

4 June 2020 / Number 22
(5/25 ~ 5/31)

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.

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Number of patients with the diseases which all physicians must report

Category	Diseases	Tokyo					Japan	
		19th	20th	21st	22nd	Cum 2020	22nd	Cum 2020
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	26	46	33	36	995	266	6,875
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
※	Novel Coronavirus 2019 infection	211	79	51	108	5,368		
III	Cholera							
	Shigellosis					9	6	51
	Enterohemorrhagic Escherichia coli infection		1	2	2	45	31	439
	Typhoid fever					1		16
	Paratyphoid fever					1		7
IV	Hepatitis E		2		1	60	4	217
	West Nile fever							
	Hepatitis A					15	1	63
	Echinococcosis							7
	Yellow fever							
	Psittacosis							4
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							1
	Coccidioidomycosis					1		2
	Monkeypox							
	Zika virus infection							1
	Severe Fever with Thrombocytopenia Syndrome							20
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							3
	Scrub typhus(Tsutsugamushi disease)					5	8	80
	Dengue fever					12		40
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						11	55
	Japanese encephalitis							1
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							1
	Venezuelan equine encephalitis							
	Hendra virus infection							
Epidemic typhus								
Botulism								
Malaria	1					5	12	
Tularemia								
Lyme disease							2	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis				3	29	32	538	
Leptospirosis							1	
Rocky mountain spotted fever								

Category	Diseases	Tokyo					Japan	
		19th	20th	21st	22nd	Cum 2020	22nd	Cum 2020
V	Amebiasis			2	1	49	7	246
