

14 January 2016 / Number 1

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	
		51st	52nd	53rd	1st	Cum 2016	1st	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	57	49	37	63	63	310	310
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
III	Avian influenza H5N1							
	Avian influenza H7N9							
	Cholera							
	Shigellosis				1	1	2	2
	Enterohemorrhagic Escherichia coli infection	3	1		1	1	10	10
IV	Typhoid fever		1					
	Paratyphoid fever						1	1
	Hepatitis E	1	5		2	2	9	9
	West Nile fever							
	Hepatitis A						2	2
	Echinococcosis							
	Yellow fever							
	Psittacosis							
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Severe Fever with Thrombocytopenia Syndrome							
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							
	Scrub typhus(Tsutsugamushi disease)		1				8	8
	Dengue fever	5	1	1	3	3	9	9
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						1	1
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							
	Venezuelan equine encephalitis							
Hendra virus infection								
Epidemic typhus								
Botulism								
Malaria								
Tularemia								
Lyme disease								
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	3	3	1	2	2	14	14	
Leptospirosis								
Rocky mountain spotted fever								

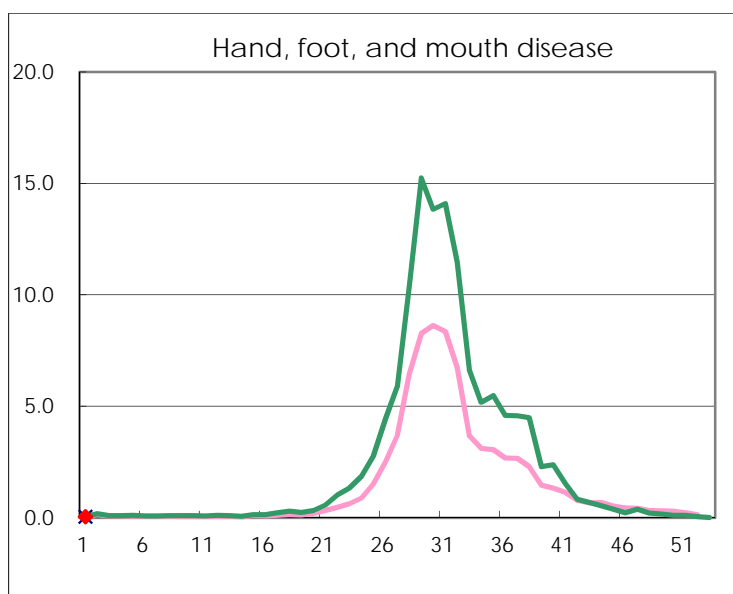
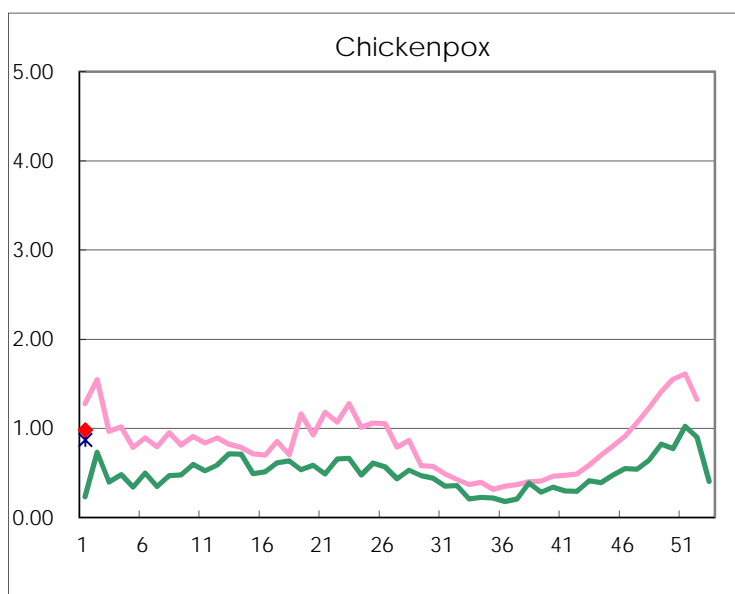
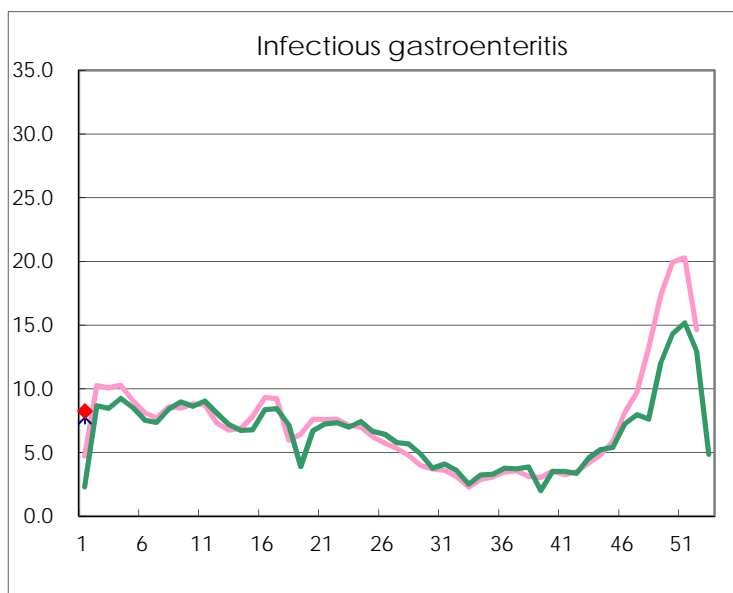
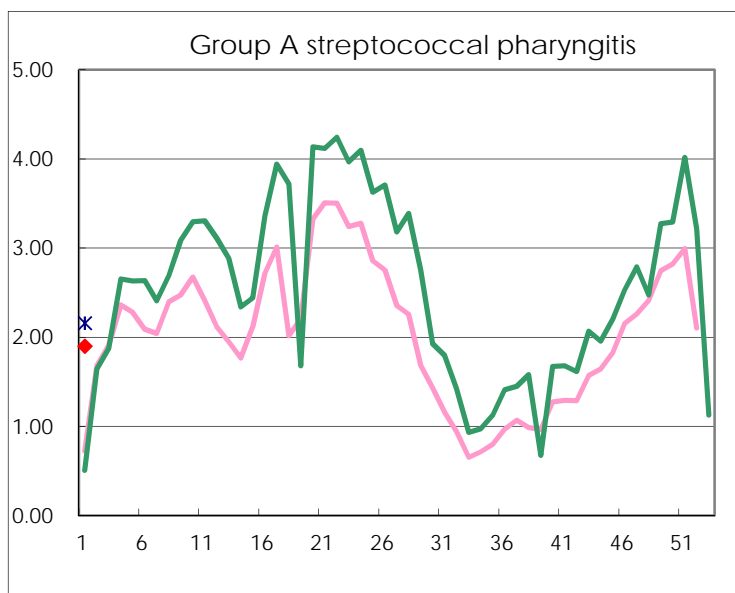
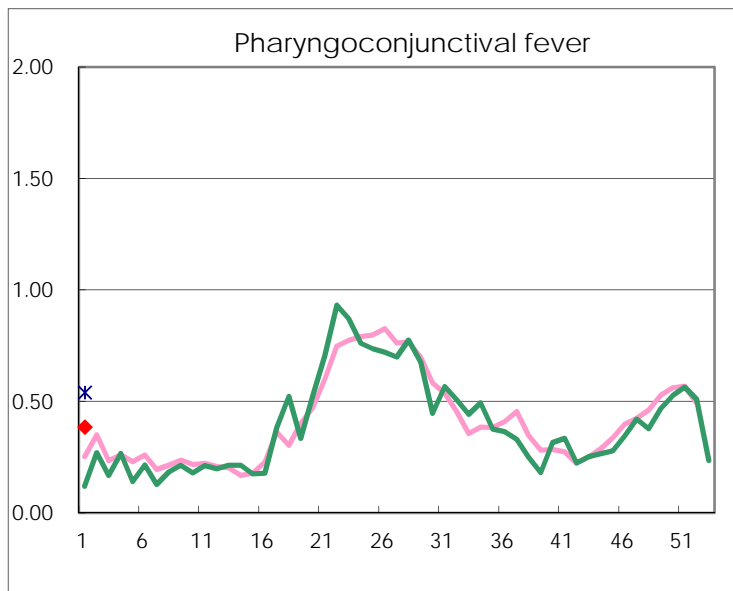
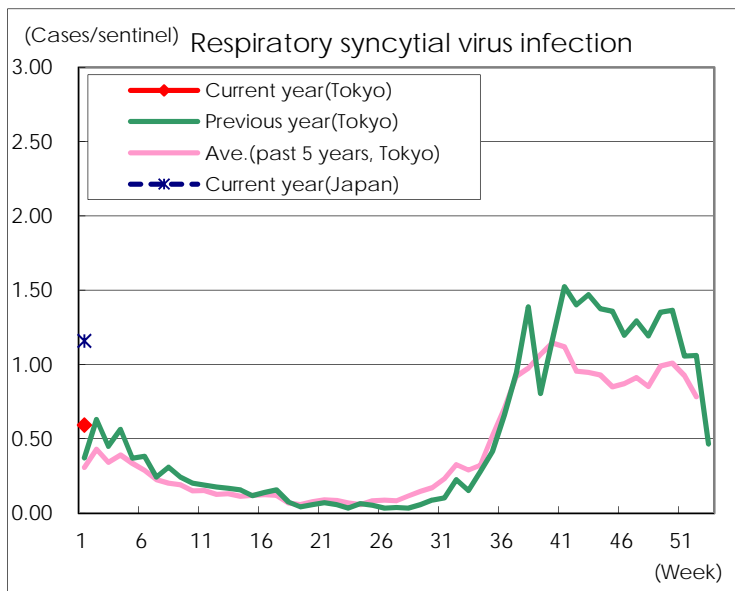
Category	Diseases	Tokyo					Japan	
		51st	52nd	53rd	1st	Cum 2016	1st	Cum 2016
