

17 January 2020 / Number 2

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	
		51st	52nd	1st	2nd	Cum 2020	2nd	Cum 2020
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	38	67	3	61	64	352	388
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera						1	1
	Shigellosis	1					1	1
	Enterohemorrhagic Escherichia coli infection		5	1		1	15	19
	Typhoid fever						1	1
	Paratyphoid fever							
IV	Hepatitis E	3	1		5	5	8	9
	West Nile fever							
	Hepatitis A	1	2		4	4	5	9
	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						1	1
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever	2					1	1
	Scrub typhus(Tsutsugamushi disease)	4	1		2	2	25	27
	Dengue fever	2			2	2	3	5
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						2	2
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
Botulism								
Malaria		1		1	1		2	
Tularemia								
Lyme disease								
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	2	4		2	2	37	54	
Leptospirosis								
Rocky mountain spotted fever								

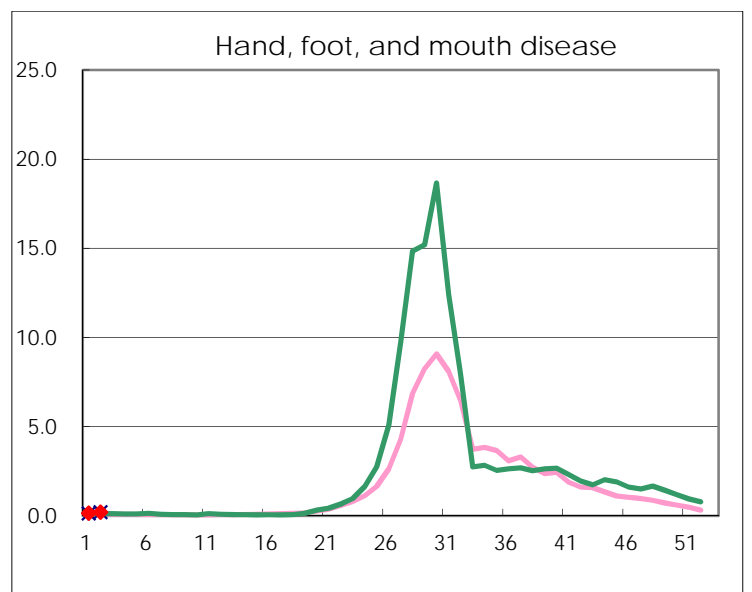
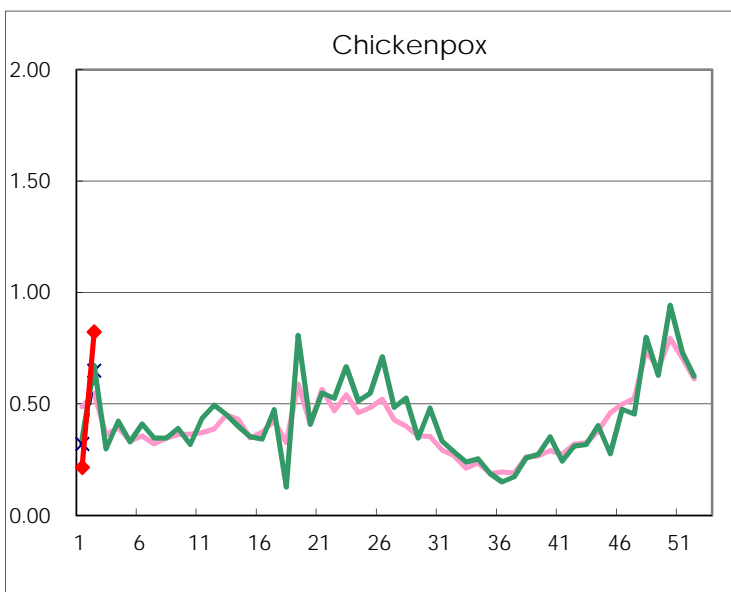
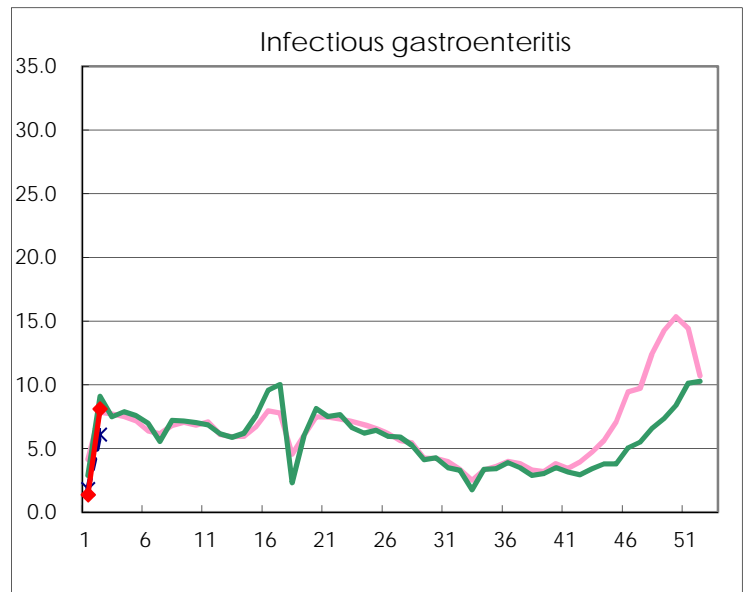
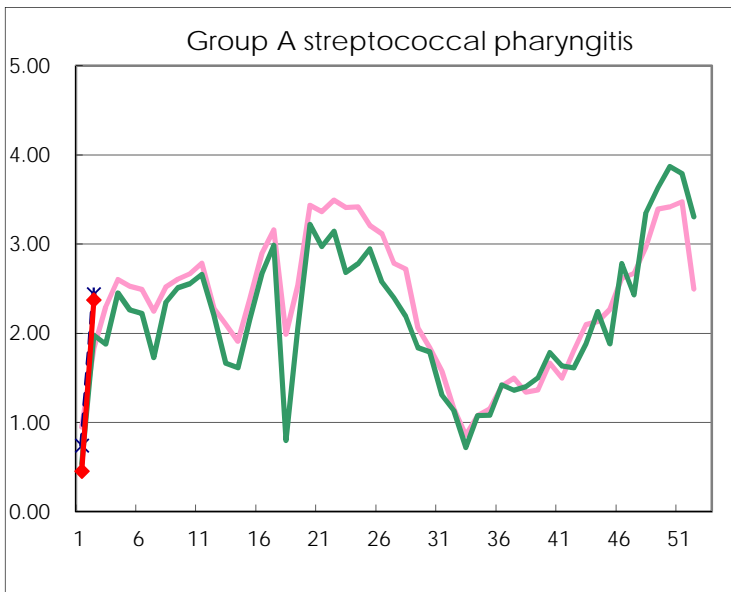
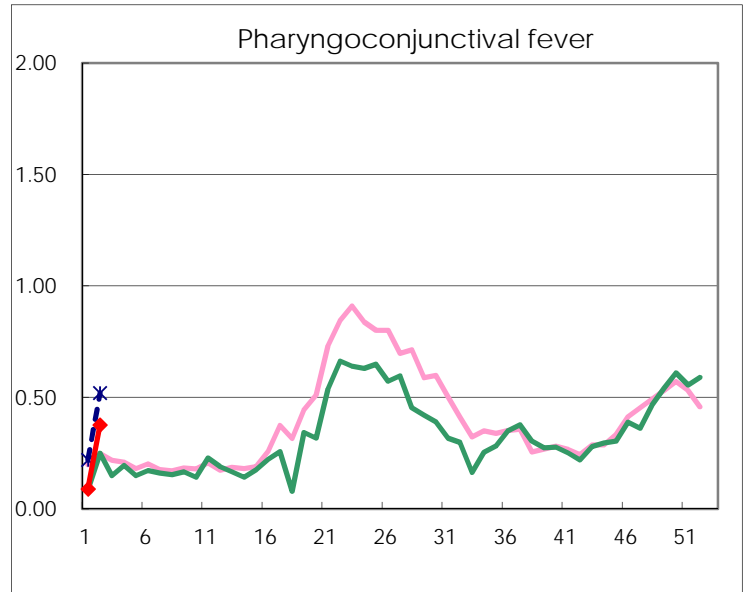
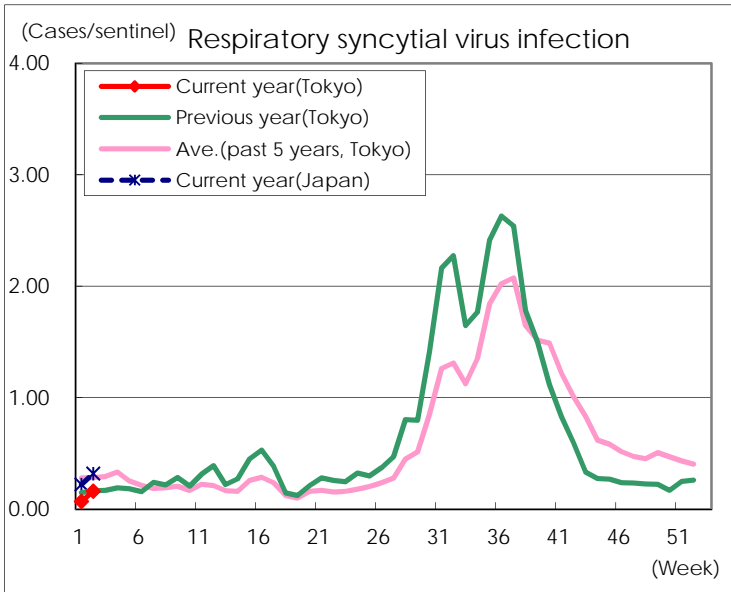
Category	Diseases	Tokyo				Japan		
		51st	52nd	1st	2nd	Cum 2020	2nd	Cum 2020
V	Amebiasis	3	1		4	4	16	20
	Viral hepatitis(excluding hepatitis A and E)	2	1					
	CRE infection	7	7		4	4	31	46
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)							
