

21 April 2016 / Number 15

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	
		12th	13th	14th	15th	Cum 2016	15th	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	59	77	54	66	997	411	6,381
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera							
	Shigellosis	2		1		11	2	41
	Enterohemorrhagic Escherichia coli infection		1	5	1	23	7	179
	Typhoid fever	2			2	9	1	14
	Paratyphoid fever			1		3		4
IV	Hepatitis E			2		16	4	120
	West Nile fever							
	Hepatitis A	2	5	5	1	29	6	114
	Echinococcosis							3
	Yellow fever							
	Psittacosis						1	1
	Omsk hemorrhagic fever							
	Relapsing fever							1
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Zika virus infection							4
	Severe Fever with Thrombocytopenia Syndrome							5
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever		1			2		2
	Scrub typhus(Tsutsugamushi disease)						7	47
	Dengue fever	1	6	5	4	30	1	101
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						2	9
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							
	Venezuelan equine encephalitis							
Hendra virus infection								
Epidemic typhus								
Botulism								
Malaria		1	1	1	5	2	12	
Tularemia								
Lyme disease								
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis		2	1	2	28	12	292	
Leptospirosis							3	
Rocky mountain spotted fever								

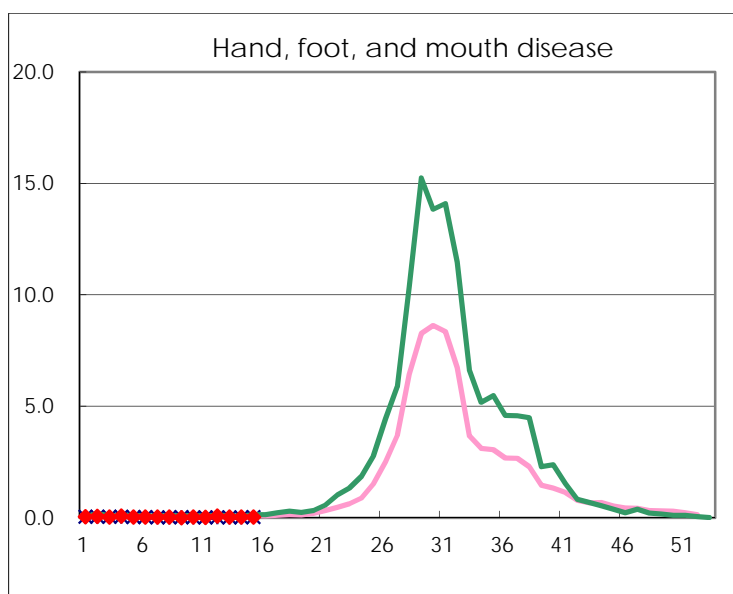
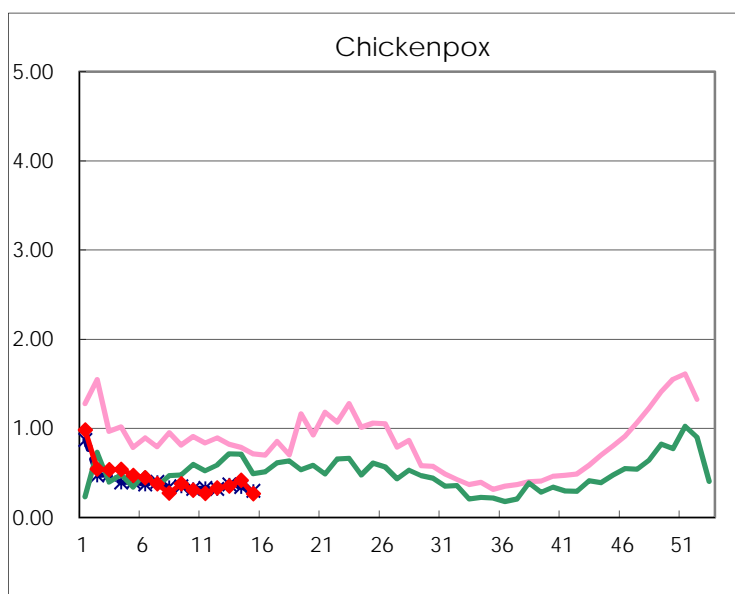
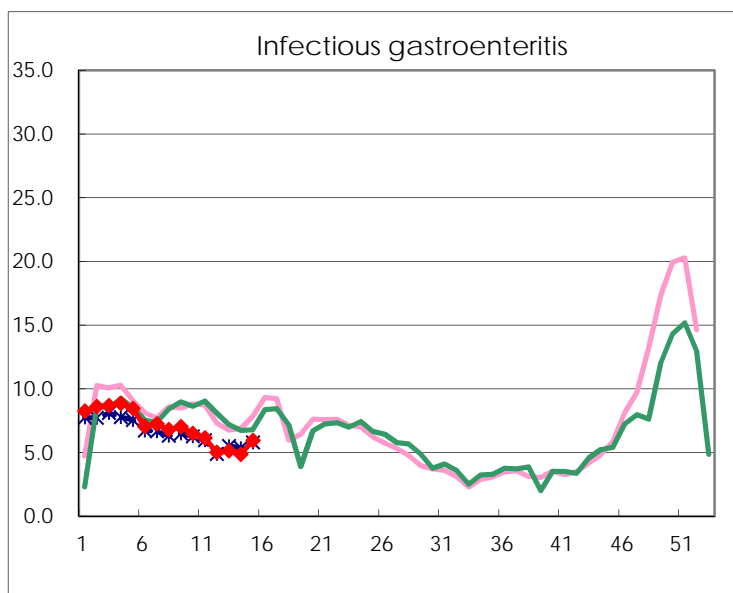
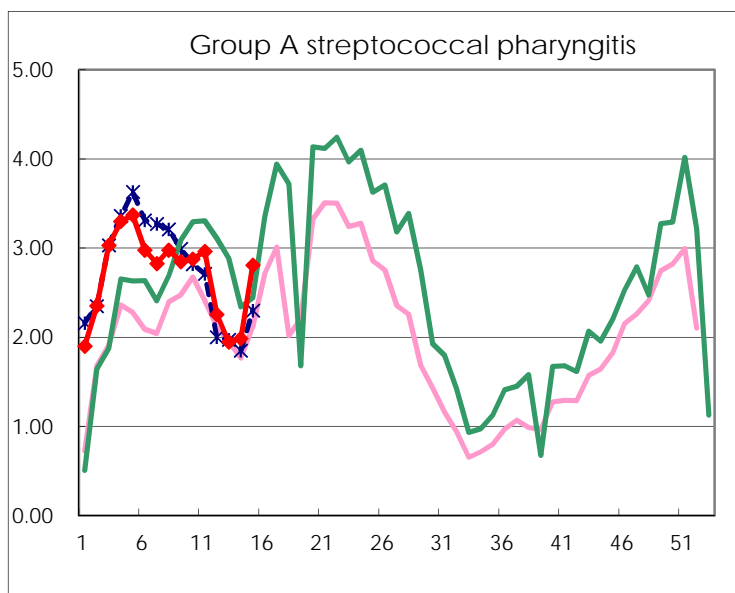
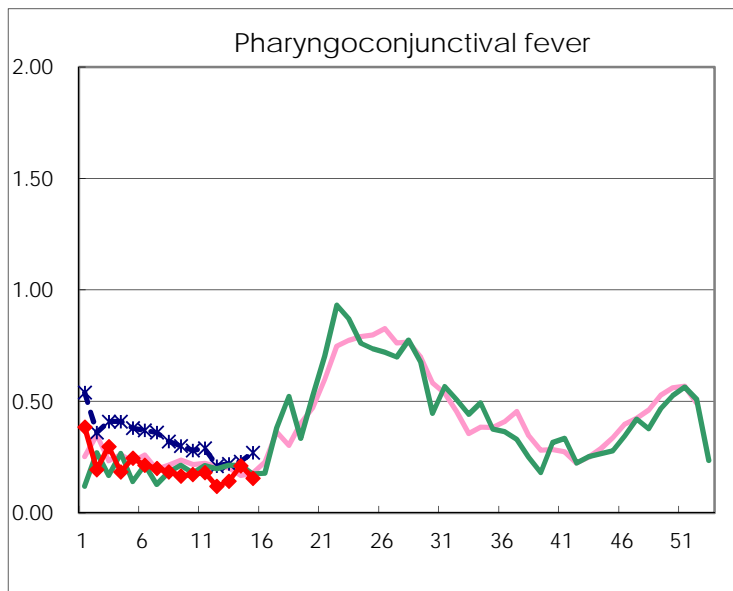
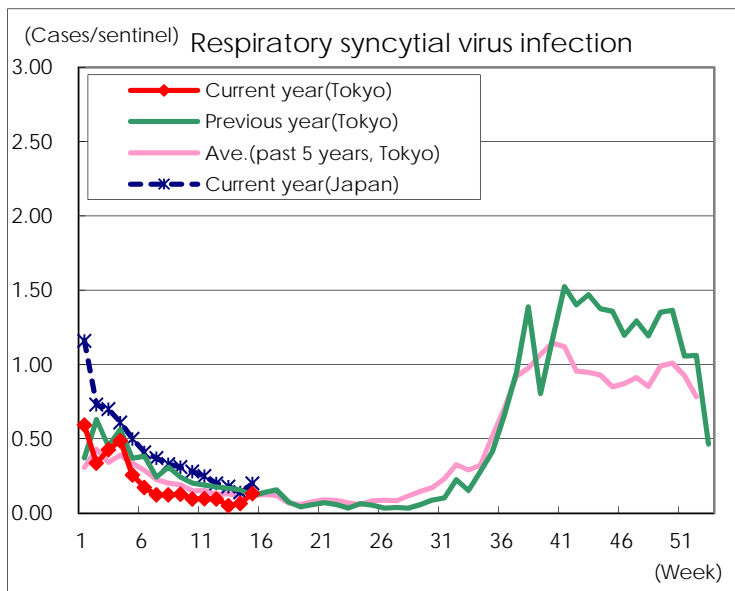
Category	Diseases	Tokyo					Japan	
		12th	13th	14th	15th	Cum 2016	15th	Cum 2016
