

**16 April 2020 / Number 15**  
**( 4/6 ~ 4/12 )**

## 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	
		12th	13th	14th	15th	Cum 2020	15th	Cum 2020
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	46	46	36	33	700	207	4,734
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
※	Novel Coronavirus 2019 infection	47	282	647	1,160	2,249	3,044	7,378
III	Cholera							
	Shigellosis	1				8		38
	Enterohemorrhagic Escherichia coli infection		1	3	1	33	16	284
	Typhoid fever					1		12
	Paratyphoid fever					1		6
IV	Hepatitis E	2	5	6	5	51	7	172
	West Nile fever							
	Hepatitis A	1				14	1	45
	Echinococcosis							6
	Yellow fever							
	Psittacosis							3
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					1		1
	Monkeypox							
	Zika virus infection							1
	Severe Fever with Thrombocytopenia Syndrome							8
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							3
	Scrub typhus(Tsutsugamushi disease)					4	3	59
	Dengue fever			2		12	2	40
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						3	12
	Japanese encephalitis							1
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							1
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
Botulism								
Malaria						3	9	
Tularemia								
Lyme disease							1	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis		4		2	22	16	388	
Leptospirosis							1	
Rocky mountain spotted fever								

Category	Diseases	Tokyo					Japan	
		12th	13th	14th	15th	Cum 2020	15th	Cum 2020
V	Amebiasis	1	3	4	4	42	7	174
	Viral hepatitis(excluding hepatitis A and E)		3		2	17	2	70
	CRE infection	2	3		2	32	8	405
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)					1	1	8
