

18 February 2016 / Number 6

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	
		3rd	4th	5th	6th	Cum 2016	6th	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	72	59	65	50	372	255	2,277
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
III	Avian influenza H5N1							
	Avian influenza H7N9							
	Cholera							
	Shigellosis				2	4	6	18
	Enterohemorrhagic Escherichia coli infection		2	2		8	5	82
IV	Typhoid fever	1		1		4		7
	Paratyphoid fever					2		2
	Hepatitis E	1	1	2	3	9	5	45
	West Nile fever							
	Hepatitis A	2		1		3	6	31
	Echinococcosis							1
	Yellow fever							
	Psittacosis							
	Omsk hemorrhagic fever							
	Relapsing fever							1
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Severe Fever with Thrombocytopenia Syndrome							1
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							
	Scrub typhus(Tsutsugamushi disease)							30
	Dengue fever		2	2	1	11	2	33
	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								
Venezuelan equine encephalitis								
Hendra virus infection								
Epidemic typhus								
Botulism								
Malaria							2	
Tularemia								
Lyme disease								
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	3	1	2	3	12	20	130	
Leptospirosis							1	
Rocky mountain spotted fever								

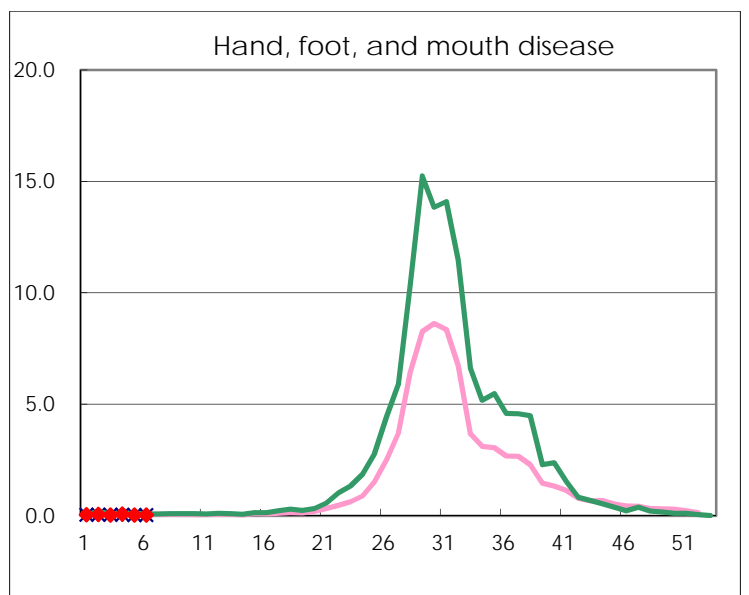
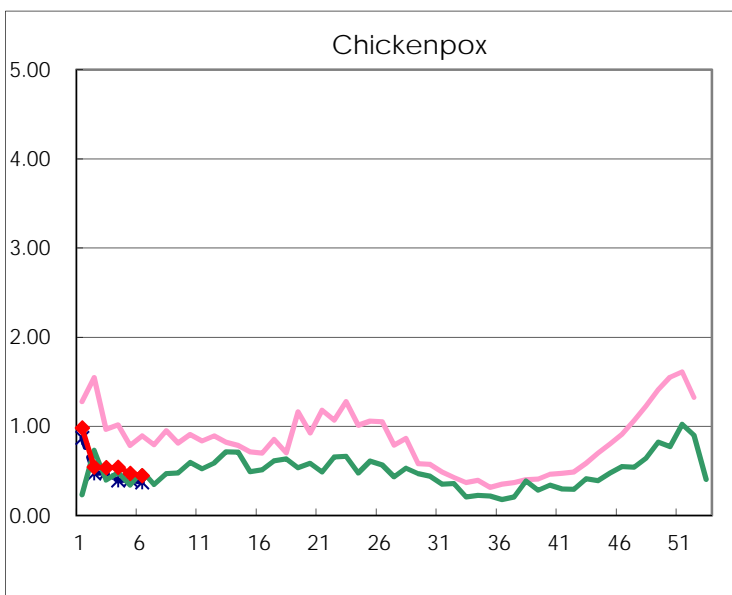
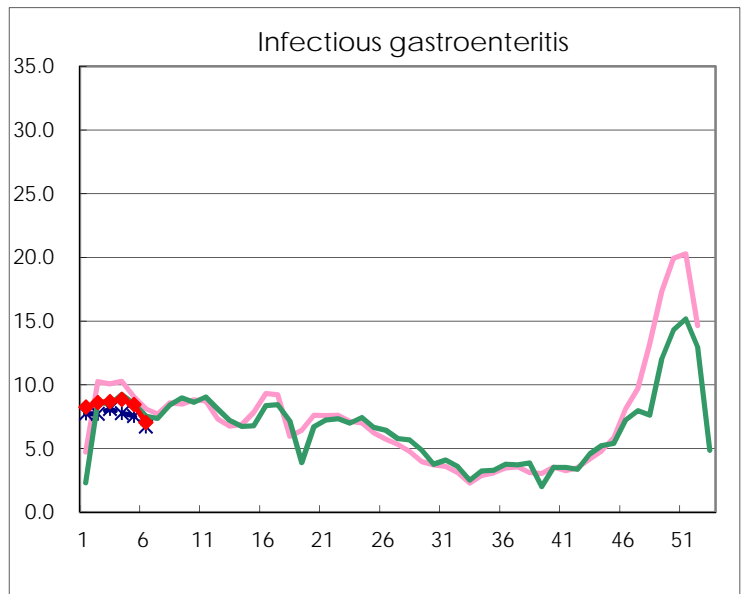
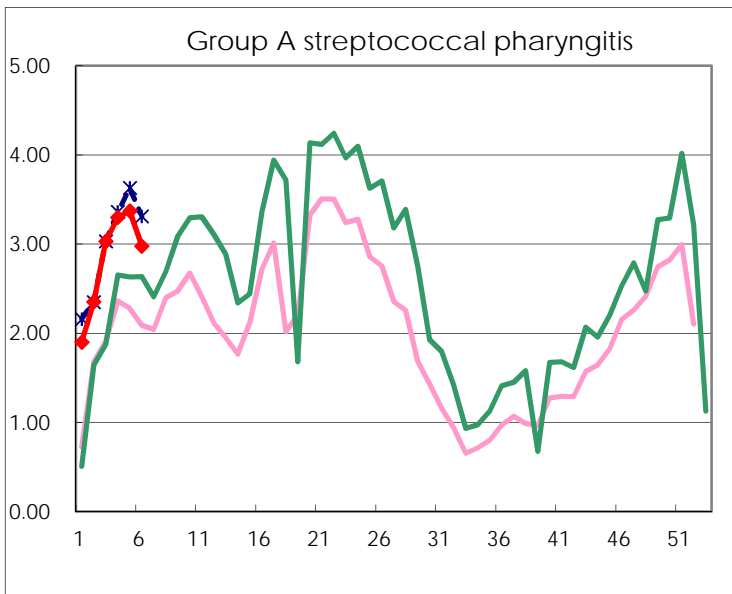
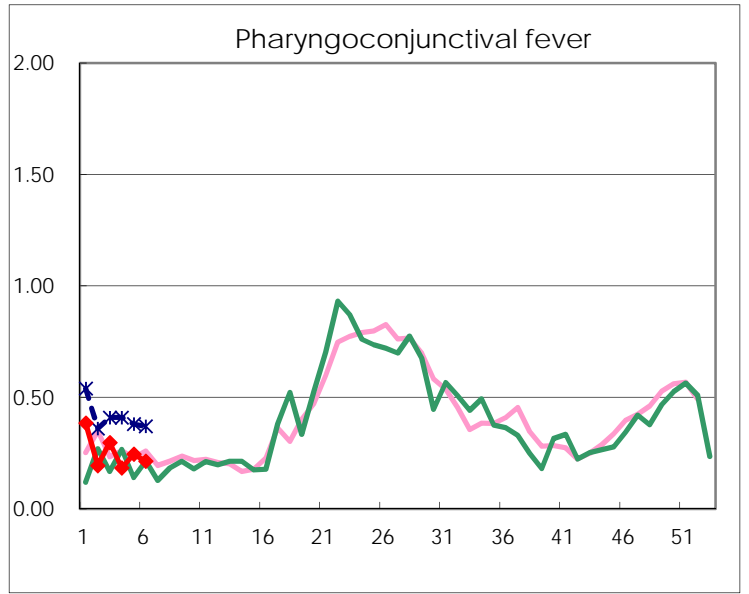
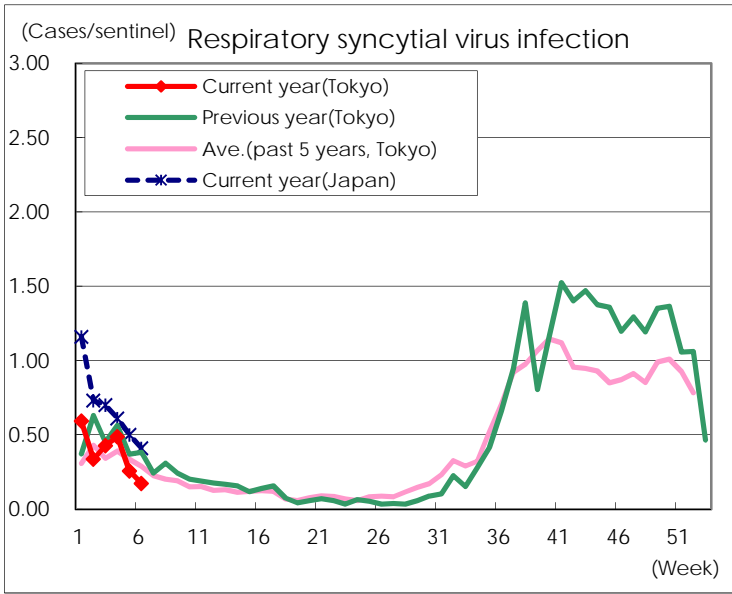
Category	Diseases	Tokyo					Japan	
		3rd	4th	5th	6th	Cum 2016	6th	Cum 2016