	Acute encephalitis(excluding JE and WNE)		1		5	5	23	48
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease		2					
	Severe invasive streptococcal infections(TSLS)	2	5		3	3	20	36
	Acquired immunodeficiency syndrome (AIDS)	10	16		2	2	9	11
	Giardiasis		1					
	Invasive <i>Haemophilus influenzae</i> disease	3	3	2	3	5	15	28
	Invasive meningococcal disease	1			1	1	1	2
	Invasive pneumococcal disease	10	16		21	21	79	137
	Varicella (limited to hospitalized case)	1	3		1	1	8	12
	Congenital rubella syndrome						1	1
	Syphilis	20	34		31	31	66	77
	Disseminated cryptococcosis							2
	Tetanus						2	3
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection							1
	Pertussis	17	10		9	9	139	159
Rubella						9	11	
Measles						1	2	
MDRA infection								

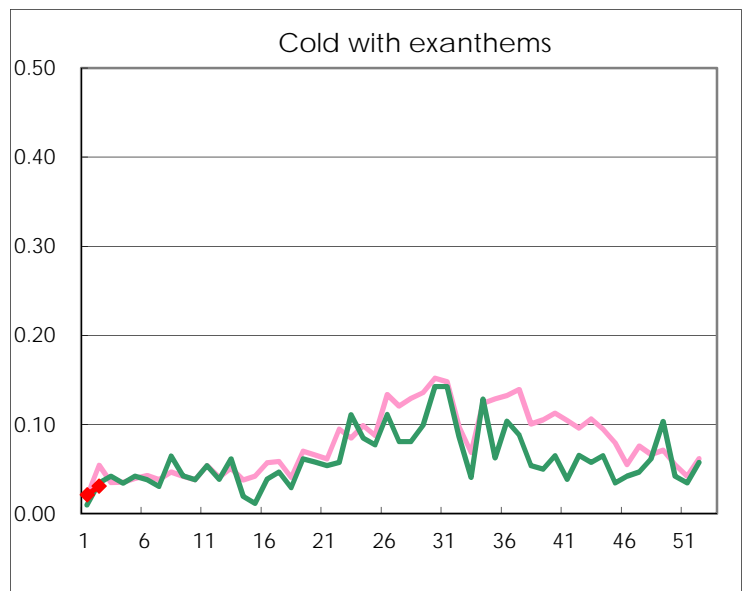
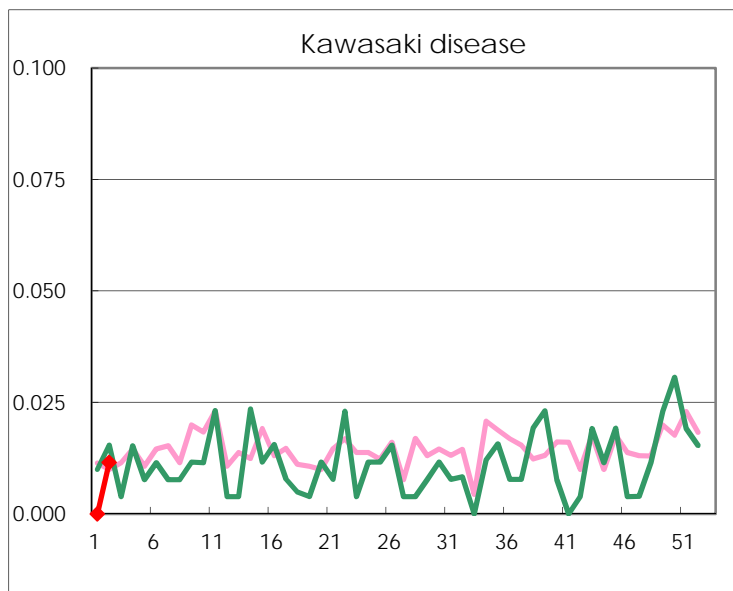
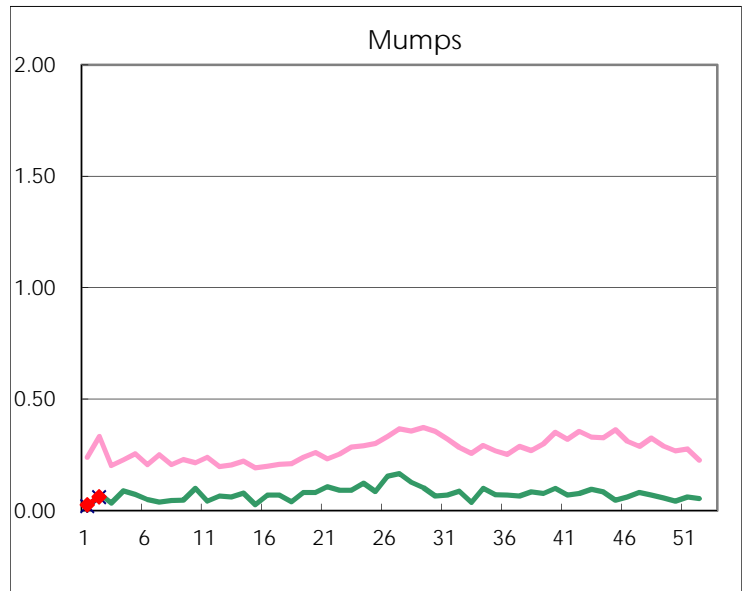
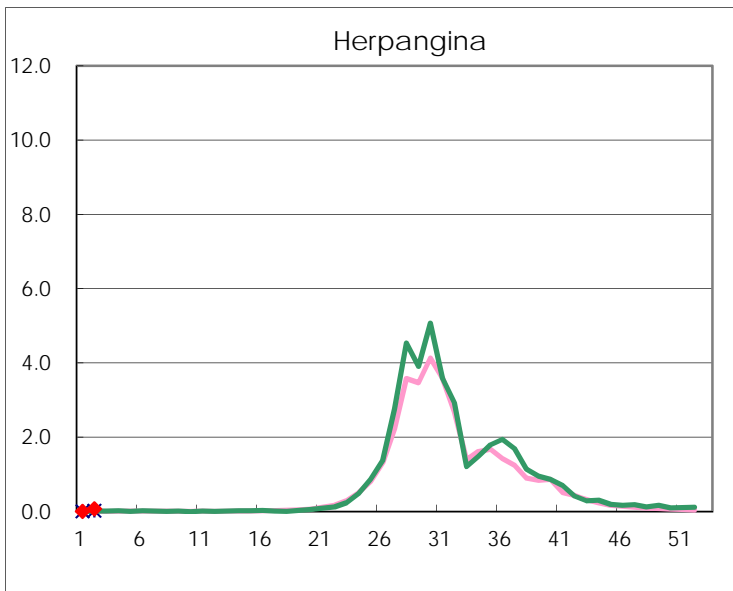
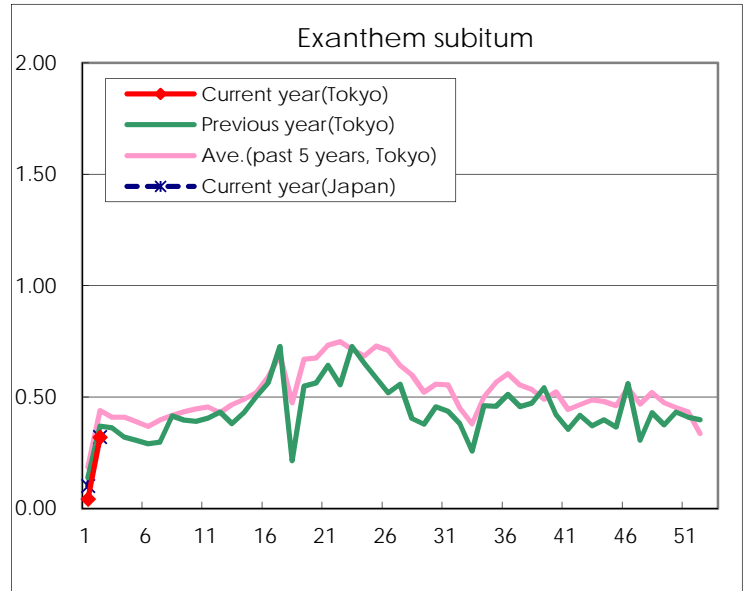
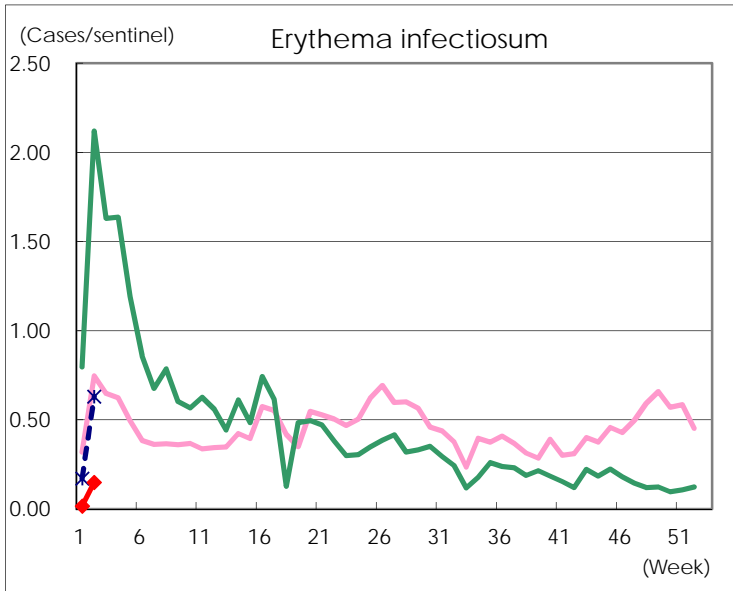