	Viral hepatitis(excluding hepatitis A and E)			3	2	29	1	109
	CRE infection	3	1	1	2	43	24	619
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)					1		13
	Acute encephalitis(excluding JE and WNE)			1		18	5	283
	Cryptosporidiosis						1	2
	Creutzfeldt-Jakob disease		1	1		6	2	55
	Severe invasive streptococcal infections(TSLS)		1	1	2	41	8	346
	Acquired immunodeficiency syndrome (AIDS)	2	7	9	7	145	12	404
	Giardiasis					3		13
	Invasive <i>Haemophilus influenzae</i> disease		1		1	17	6	159
	Invasive meningococcal disease					1		11
	Invasive pneumococcal disease	2	1		2	98	12	920
	Varicella (limited to hospitalized case)	1	2	1		25	2	151
	Congenital rubella syndrome							1
	Syphilis	14	32	36	26	583	75	2,269
	Disseminated cryptococcosis					6	1	49
	Tetanus					3	4	43
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection			1		5	2	52
Pertussis	2	6	4	1	214	6	2,449	
Rubella					20		76	
Measles					2		12	
MDRA infection							3	

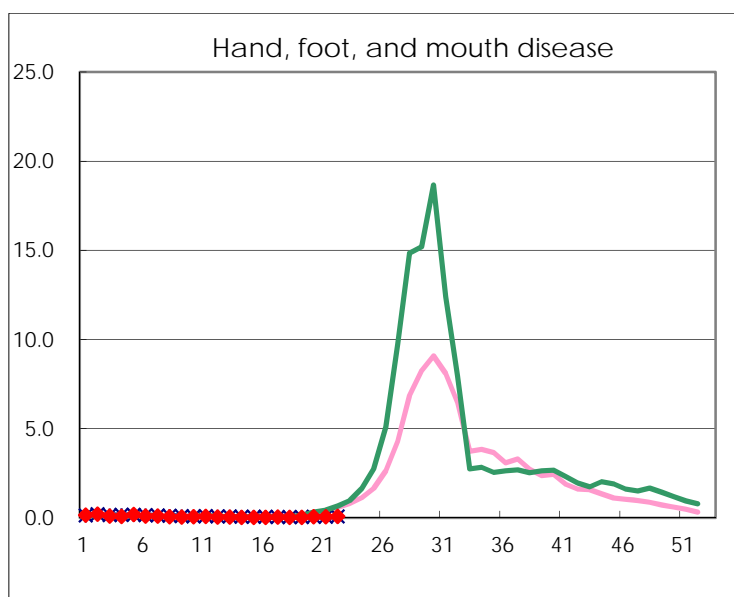
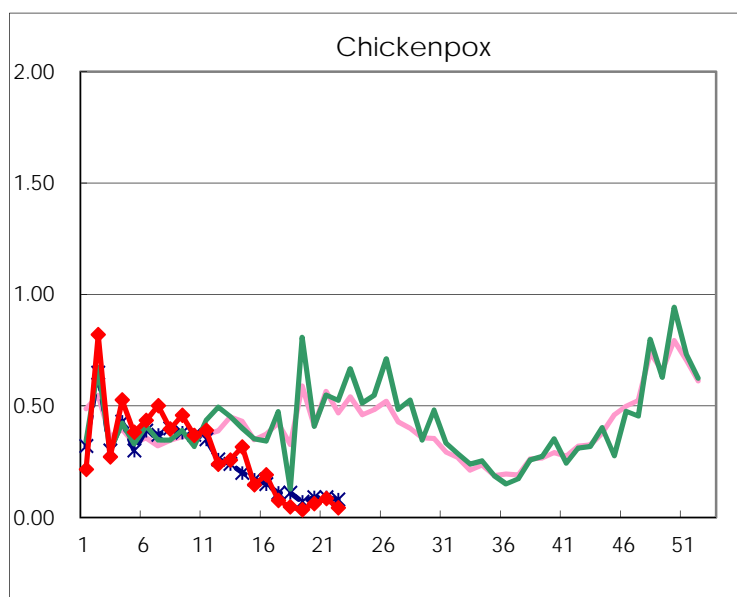
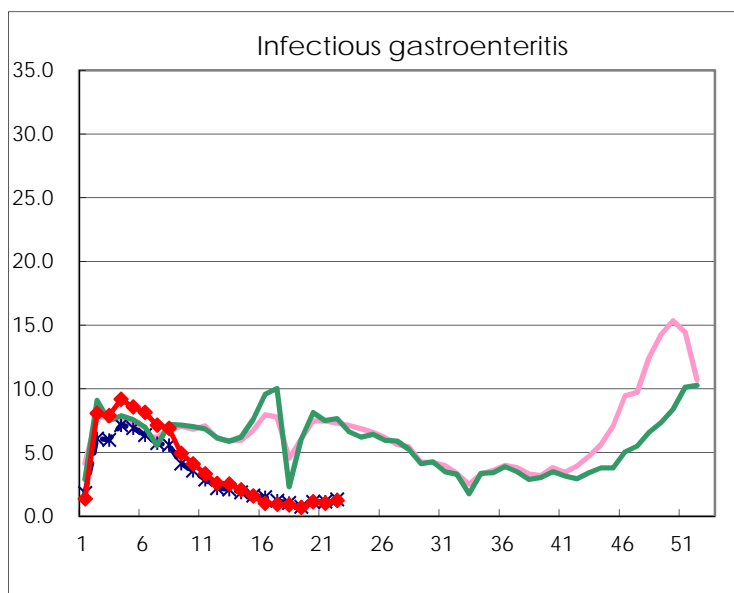
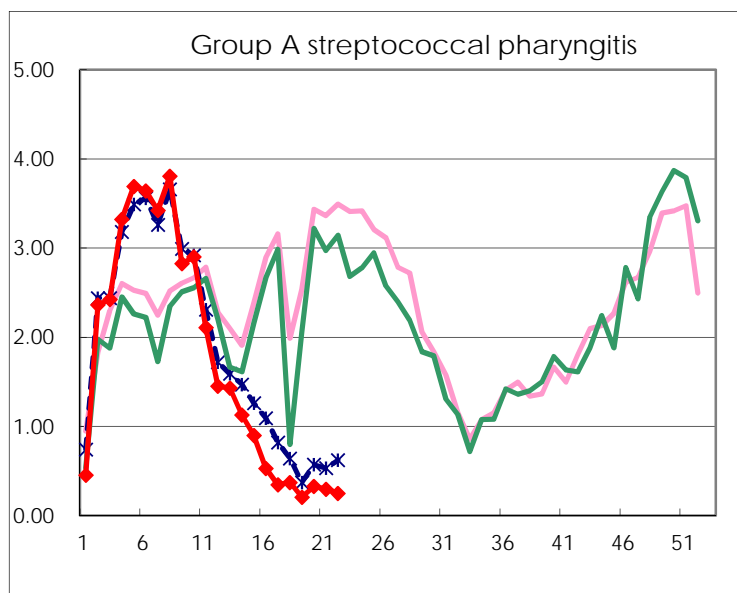
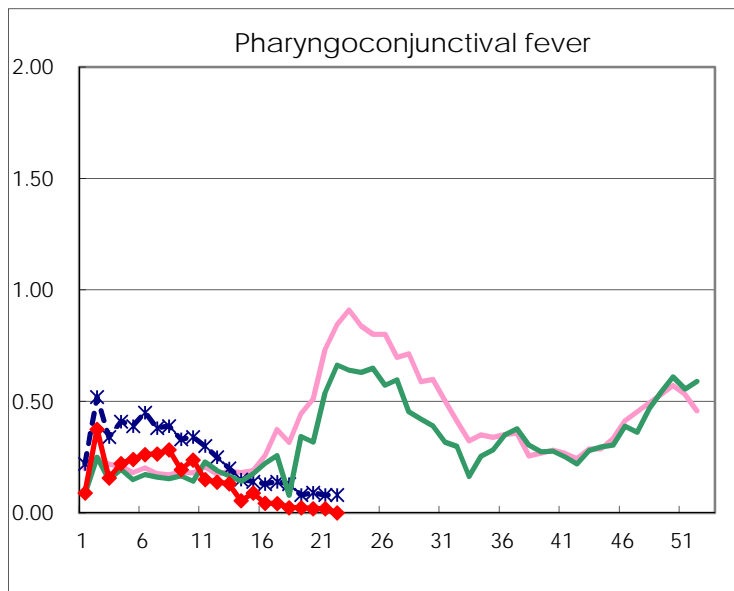