V	Amebiasis	3	10	4	1	26	11	145
	Viral hepatitis(excluding hepatitis A and E)		3		1	6	1	23
	CRE infection	5	10	6	4	30	18	160
	Acute encephalitis(excluding JE and WNE)	3	5	7	4	25	13	118
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease	1		1		3	2	25
	Severe invasive streptococcal infections(TSLS)	4	1	4	1	15	4	67
	Acquired immunodeficiency syndrome (AIDS)	7	9	4	10	51	14	145
	Giardiasis		1			2		8
	Invasive <i>Haemophilus influenzae</i> disease	1	2		1	5	2	37
	Invasive meningococcal disease							5
	Invasive pneumococcal disease	9	7	7	3	46	21	335
	Varicella (limited to hospitalized case)	1	1	2		8		32
	Congenital rubella syndrome							
	Syphilis	23	38	31	26	187	46	369
	Disseminated cryptococcosis	1				1	1	14
	Tetanus							6
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection							4
	Rubella							6
Measles						1	2	
MDRA infection						1	4	

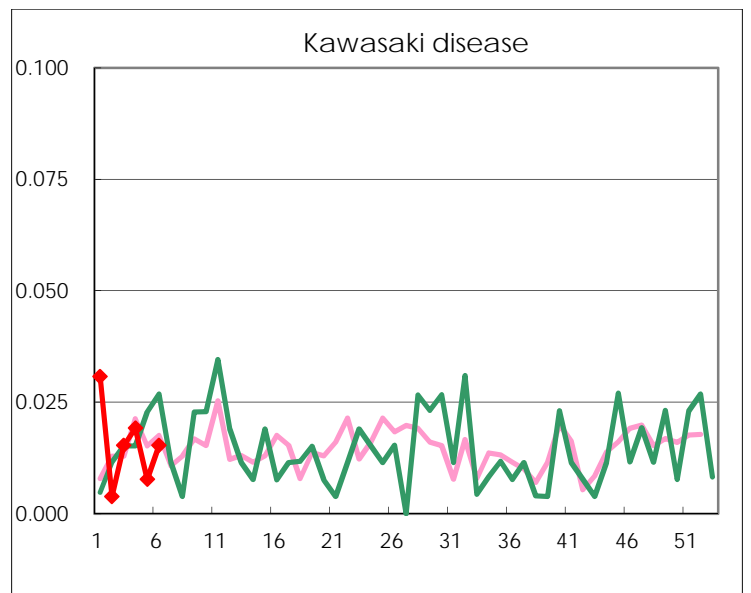
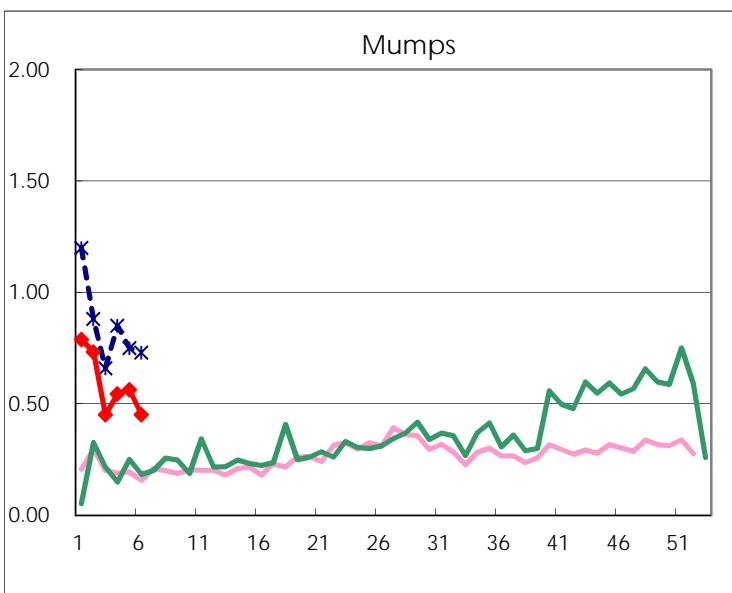
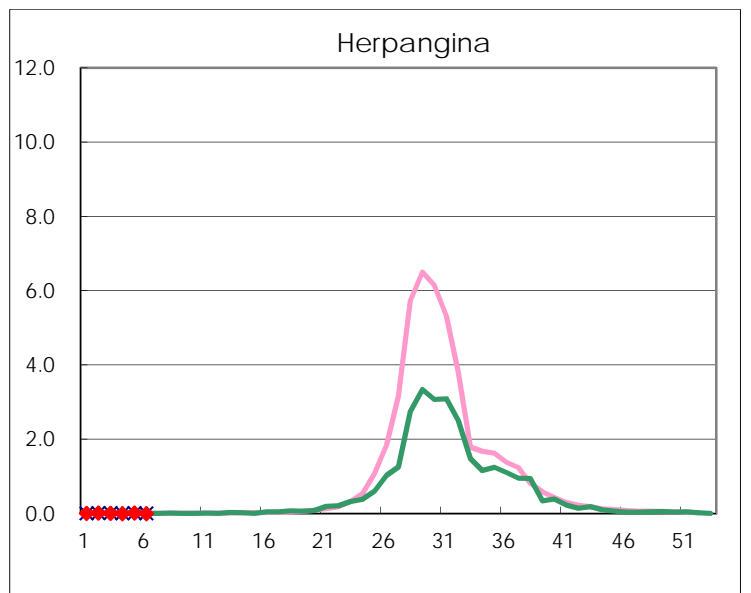
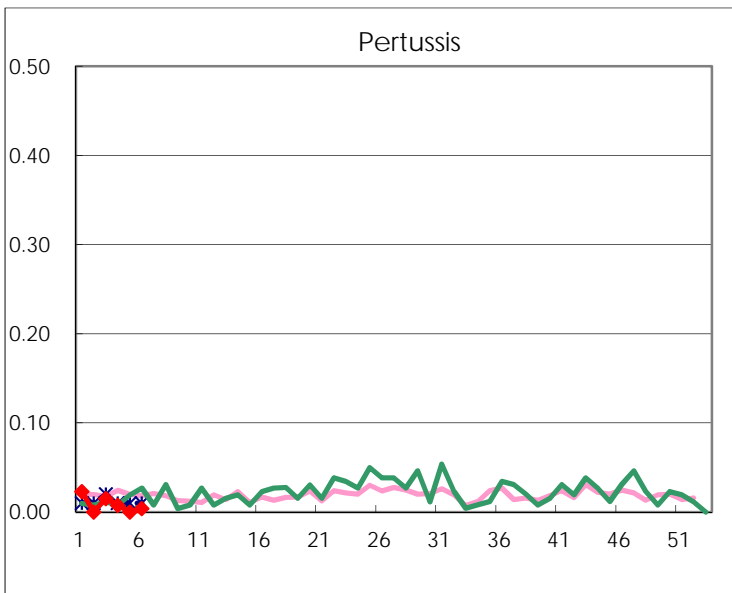
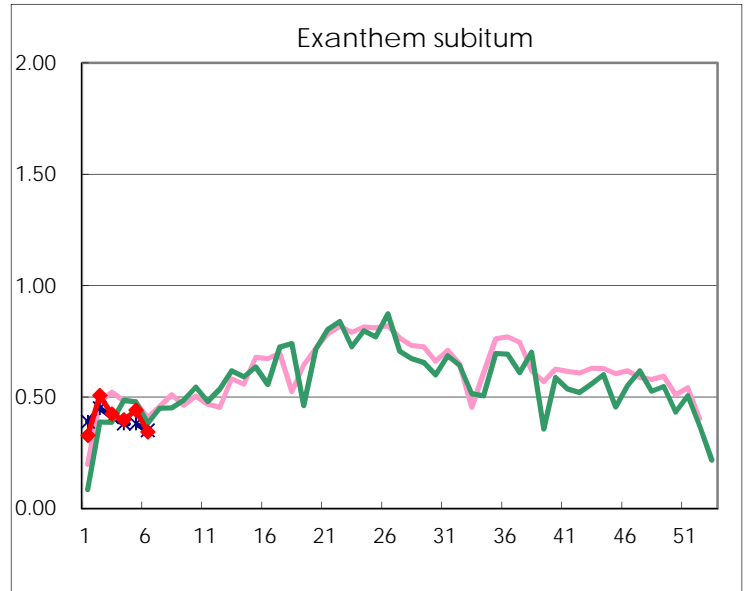
