

**10 January 2017 / Number 52**

## 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	
		49th	50th	51st	52nd	Cum 2016	52nd	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	75	82	52	42	3,662	340	23,854
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
III	Avian influenza H5N1							
	Avian influenza H7N9							
	Cholera					2		10
	Shigellosis	2				40	1	121
	Enterohemorrhagic Escherichia coli infection		3	4	2	452	18	3,641
IV	Typhoid fever				1	18	1	52
	Paratyphoid fever					8		19
	Hepatitis E		2		1	37	7	354
	West Nile fever							
	Hepatitis A	1			1	65	2	269
	Echinococcosis							20
	Yellow fever							
	Psittacosis					2		6
	Omsk hemorrhagic fever							
	Relapsing fever							7
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					2		3
	Monkeypox							
	Zika virus infection					3		12
	Severe Fever with Thrombocytopenia Syndrome						1	60
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							1
	Anthrax							
	Chikungunya fever					4		13
	Scrub typhus(Tsutsugamushi disease)	1		1		7	13	500
	Dengue fever		1	2		90	3	338
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						2	275
	Japanese encephalitis							11
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
Brucellosis					1		2	
Venezuelan equine encephalitis								
Hendra virus infection								
Epidemic typhus								
Botulism					1		5	
Malaria					18	1	54	
Tularemia								
Lyme disease							8	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	1	2	3	2	143	17	1,592	
Leptospirosis					7		74	
Rocky mountain spotted fever								

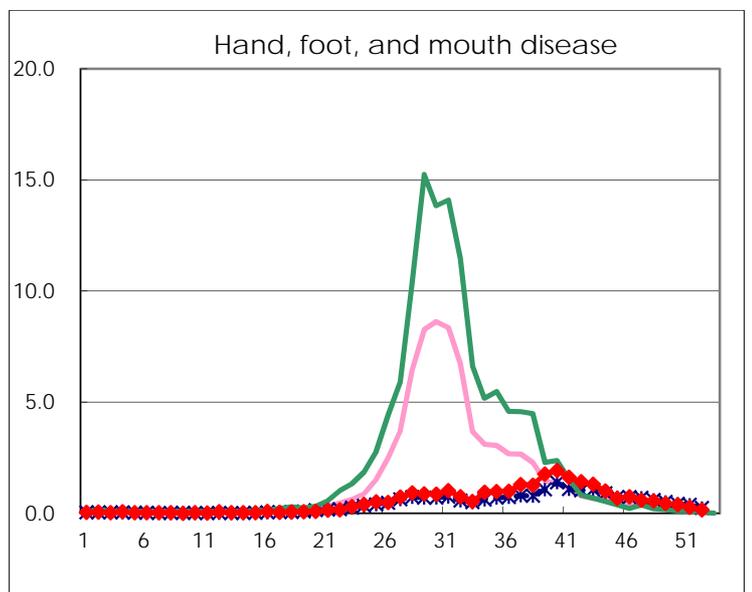
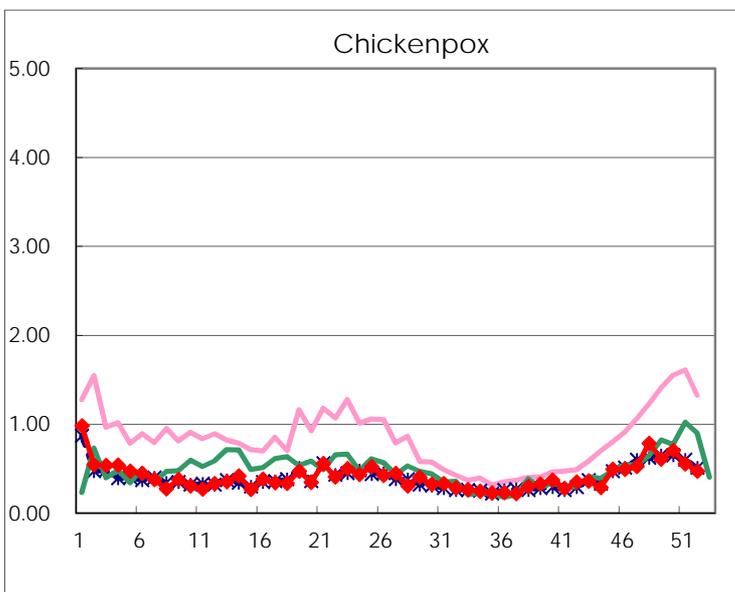
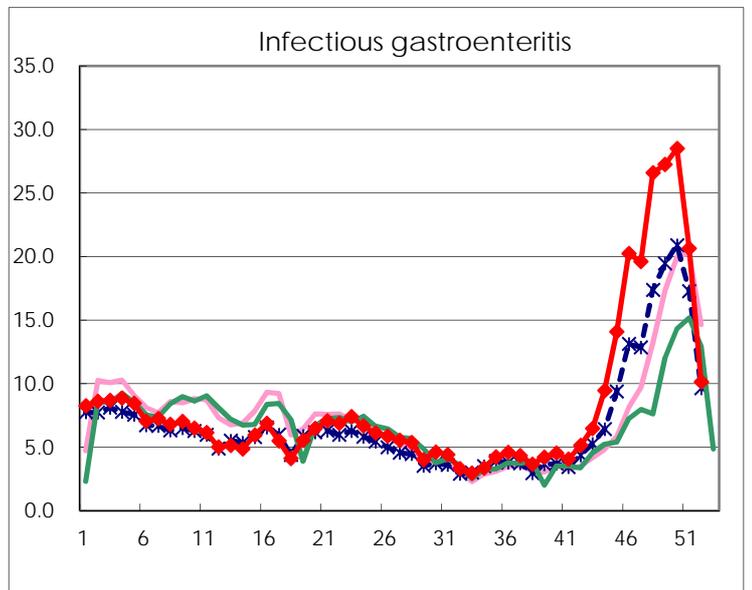
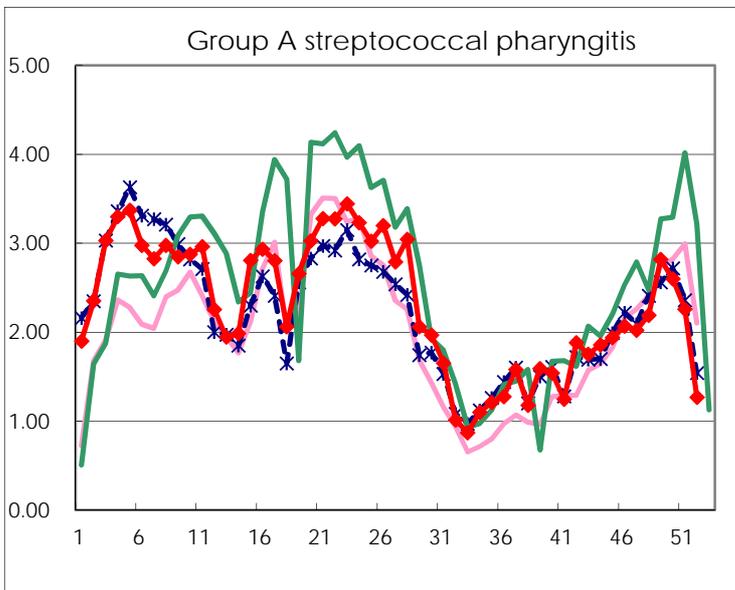
