

2 February 2017 / Number 4

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.

Tokyo Metropolitan Institute of Public Health

TEL:81-3-3363-3213 FAX:81-3-5332-7365

e-mail:www@tokyo-eiken.go.jp

URL:idsc.tokyo-eiken.go.jp/

Number of patients with the diseases which all physicians must report

Category	Diseases	Tokyo					Japan	
		1st	2nd	3rd	4th	Cum 2017	4th	Cum 2017
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	36	67	58	52	213	292	1,310
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
III	Avian influenza H5N1							
	Avian influenza H7N9							
	Cholera							
	Shigellosis	2	1		3	6	6	19
	Enterohemorrhagic Escherichia coli infection		2	3	2	7	15	56
IV	Typhoid fever							
	Paratyphoid fever							
	Hepatitis E	2			1	3	5	19
	West Nile fever							
	Hepatitis A			3		3	3	9
	Echinococcosis							2
	Yellow fever							
	Psittacosis							
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Zika virus infection							1
	Severe Fever with Thrombocytopenia Syndrome							
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							1
	Scrub typhus(Tsutsugamushi disease)		1			1	5	27
	Dengue fever	1	2	2	1	6	3	20
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever							1
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
Brucellosis							1	
Venezuelan equine encephalitis								
Hendra virus infection								
Epidemic typhus								
Botulism								
Malaria			2		2	1	4	
Tularemia								
Lyme disease								
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	3	3	3	1	10	10	73	
Leptospirosis								
Rocky mountain spotted fever								

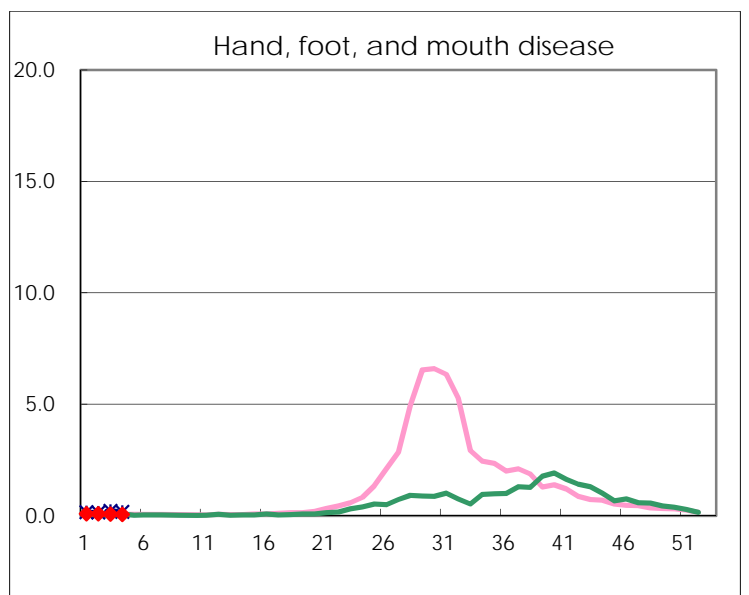
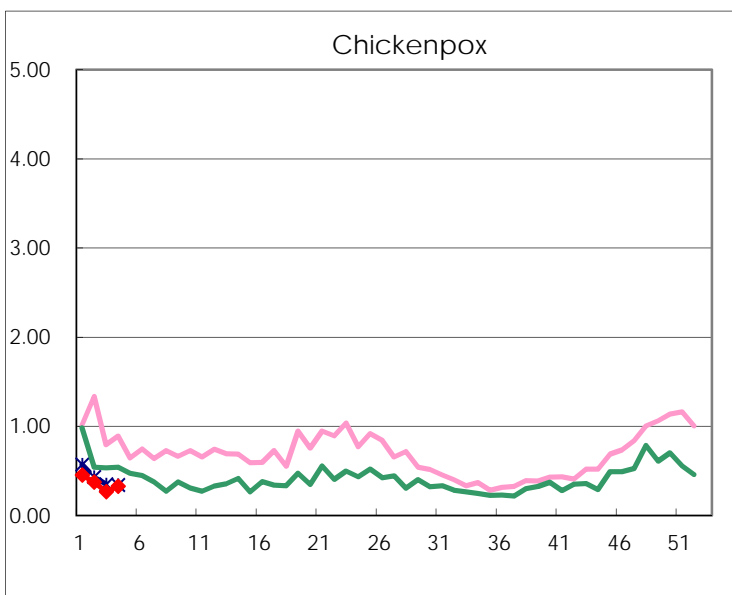
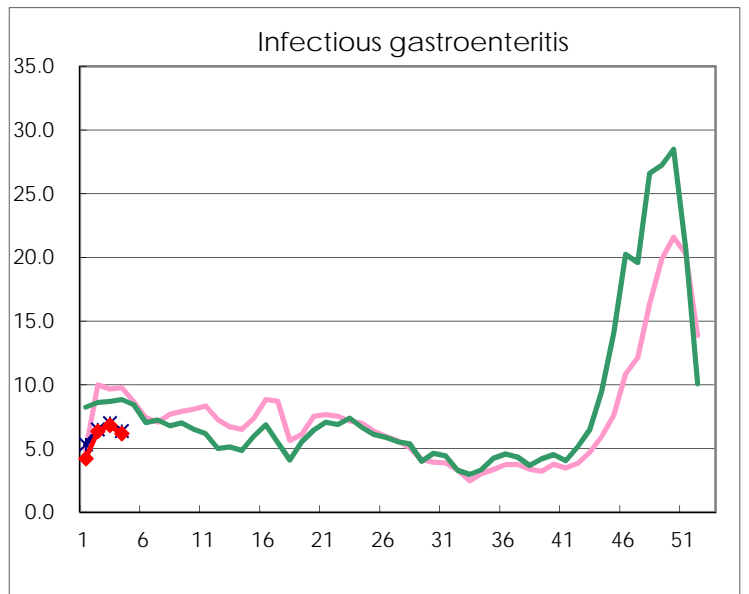
