

26 March 2020 / Number 12

(3/16 ~ 3/22)

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	
		9th	10th	11th	12th	Cum 2020	12th	Cum 2020
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	49	55	45	42	578	201	3,773
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
※	Novel Coronavirus 2019 infection	12	25	26	47	160	264	1,685
III	Cholera							
	Shigellosis				1	8	5	36
	Enterohemorrhagic Escherichia coli infection	5	5	1		28	5	225
	Typhoid fever					1		9
	Paratyphoid fever					1	3	6
IV	Hepatitis E	8	4		2	35	10	134
	West Nile fever							
	Hepatitis A				1	14	1	40
	Echinococcosis							5
	Yellow fever							
	Psittacosis							3
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					1		1
	Monkeypox							
	Zika virus infection							
	Severe Fever with Thrombocytopenia Syndrome						1	6
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							3
	Scrub typhus(Tsutsugamushi disease)					4		56
	Dengue fever	1	1	2		10		34
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever							7
	Japanese encephalitis							1
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							1
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism							
	Malaria					3	1	8
	Tularemia							
	Lyme disease							1
	Lyssavirus infection(excluding rabies)							
	Rift valley fever							
Melioidosis								
Legionellosis	4	1			16	17	325	
Leptospirosis							1	
Rocky mountain spotted fever								

Category	Diseases	Tokyo					Japan	
		9th	10th	11th	12th	Cum 2020	12th	Cum 2020
V	Amebiasis	1	4	2	1	31	7	133
	Viral hepatitis(excluding hepatitis A and E)	3	1	2		12	2	54
	CRE infection	4	1	3	1	26	17	339
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)					1	1	6
	Acute encephalitis(excluding JE and WNE)		3			16	3	223
	Cryptosporidiosis							1
	Creutzfeldt-Jakob disease		1			3	3	30
	Severe invasive streptococcal infections(TSLS)	2	5		1	27	6	220
	Acquired immunodeficiency syndrome (AIDS)	2	15	5	1	74	5	202
	Giardiasis		1			2		9
	Invasive <i>Haemophilus influenzae</i> disease		2	1		13	2	113
	Invasive meningococcal disease					1		10
	Invasive pneumococcal disease	2	13	4	2	76	23	668
	Varicella (limited to hospitalized case)	1		3		17	3	99
	Congenital rubella syndrome							1
	Syphilis	30	27	25	14	308	45	1,186
	Disseminated cryptococcosis					1		23
	Tetanus			1		2	1	19
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection			2		3	1	31
Pertussis	10	12	10	5	159	75	1,850	
Rubella	1	3	2		20	4	73	
Measles	1				2		9	
MDRA infection							2	