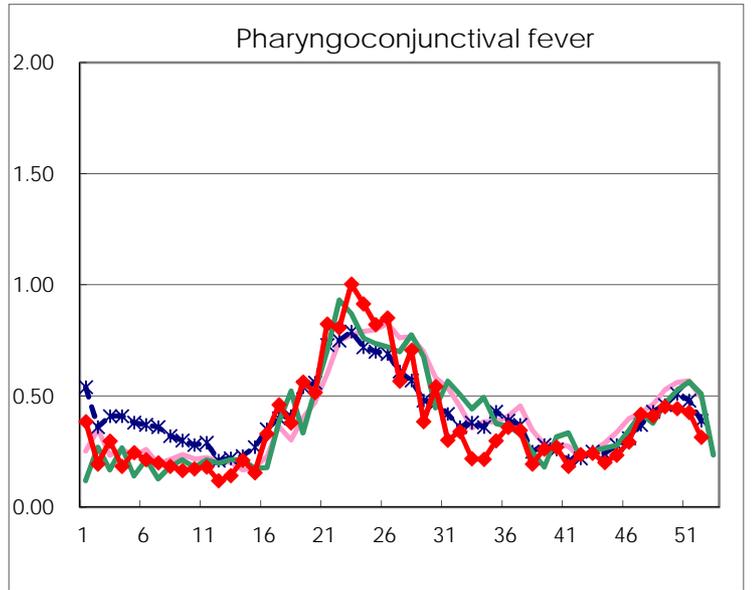
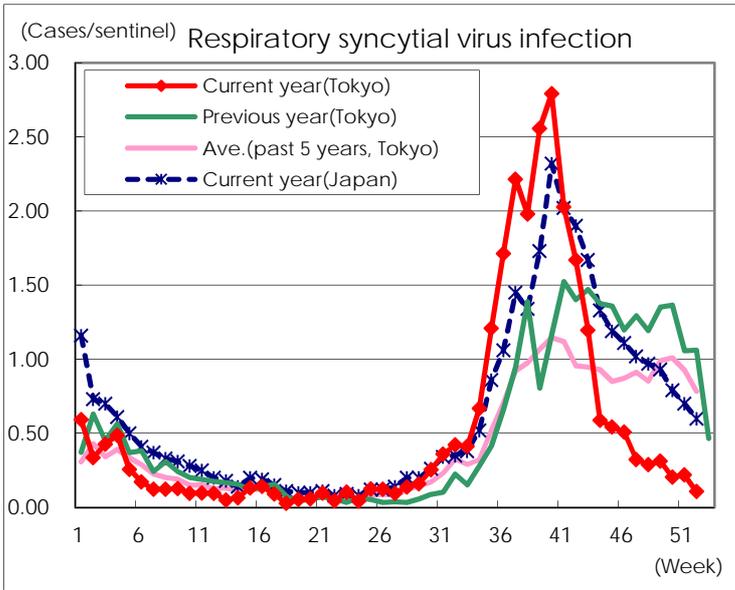
Category	Diseases	Tokyo					Japan	
		49th	50th	51st	52nd	Cum 2016	52nd	Cum 2016
V	Amebiasis	7	7	3	2	222	10	1,133
	Viral hepatitis(excluding hepatitis A and E)	2	1		1	69	2	273
	CRE infection	2	1	2	4	190	19	1,555
	Acute encephalitis(excluding JE and WNE)	1	1			85	8	750
	Cryptosporidiosis					2		14
	Creutzfeldt-Jakob disease					16		172
	Severe invasive streptococcal infections(TSLS)				2	65	6	492
	Acquired immunodeficiency syndrome (AIDS)	4	10	8	5	464	10	1,428
	Giardiasis			1	1	17		71