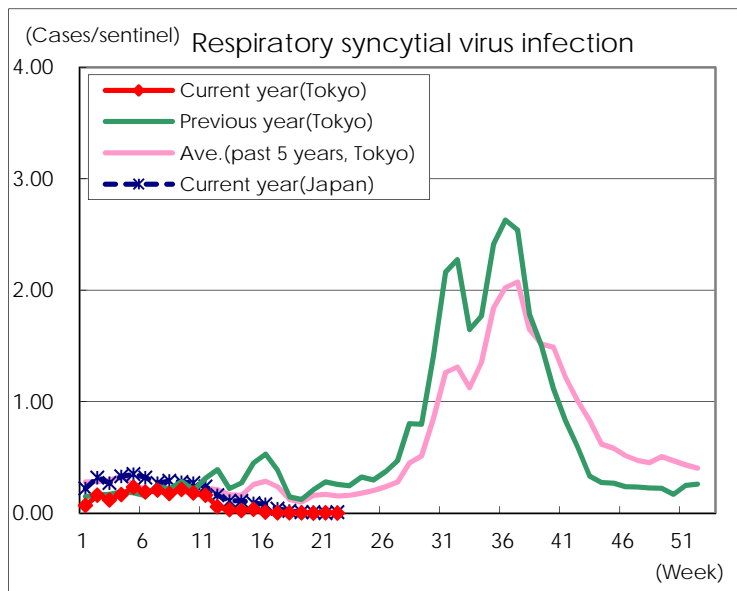
※ Designated infectious disease

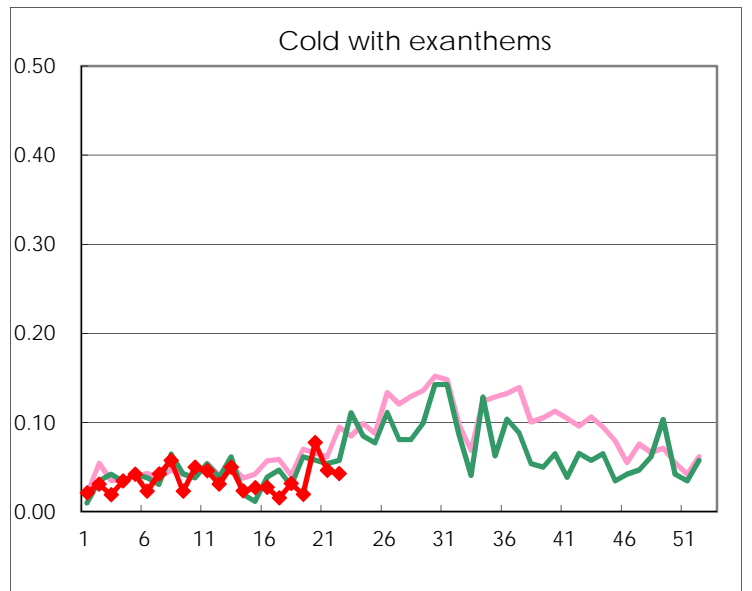
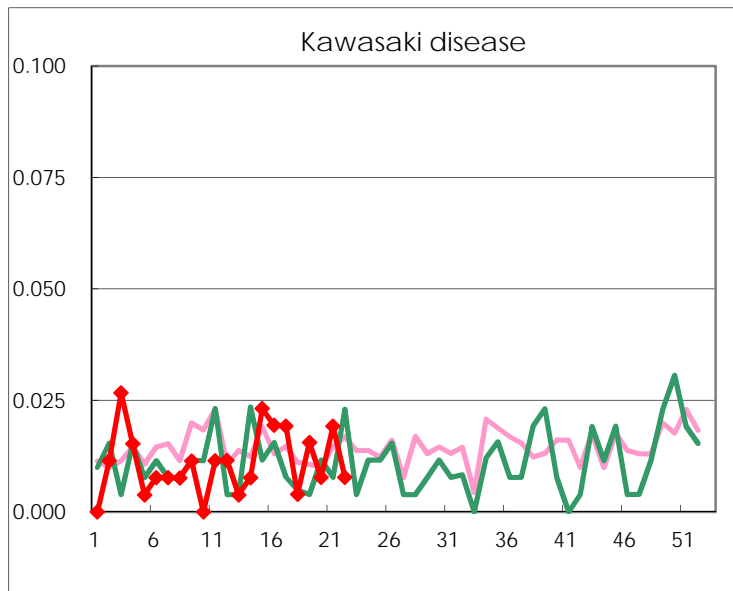
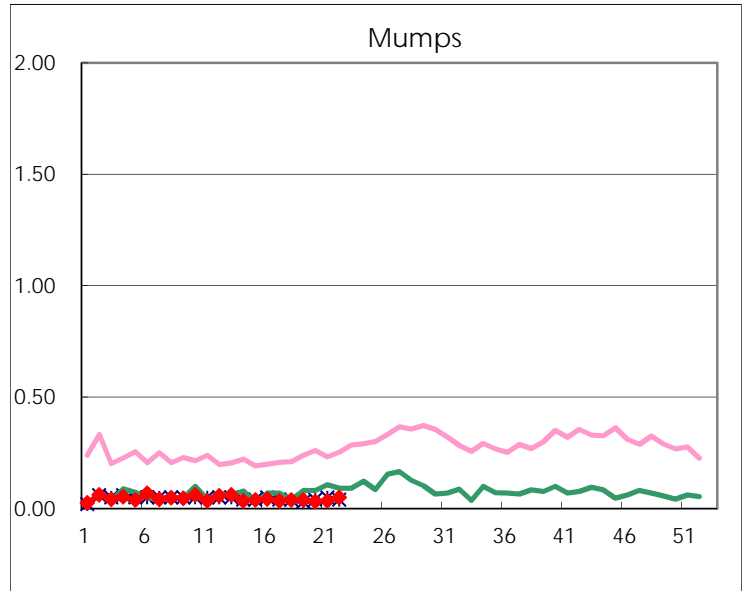
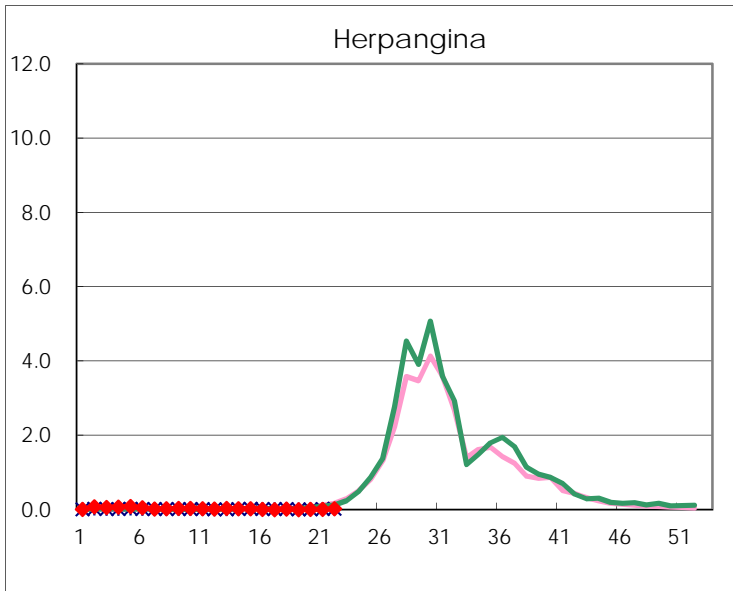
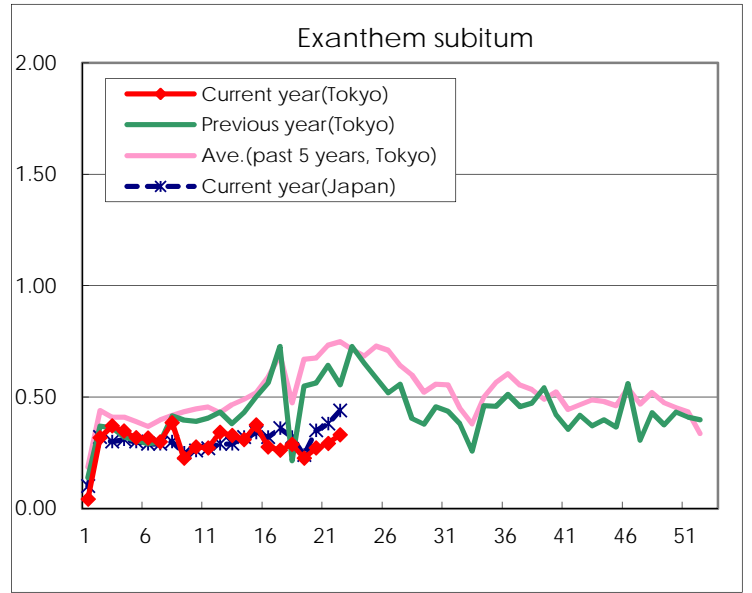
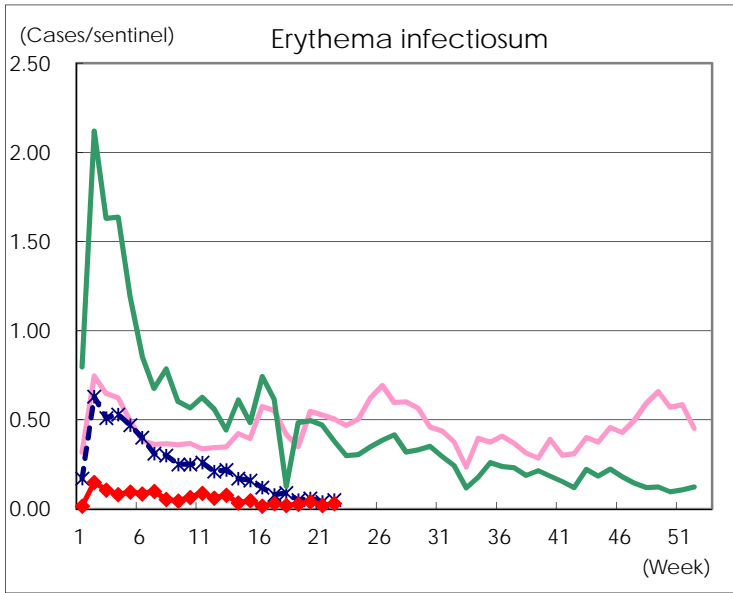
Number of patients with the diseases to be reported
by the designated clinics and hospitals

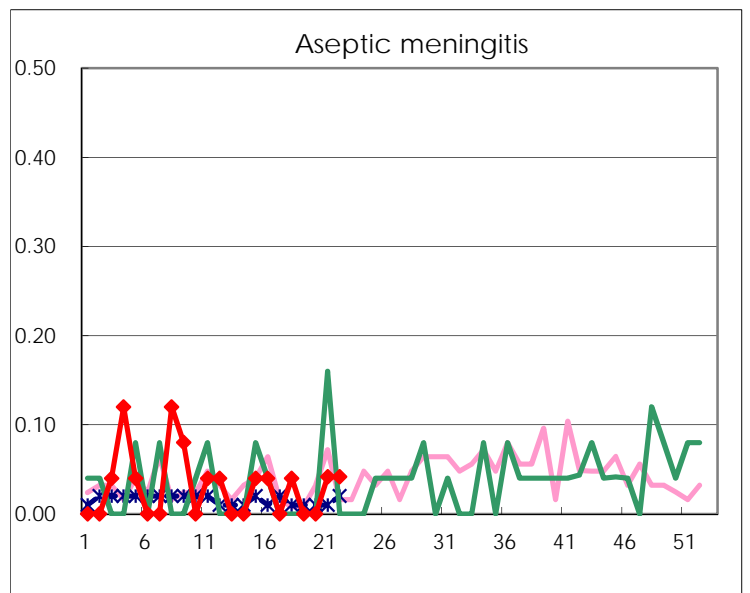
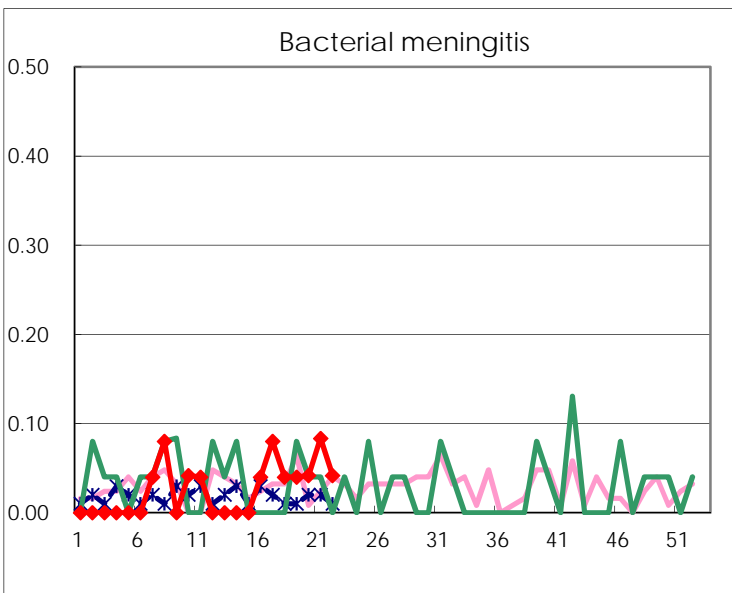
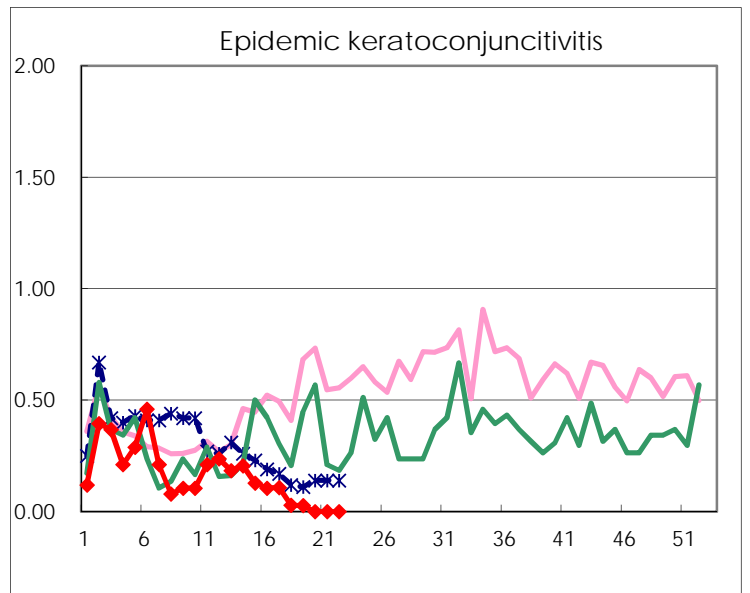
