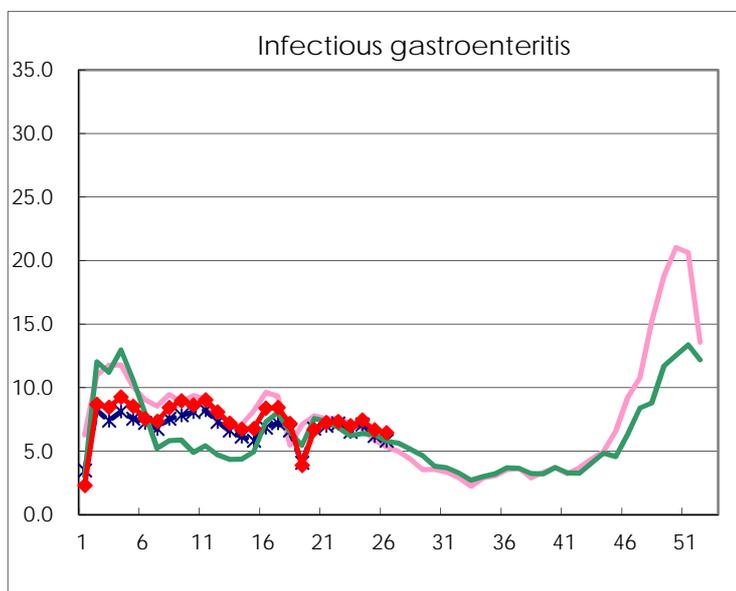
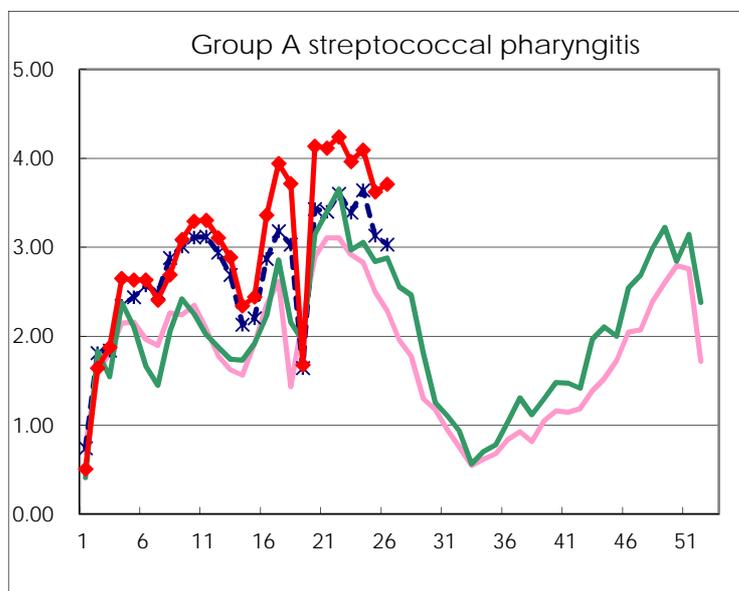
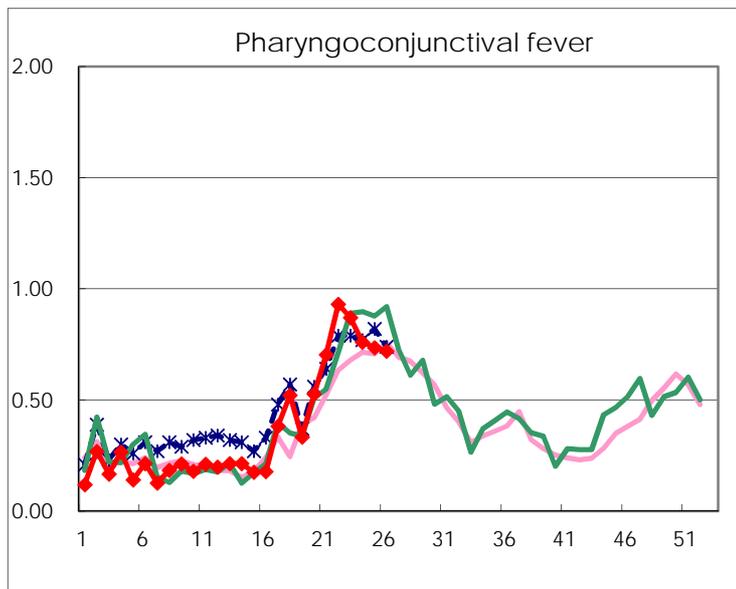
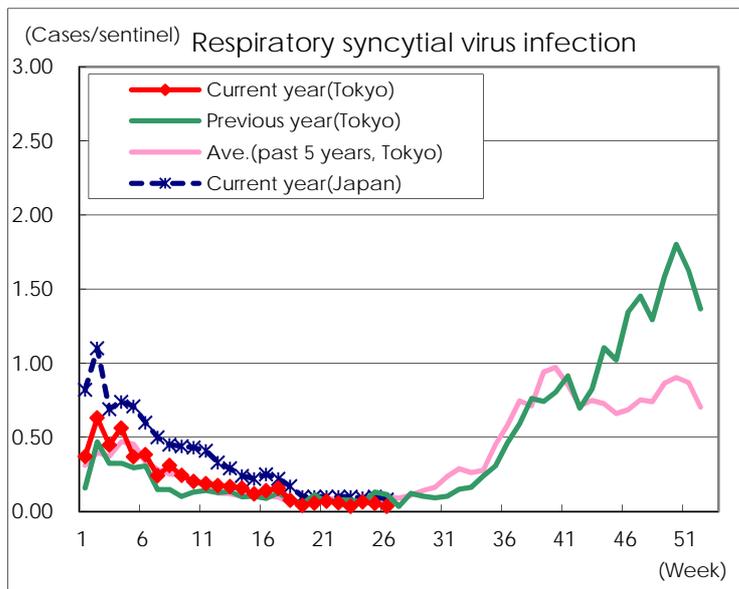
Category	Diseases	Tokyo					Japan	
		23rd	24th	25th	26th	Cum 2015	26th	Cum 2015
V	Amebiasis	6	6	5	6	97	15	526
	Viral hepatitis(excluding hepatitis A and E)	3	2	2	1	29	2	119
	CRE infection	2	3	4	4	76	14	620