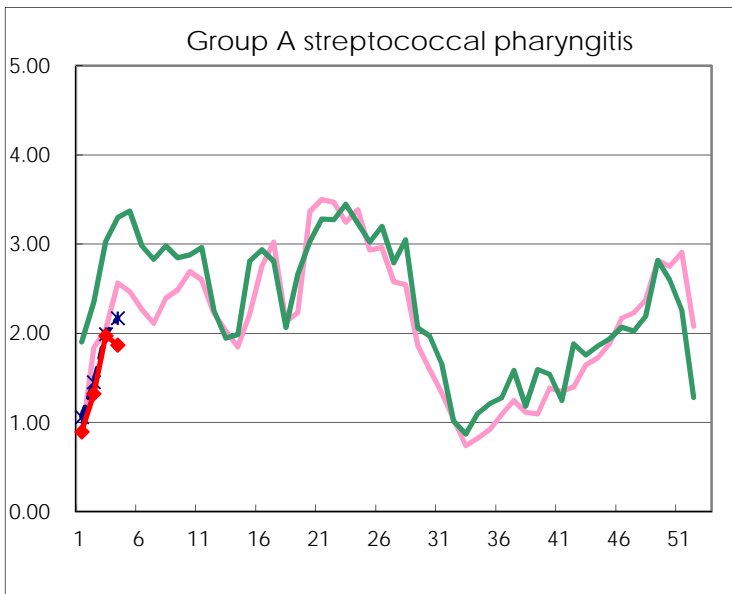
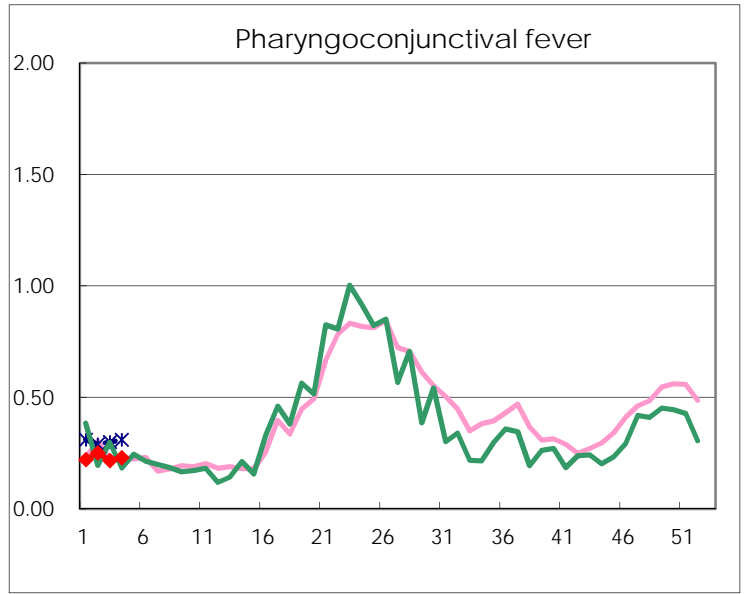
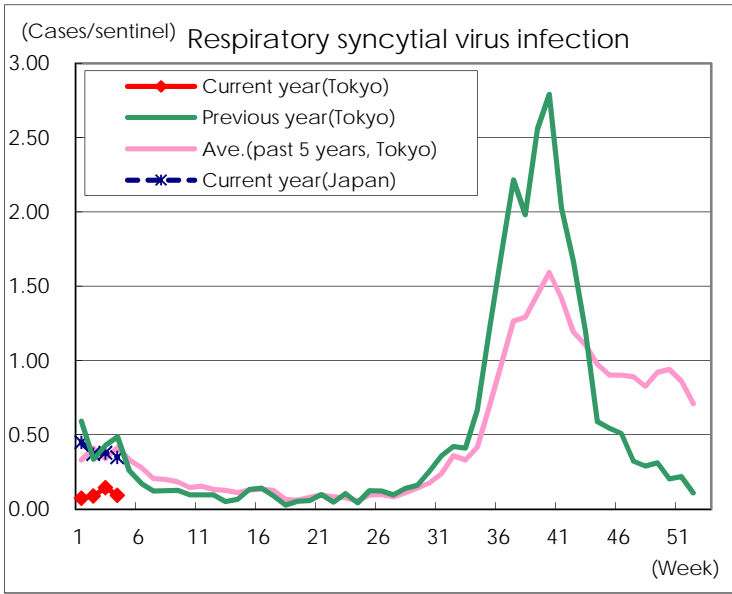
Category	Diseases	Tokyo				Japan		
		1st	2nd	3rd	4th	Cum 2017	4th	Cum 2017
V	Amebiasis		4	8	3	15	16	75
	Viral hepatitis(excluding hepatitis A and E)		1	1		2	3	17
	CRE infection	4	3	4	4	15	17	95
	Acute encephalitis(excluding JE and WNE)		3	2	2	7	15	56
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease						2	11
	Severe invasive streptococcal infections(TSLS)	3	1	1	2	7	9	36
	Acquired immunodeficiency syndrome (AIDS)	7	10	8	12	37	17	87