	Acute encephalitis(excluding JE and WNE)					16		240
	Cryptosporidiosis							1
	Creutzfeldt-Jakob disease					3	1	35
	Severe invasive streptococcal infections(TSLS)	1	3	1	2	33	4	261
	Acquired immunodeficiency syndrome (AIDS)	1	11	1	5	91	10	262
	Giardiasis			1		3	1	12
	Invasive <i>Haemophilus influenzae</i> disease			1		14	1	122
	Invasive meningococcal disease					1		10
	Invasive pneumococcal disease	2	4	3	1	84	11	748
	Varicella (limited to hospitalized case)			1	1	20	2	111
	Congenital rubella syndrome							1
	Syphilis	17	26	15	11	363	47	1,473
	Disseminated cryptococcosis		3			4	2	33
	Tetanus					2	1	23
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection			1		4		37
Pertussis	5	6	8	6	179	33	2,141	
Rubella					20	2	75	
Measles					2	1	11	
MDRA infection							2	

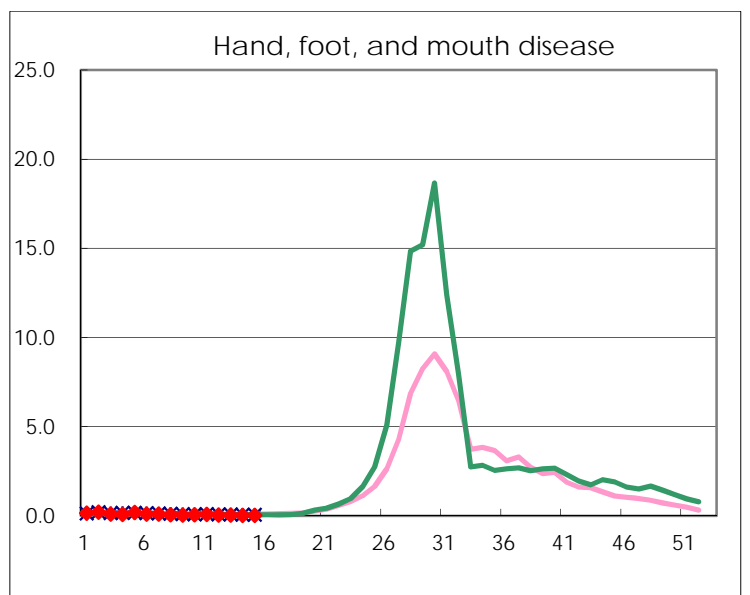
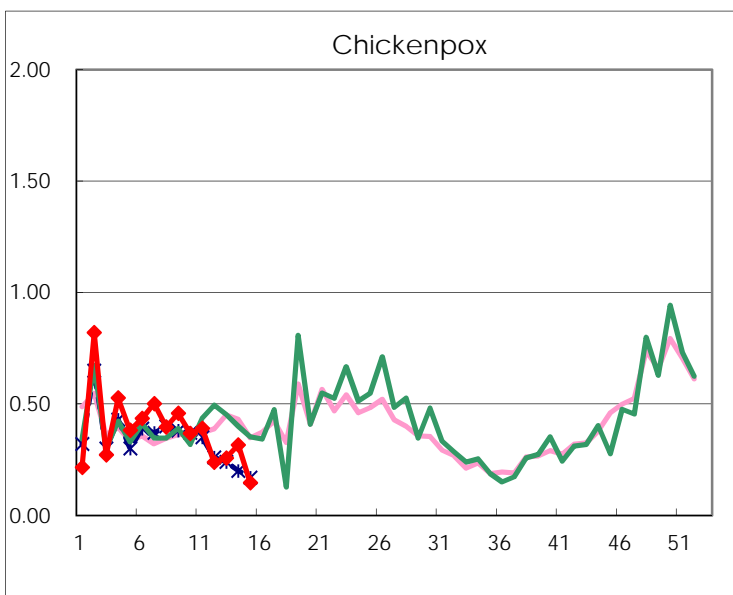
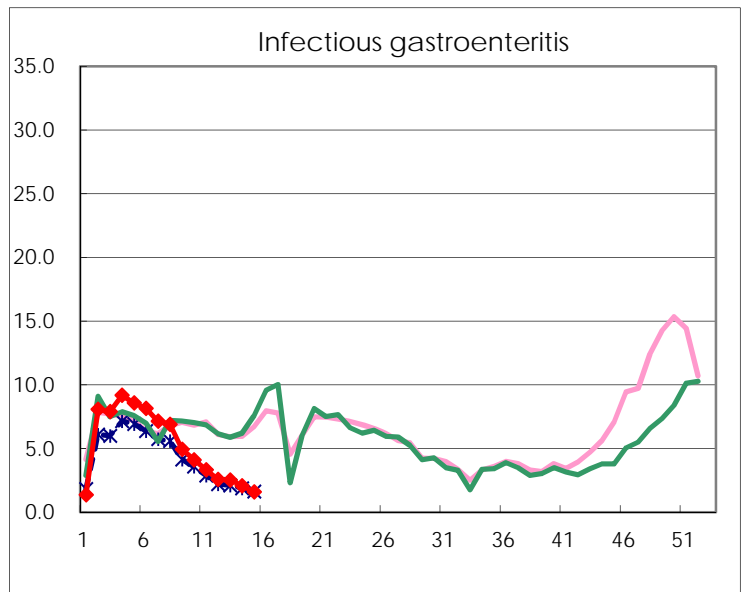
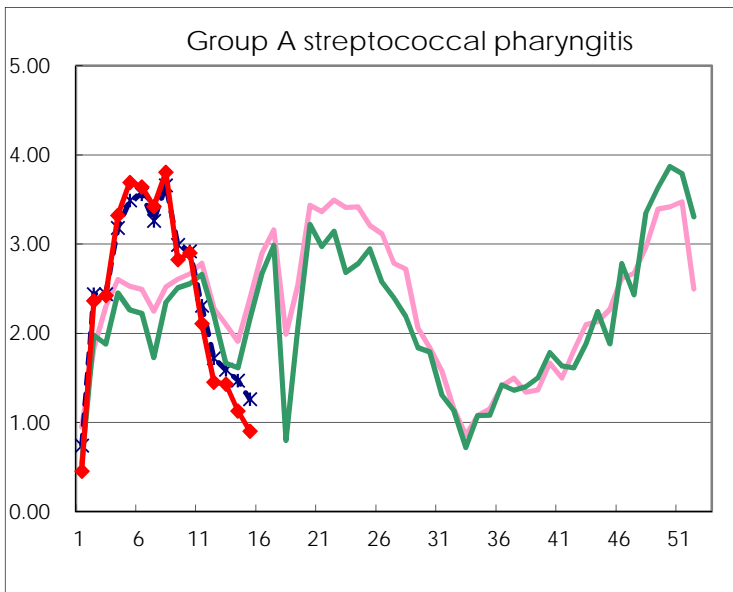
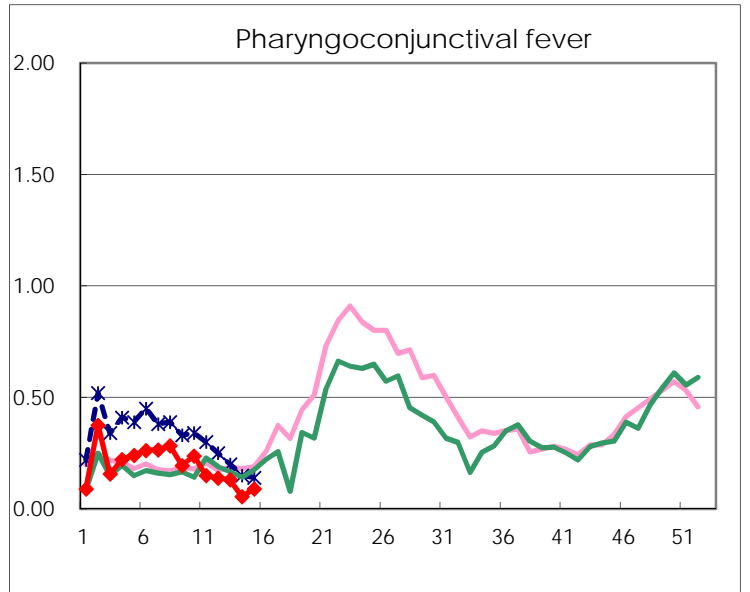
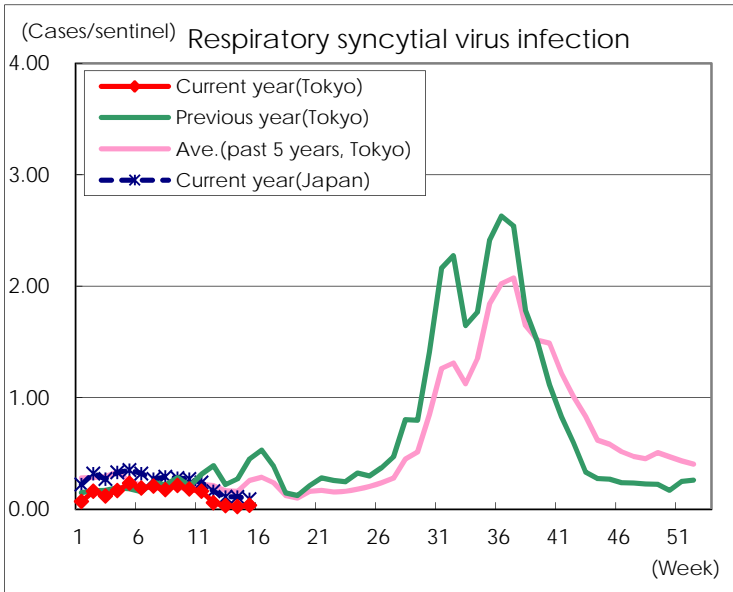
※ Designated infectious disease

