

16 March 2017 / Number 10

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	
		7th	8th	9th	10th	Cum 2017	10th	Cum 2017
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	55	75	66	51	618	288	3,911
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
III	Avian influenza H5N1							
	Avian influenza H7N9							
	Cholera							
	Shigellosis		1		1	10	2	35
	Enterohemorrhagic Escherichia coli infection	1		2		11	10	112
IV	Typhoid fever					1		4
	Paratyphoid fever				1	1	1	3
	Hepatitis E	1	2	4		13	6	72
	West Nile fever							
	Hepatitis A	2	1	5	5	17	9	44
	Echinococcosis						1	6
	Yellow fever							
	Psittacosis						1	2
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Zika virus infection							1
	Severe Fever with Thrombocytopenia Syndrome						1	1
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							1
	Scrub typhus(Tsutsugamushi disease)					2		37
	Dengue fever		1			8	1	31
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						1	4
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
Brucellosis							1	
Venezuelan equine encephalitis								
Hendra virus infection								
Epidemic typhus								
Botulism			1		1		1	
Malaria					2		7	
Tularemia								
Lyme disease								
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	4	2	4	2	26	13	173	
Leptospirosis					1		2	
Rocky mountain spotted fever								

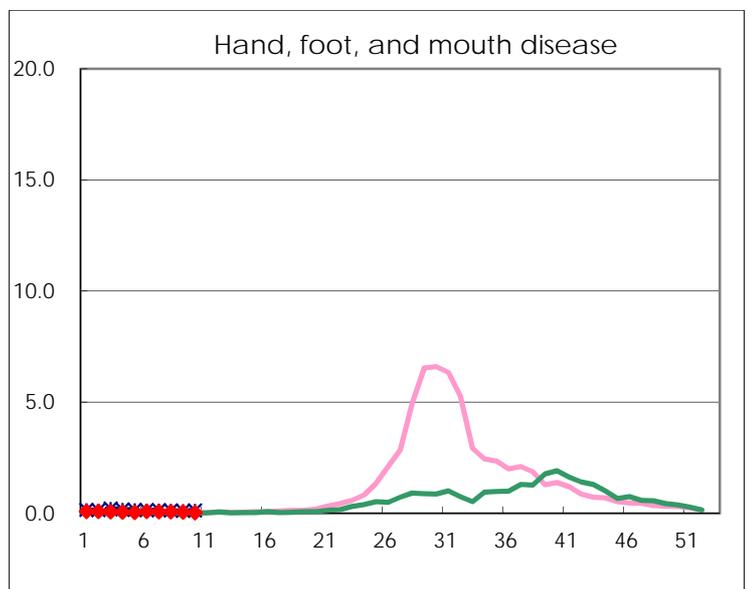
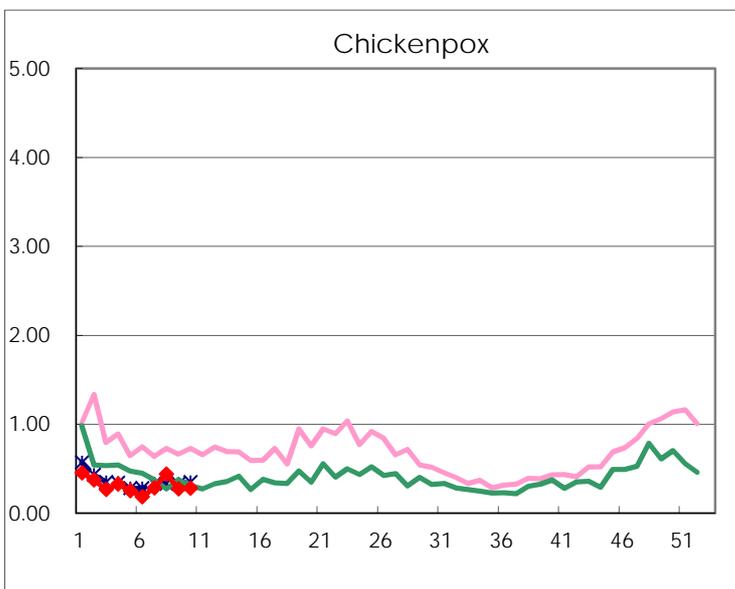
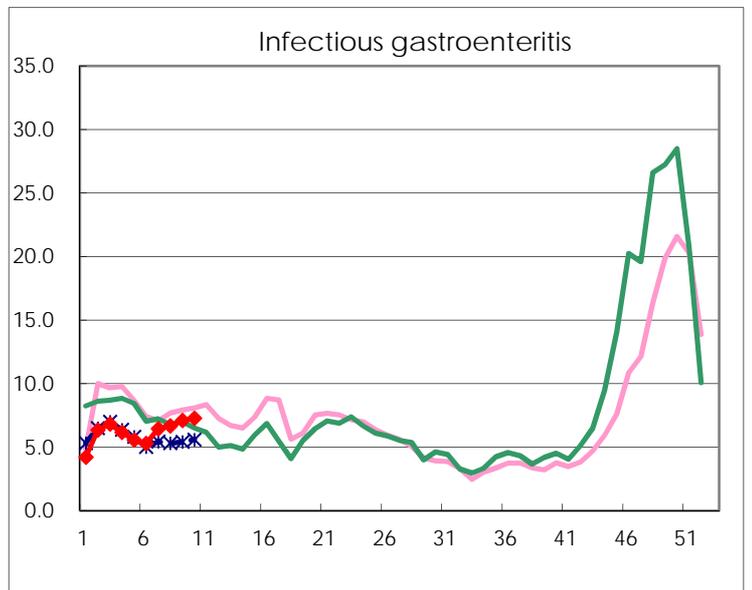
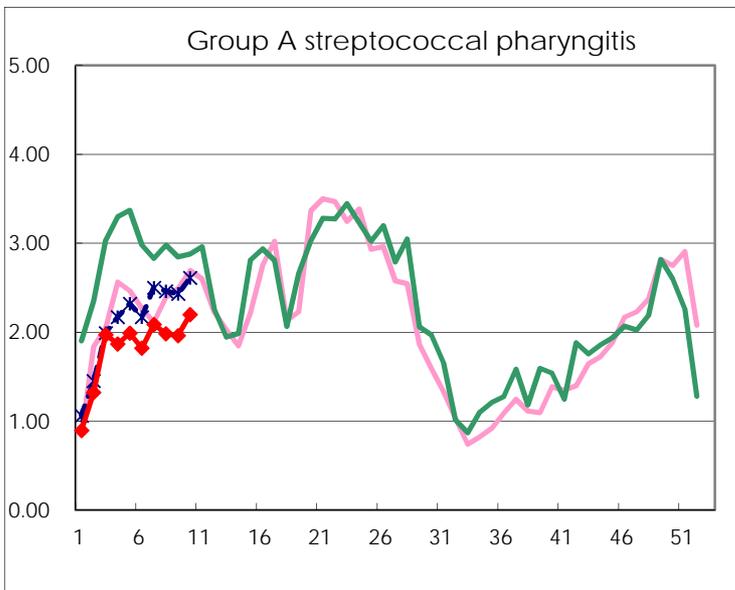
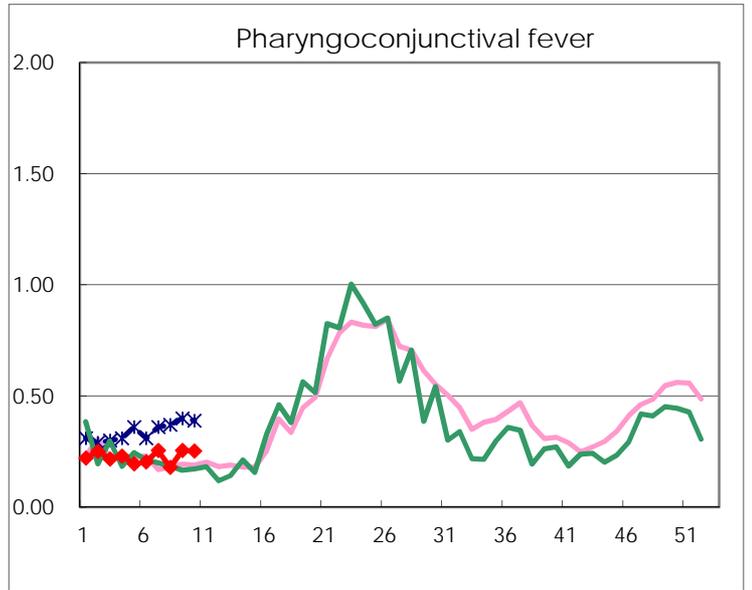
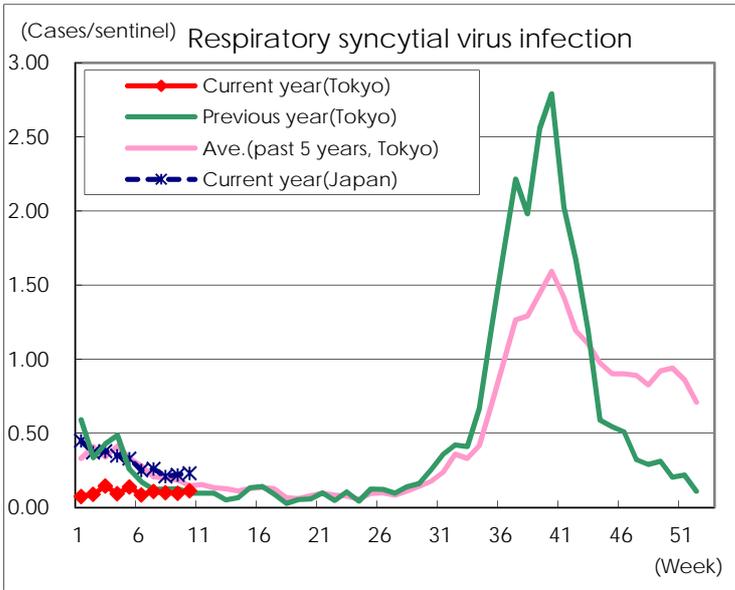
Category	Diseases	Tokyo					Japan	