	Giardiasis			1		1	1	3
	Invasive <i>Haemophilus influenzae</i> disease		3	2	1	6	2	35
	Invasive meningococcal disease						1	1
	Invasive pneumococcal disease	8	9	10	7	34	47	287
	Varicella (limited to hospitalized case)	2			2	4	3	16
	Congenital rubella syndrome							
	Syphilis	15	24	22	27	88	68	272
	Disseminated cryptococcosis	2		1		3	2	11
	Tetanus							3
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection	1				1	1	7
	Rubella							4
Measles			2		2		9	
MDRA infection							1	

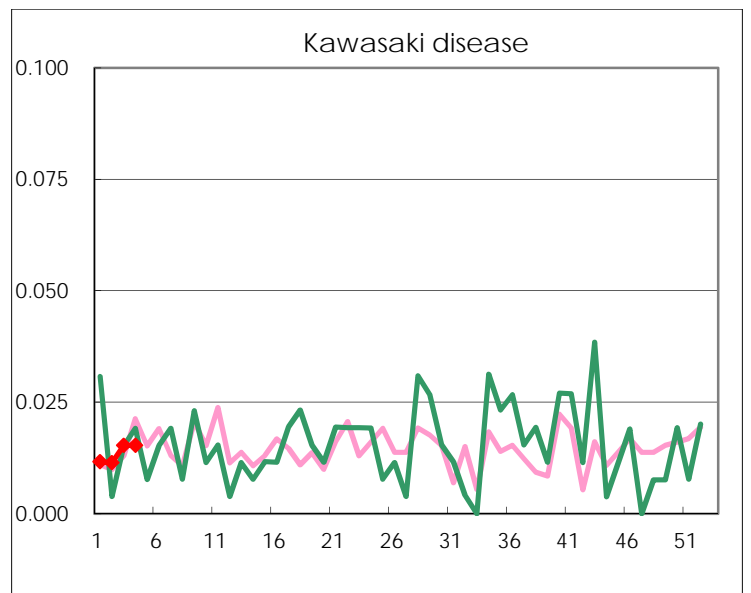
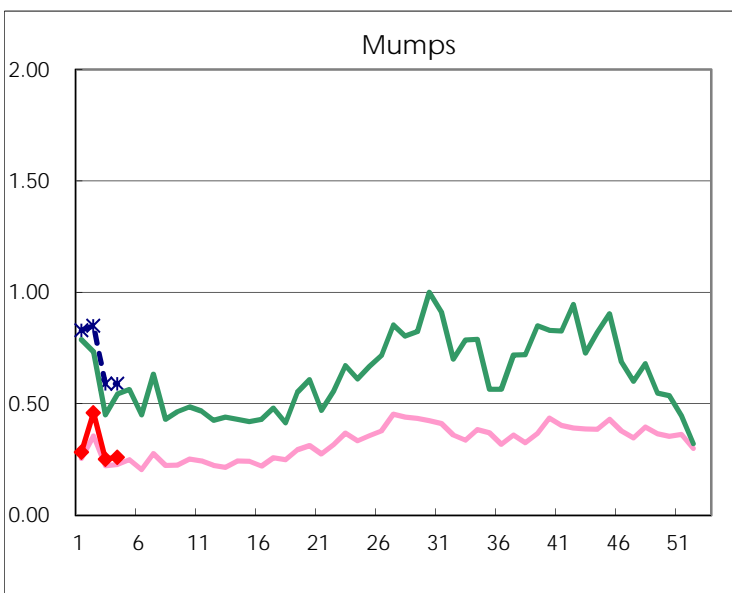