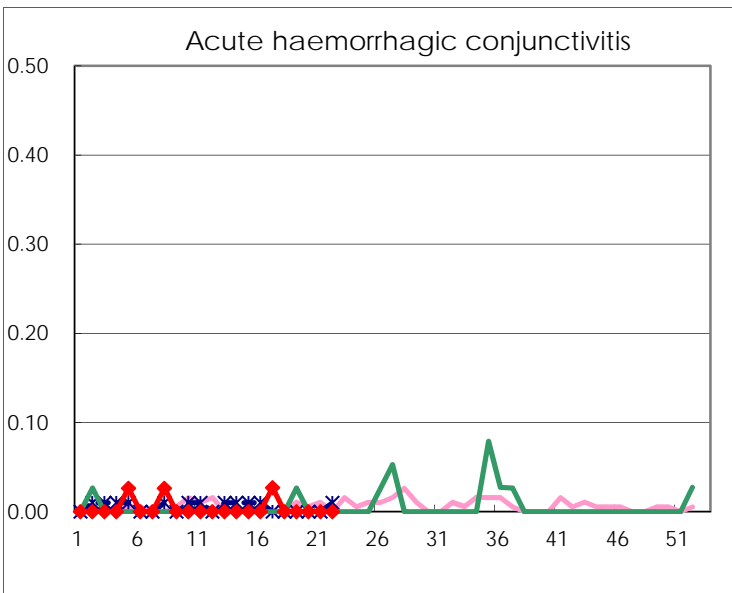
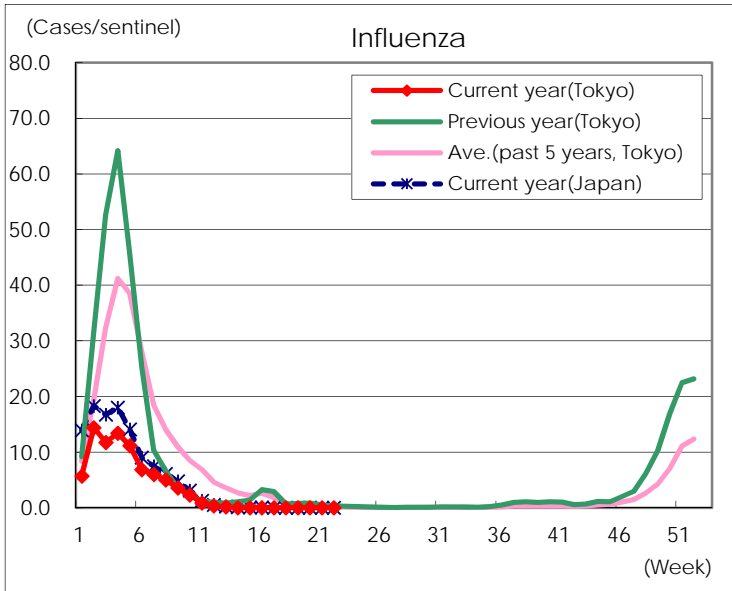
Diseases	Tokyo				
	19th	20th	21st	22nd	/sentinel
Respiratory syncytial virus infection	1		1		
Pharyngoconjunctival fever	6	5	5		
Group A streptococcal pharyngitis	53	84	77	64	0.25
Infectious gastroenteritis	173	291	262	315	1.23
Chickenpox	9	16	22	11	0.04
Hand, foot, and mouth disease	7	13	14	18	0.07
Erythema infectiosum	7	10	5	8	0.03
Exanthem subitum	58	70	76	85	0.33
Herpangina	1	3	2	6	0.02
Mumps	10	8	9	13	0.05
Kawasaki disease	4	2	5	2	0.01
Cold with exanths	5	20	12	11	0.04
Influenza			1		