	Acute encephalitis(excluding JE and WNE)				1	27	5	264
	Cryptosporidiosis		1			3		8
	Creutzfeldt-Jakob disease				1	11	3	86
	Severe invasive streptococcal infections(TSLS)			1	2	36	7	237
	Acquired immunodeficiency syndrome (AIDS)	10	6	10	12	209	20	679
	Giardiasis		1			9		36
	Invasive <i>Haemophilus influenzae</i> disease	1	1			13	1	124
	Invasive meningococcal disease					6		18
	Invasive pneumococcal disease	6	5	7	5	190	17	1,361
	Varicella (limited to hospitalized case)	3	2	2	2	25	5	147
	Congenital rubella syndrome							
	Syphilis	20	24	25	29	459	47	1,073
	Disseminated cryptococcosis	1	2			6	2	60
	Tetanus					1	1	48
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection					1		26
	Rubella		1	1	2	19	2	96
Measles	1		1		9		24	
MDRA infection					4		15	

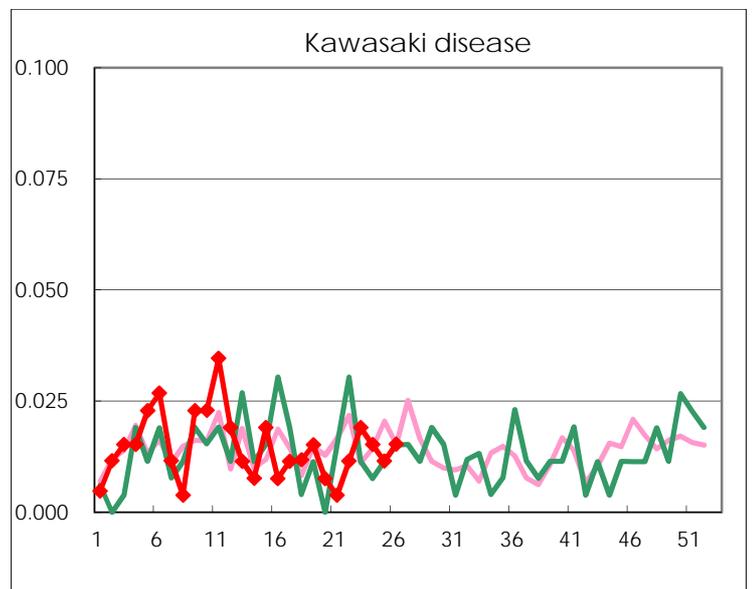
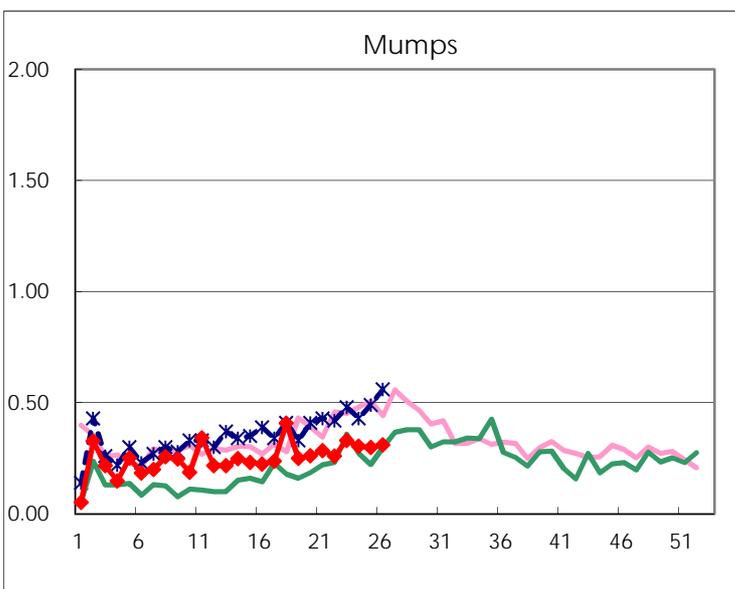
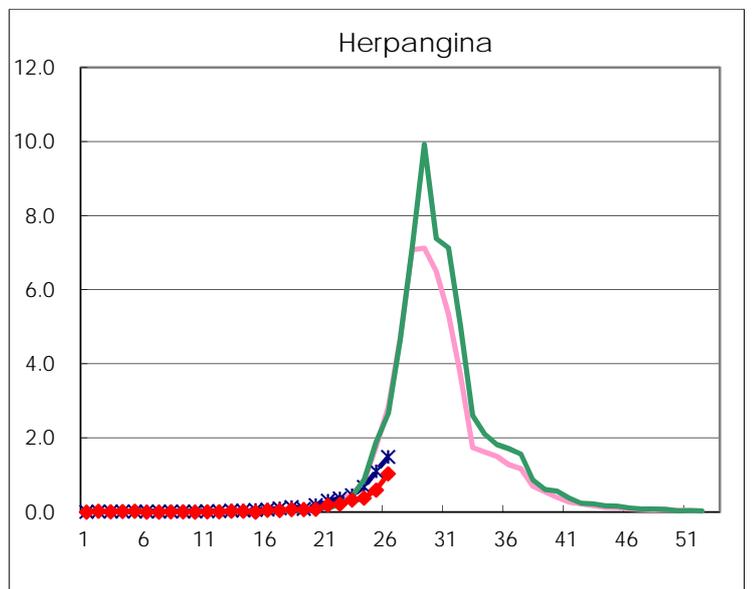
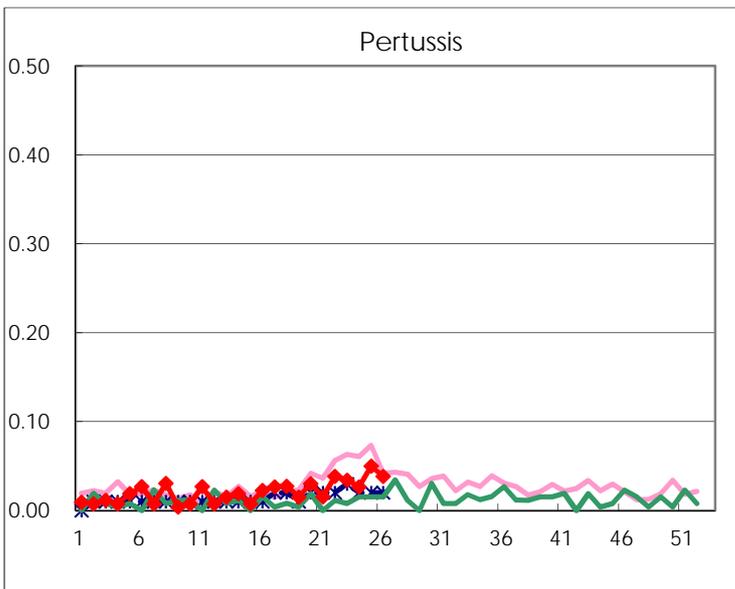
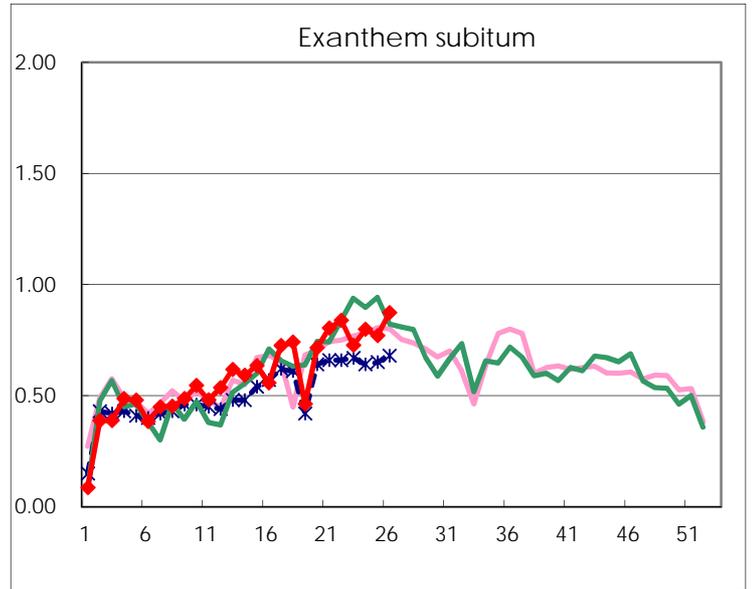
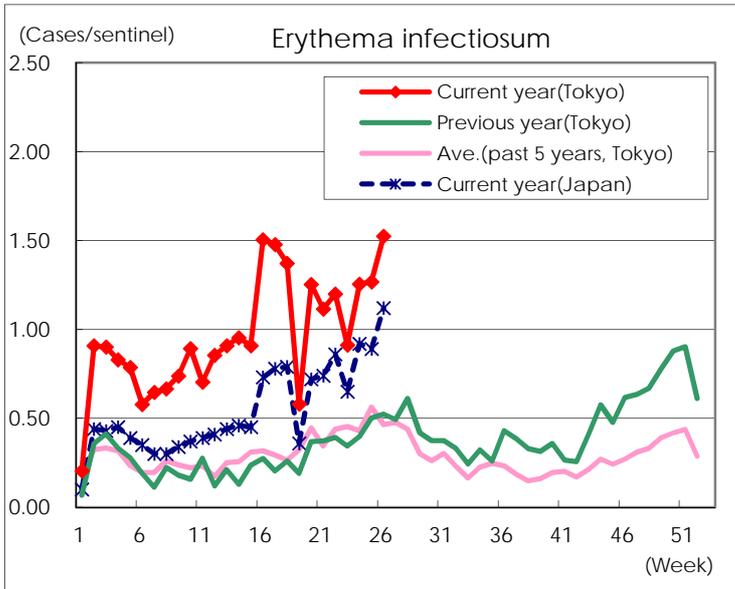
Number of patients with the diseases to be reported
by the designated clinics and hospitals

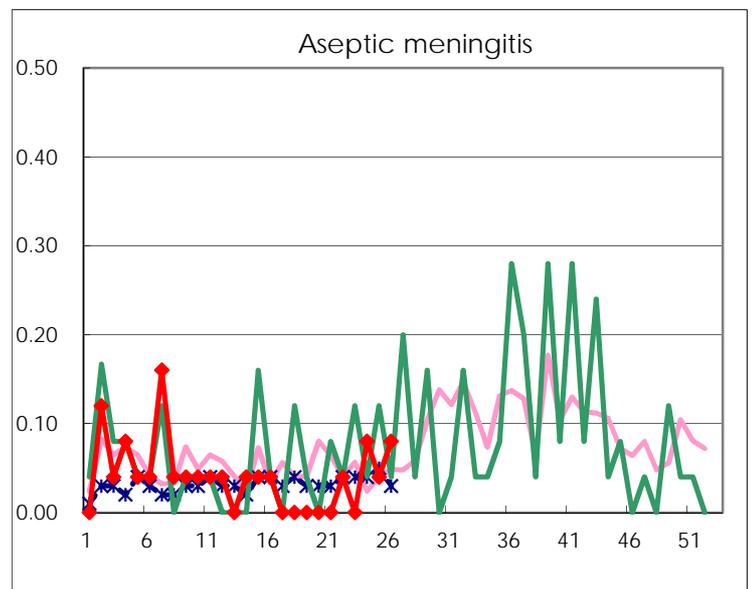