Number of patients with the diseases to be reported
by the designated clinics and hospitals

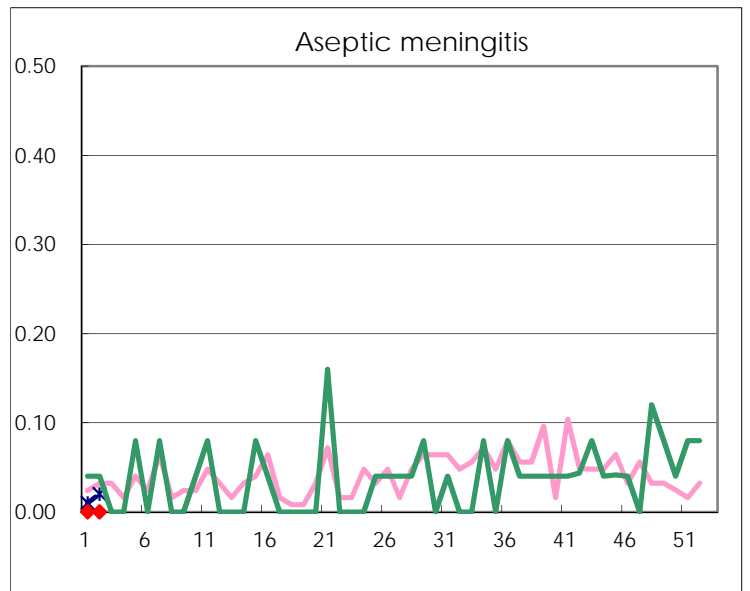
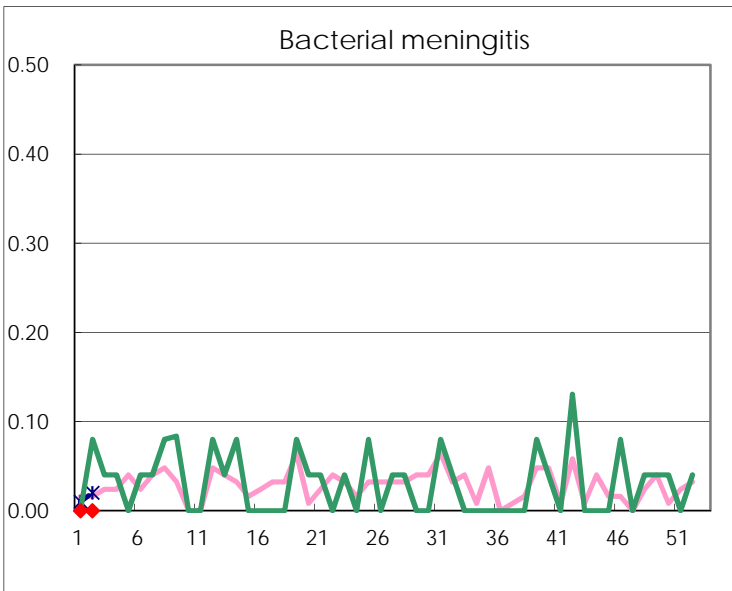
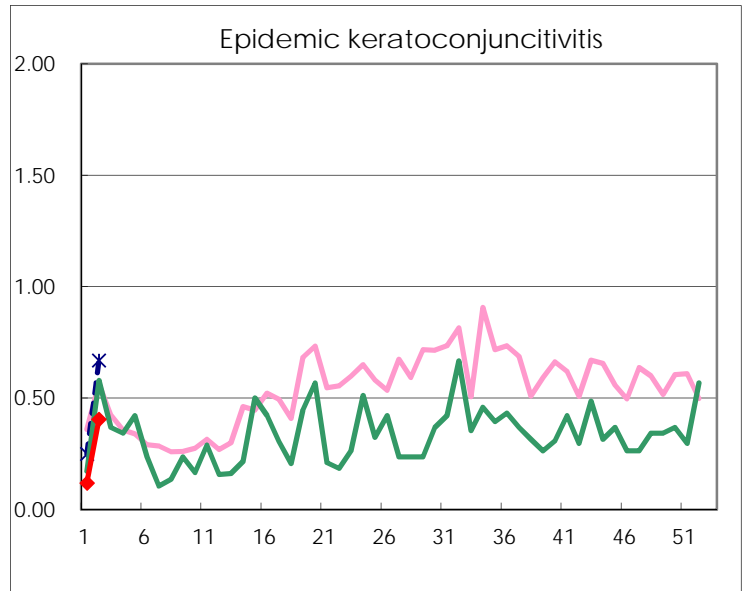
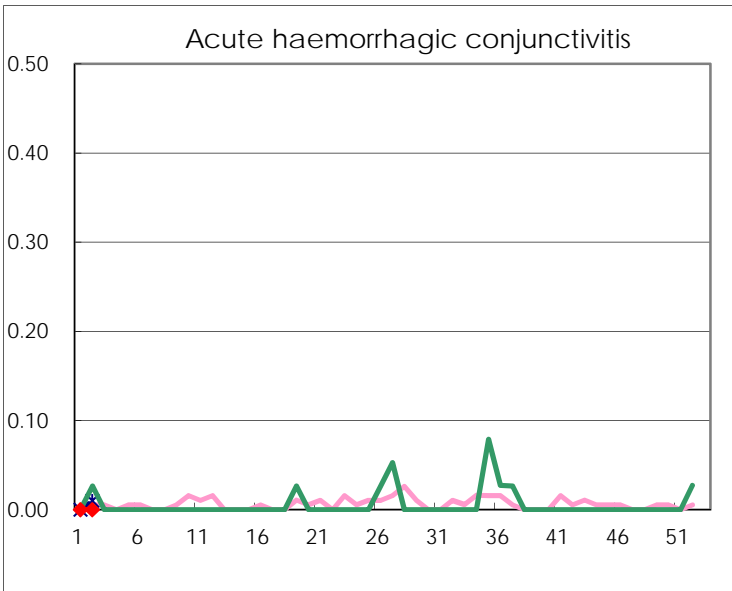
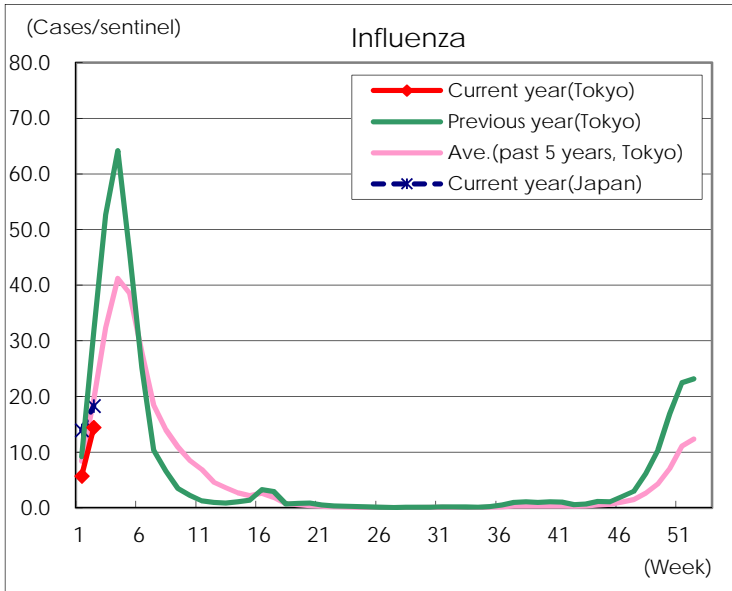
Diseases	Tokyo				
	51st	52nd	1st	2nd	/sentinel
Respiratory syncytial virus infection	65	68	13	42	0.16
Pharyngoconjunctival fever	145	154	17	98	0.38
Group A streptococcal pharyngitis	989	863	86	617	2.37