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	1				
Bacterial meningitis	1	1	2	1	0.04
Aseptic meningitis			1	1	0.04
Mycoplasma pneumonia	2	3	1	1	0.04
Chlamydial pneumonia (excluding psittacosis)	1				
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations					

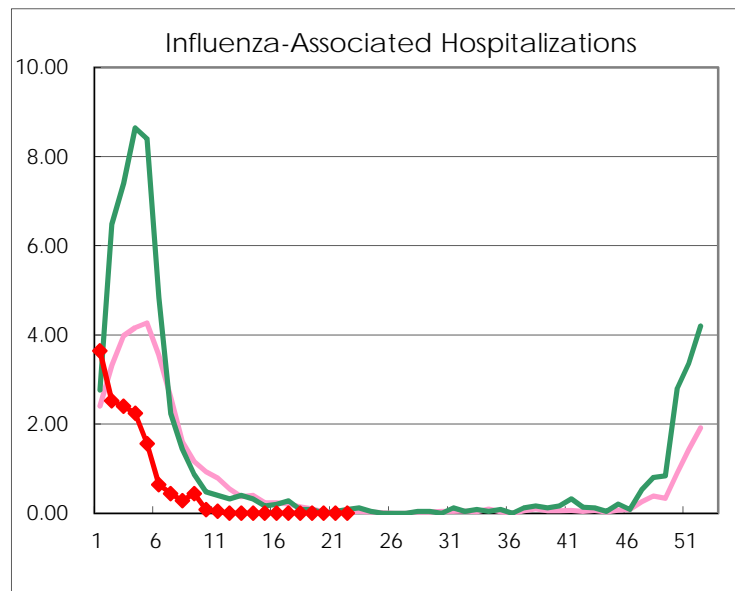
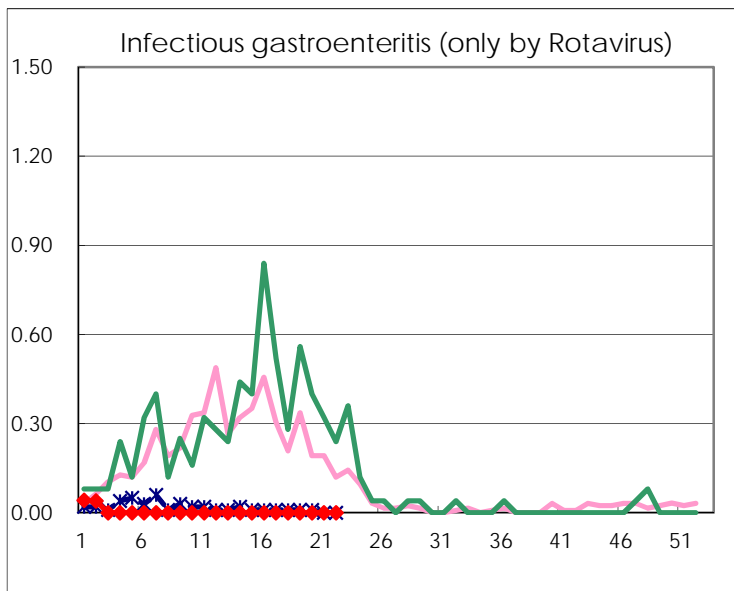
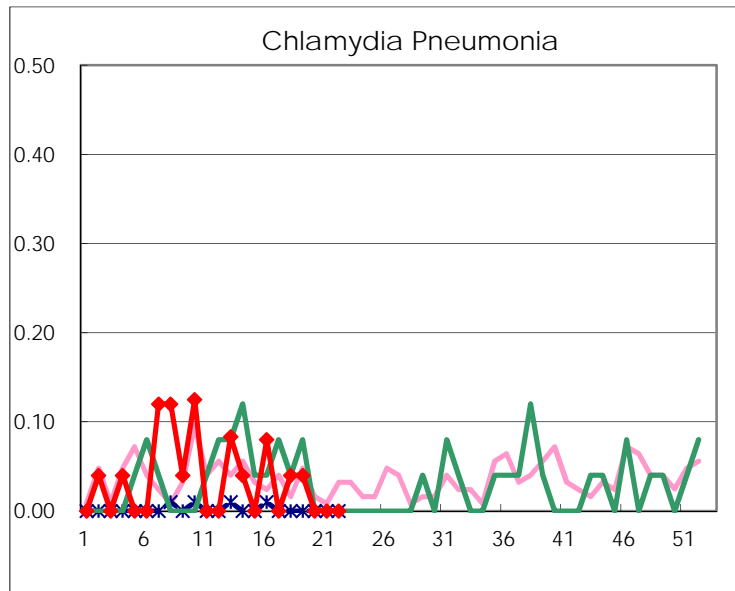
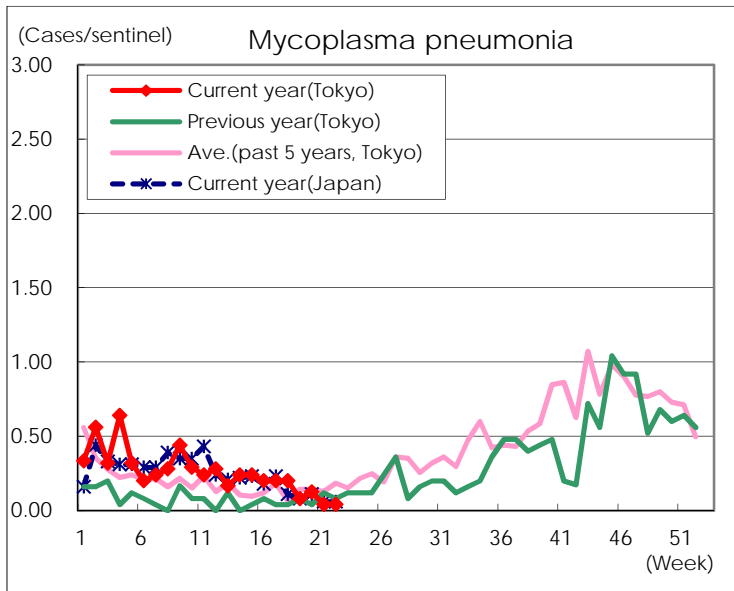
(Blank means 0.)

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	409
Ophthalmic	39	36
Specially-designated	25	24