V	Amebiasis	4	6	3	1	1	12	12
	Viral hepatitis(excluding hepatitis A and E)	1	1	1	1	1	4	4
	CRE infection	5	6	1	2	2	15	15
	Acute encephalitis(excluding JE and WNE)		2	1	4	4	7	7
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease						2	2
	Severe invasive streptococcal infections(TSLS)	1			1	1	7	7
	Acquired immunodeficiency syndrome (AIDS)	8	9	5	9	9	18	18
	Giardiasis	1			1	1	1	1
	Invasive <i>Haemophilus influenzae</i> disease	1	1				5	5
	Invasive meningococcal disease						1	1
	Invasive pneumococcal disease	11	6	5	4	4	58	58
	Varicella (limited to hospitalized case)	1	1	1	2	2	6	6
	Congenital rubella syndrome							
	Syphilis	20	24	12	28	28	38	38
	Disseminated cryptococcosis						3	3
	Tetanus							
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection						2	2
	Rubella						3	3
Measles						2	2	
MDRA infection	2	1						

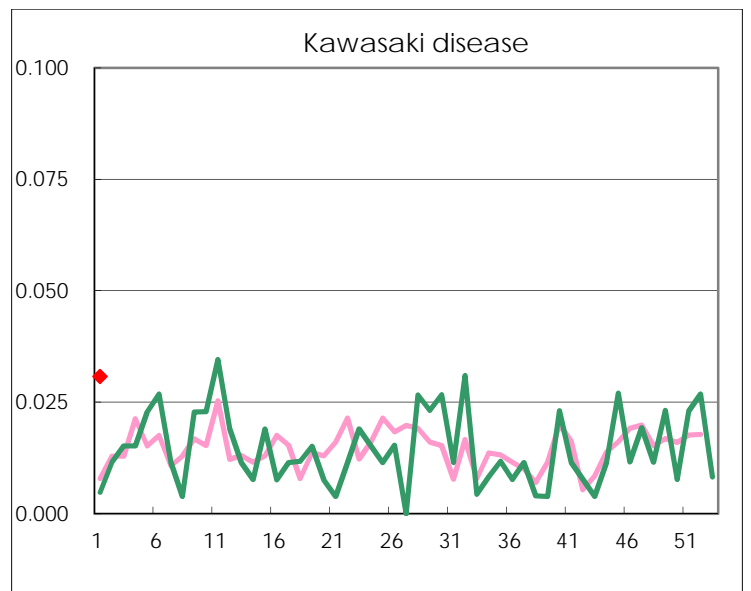
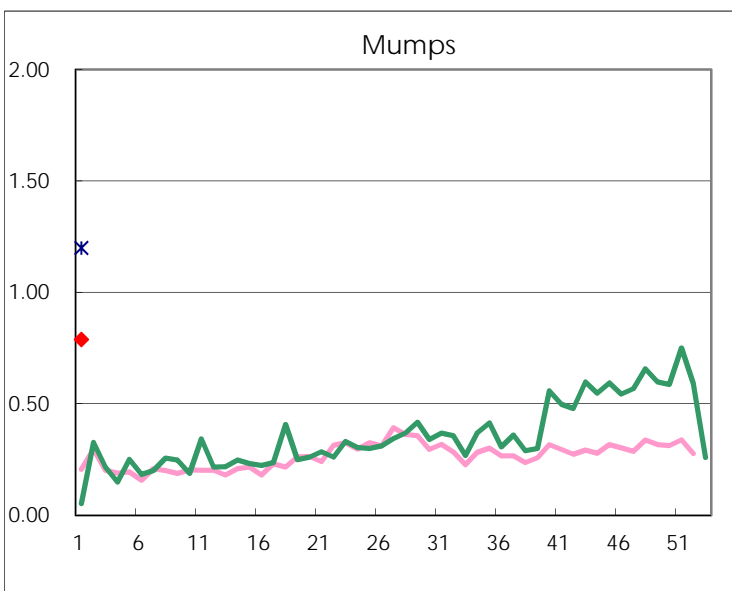
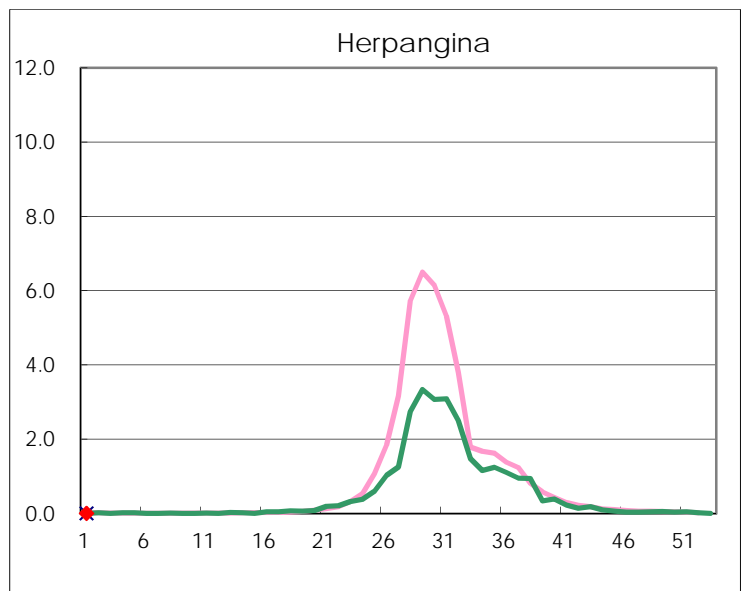
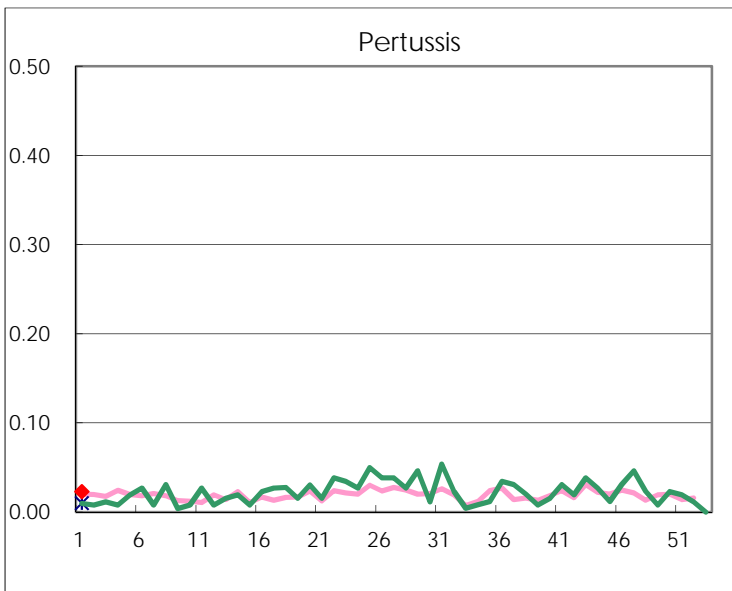
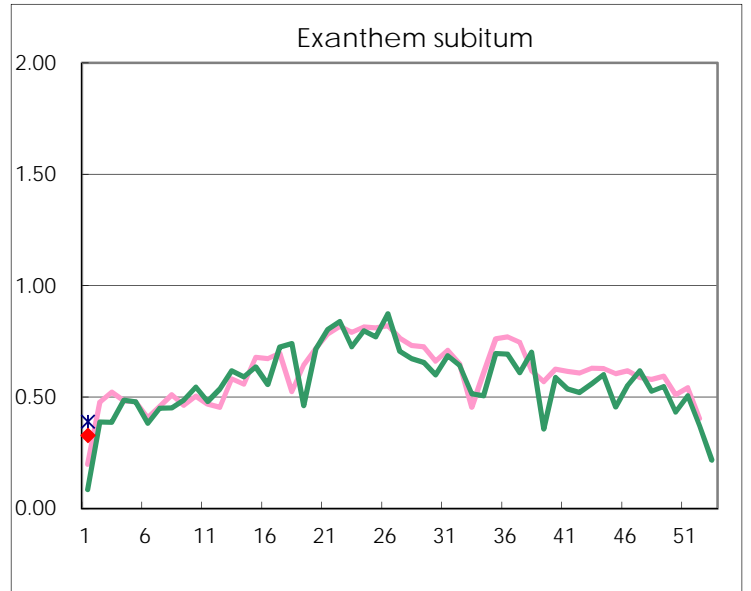