		7th	8th	9th	10th	Cum 2017	10th	Cum 2017
V	Amebiasis	7	7	2	4	46	11	212
	Viral hepatitis(excluding hepatitis A and E)	3			1	9	4	54
	CRE infection	2	2	3	2	31	9	256
	Acute encephalitis(excluding JE and WNE)	2	1	1		16	8	164
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease	1	1		2	6		31
	Severe invasive streptococcal infections(TSLS)	2	1		2	13	5	105
	Acquired immunodeficiency syndrome (AIDS)	4	9	12	3	89	24	242
	Giardiasis			3		4		8
	Invasive <i>Haemophilus influenzae</i> disease					9	2	80
	Invasive meningococcal disease							5
	Invasive pneumococcal disease	11	9	13	9	95	42	731
	Varicella (limited to hospitalized case)	1	1			7	7	43
	Congenital rubella syndrome							
	Syphilis	29	23	44	27	271	62	847
	Disseminated cryptococcosis	1			1	5	1	27
	Tetanus	1				1		7
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection					3		19
	Rubella				1	1	3	14
Measles	1				3	7	51	
MDRA infection							7	

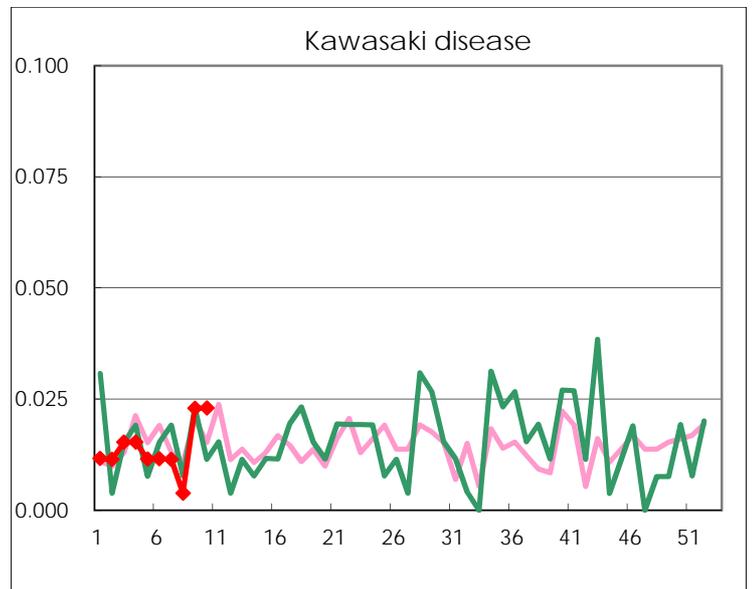
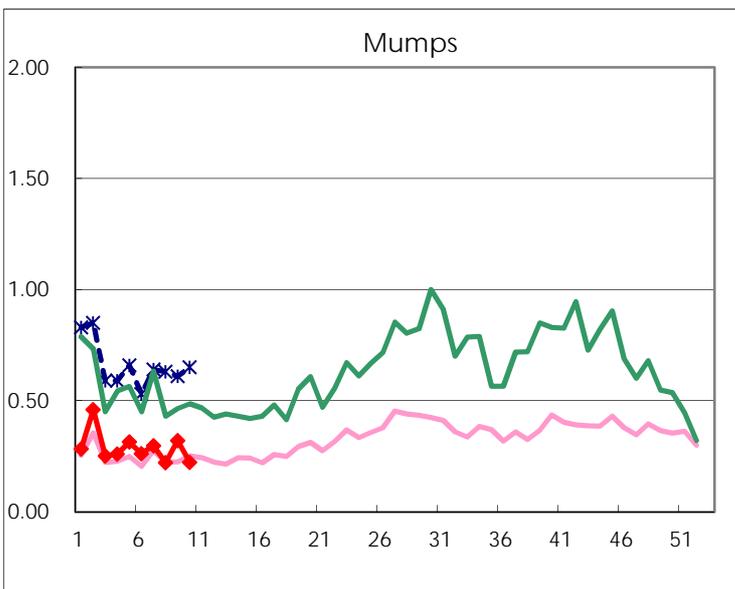
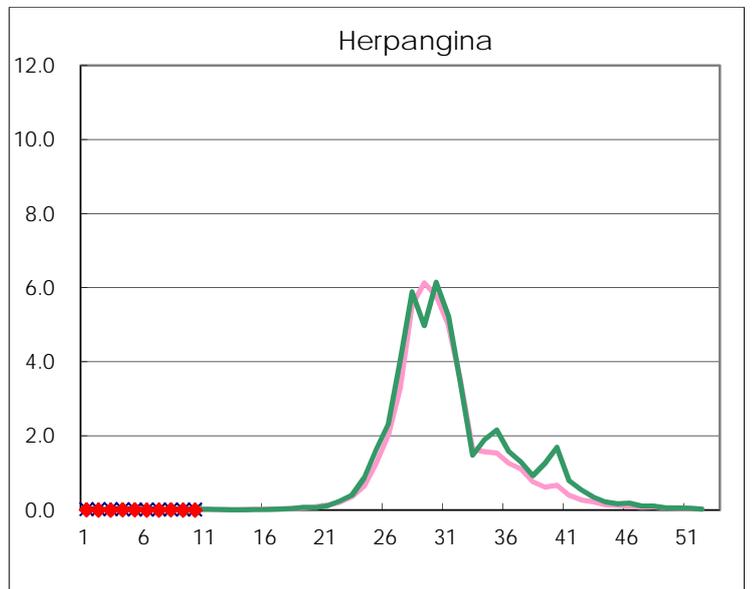
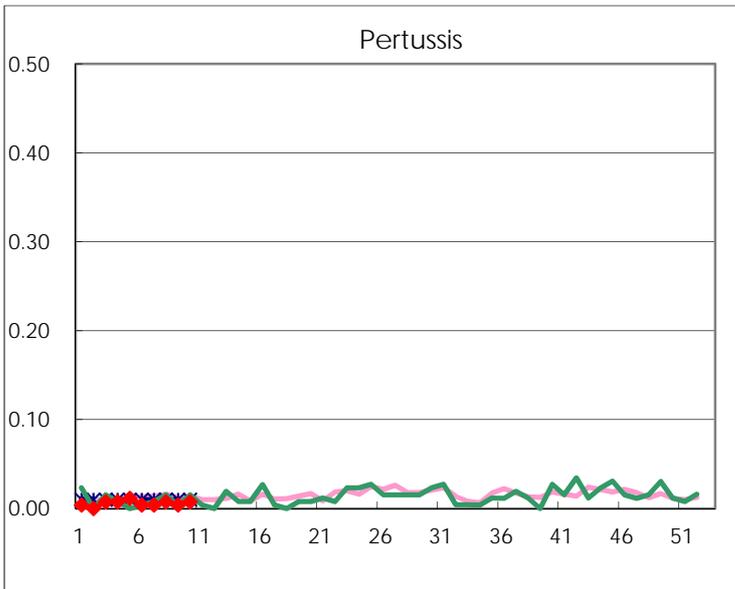