V	Amebiasis	8	4	4	3	64	15	341
	Viral hepatitis(excluding hepatitis A and E)		2			14	2	67
	CRE infection	1	2	2	8	59	19	375
	Acute encephalitis(excluding JE and WNE)	1	2		1	46	7	329
	Cryptosporidiosis							3
	Creutzfeldt-Jakob disease				1	7	2	55
	Severe invasive streptococcal infections(TSLS)	4	1	1		24	7	162
	Acquired immunodeficiency syndrome (AIDS)	8	10	8	13	140	19	415
	Giardiasis		1		1	6	1	18
	Invasive <i>Haemophilus influenzae</i> disease	1	2	2		14		101
	Invasive meningococcal disease				1	1		17
	Invasive pneumococcal disease	7	9	6	13	127	33	929
	Varicella (limited to hospitalized case)	1	3		1	13	3	73
	Congenital rubella syndrome							
	Syphilis	20	37	45	18	461	46	1,024
	Disseminated cryptococcosis	1		1	1	8		36
	Tetanus							20
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection							12
	Rubella				1	5	3	31
Measles		1			1		5	
MDRA infection						1	12	

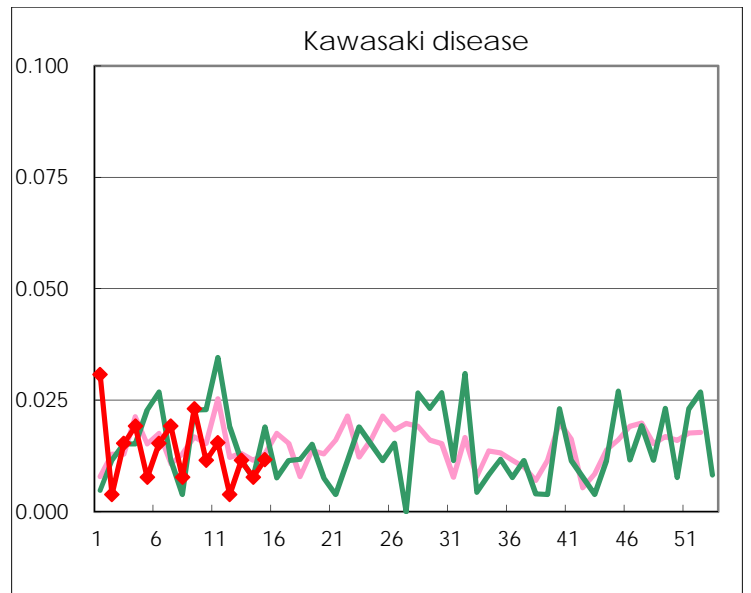
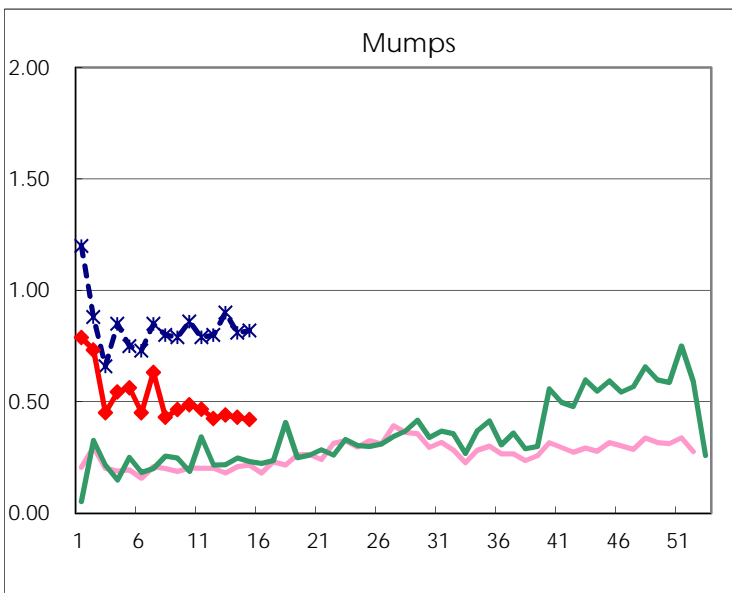
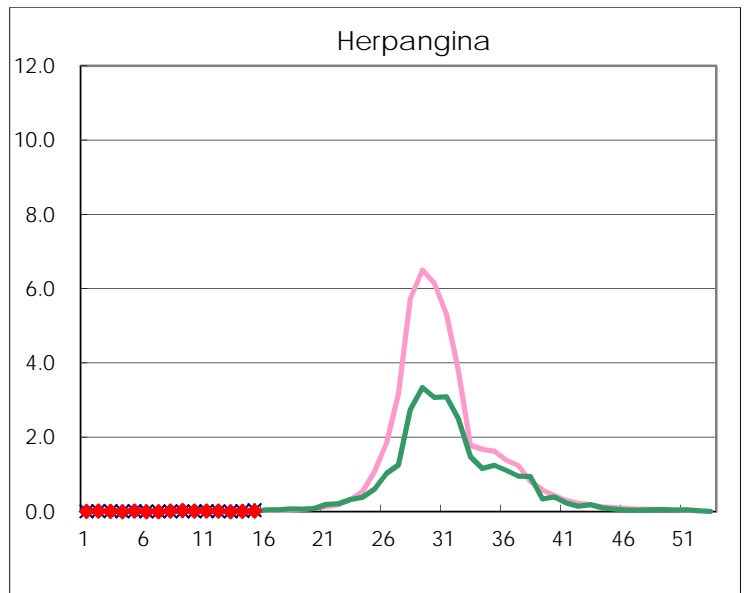
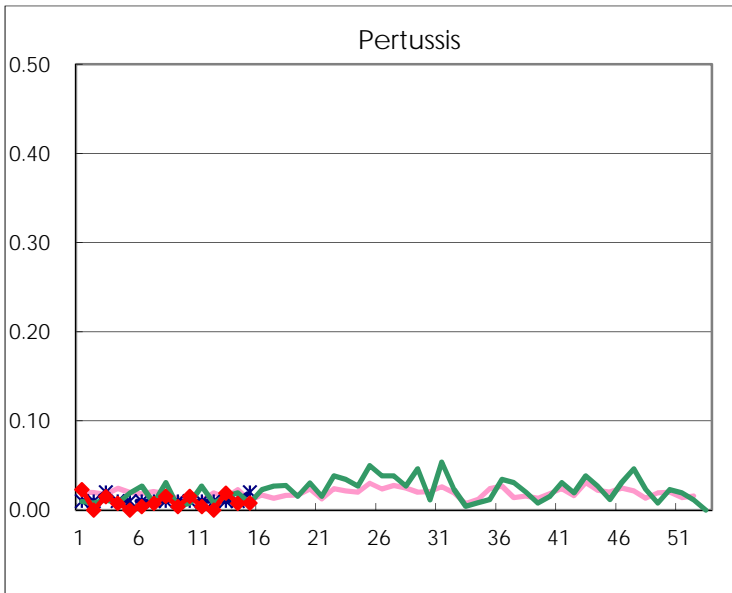
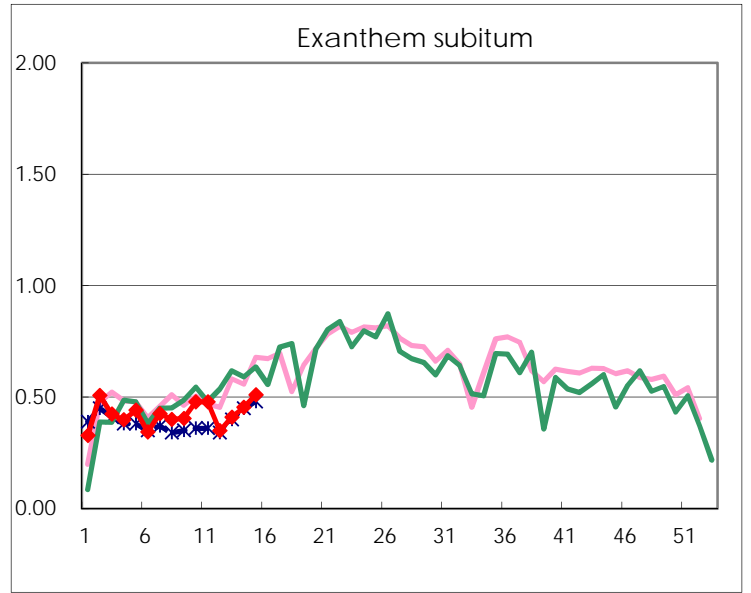