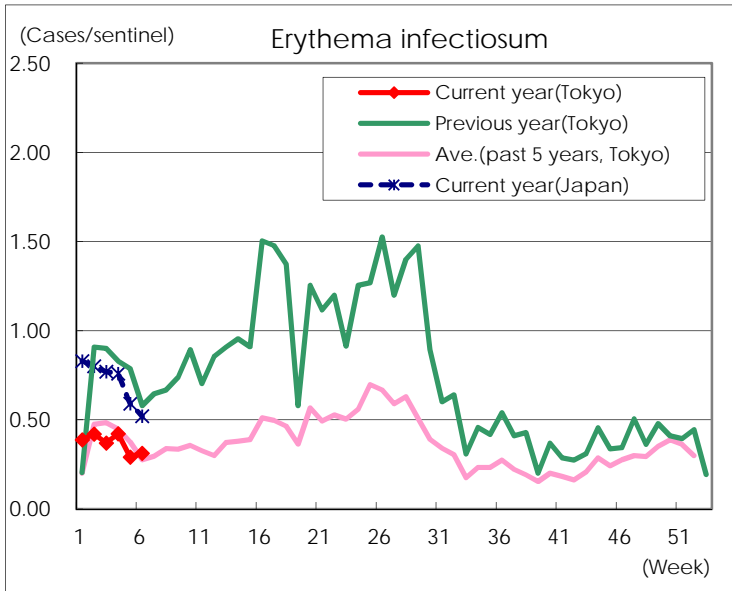
Number of patients with the diseases to be reported
by the designated clinics and hospitals

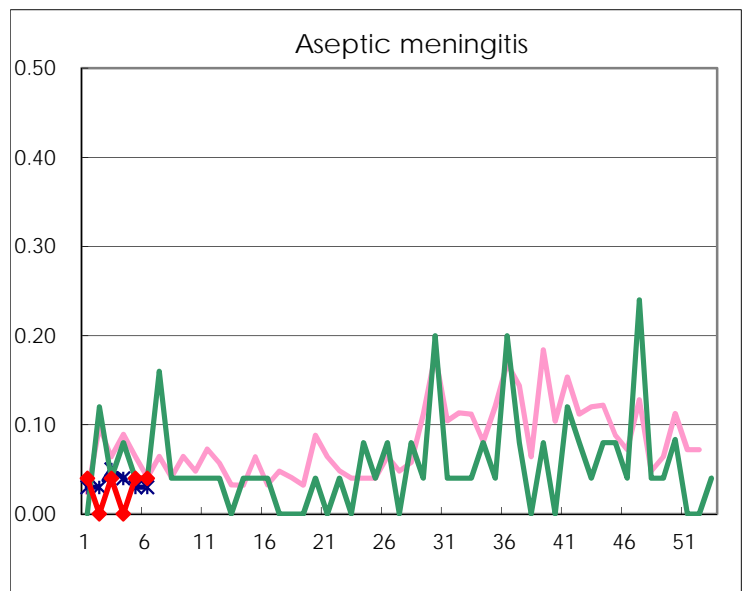
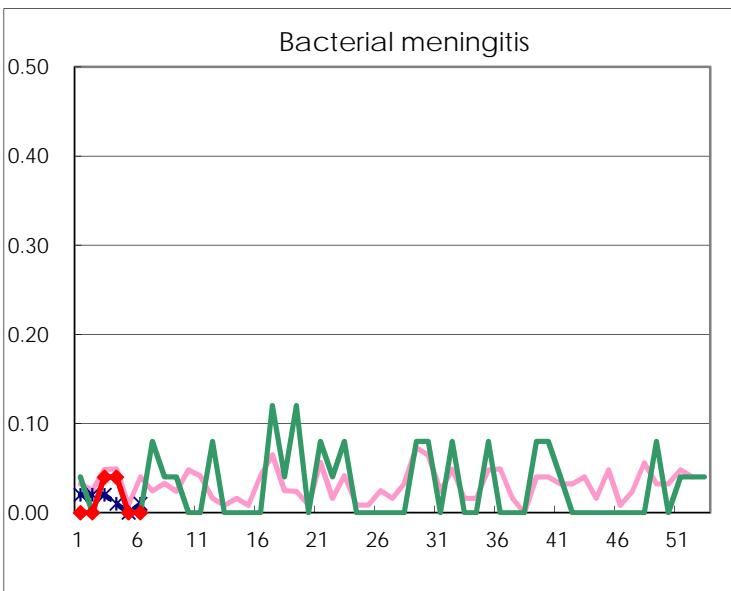
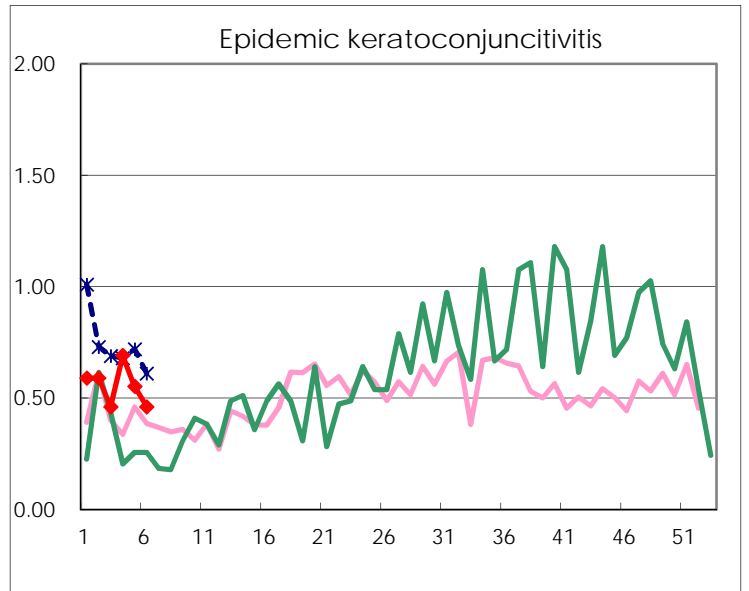
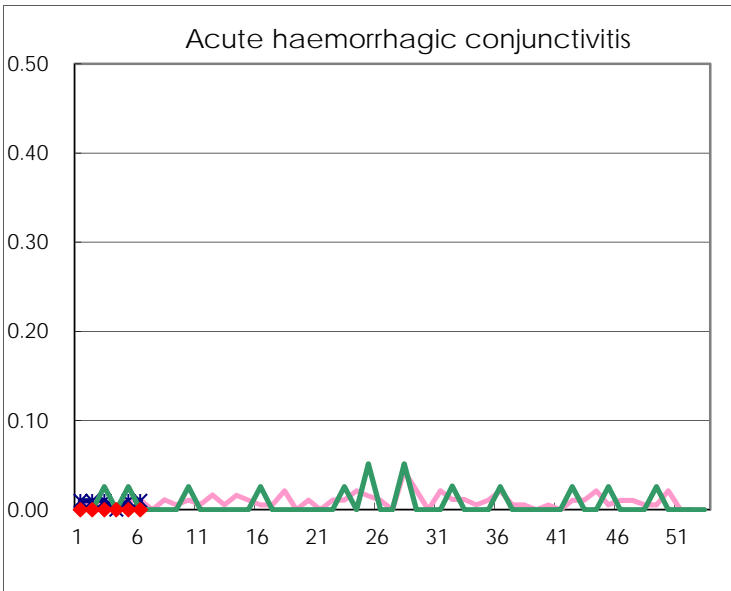
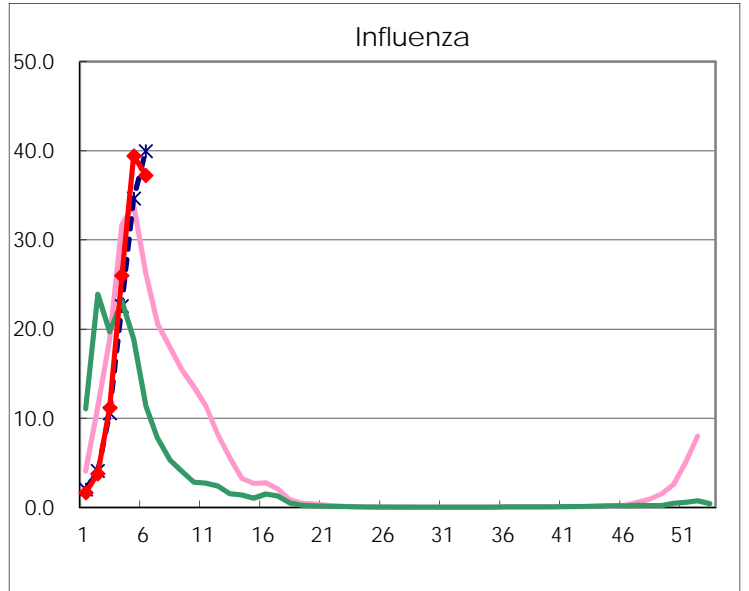
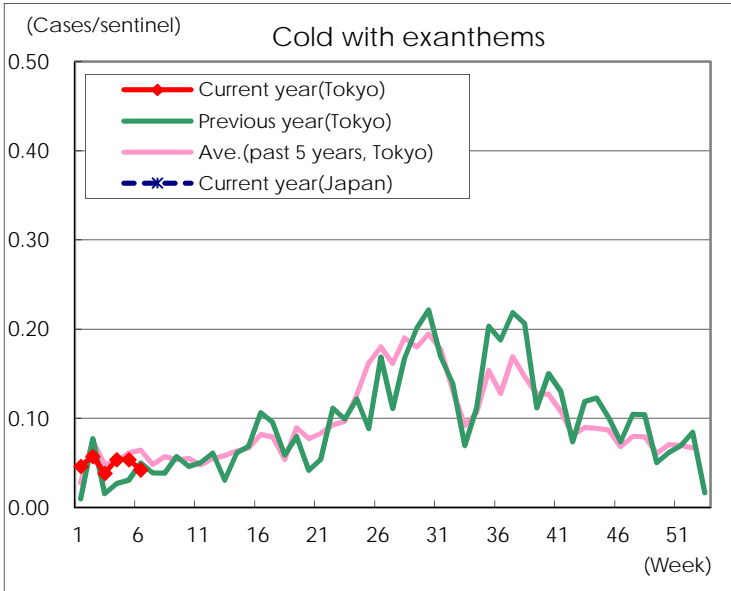
Diseases	Tokyo				
	3rd	4th	5th	6th	/sentinel
Respiratory syncytial virus infection	112	127	67	45	0.17
Pharyngoconjunctival fever	78	48	64	56	0.21