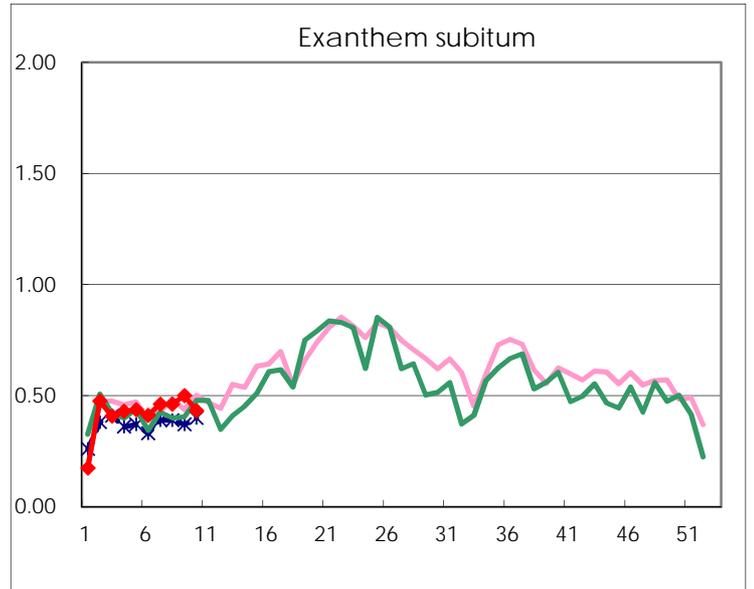
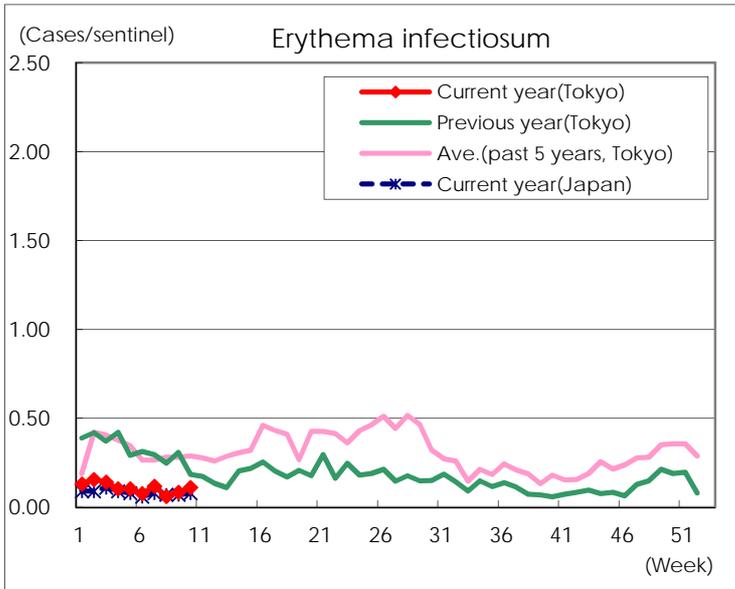
Number of patients with the diseases to be reported
by the designated clinics and hospitals

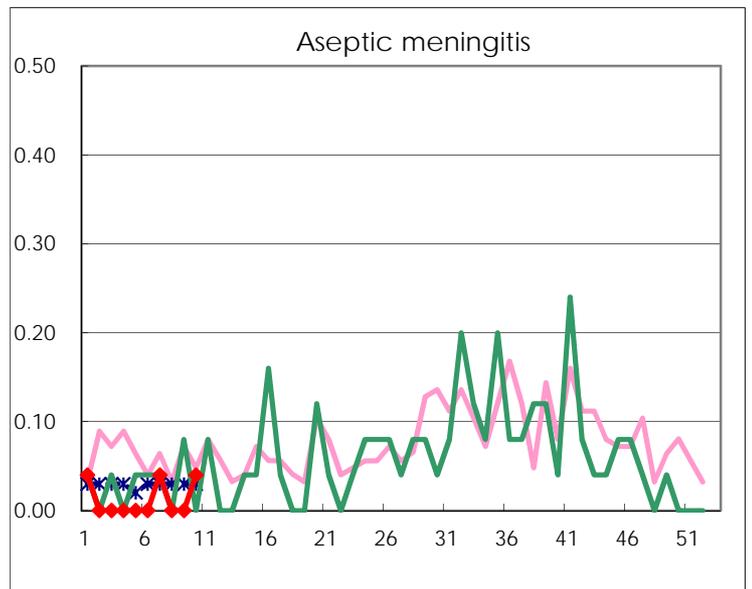
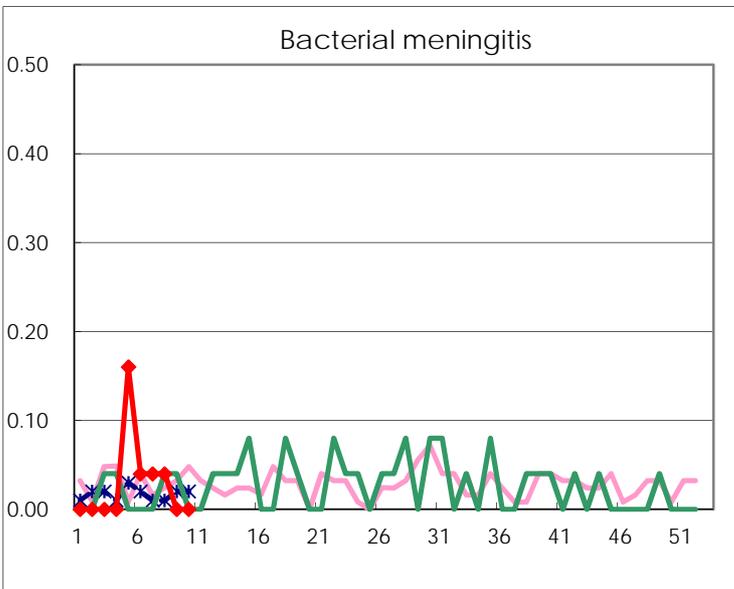
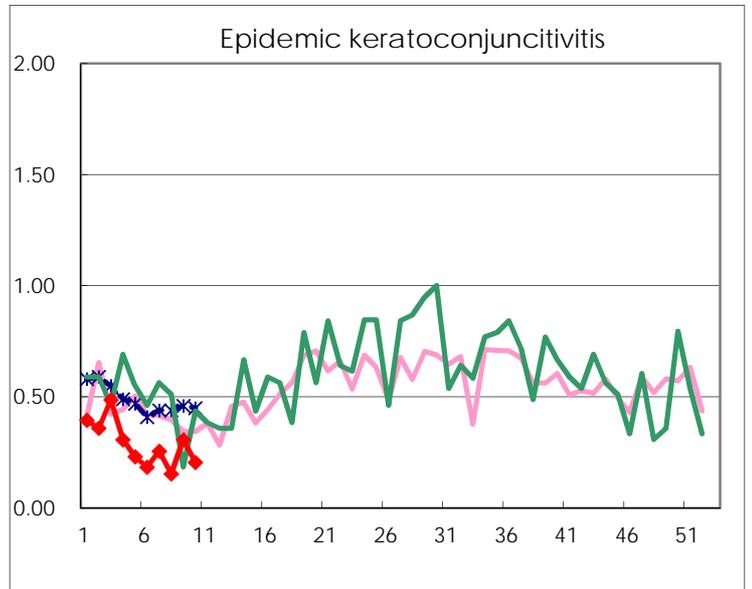
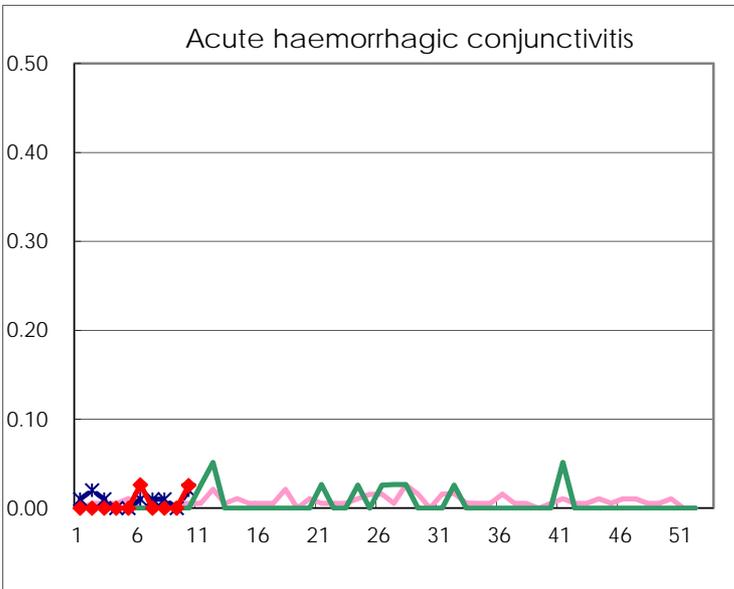
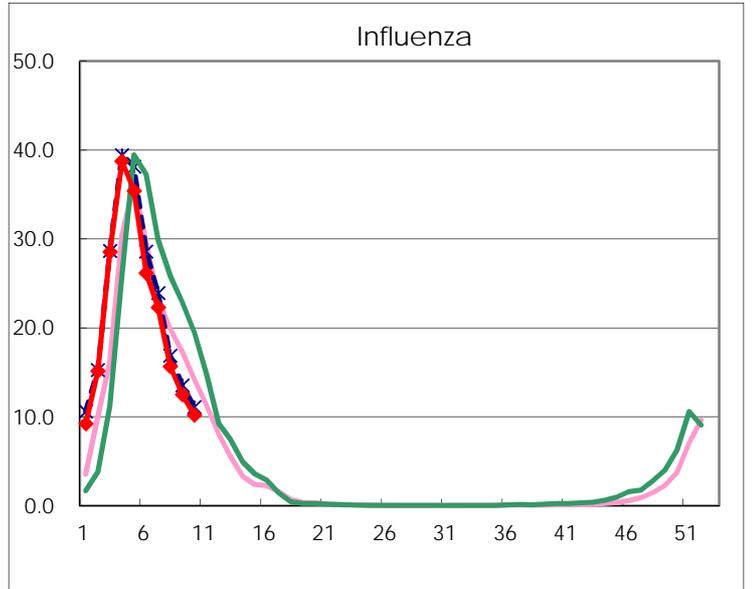
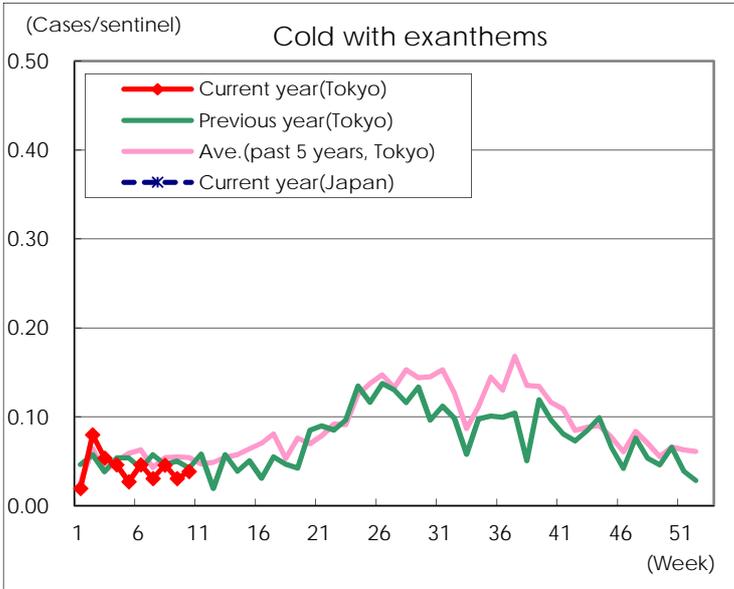
Diseases	Tokyo				
	7th	8th	9th	10th	/sentinel
Respiratory syncytial virus infection	28	26	25	29	0.11