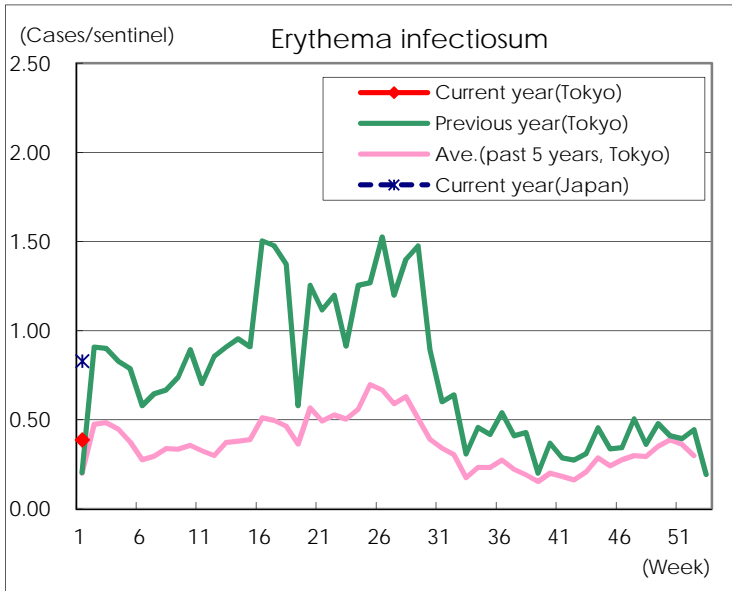
Number of patients with the diseases to be reported
by the designated clinics and hospitals

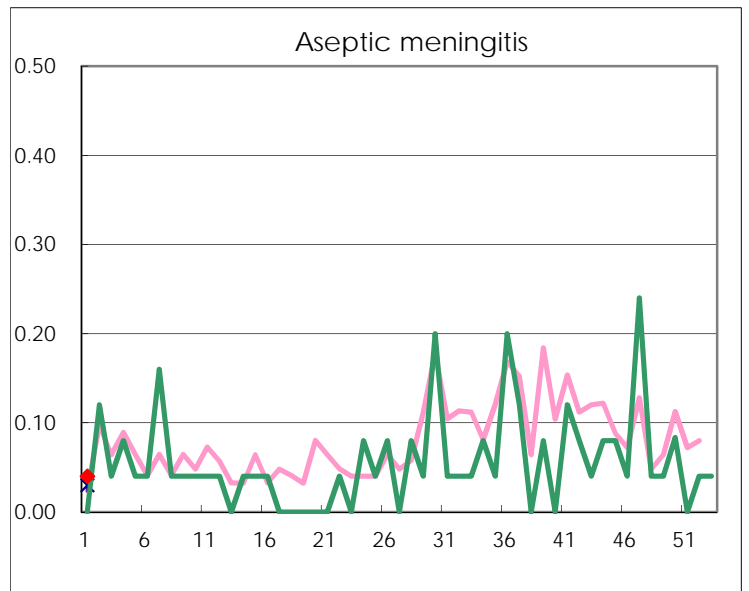
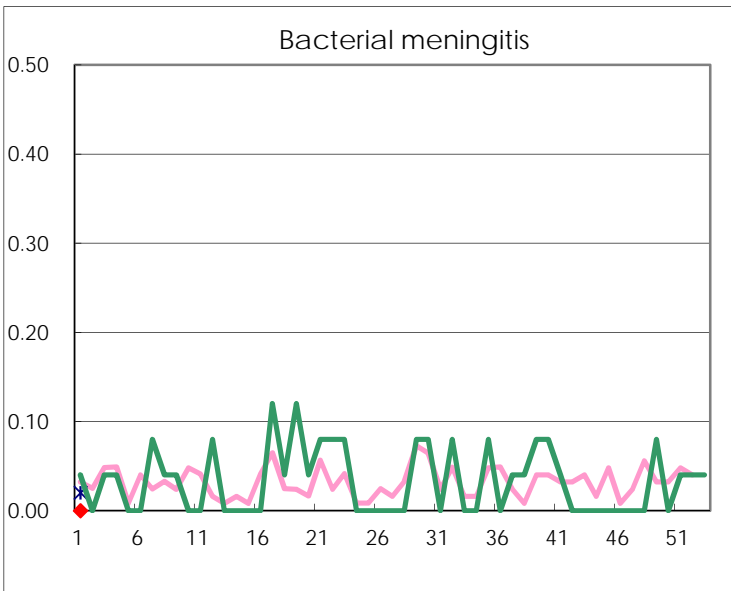
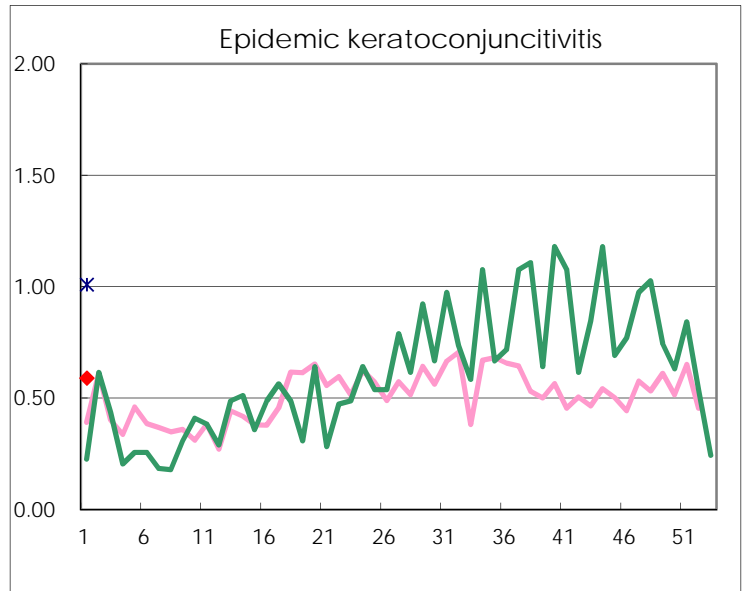
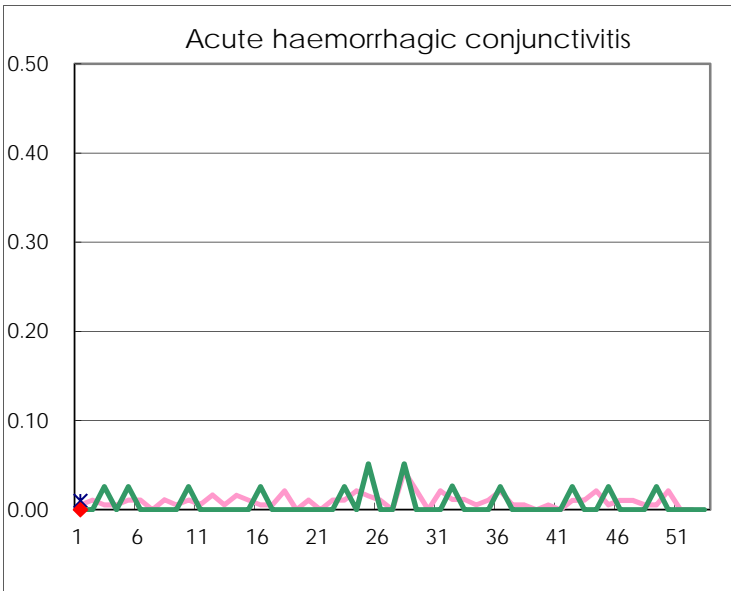
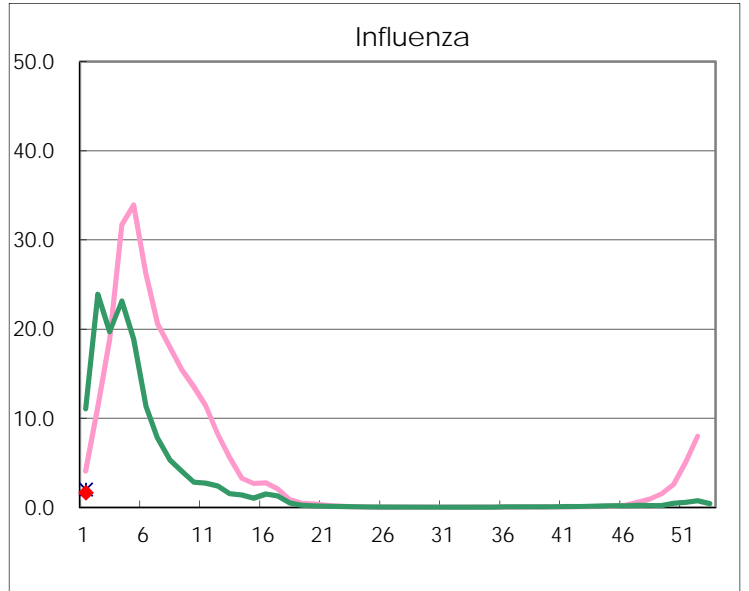
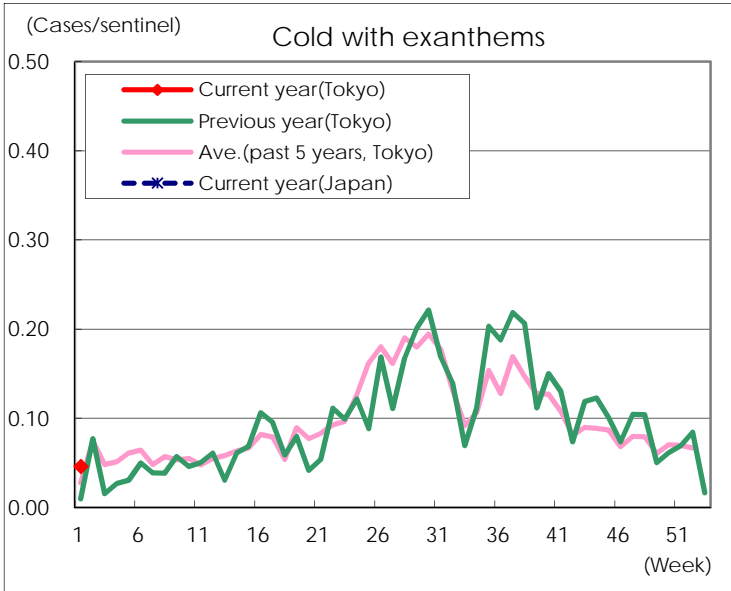
Diseases	Tokyo				
	51st	52nd	53rd	1st	/sentinel
Respiratory syncytial virus infection	276	277	113	154	0.59
Pharyngoconjunctival fever	147	133	57	100	0.38
