

12 January 2018 / 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.

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		
		50th	51st	52nd	1st	Cum 2018	1st	Cum 2018
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	61	62	81	14	14	132	132
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera							
	Shigellosis		1				1	1
	Enterohemorrhagic Escherichia coli infection		1	2	2	2	5	5
	Typhoid fever							
	Paratyphoid fever							
IV	Hepatitis E		3					
	West Nile fever							
	Hepatitis A		3	1			1	1
	Echinococcosis							
	Yellow fever							
	Psittacosis							
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Zika virus infection							
	Severe Fever with Thrombocytopenia Syndrome							
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever	1						
	Scrub typhus(Tsutsugamushi disease)	2	1	3			6	6
	Dengue fever				2	2	2	2
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever							
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							
	Venezuelan equine encephalitis							
	Hendra virus infection							
Epidemic typhus								
Botulism				1	1	1	1	
Malaria								
Tularemia								
Lyme disease								
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	5	1	2			8	8	
Leptospirosis								
Rocky mountain spotted fever								

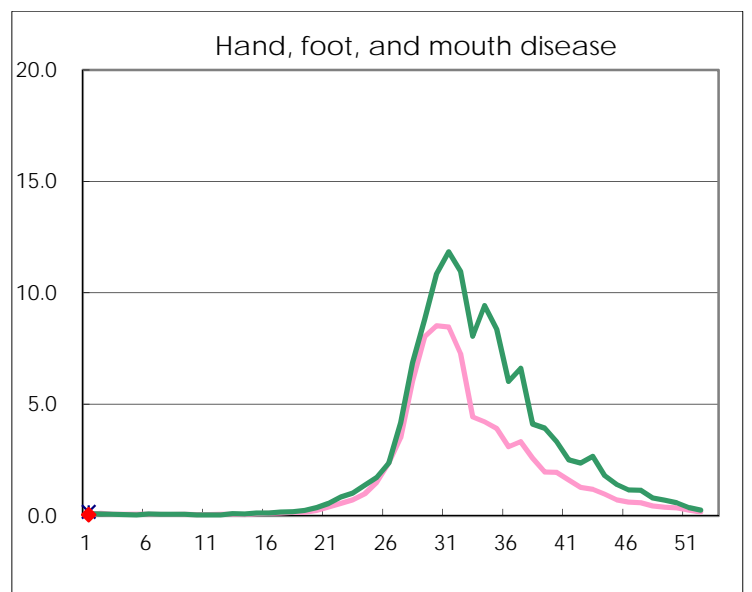
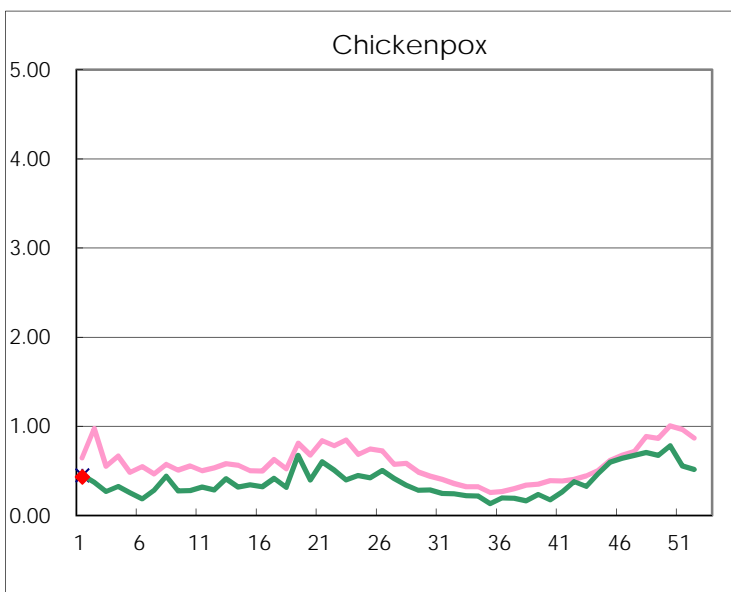
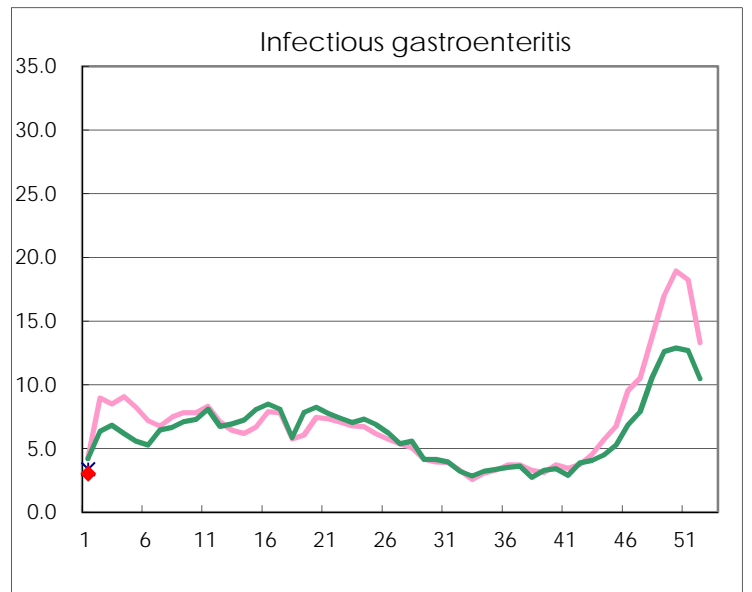
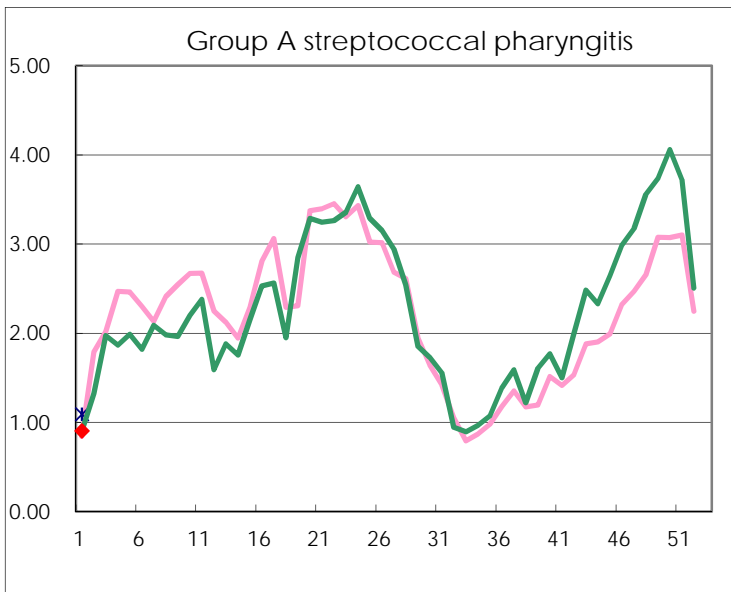
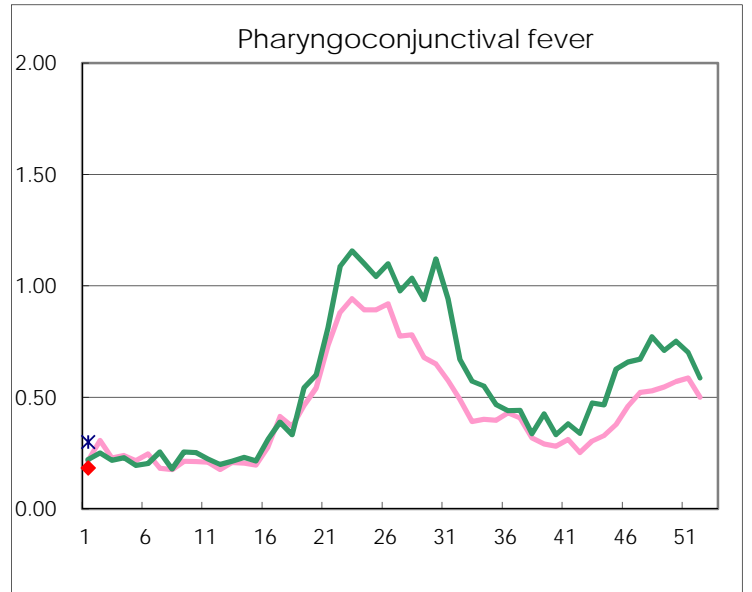
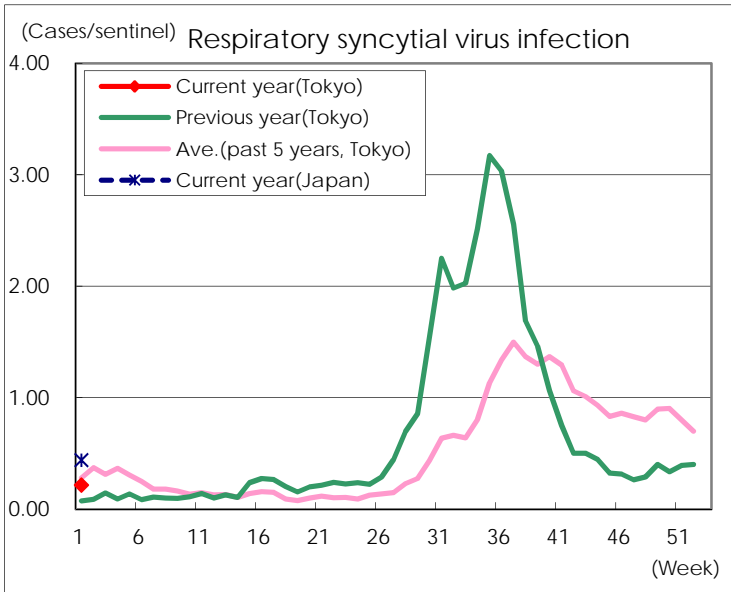
Category	Diseases	Tokyo					Japan	