Pharyngoconjunctival fever	67	47	67	66	0.25
Group A streptococcal pharyngitis	547	519	514	574	2.20
Infectious gastroenteritis	1,689	1,744	1,859	1,898	7.27
Chickenpox	74	115	72	73	0.28
Hand, foot, and mouth disease	19	19	17	9	0.03
Erythema infectiosum	31	16	22	29	0.11
Exanthem subitum	121	121	131	113	0.43
Pertussis	1	2	1	2	0.01
Herpangina	1	3	1	1	
Mumps	78	58	84	58	0.22
Kawasaki disease	3	1	6	6	0.02
Cold with exanthems	8	12	8	10	0.04
Influenza	9,277	6,516	5,181	4,220	10.19
Acute hemorrhagic conjunctivitis				1	0.03
Epidemic keratoconjunctivitis	10	6	12	8	0.21
Bacterial meningitis	1	1			
Aseptic meningitis	1			1	0.04
Mycoplasma pneumonia	7	6	5	3	0.12
Chlamydial pneumonia (excluding psittacosis)			1		
Infectious gastroenteritis (only by Rotavirus)	7	14	12	21	0.84
Influenza-Associated Hospitalizations	83	32	21	25	1.00

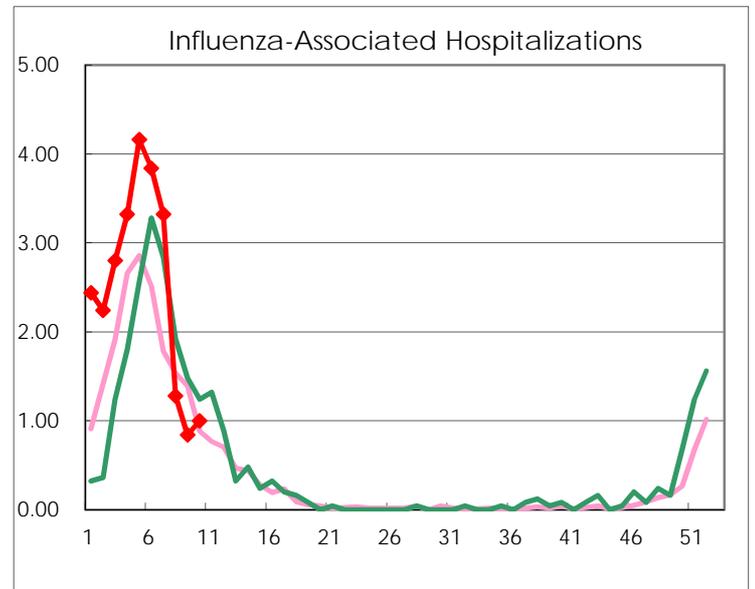
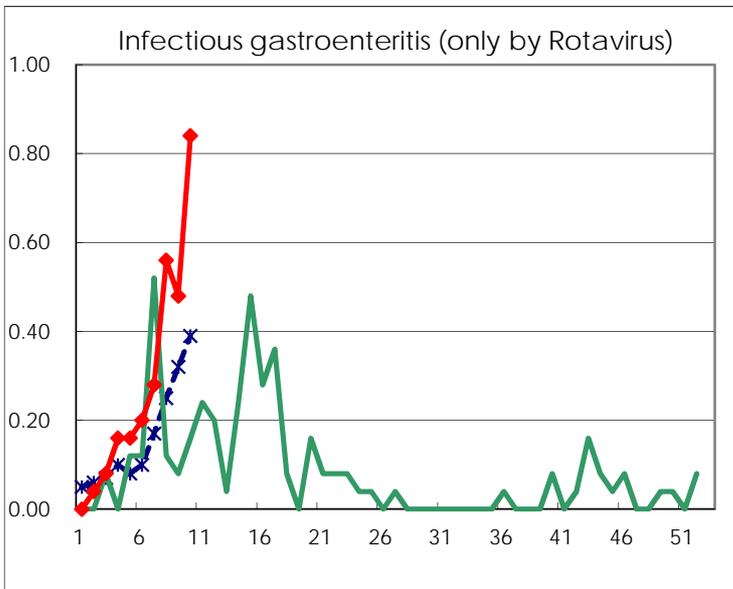
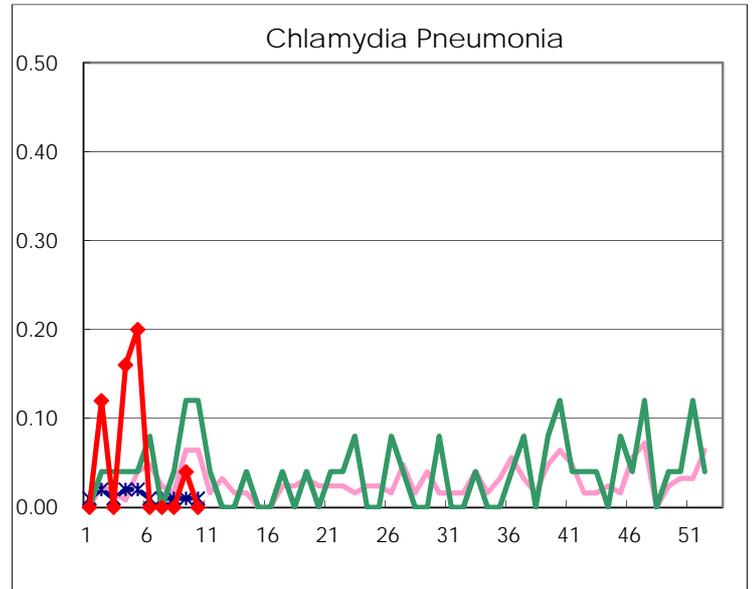
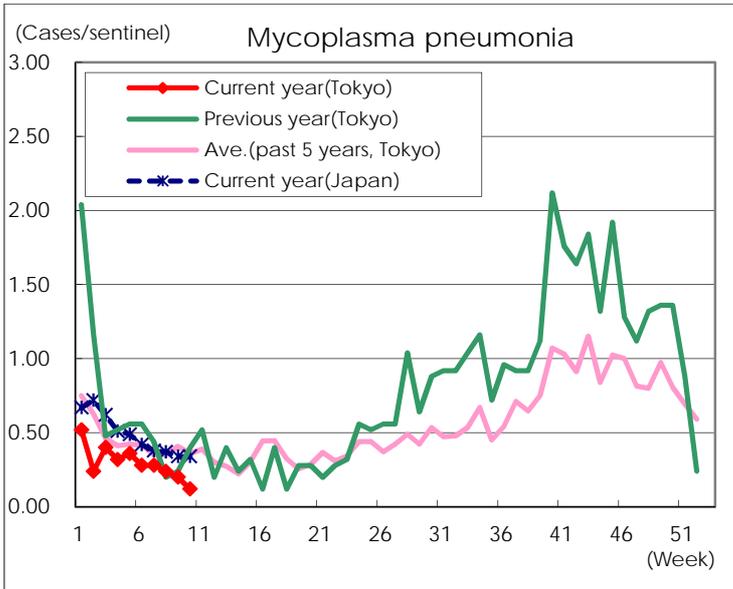
(Blank means 0.)

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	39
Specially-designated	25	25