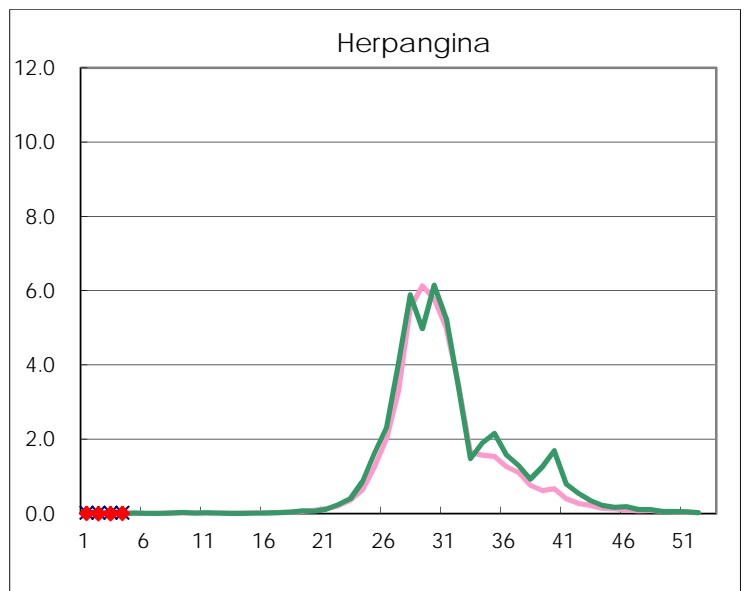
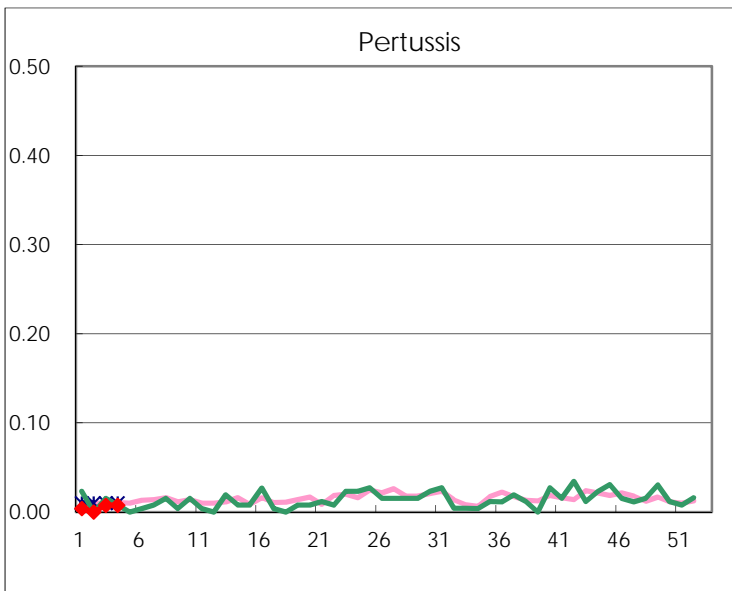
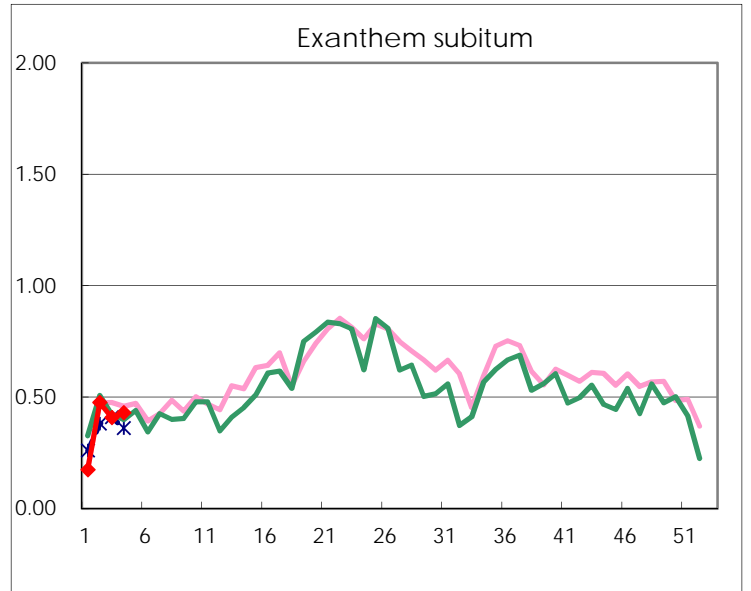
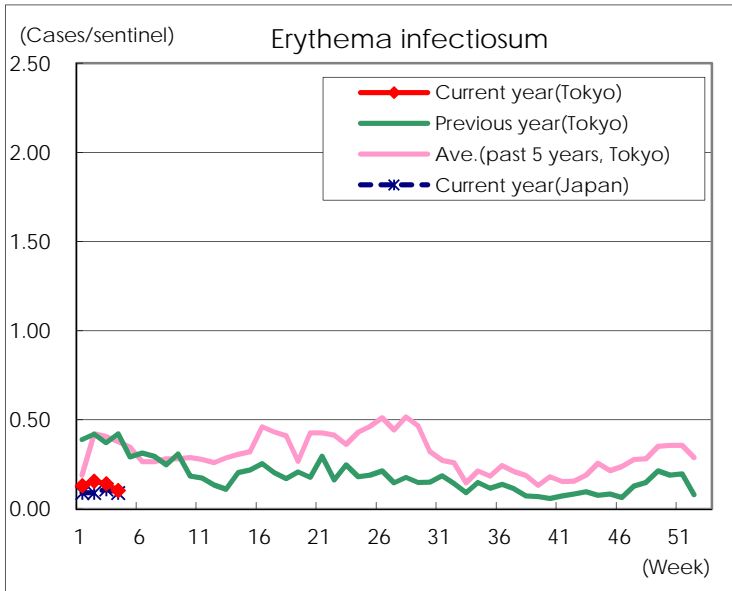
Number of patients with the diseases to be reported
by the designated clinics and hospitals

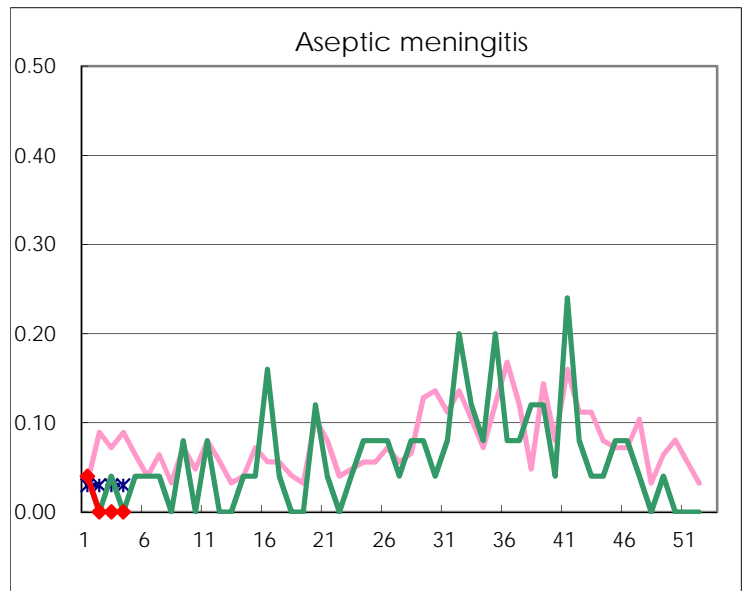
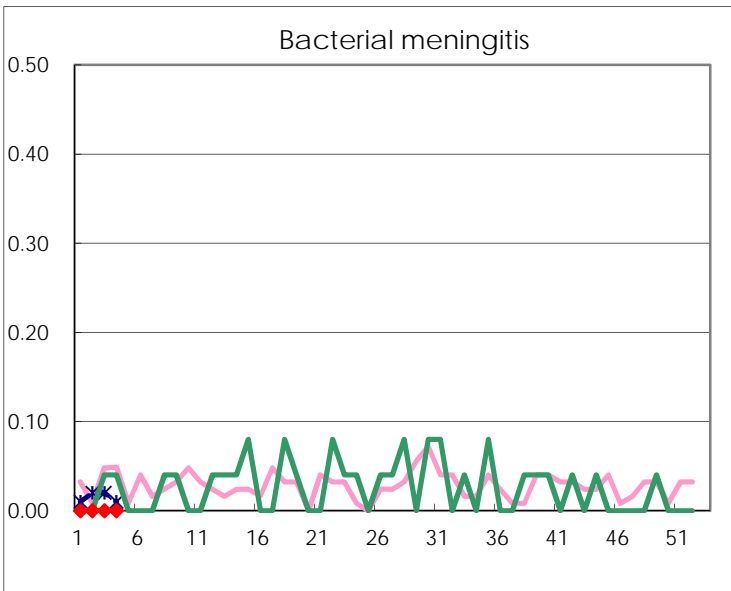
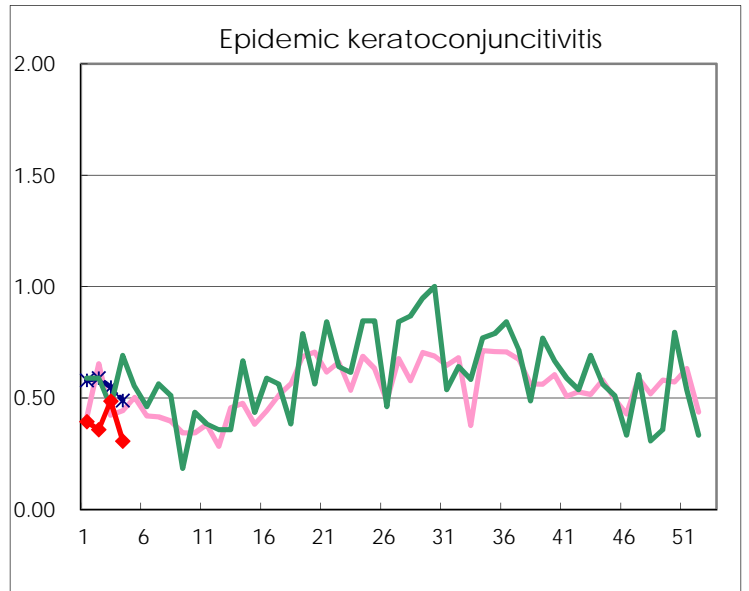
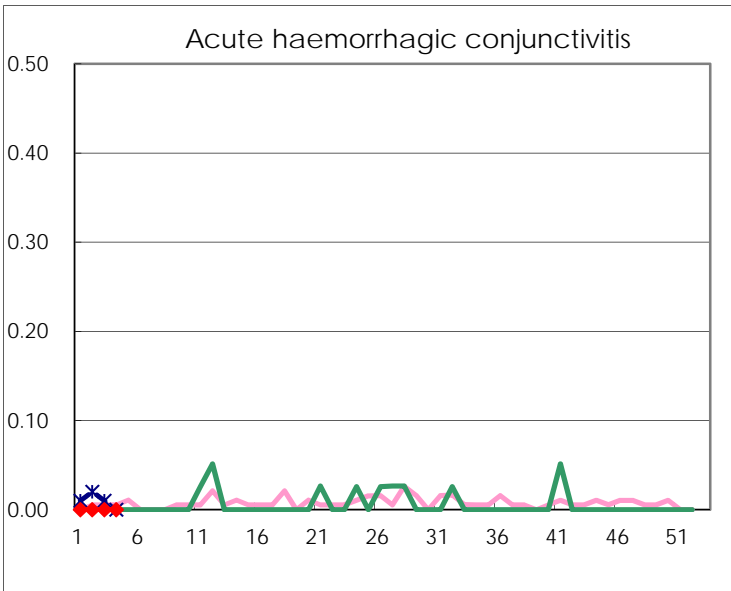
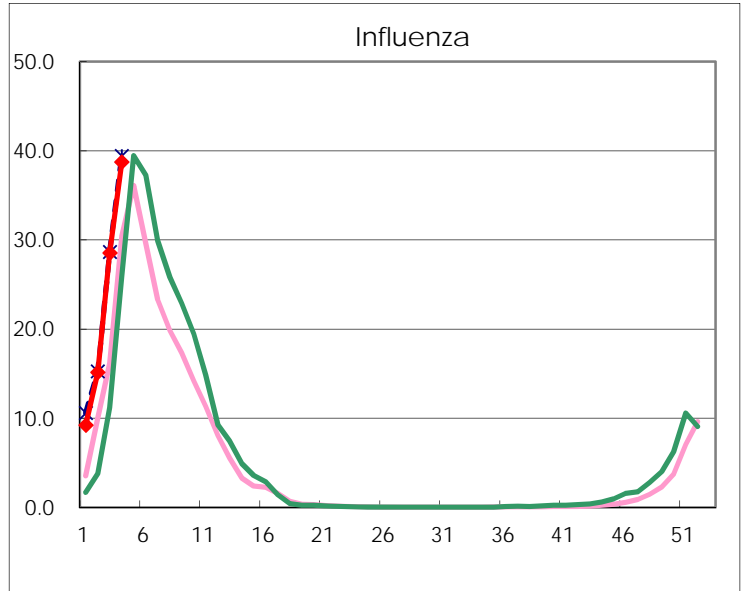
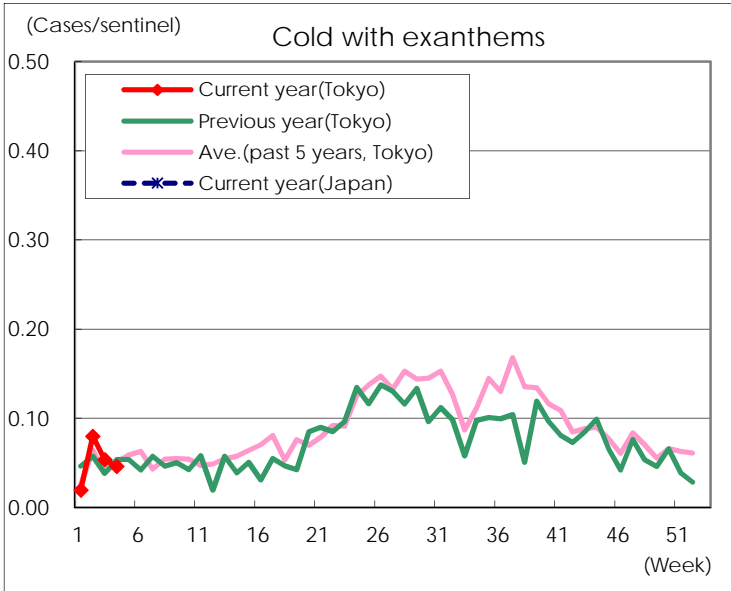
Diseases	Tokyo				
	1st	2nd	3rd	4th	/sentinel
Respiratory syncytial virus infection	19	23	38	24	0.09