	Invasive <i>Haemophilus influenzae</i> disease		2	1		46	3	307
	Invasive meningococcal disease					5		43
	Invasive pneumococcal disease	11	9	10	10	356	60	2,693
	Varicella (limited to hospitalized case)	3			2	56	2	313
	Congenital rubella syndrome							
	Syphilis	33	31	24	17	1,672	49	4,518
	Disseminated cryptococcosis	1			2	20	4	136
	Tetanus					4	2	128
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection					2		61
	Rubella					19		125
Measles					22	1	159	
MDRA infection					1		33	

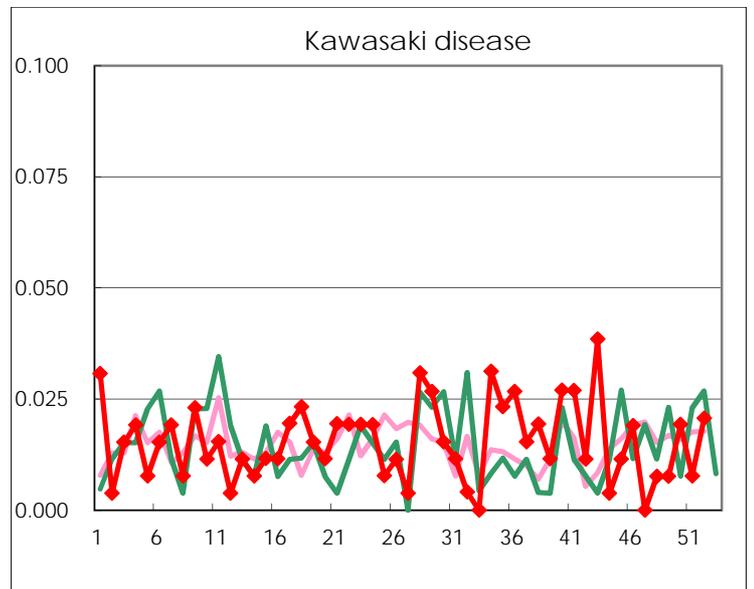
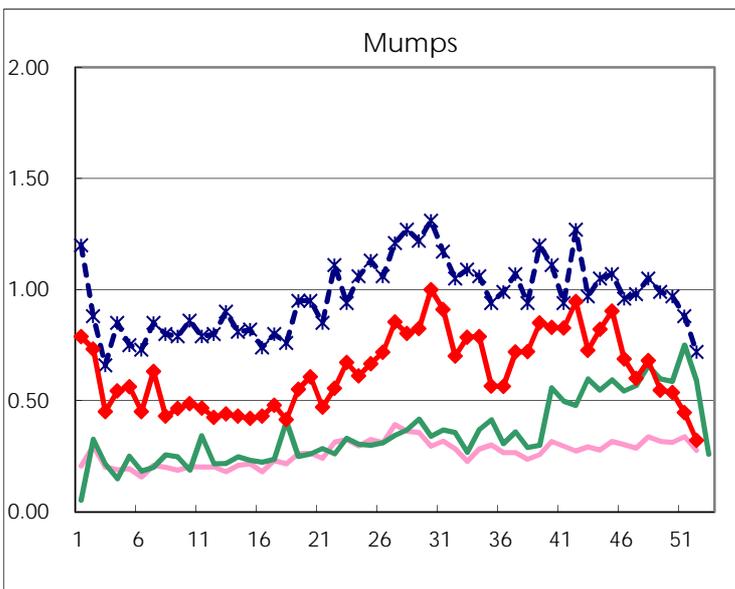