		50th	51st	52nd	1st	Cum 2018	1st	Cum 2018
V	Amebiasis	4	4	4	1	1	1	1
	Viral hepatitis(excluding hepatitis A and E)	1	2	1			2	2
	CRE infection	1		5	3	3	9	9
	Acute encephalitis(excluding JE and WNE)	3	2	4	2	2	11	11
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease						2	2
	Severe invasive streptococcal infections(TSLS)	2	3		3	3	13	13
	Acquired immunodeficiency syndrome (AIDS)	6	9	7	1	1	3	3
	Giardiasis	1						
	Invasive <i>Haemophilus influenzae</i> disease	1	2	2	1	1	3	3
	Invasive meningococcal disease						2	2
	Invasive pneumococcal disease	7	5	6	7	7	54	54
	Varicella (limited to hospitalized case)	1		1	1	1	4	4
	Congenital rubella syndrome							
	Syphilis	39	27	37	7	7	21	21
	Disseminated cryptococcosis		1					
	Tetanus	1						
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection	1						
	Pertussis						8	8
Rubella								
Measles								
MDRA infection								

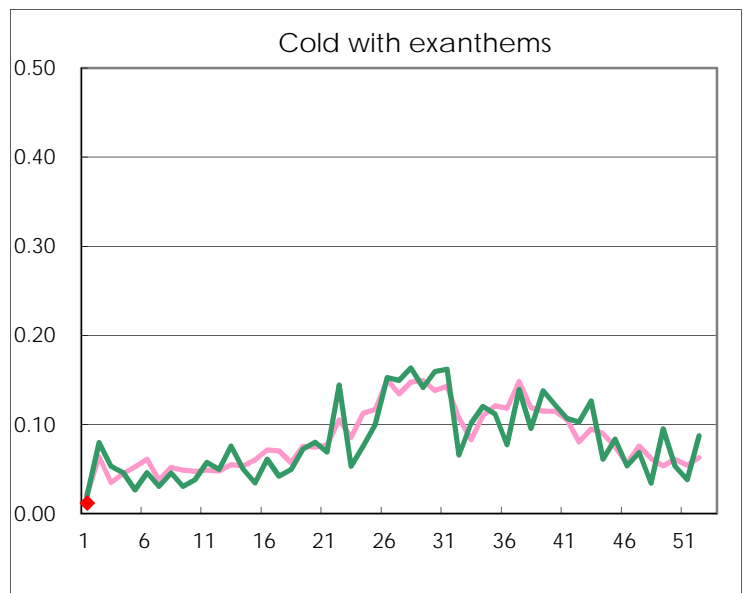
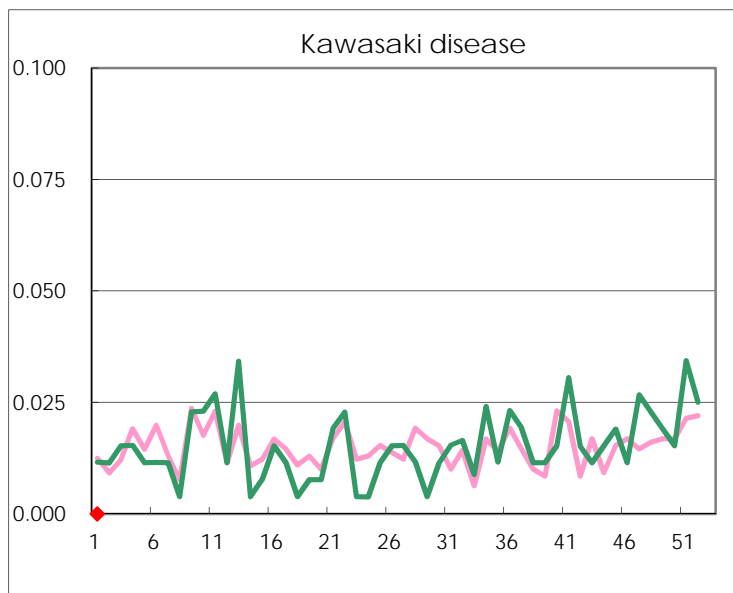
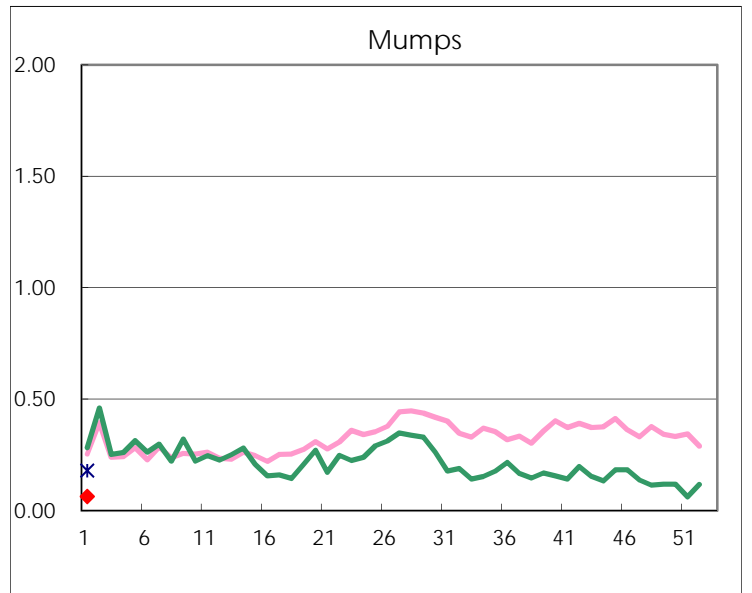
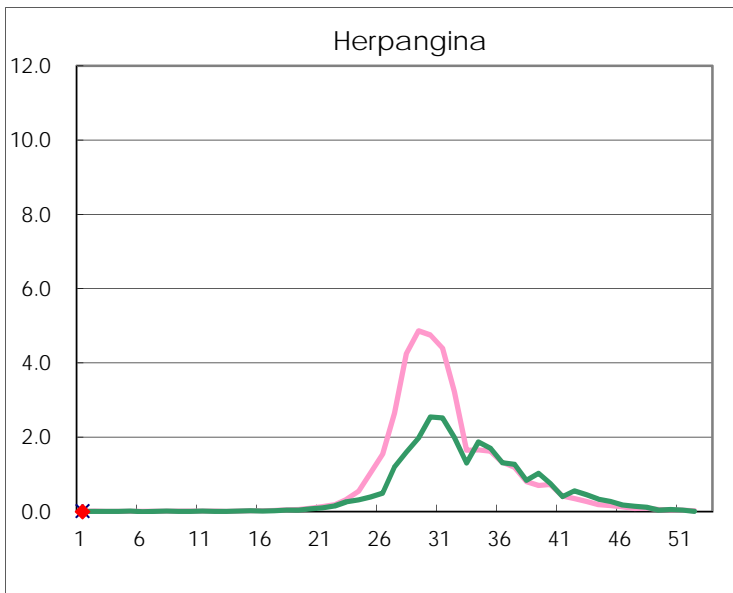