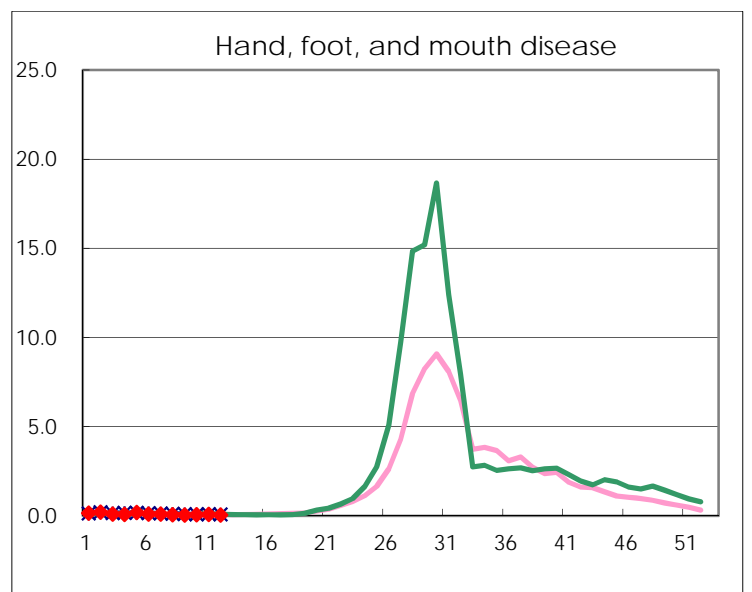
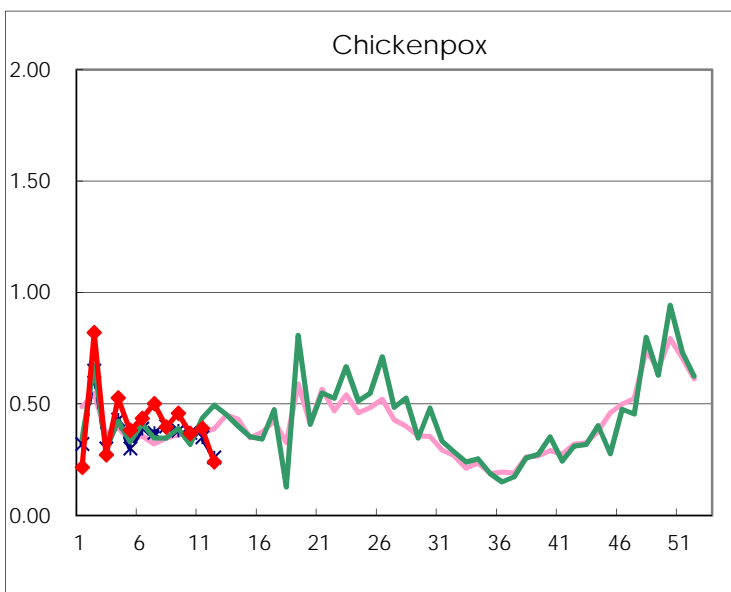
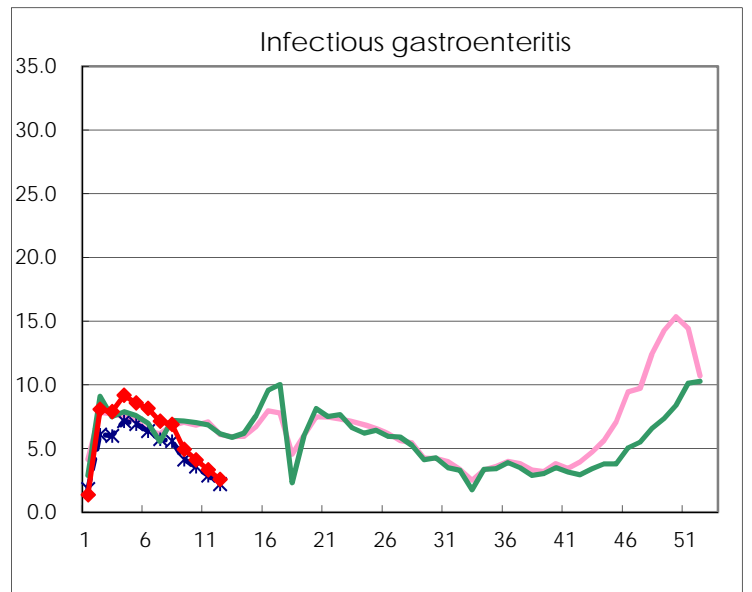