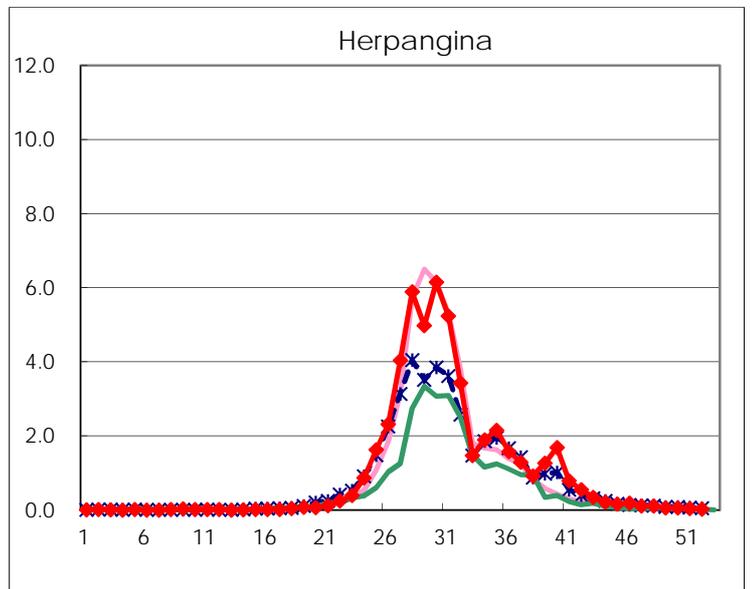
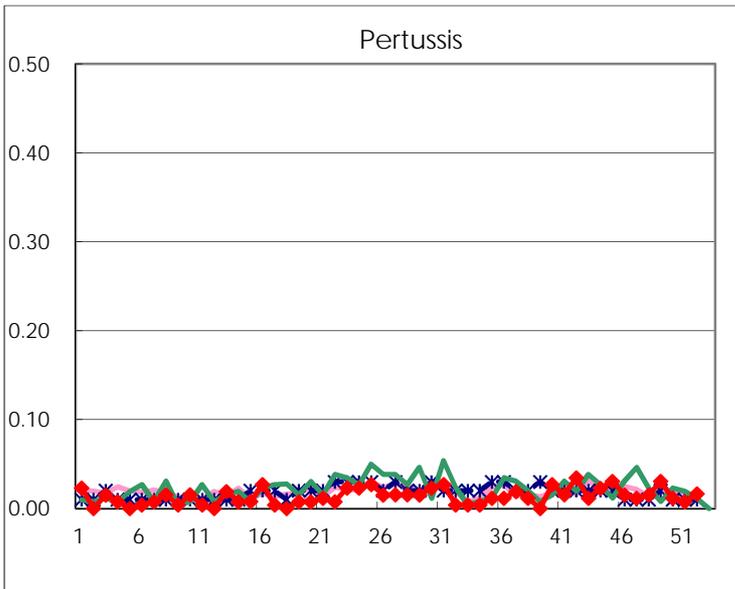
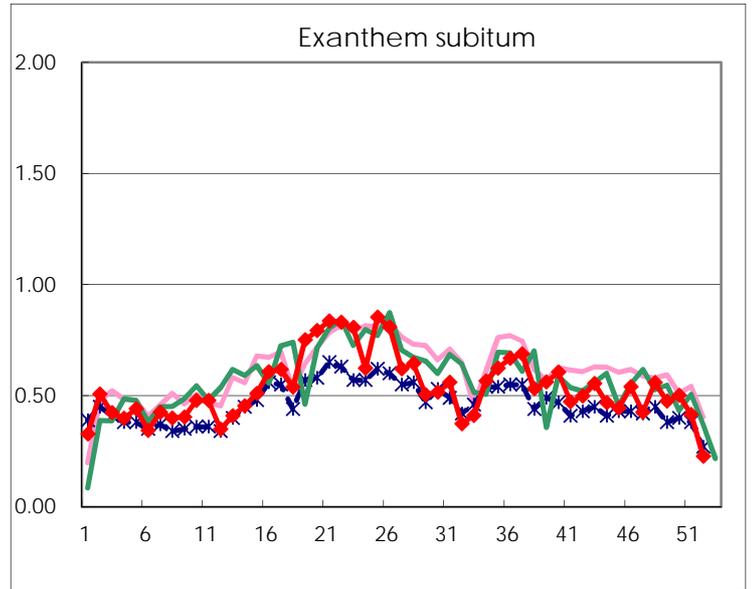
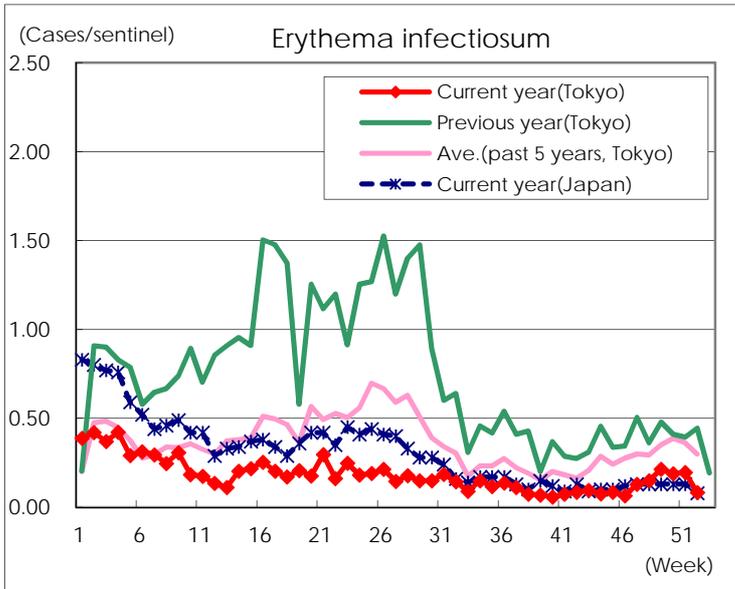
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

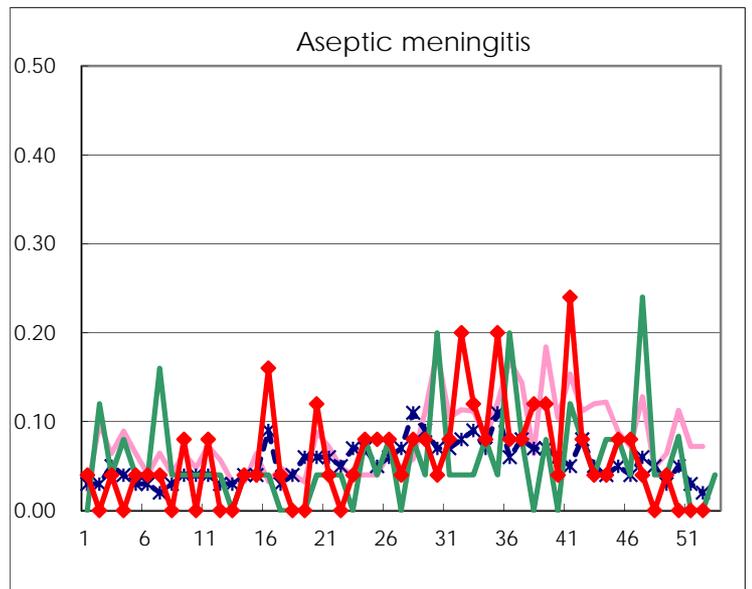
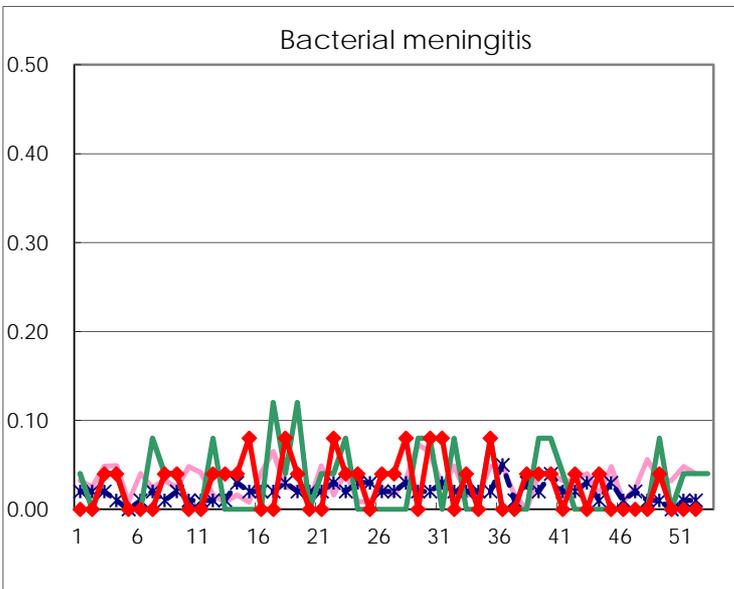
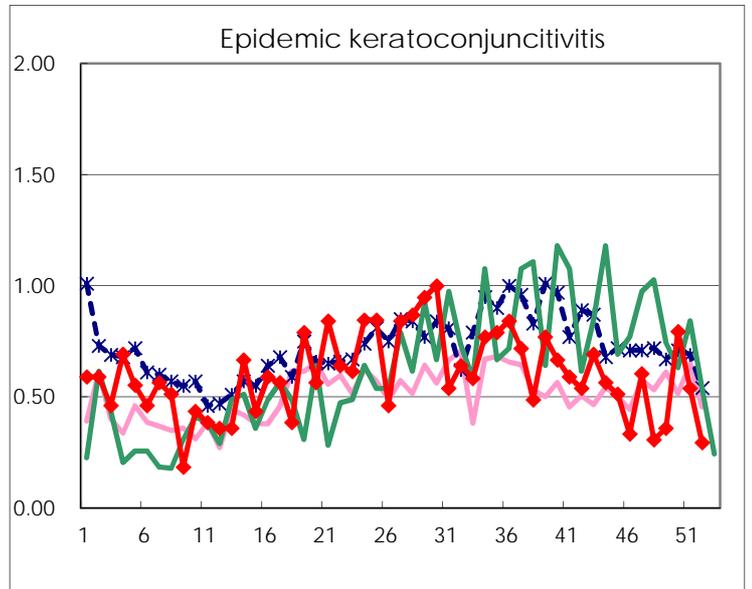
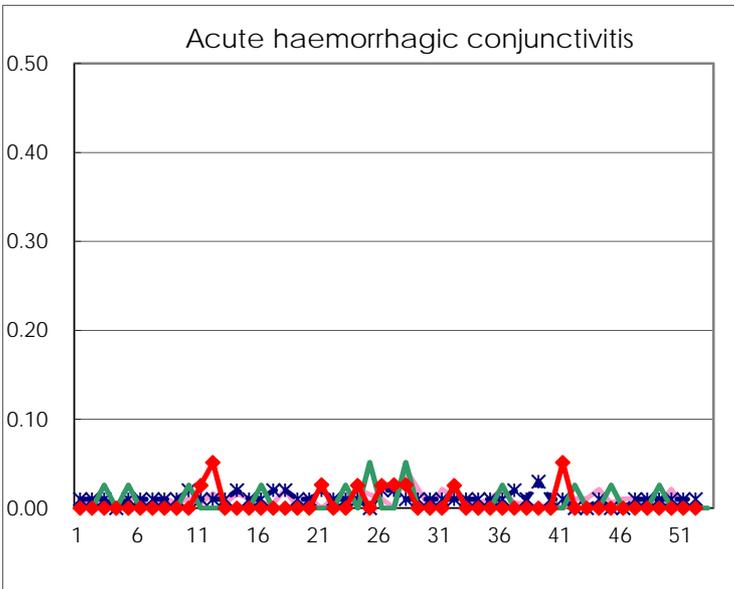
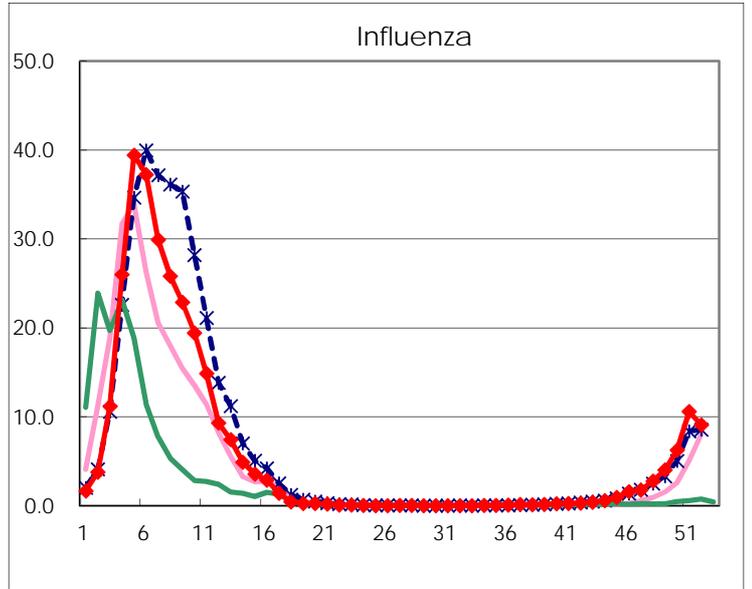
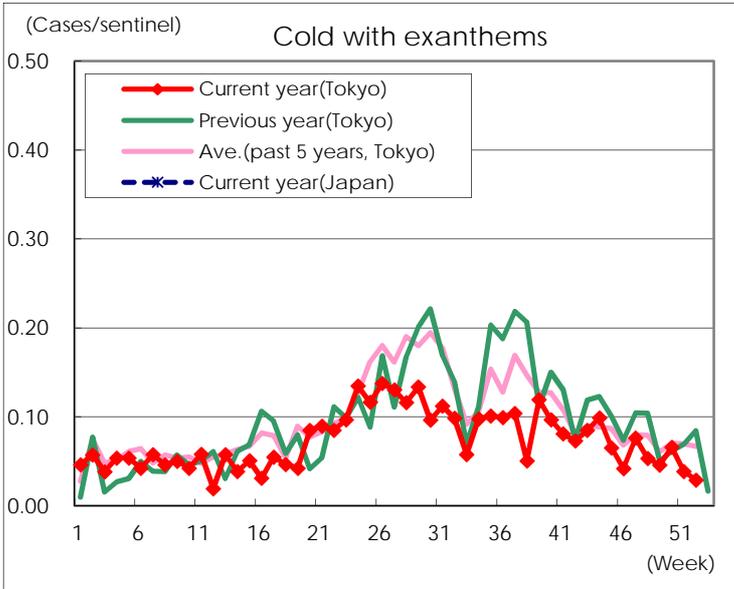
Diseases	Tokyo				
	49th	50th	51st	52nd	/sentinel
Respiratory syncytial virus infection	82	53	57	26	0.11