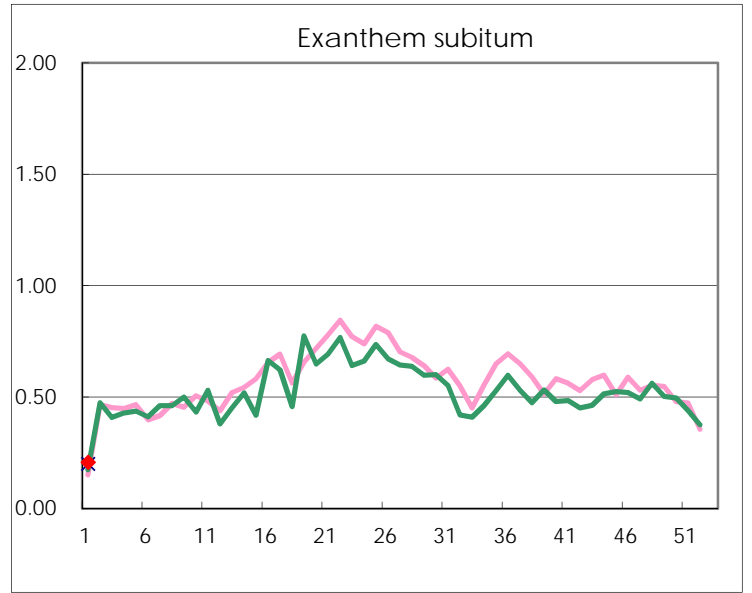
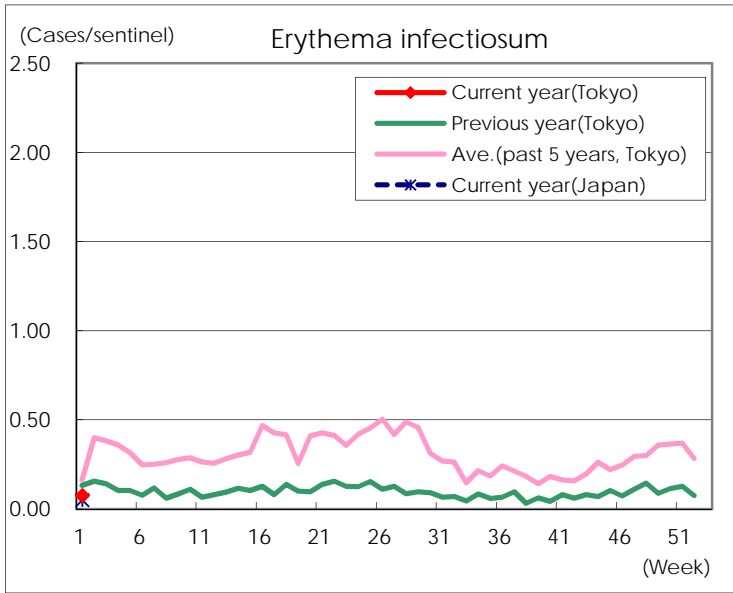
Number of patients with the diseases to be reported
by the designated clinics and hospitals

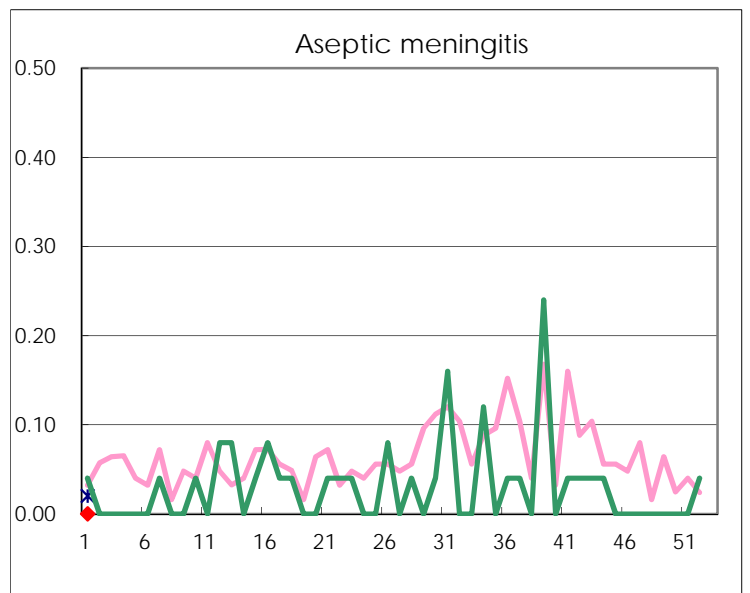
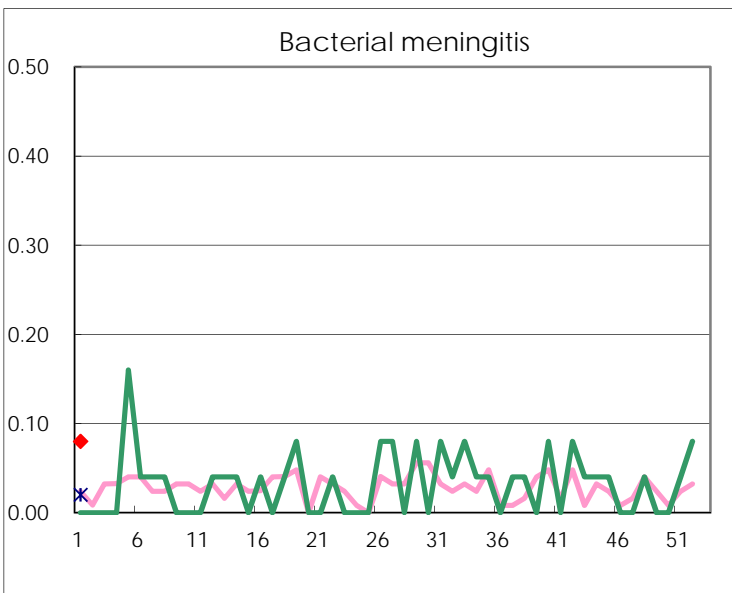
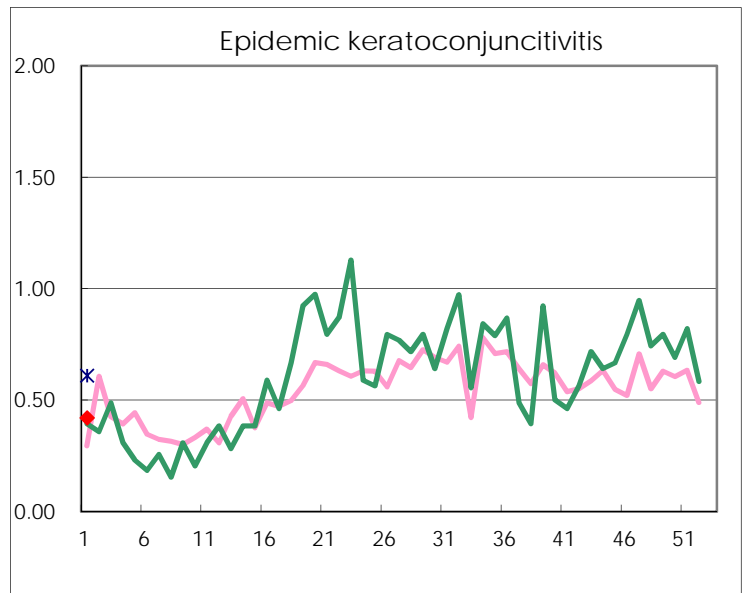
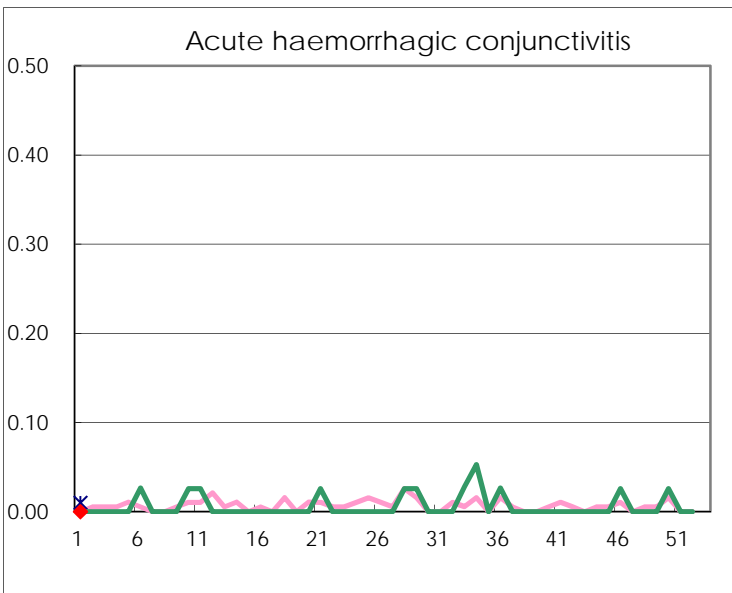
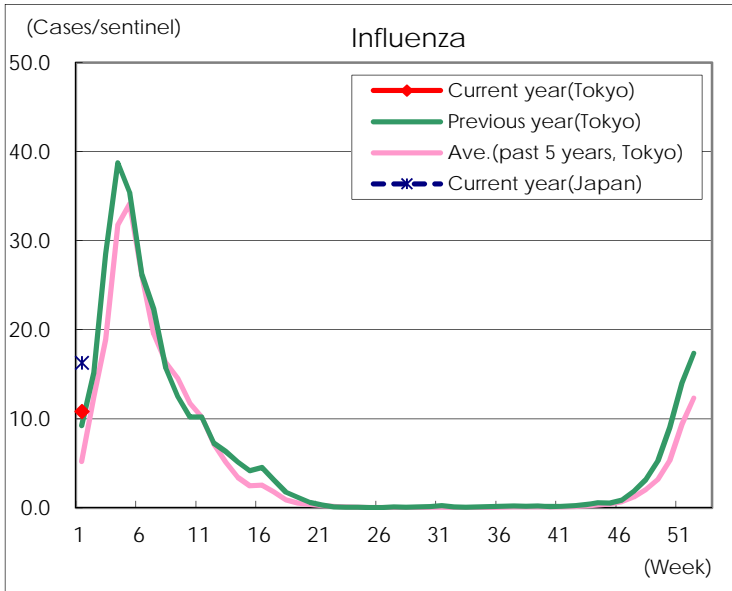
Diseases	Tokyo				
	50th	51st	52nd	1st	/sentinel
Respiratory syncytial virus infection	88	103	96	54	0.22
Pharyngoconjunctival fever	197	184	141	46	0.18