Group A streptococcal pharyngitis	1,048	839	274	494	1.90
Infectious gastroenteritis	3,957	3,381	1,176	2,142	8.24
Chickenpox	267	235	98	255	0.98
Hand, foot, and mouth disease	27	13	3	11	0.04
Erythema infectiosum	103	116	47	101	0.39
Exanthem subitum	132	97	53	85	0.33
Pertussis	5	3		6	0.02
Herpangina	13	5	2	3	0.01
Mumps	196	154	63	205	0.79
Kawasaki disease	6	7	2	8	0.03
Cold with exanthems	18	22	4	12	0.05
Influenza	231	304	168	681	1.67
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	32	21	9	23	0.59
Bacterial meningitis	1	1	1		
Aseptic meningitis		1	1	1	0.04
Mycoplasma pneumonia	32	29	20	51	2.04
Chlamydial pneumonia (excluding psittacosis)	1	2			
Infectious gastroenteritis (only by Rotavirus)	1	2	1		
Influenza-Associated Hospitalizations	2	7	3	8	0.32

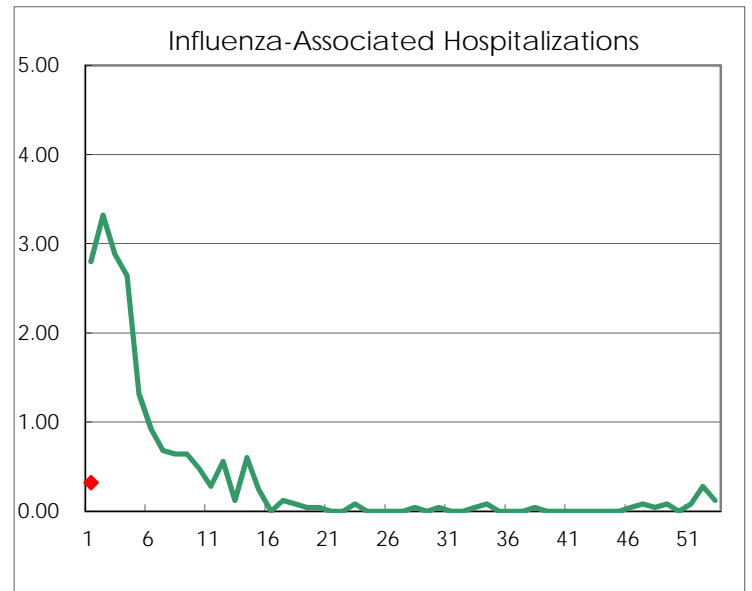
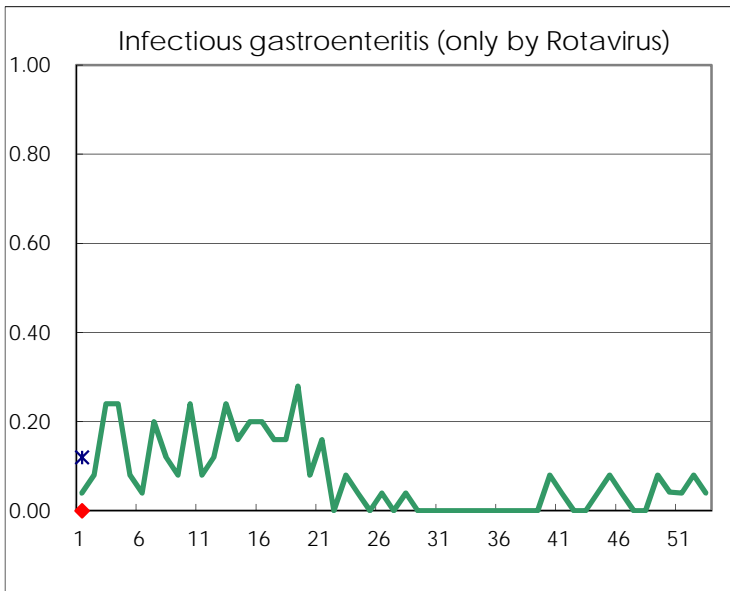
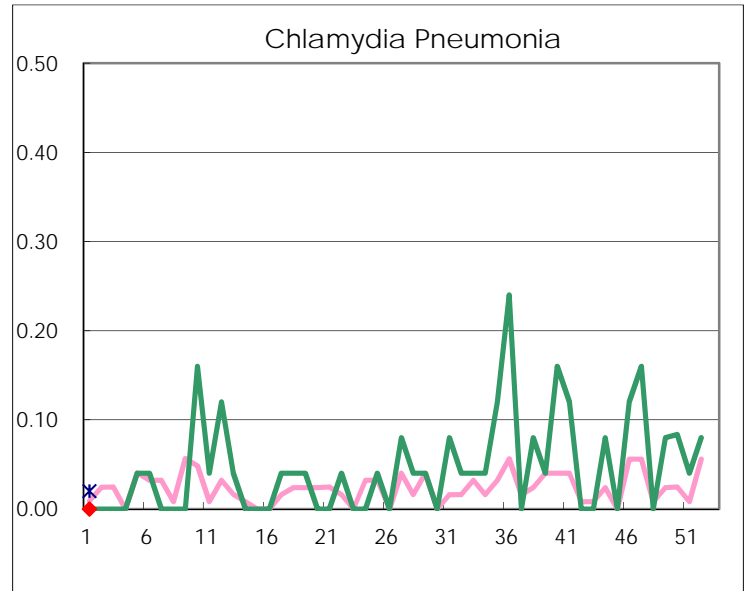
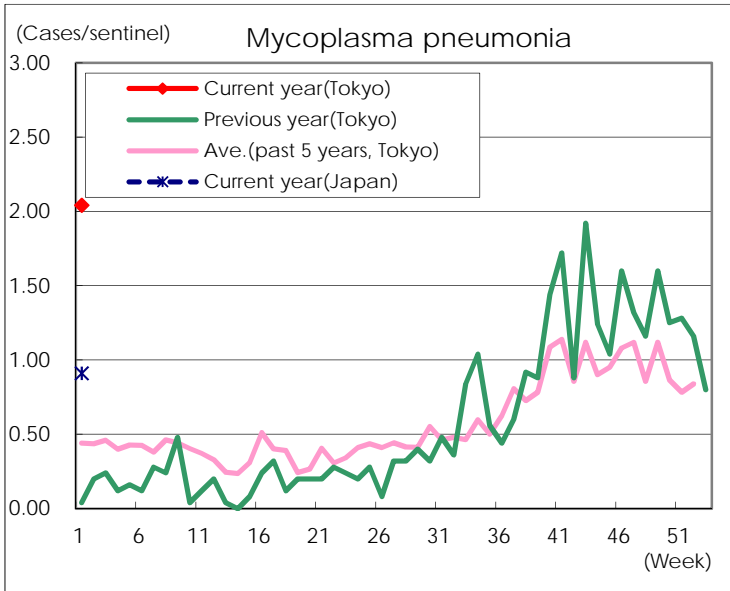
(Blank means 0.)

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	260
Influenza	419	409
Ophthalmic	39	39
Specially-designated	25	25