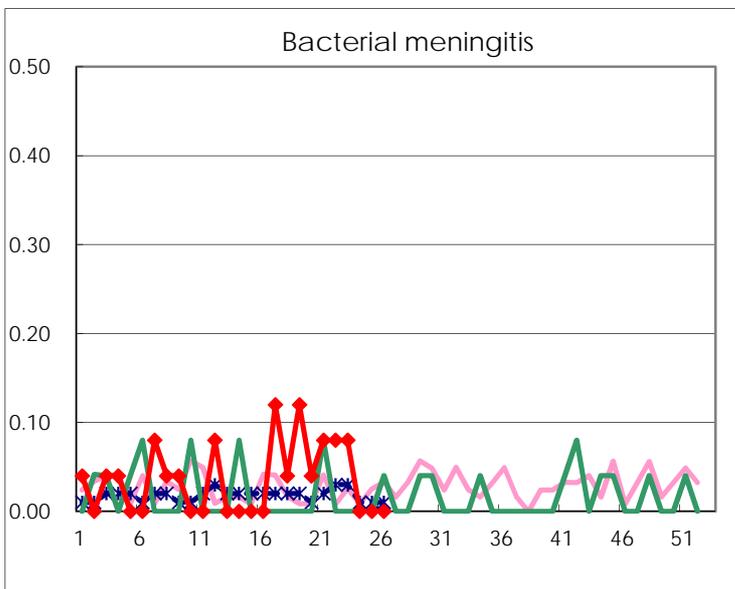
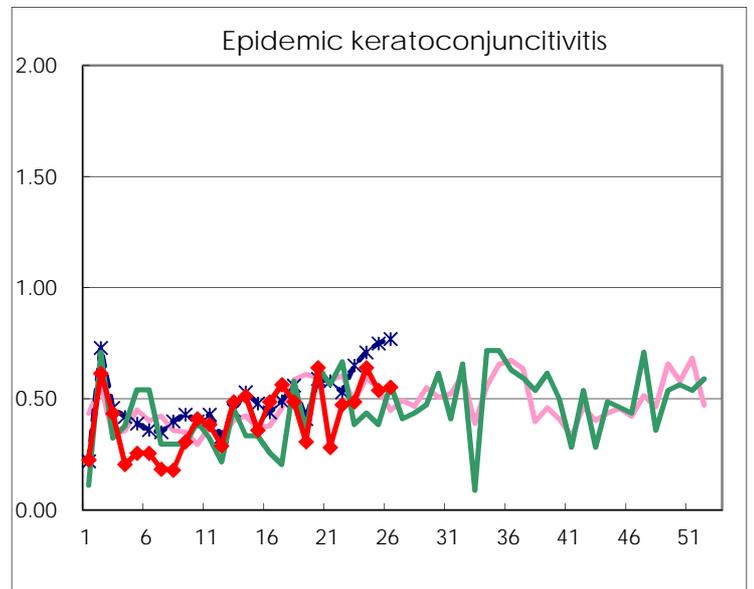
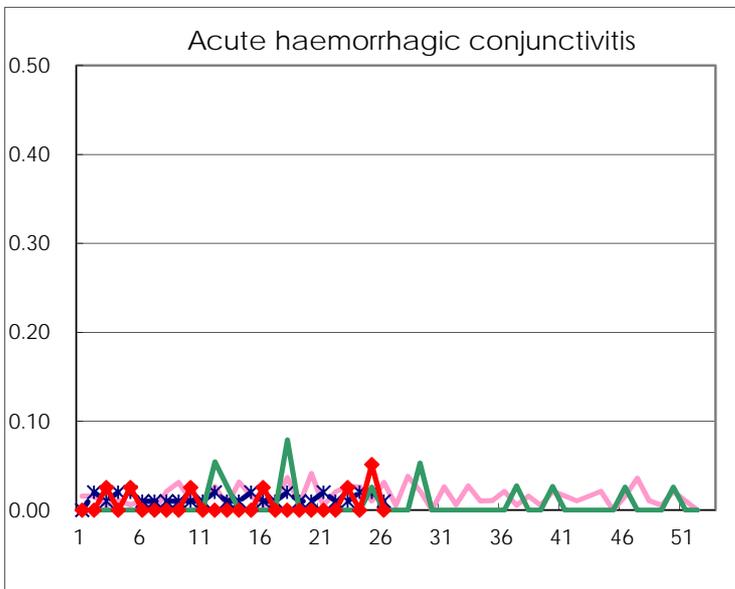
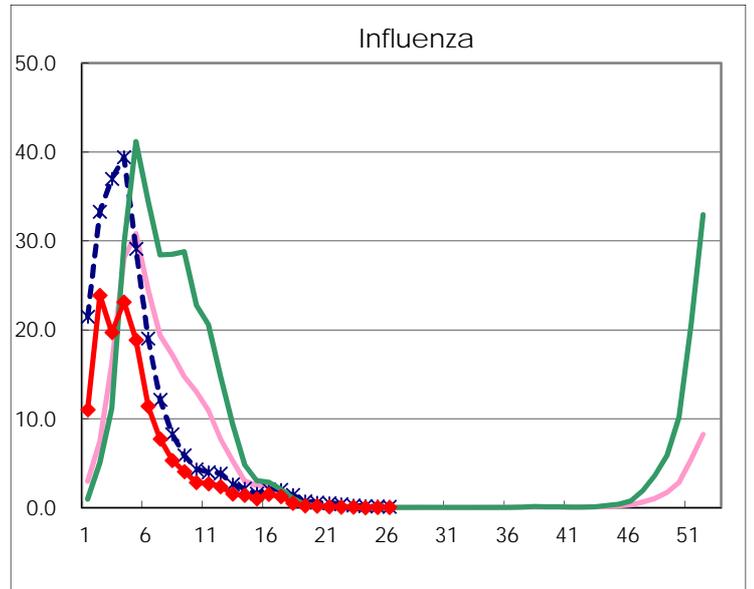
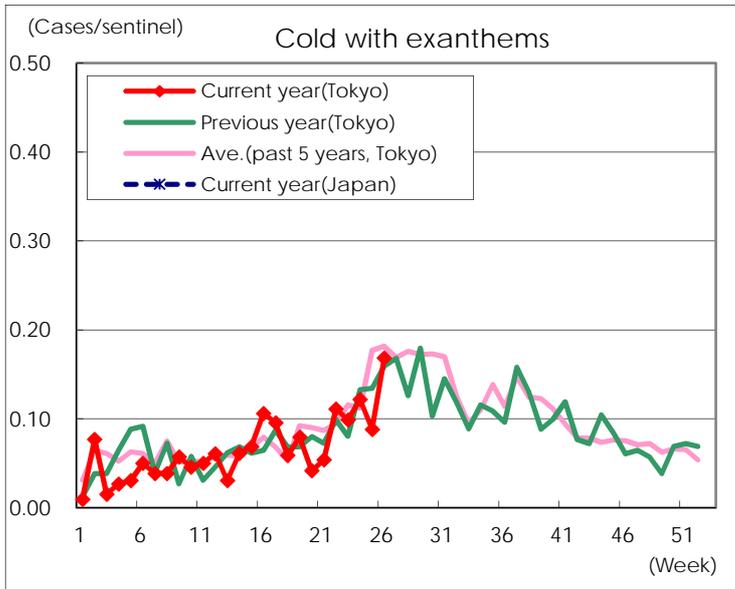
Diseases	Tokyo				
	23rd	24th	25th	26th	/sentinel
Respiratory syncytial virus infection	9	17	14	9	0.03
Pharyngoconjunctival fever	229	200	192	188	0.72