Infectious gastroenteritis	2,639	2,683	256	2,103	8.09
Chickenpox	191	163	41	214	0.82
Hand, foot, and mouth disease	246	203	27	53	0.20
Erythema infectiosum	28	32	3	39	0.15
Exanthem subitum	107	104	8	83	0.32
Herpangina	29	31	1	20	0.08
Mumps	16	14	5	16	0.06
Kawasaki disease	5	4		3	0.01
Cold with exanthems	9	15	4	8	0.03
Influenza	9,340	9,622	1,787	5,998	14.45
Acute hemorrhagic conjunctivitis		1			
Epidemic keratoconjunctivitis	11	21	3	15	0.41
Bacterial meningitis		1			
Aseptic meningitis	2	2			
<i>Mycoplasma pneumoniae</i>	16	14	8	11	0.46
Chlamydial pneumonia (excluding psittacosis)	1	2		1	0.04
Infectious gastroenteritis (only by Rotavirus)			1	1	0.04
Influenza-Associated Hospitalizations	84	105	91	56	2.33

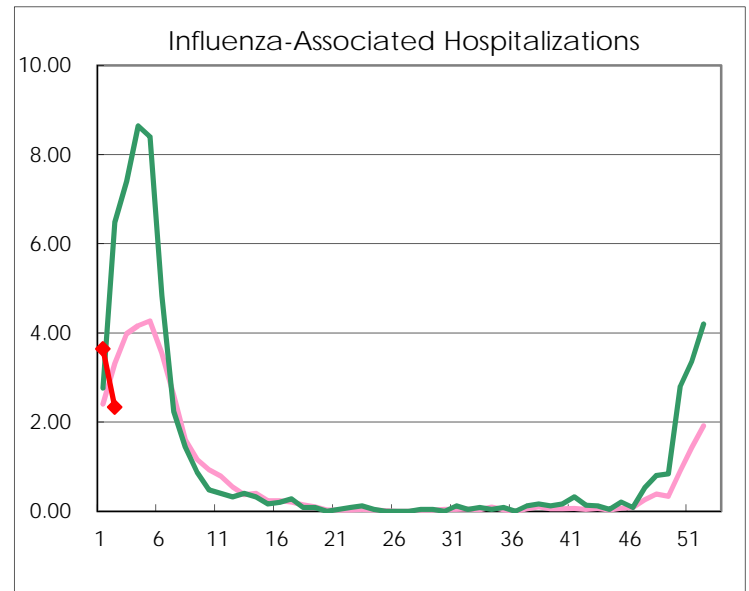
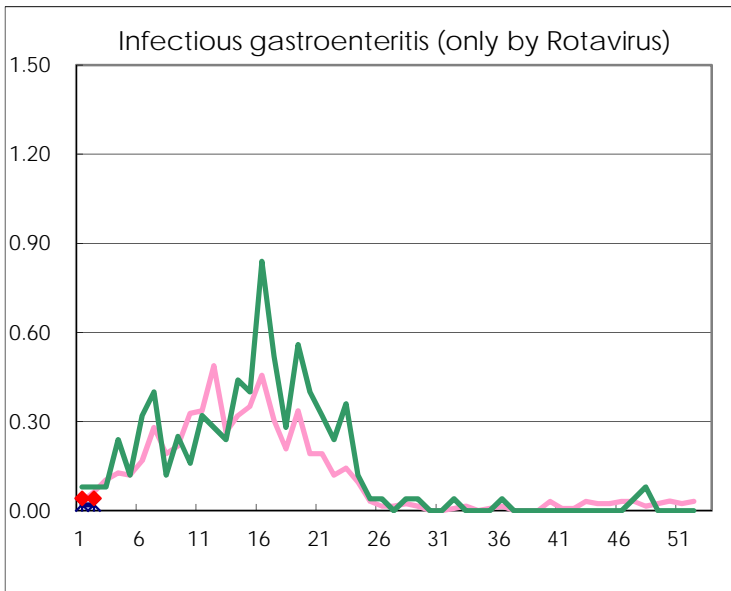
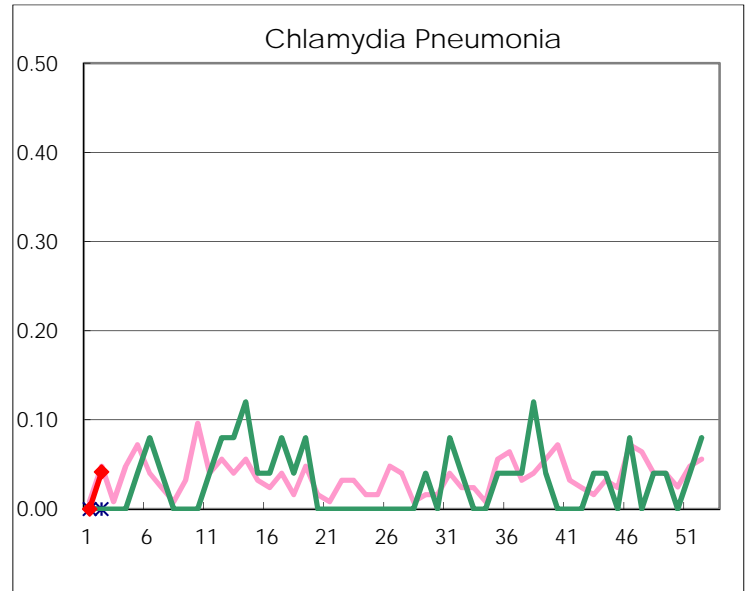
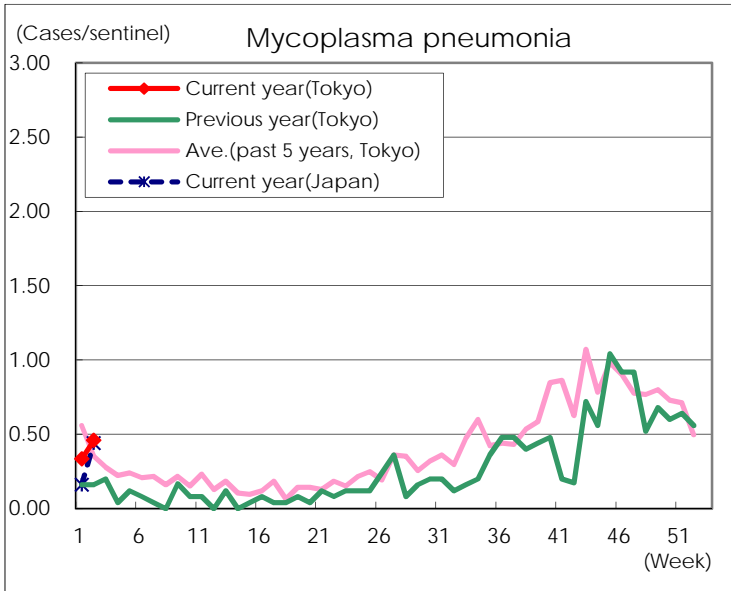
(Blank means 0.)

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	415
Ophthalmic	39	37
Specially-designated	25	24