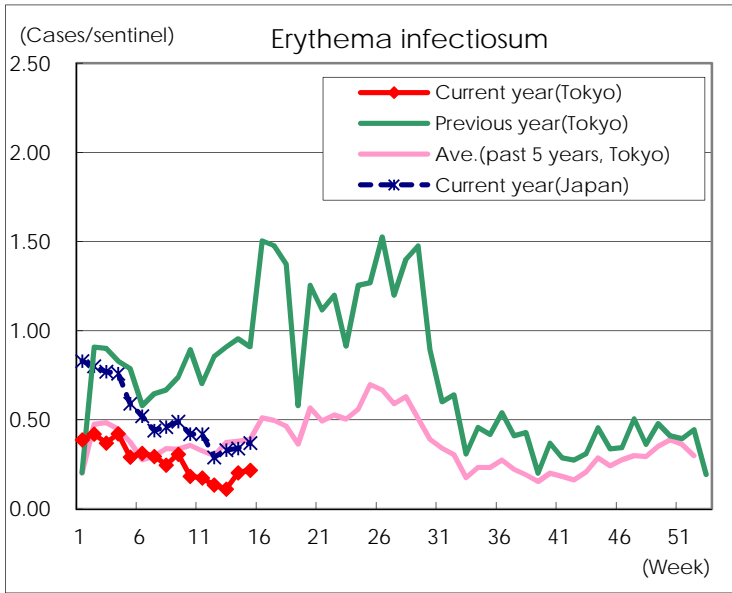
Number of patients with the diseases to be reported
by the designated clinics and hospitals

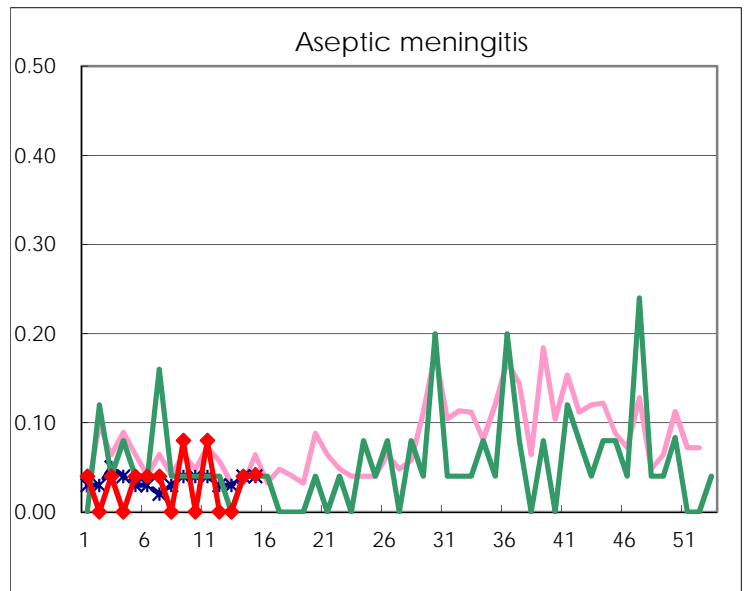
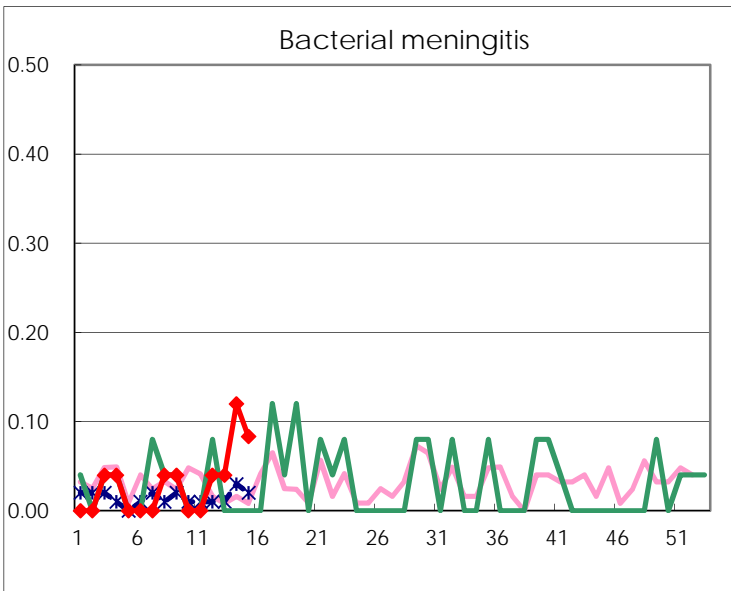
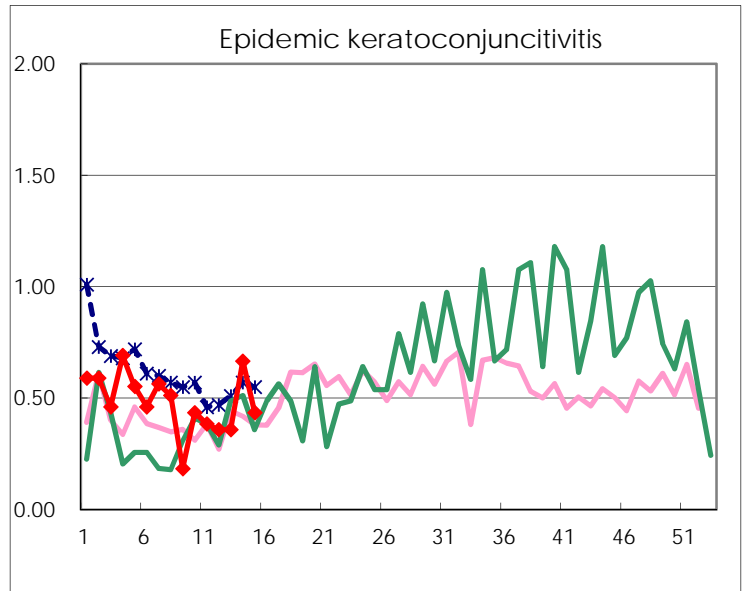
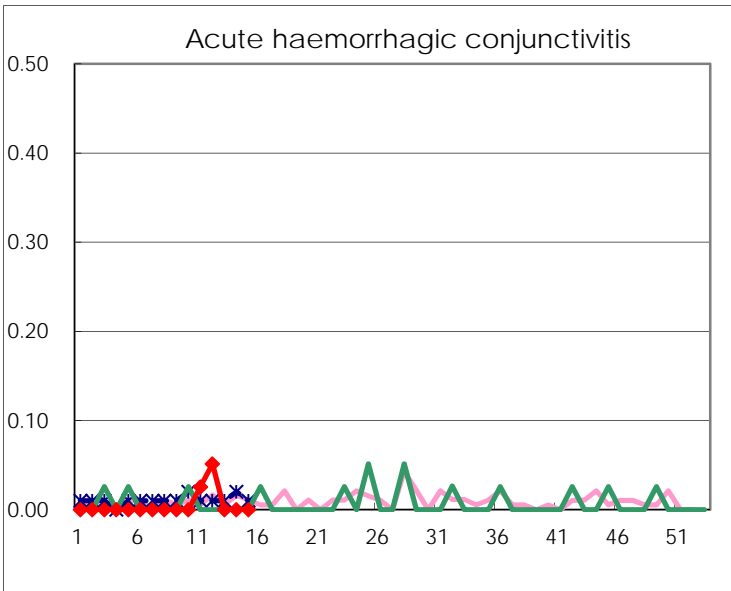
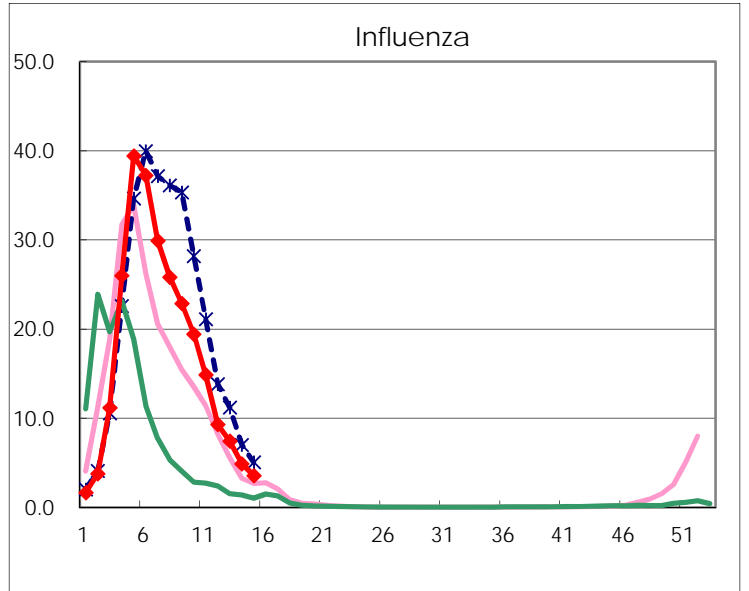
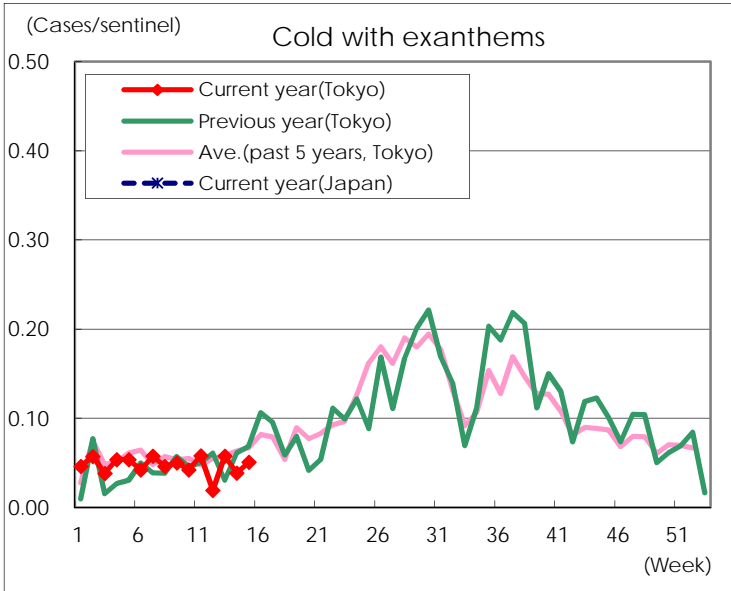
Diseases	Tokyo				
	12th	13th	14th	15th	/sentinel
Respiratory syncytial virus infection	25	13	17	34	0.13
Pharyngoconjunctival fever	31	37	55	40	0.16