Pharyngoconjunctival fever	57	66	57	60	0.23
Group A streptococcal pharyngitis	231	348	517	487	1.87
Infectious gastroenteritis	1,083	1,667	1,786	1,608	6.16
Chickenpox	117	98	70	85	0.33
Hand, foot, and mouth disease	23	22	18	14	0.05
Erythema infectiosum	34	41	37	27	0.10
Exanthem subitum	45	125	107	112	0.43
Pertussis	1		2	2	0.01
Herpangina	2	1	1	2	0.01
Mumps	73	121	66	68	0.26
Kawasaki disease	3	3	4	4	0.02
Cold with exanthems	5	21	14	12	0.05
Influenza	3,770	6,295	11,874	16,073	38.73
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	15	14	19	12	0.31
Bacterial meningitis					
Aseptic meningitis	1				
Mycoplasma pneumonia	13	6	10	8	0.32
Chlamydial pneumonia (excluding psittacosis)		3		4	0.16
Infectious gastroenteritis (only by Rotavirus)		1	2	4	0.16
Influenza-Associated Hospitalizations	61	56	70	83	3.32

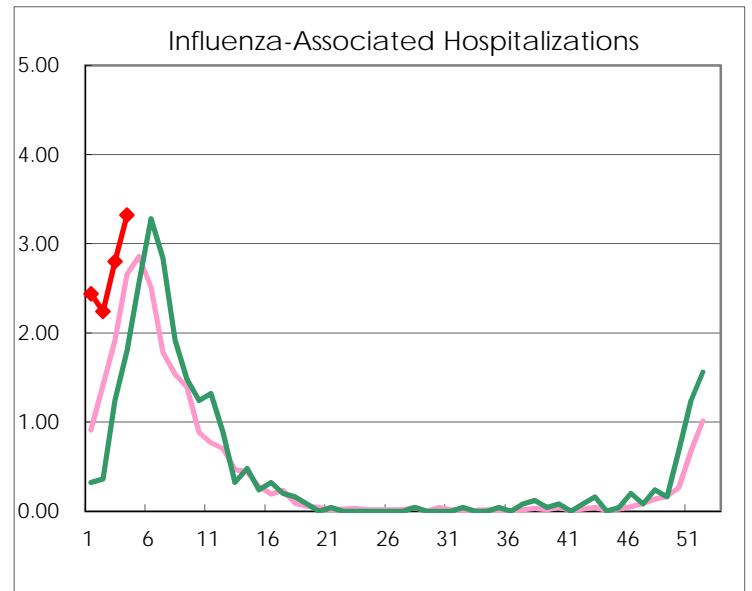
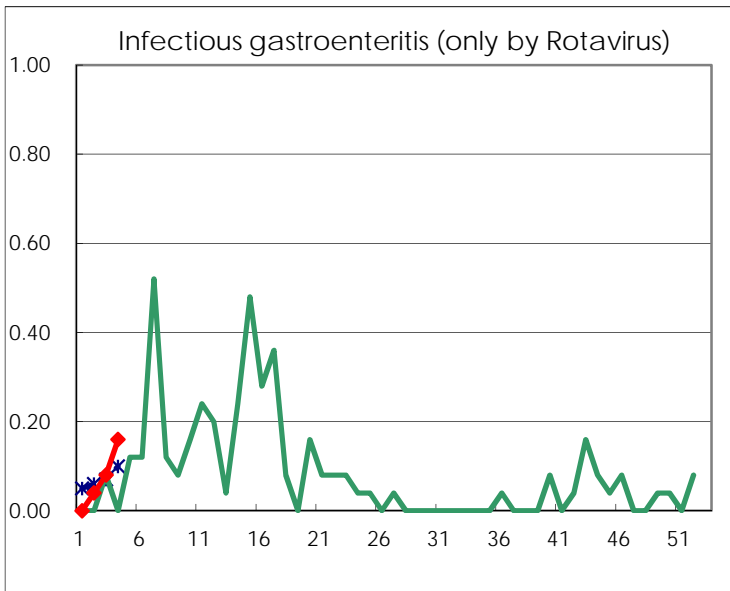
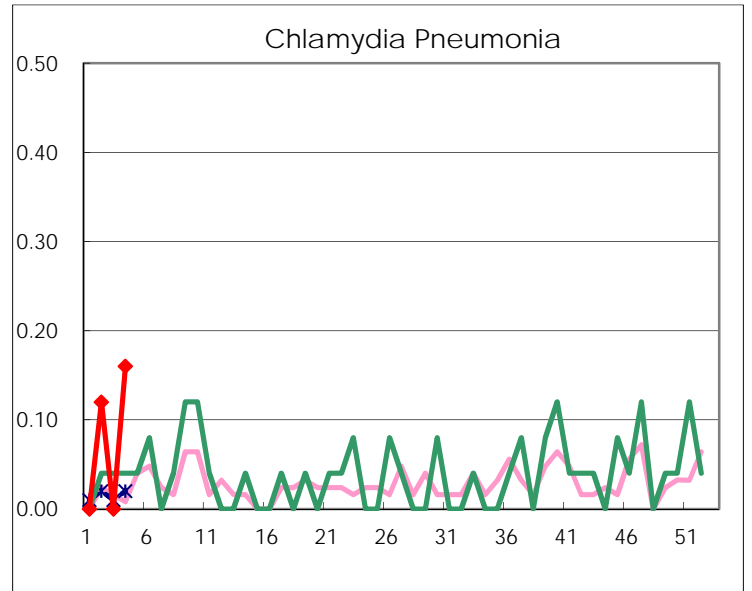
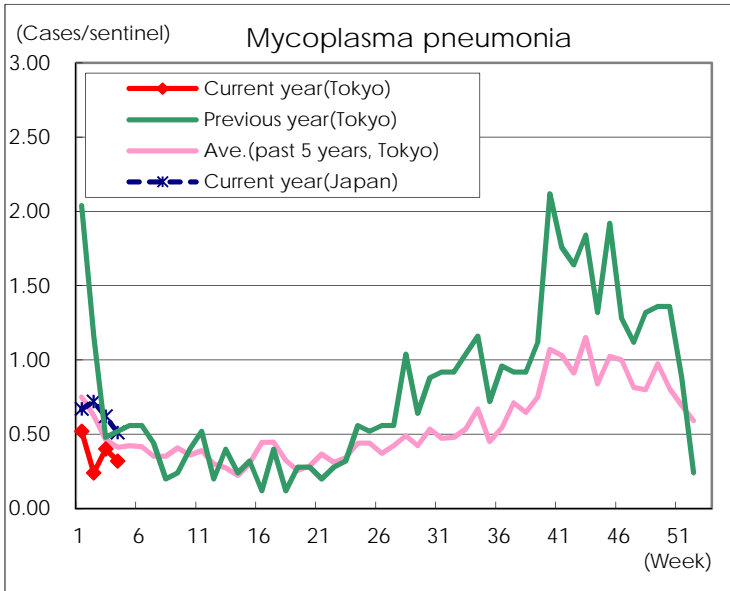
(Blank means 0.)

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	261
Influenza	419	415
Ophthalmic	39	39
Specially-designated	25	25