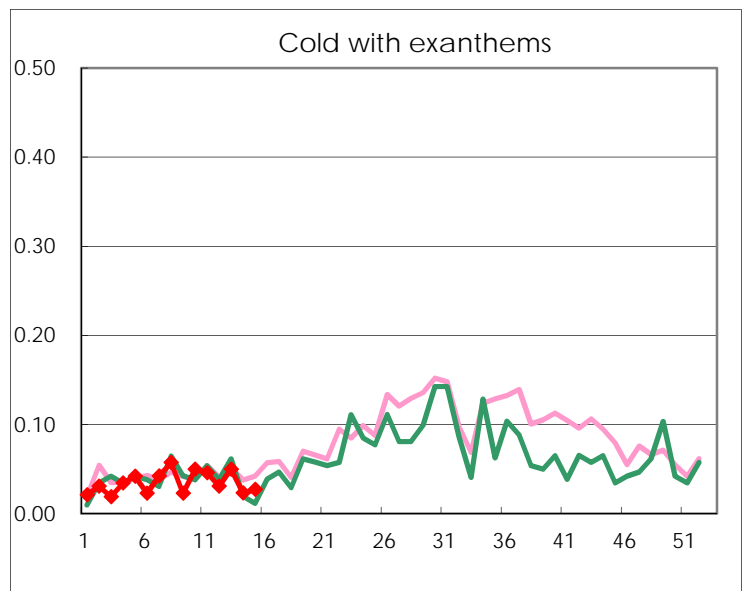
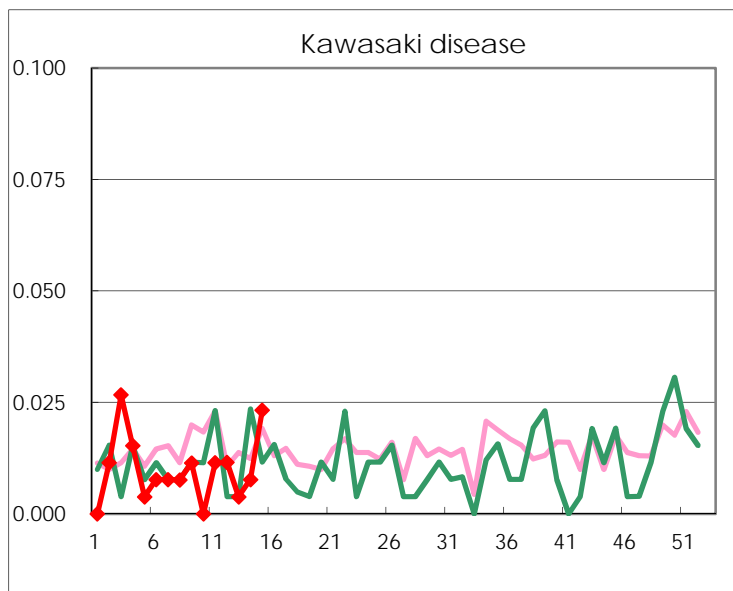
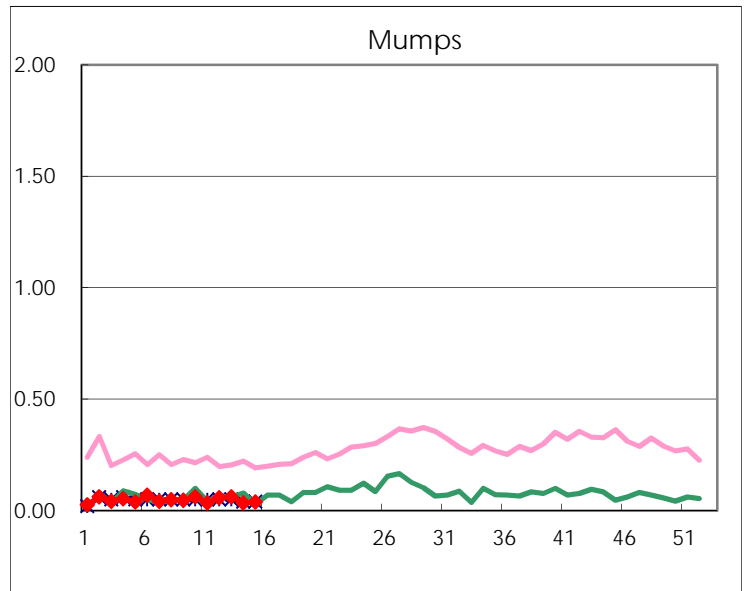
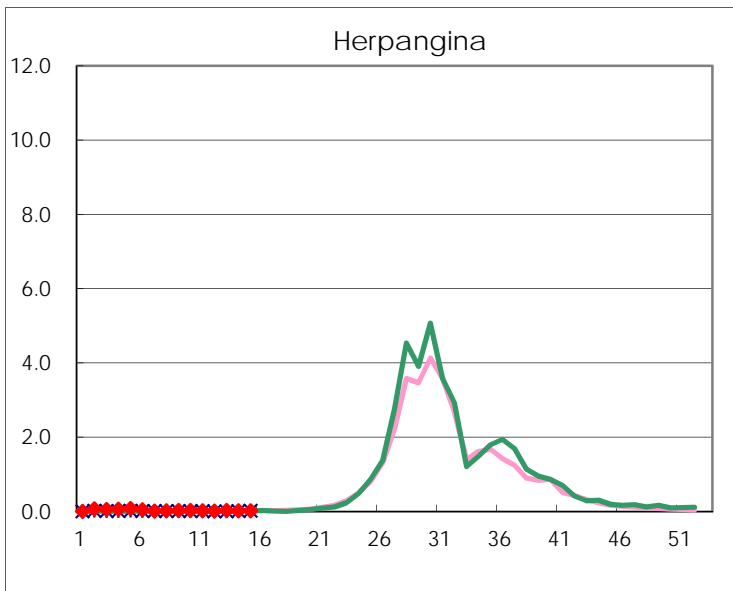
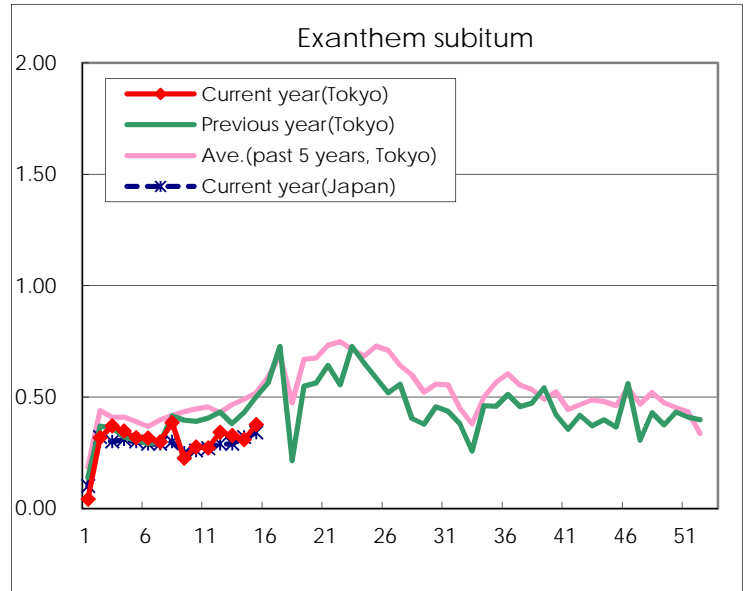
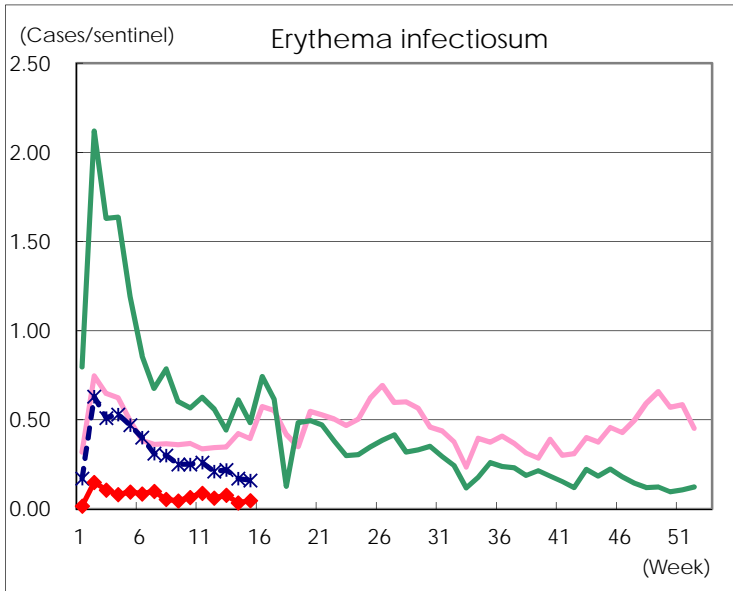
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

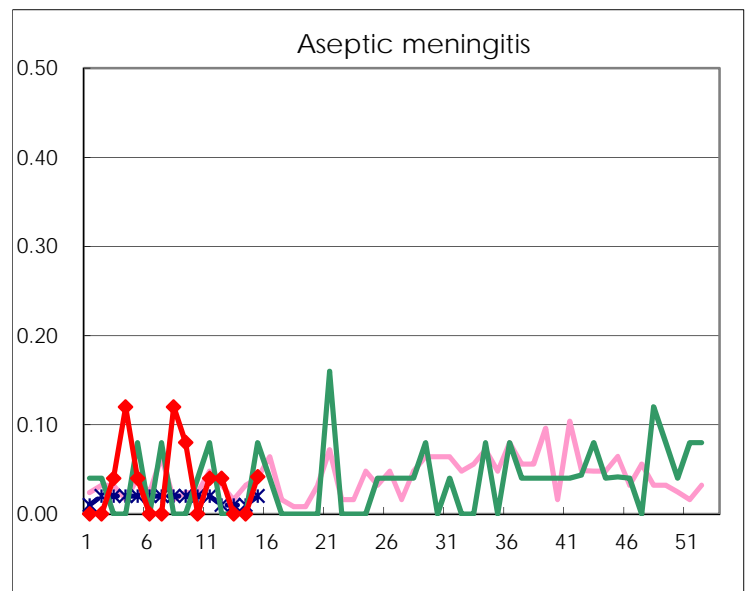
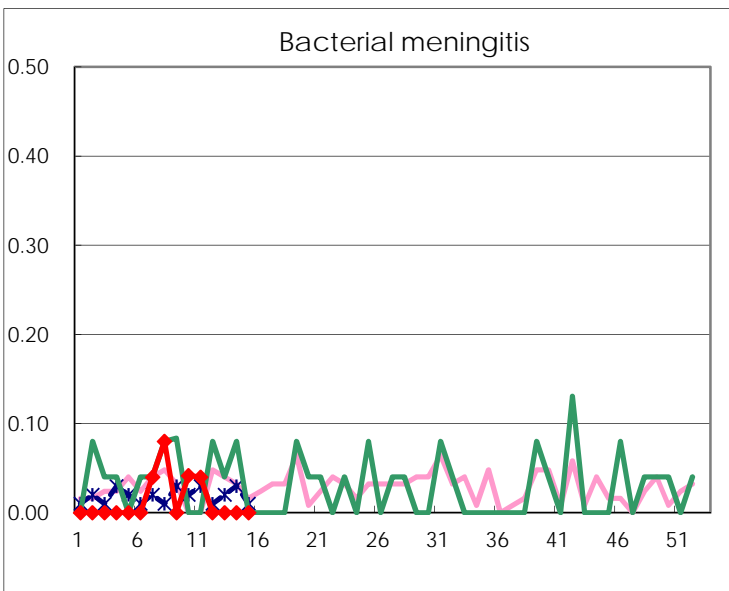
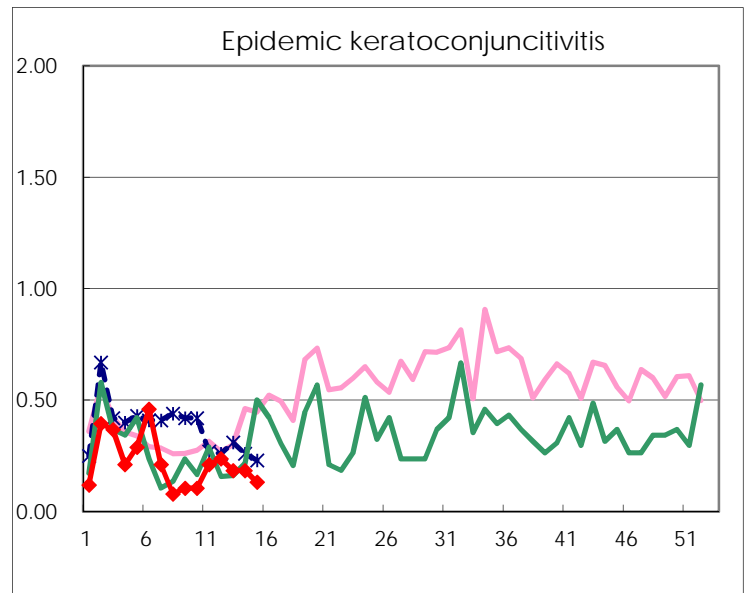
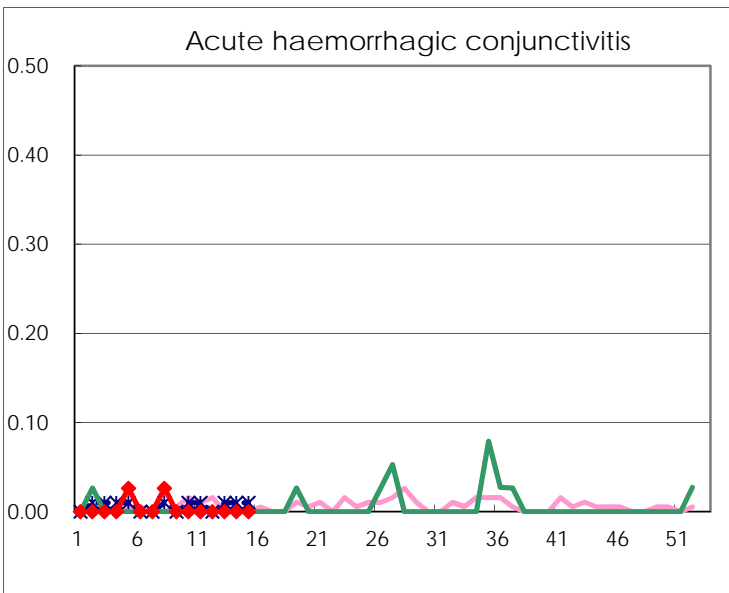
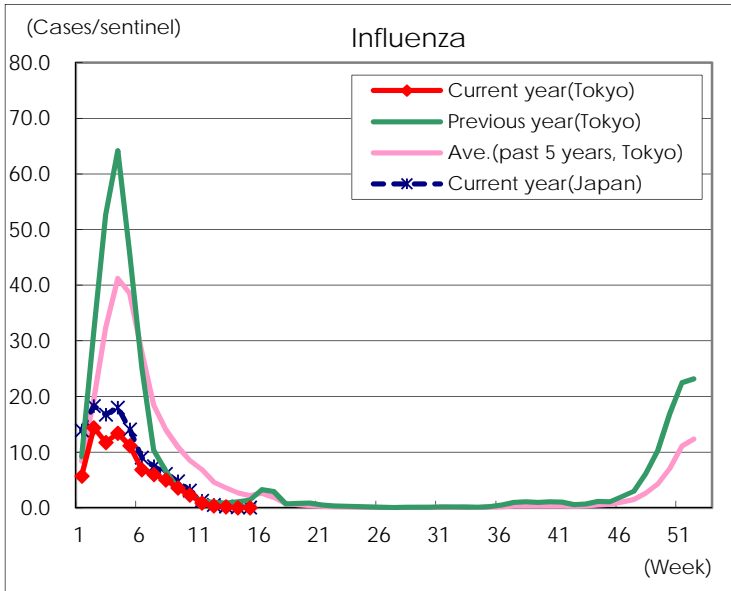
Diseases	Tokyo				