Group A streptococcal pharyngitis	794	861	880	780	2.98
Infectious gastroenteritis	2,275	2,307	2,203	1,843	7.03
Chickenpox	140	141	123	117	0.45
Hand, foot, and mouth disease	7	19	7	8	0.03
Erythema infectiosum	97	110	76	82	0.31
Exanthem subitum	111	104	115	90	0.34
Pertussis	4	2		1	
Herpangina	2		4	1	
Mumps	118	142	147	118	0.45
Kawasaki disease	4	5	2	4	0.02
Cold with exanthems	10	14	14	11	0.04
Influenza	4,642	10,782	16,365	15,494	37.25
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	18	27	21	18	0.46
Bacterial meningitis	1	1			
Aseptic meningitis	1		1	1	0.04
Mycoplasma pneumonia	12	13	14	14	0.56
Chlamydial pneumonia (excluding psittacosis)	1	1	1	2	0.08
Infectious gastroenteritis (only by Rotavirus)	2		3	3	0.12
Influenza-Associated Hospitalizations	31	45	64	82	3.28

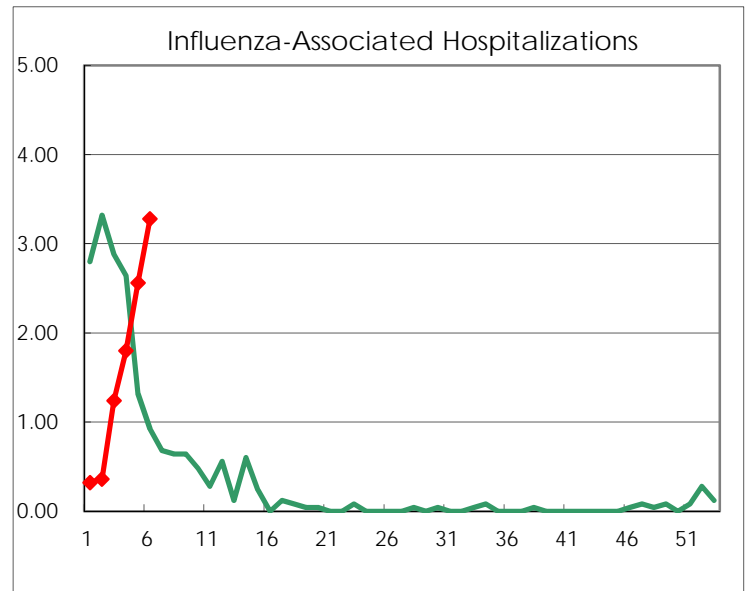
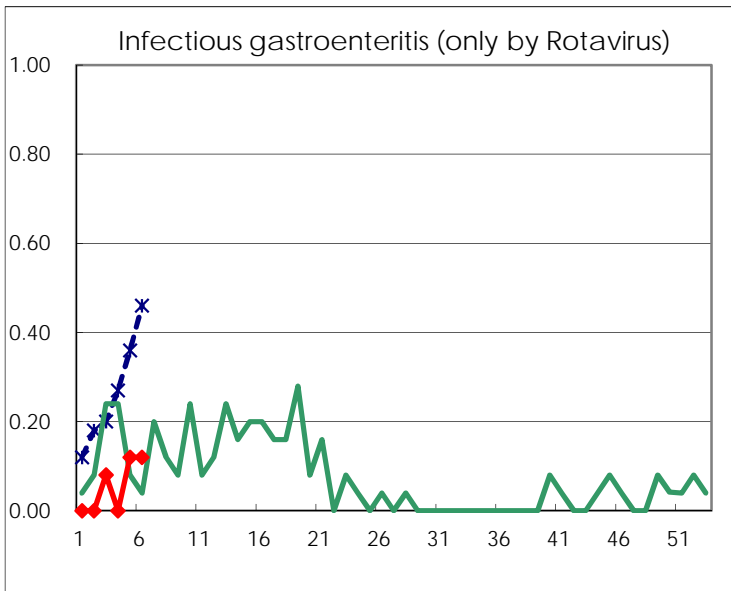
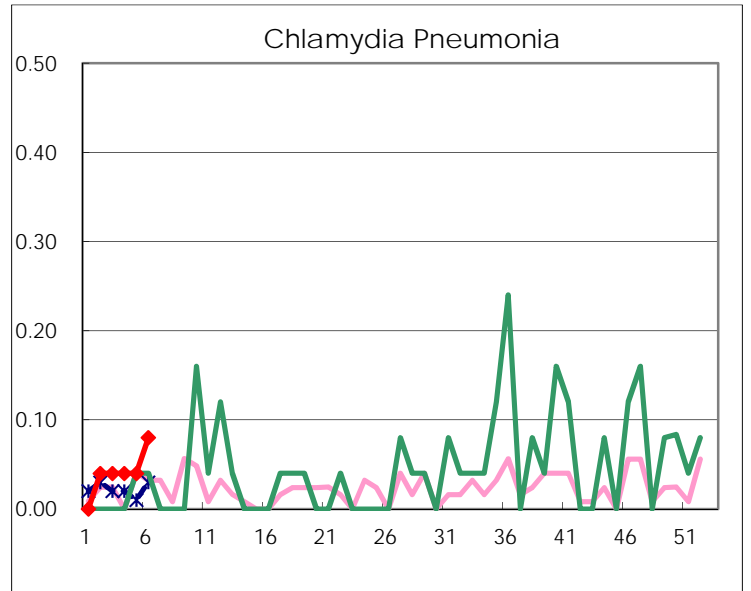
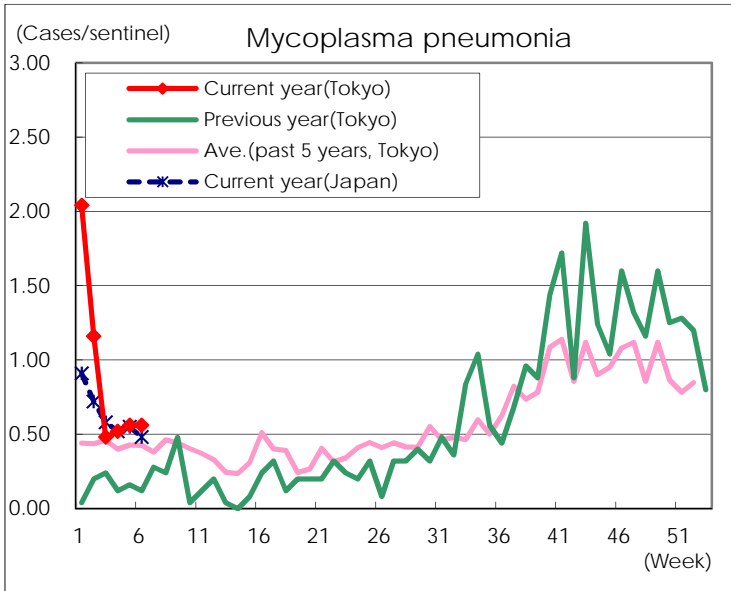
(Blank means 0.)

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	262
Influenza	419	416
Ophthalmic	39	39
Specially-designated	25	25