Group A streptococcal pharyngitis	589	508	516	722	2.81
Infectious gastroenteritis	1,303	1,337	1,259	1,527	5.94
Chickenpox	86	92	108	68	0.26
Hand, foot, and mouth disease	18	6	9	8	0.03
Erythema infectiosum	35	29	53	56	0.22
Exanthem subitum	91	107	118	131	0.51
Pertussis		5	2	2	0.01
Herpangina	4	1	2	4	0.02
Mumps	111	115	112	108	0.42
Kawasaki disease	1	3	2	3	0.01
Cold with exanthems	5	15	10	13	0.05
Influenza	3,860	3,091	2,028	1,469	3.57
Acute hemorrhagic conjunctivitis	2				
Epidemic keratoconjunctivitis	14	14	26	17	0.44
Bacterial meningitis	1	1	3	2	0.08
Aseptic meningitis			1	1	0.04
<i>Mycoplasma pneumoniae</i>	5	10	5	8	0.33
<i>Chlamydial pneumoniae</i> (excluding psittacosis)			1		
Infectious gastroenteritis (only by Rotavirus)	5	1	5	12	0.50
Influenza-Associated Hospitalizations	22	8	12	6	0.25

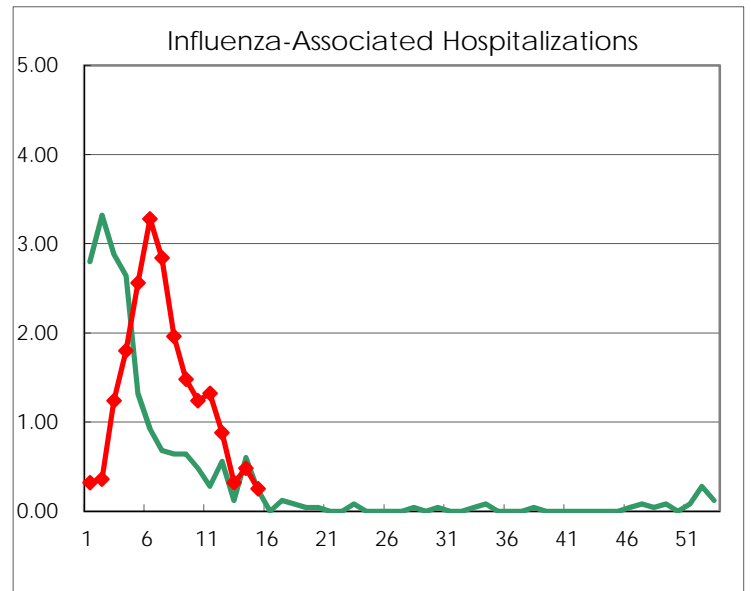
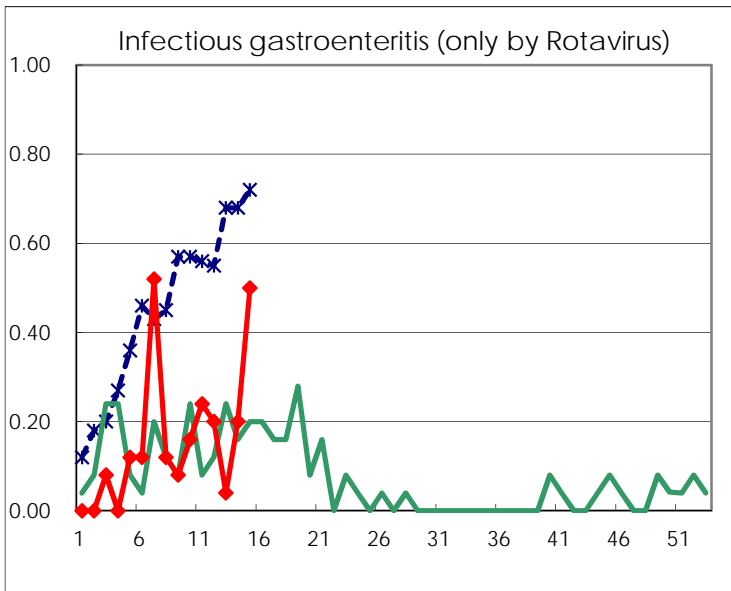
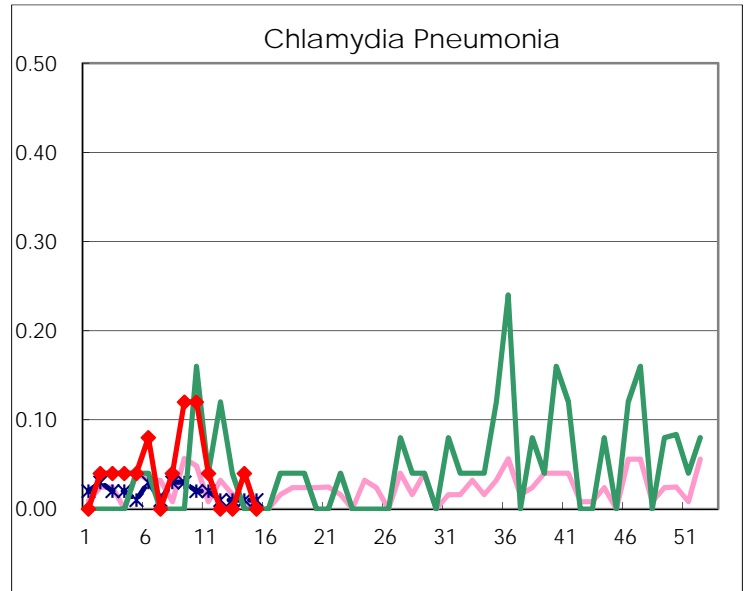
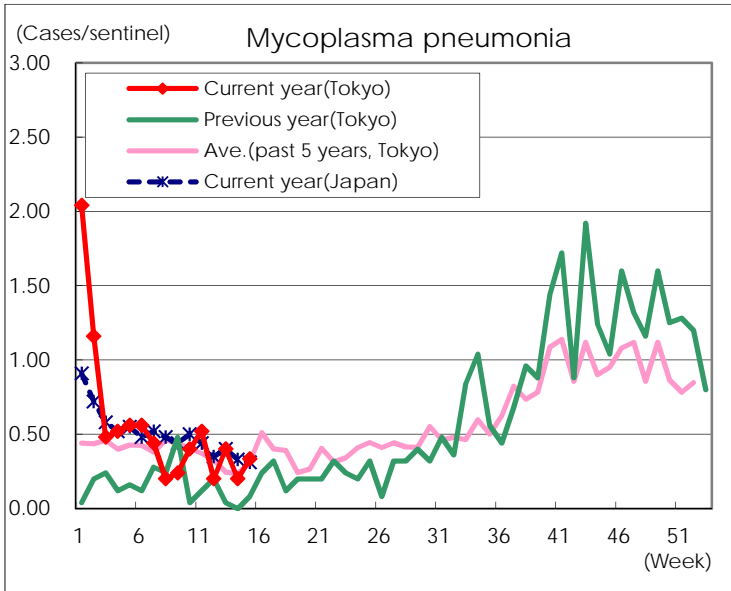
(Blank means 0.)

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	257
Influenza	419	411
Ophthalmic	39	39
Specially-designated	25	24