	12th	13th	14th	15th	/sentinel
Respiratory syncytial virus infection	15	8	6	9	0.03
Pharyngoconjunctival fever	36	34	14	23	0.09
Group A streptococcal pharyngitis	377	372	292	233	0.90
Infectious gastroenteritis	664	655	537	407	1.58
Chickenpox	62	67	82	38	0.15
Hand, foot, and mouth disease	8	10	7	7	0.03
Erythema infectiosum	16	20	9	12	0.05
Exanthem subitum	89	85	80	97	0.38
Herpangina	4	9	6	7	0.03
Mumps	15	16	9	10	0.04
Kawasaki disease	3	1	2	6	0.02
Cold with exanths	8	13	6	7	0.03
Influenza	144	73	13	14	0.03
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	9	7	7	5	0.13
Bacterial meningitis					
Aseptic meningitis	1			1	0.04
Mycoplasma pneumonia	7	4	6	6	0.25
Chlamydial pneumonia (excluding psittacosis)		2	1		
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations					

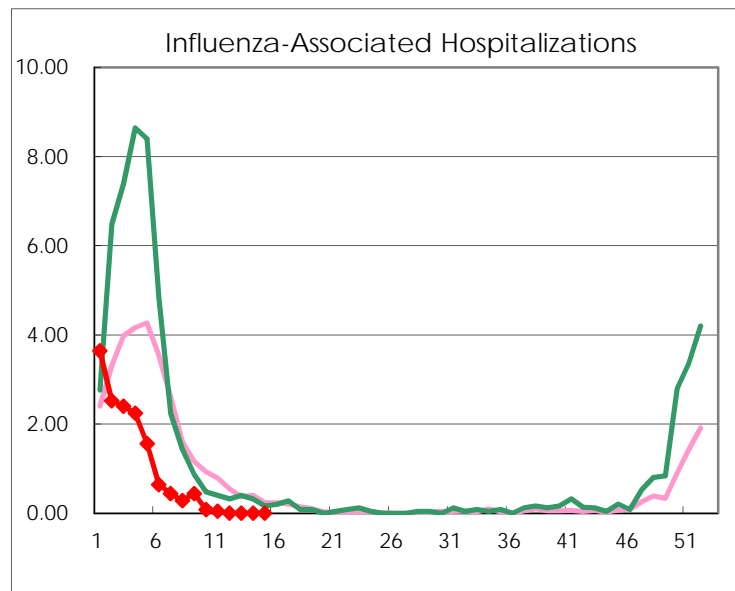
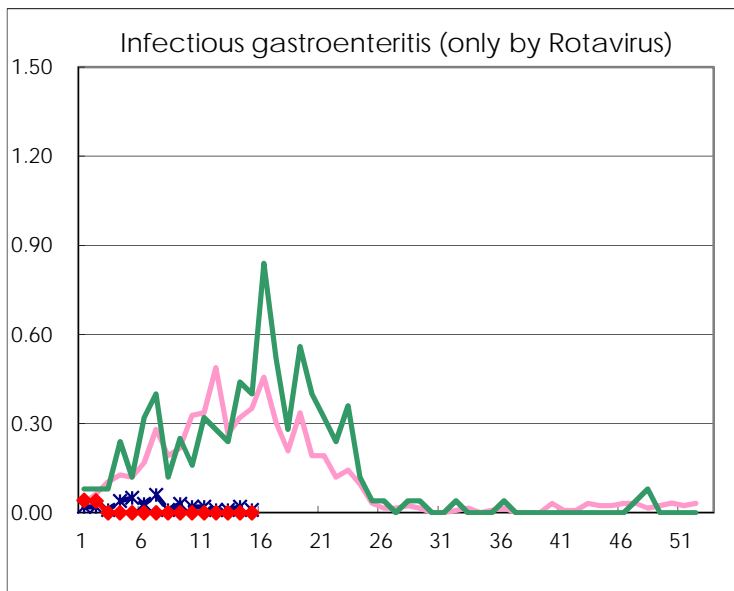
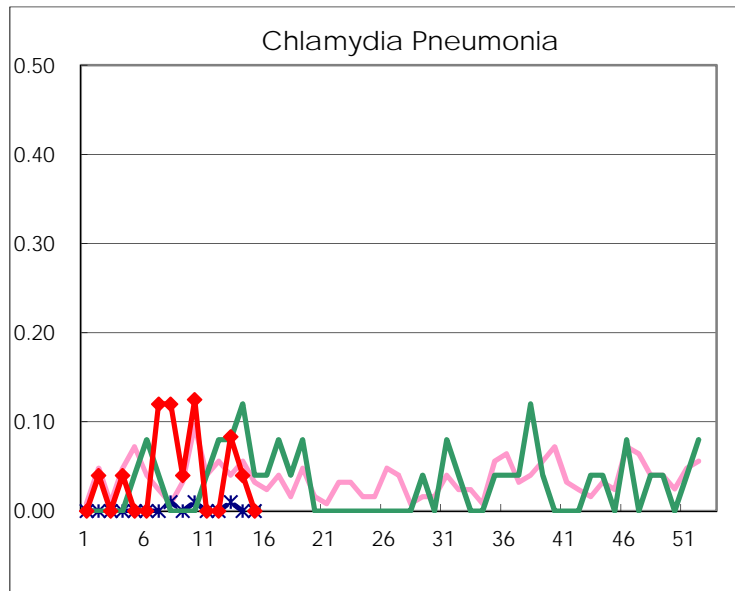
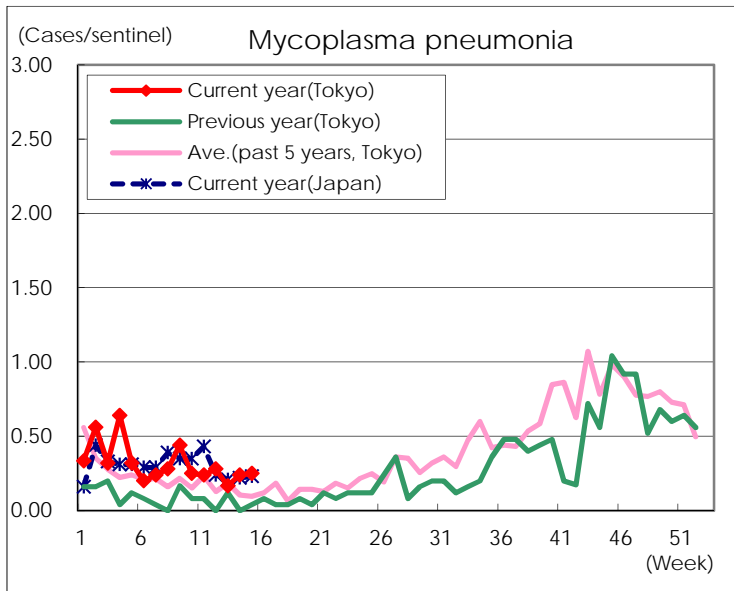
( Blank means 0. )

# 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	258
Influenza	419	407
Ophthalmic	39	38
Specially-designated	25	24