Group A streptococcal pharyngitis	1,043	1,077	946	968	3.71
Infectious gastroenteritis	1,836	1,957	1,737	1,679	6.43
Chickenpox	174	125	159	148	0.57
Hand, foot, and mouth disease	351	489	721	1,158	4.44
Erythema infectiosum	240	330	331	398	1.52
Exanthem subitum	191	210	201	228	0.87
Pertussis	9	7	13	10	0.04
Herpangina	86	101	156	269	1.03
Mumps	87	80	78	81	0.31
Kawasaki disease	5	4	3	4	0.02
Cold with exanthems	26	32	23	44	0.17
Influenza	34	8	21	13	0.03
Acute hemorrhagic conjunctivitis	1		2		
Epidemic keratoconjunctivitis	19	25	21	21	0.55
Bacterial meningitis	2				
Aseptic meningitis		2	1	2	0.08
Mycoplasma pneumonia	6	5	7	2	0.08
Chlamydial pneumonia (excluding psittacosis)			1		
Infectious gastroenteritis (only by Rotavirus)	2	1		1	0.04
Influenza-Associated Hospitalizations	2				

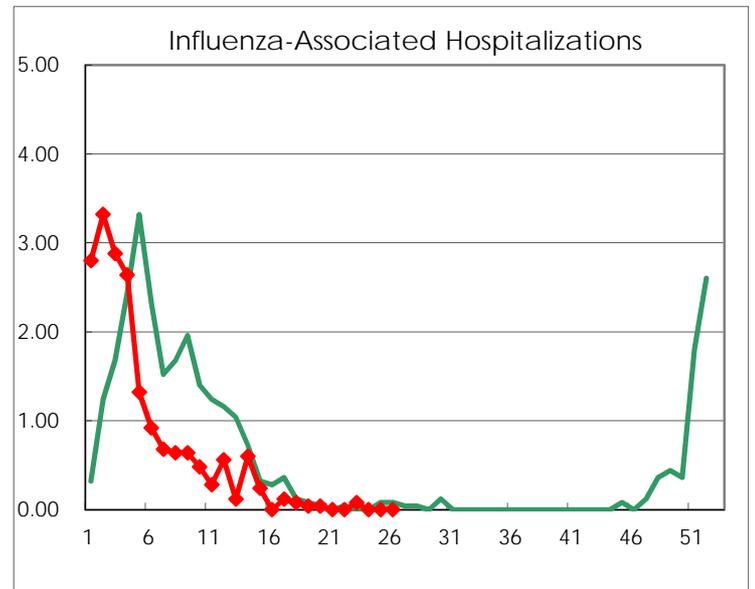
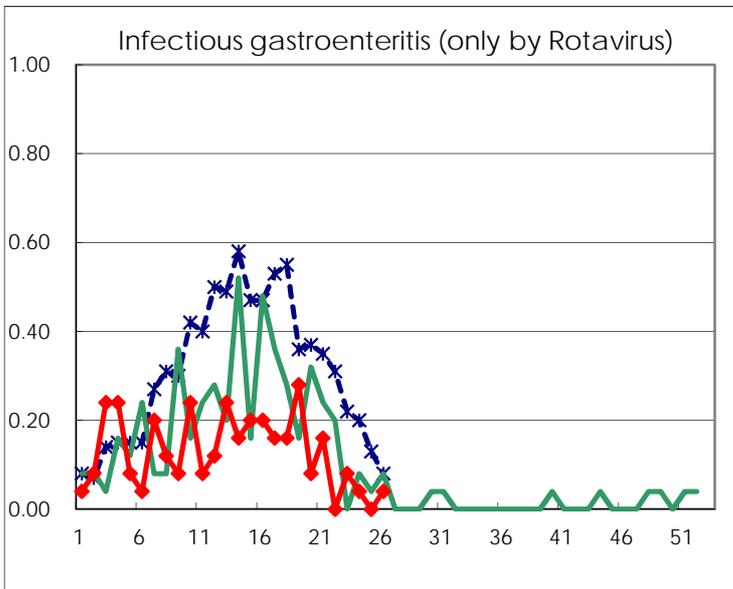
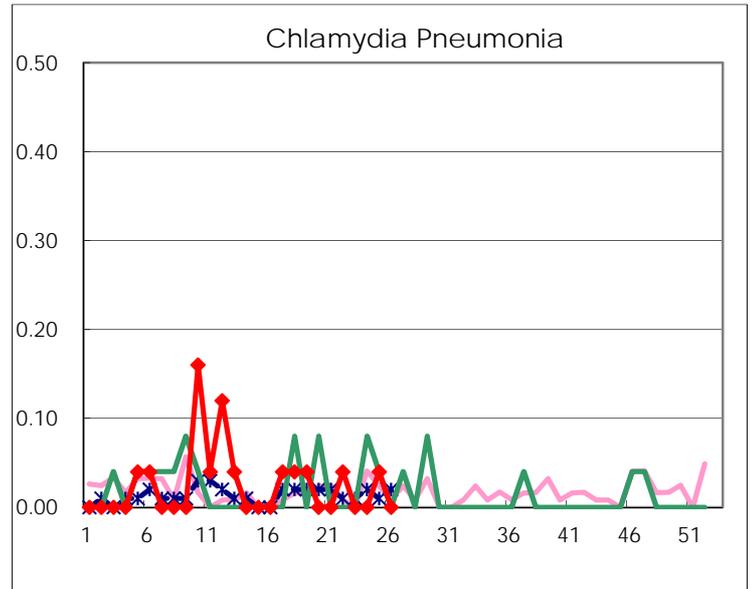
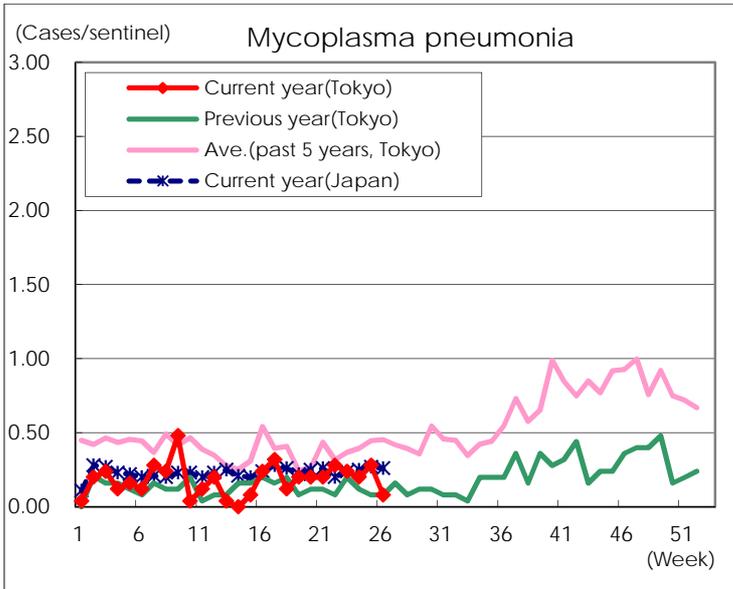
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Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	261
Influenza	419	414
Ophthalmic	39	38
Specially-designated	25	25