Group A streptococcal pharyngitis	1,064	974	601	227	0.90
Infectious gastroenteritis	3,374	3,324	2,510	760	3.03
Chickenpox	205	145	124	108	0.43
Hand, foot, and mouth disease	153	97	59	10	0.04
Erythema infectiosum	30	33	18	19	0.08
Exanthem subitum	130	115	90	52	0.21
Herpangina	14	10	2		
Mumps	31	16	28	16	0.06
Kawasaki disease	4	9	6		
Cold with exanthems	14	10	21	3	0.01
Influenza	3,756	5,821	6,721	4,335	10.84
Acute hemorrhagic conjunctivitis	1				
Epidemic keratoconjunctivitis	27	32	21	16	0.42
Bacterial meningitis		1	2	2	0.08
Aseptic meningitis			1		
Mycoplasma pneumonia	4	2	6	1	0.04
Chlamydial pneumonia (excluding psittacosis)			2	1	0.04
Infectious gastroenteritis (only by Rotavirus)	1			1	0.04
Influenza-Associated Hospitalizations	21	41	51	86	3.44

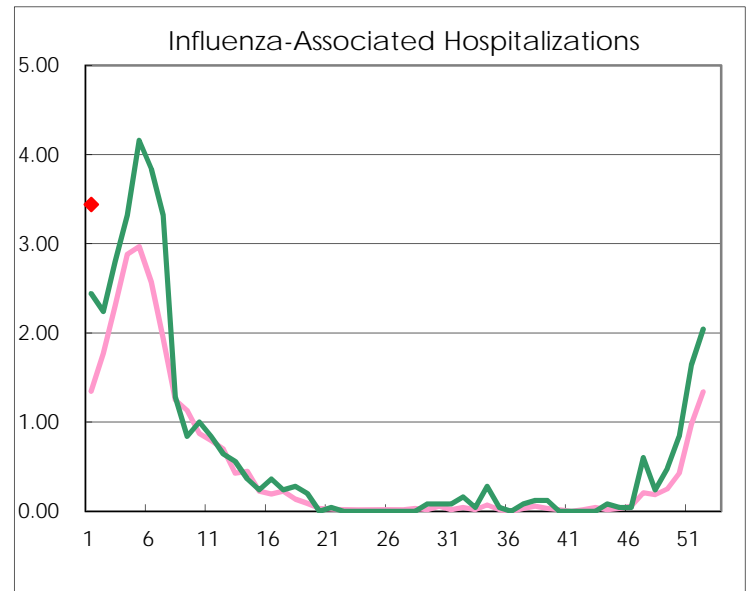
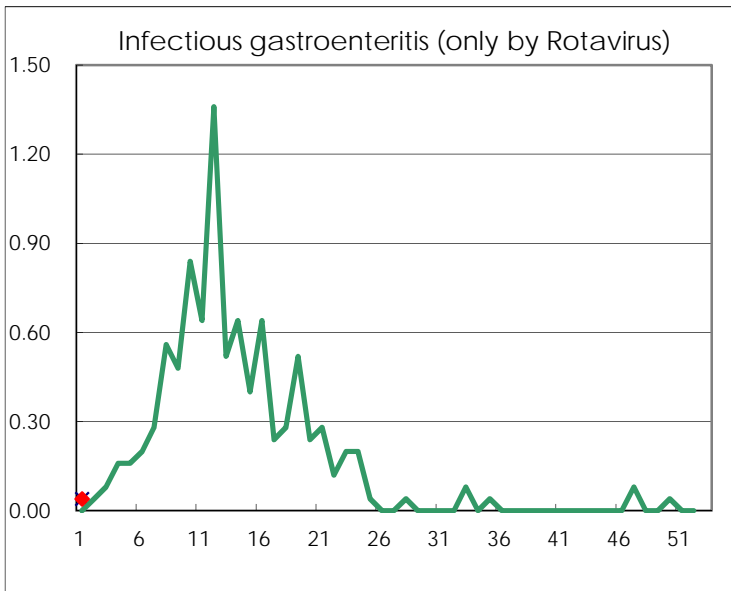
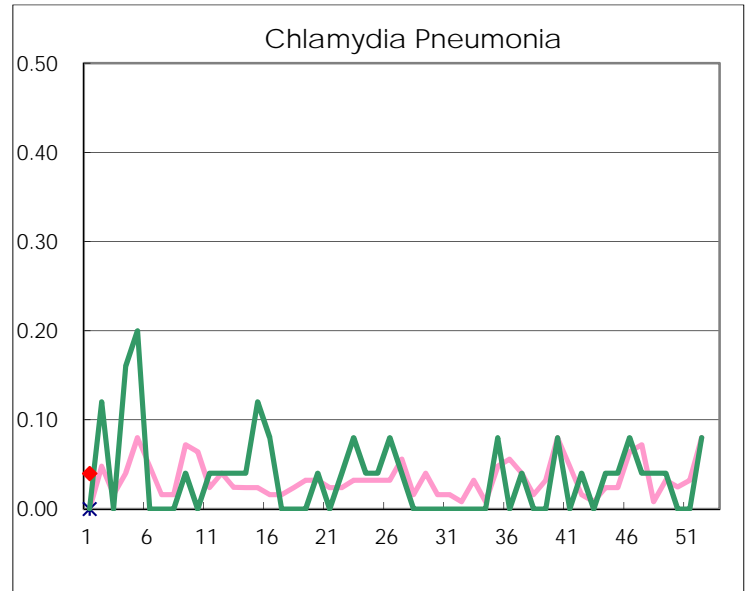
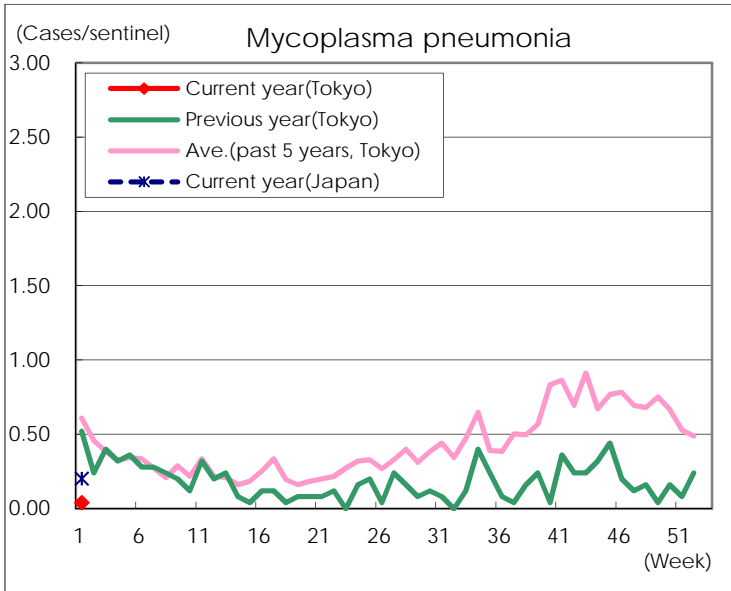
(Blank means 0.)

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	251
Influenza	419	400
Ophthalmic	39	38
Specially-designated	25	25