Pharyngoconjunctival fever	119	115	111	76	0.31
Group A streptococcal pharyngitis	741	673	587	307	1.27
Infectious gastroenteritis	7,164	7,380	5,368	2,454	10.14
Chickenpox	160	182	144	114	0.47
Hand, foot, and mouth disease	117	99	73	37	0.15
Erythema infectiosum	56	49	51	20	0.08
Exanthem subitum	125	130	108	55	0.23
Pertussis	8	3	2	4	0.02
Herpangina	15	15	12	6	0.02
Mumps	144	139	116	78	0.32
Kawasaki disease	2	5	2	5	0.02
Cold with exanthems	12	17	10	7	0.03
Influenza	1,675	2,576	4,360	3,461	9.08
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	14	31	21	10	0.29
Bacterial meningitis	1				
Aseptic meningitis	1				
Mycoplasma pneumonia	34	34	22	6	0.24
Chlamydial pneumonia (excluding psittacosis)	1	1	3	1	0.04
Infectious gastroenteritis (only by Rotavirus)	1	1		2	0.08
Influenza-Associated Hospitalizations	4	17	30	39	1.56

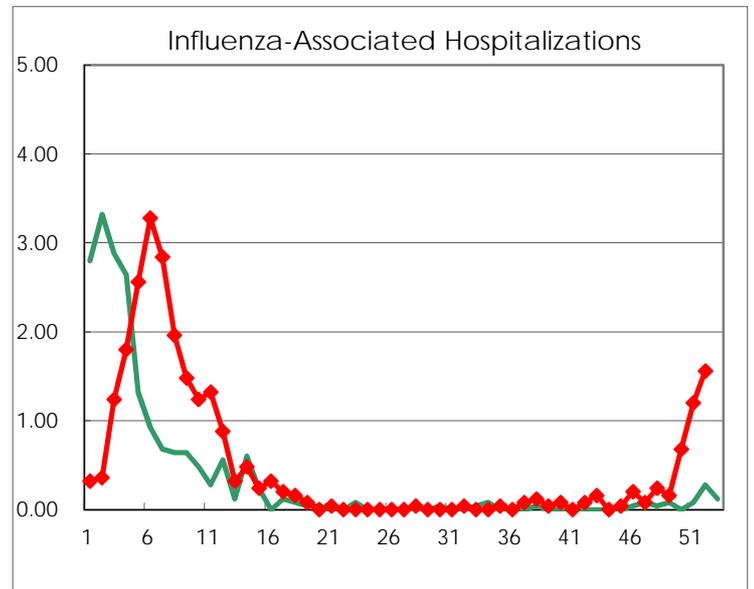
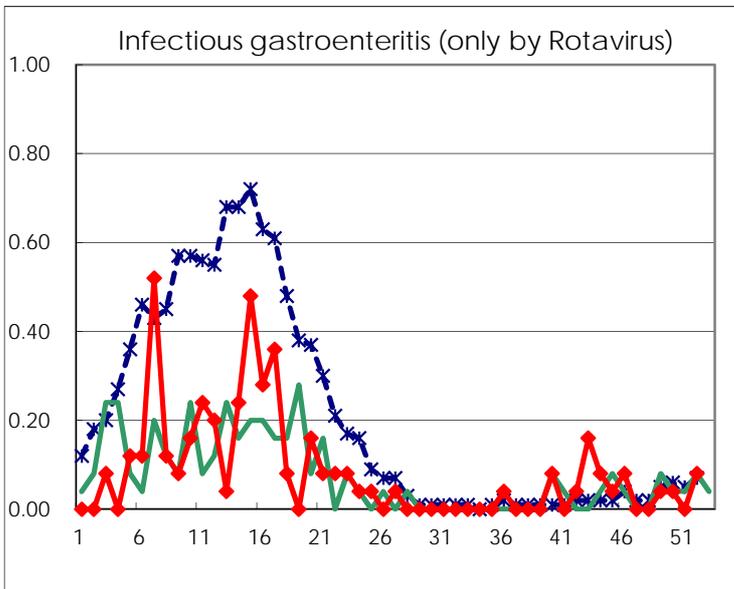
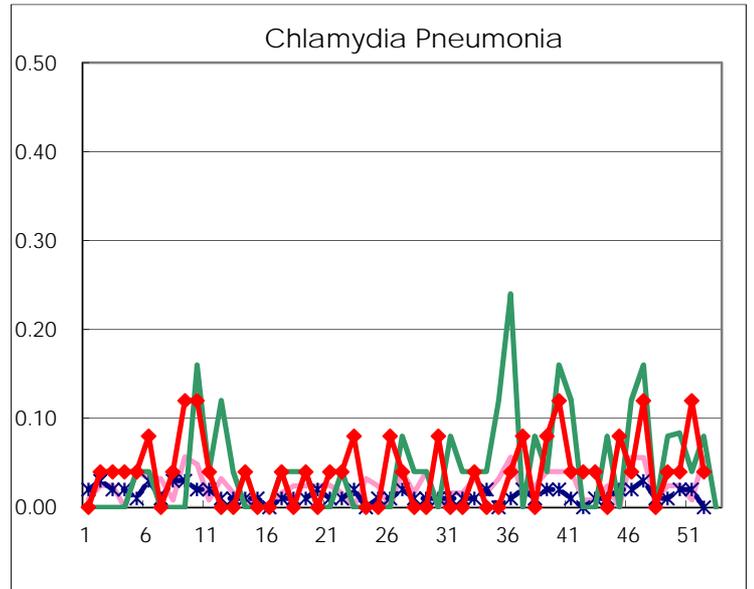
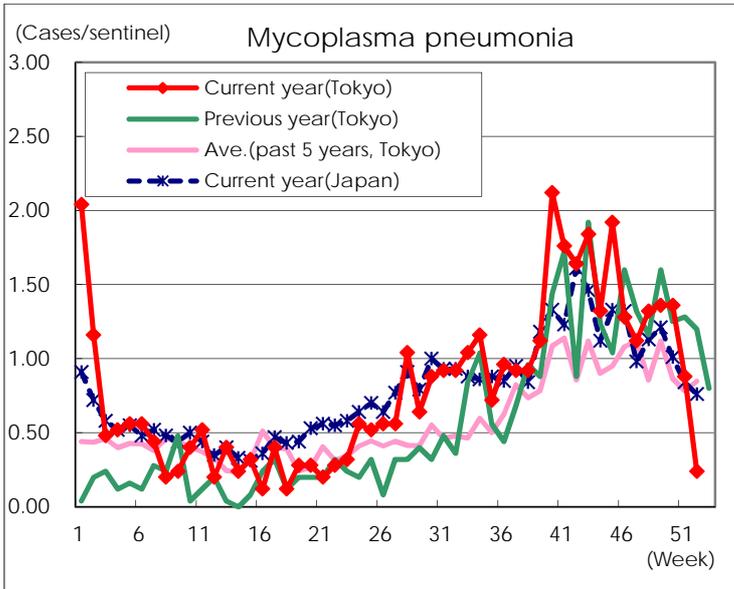
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	242
Influenza	419	381
Ophthalmic	39	34
Specially-designated	25	25