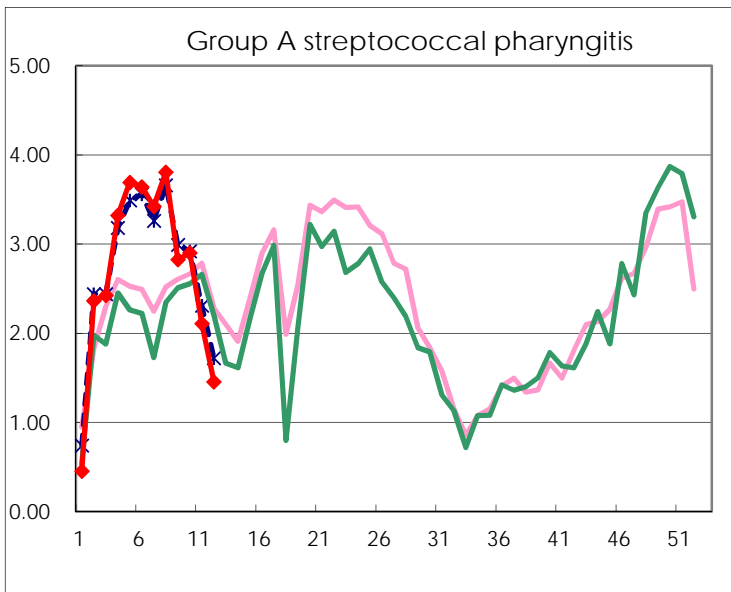
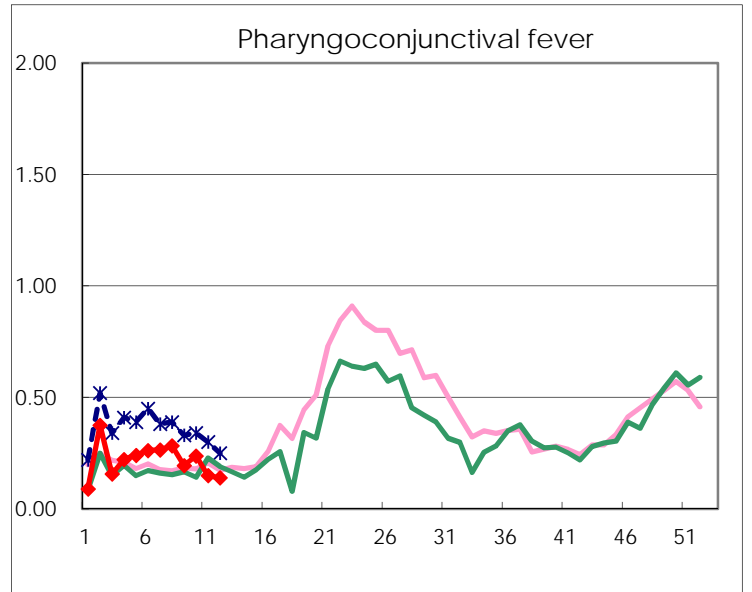
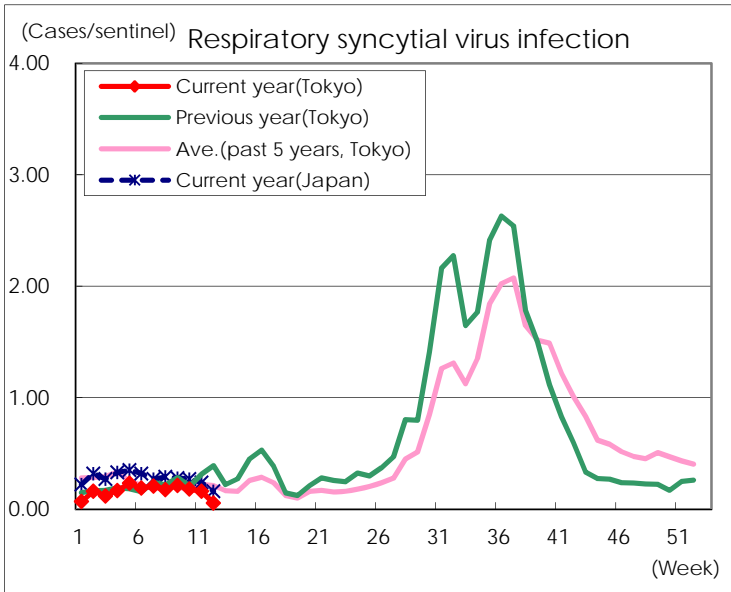
※ Designated infectious disease

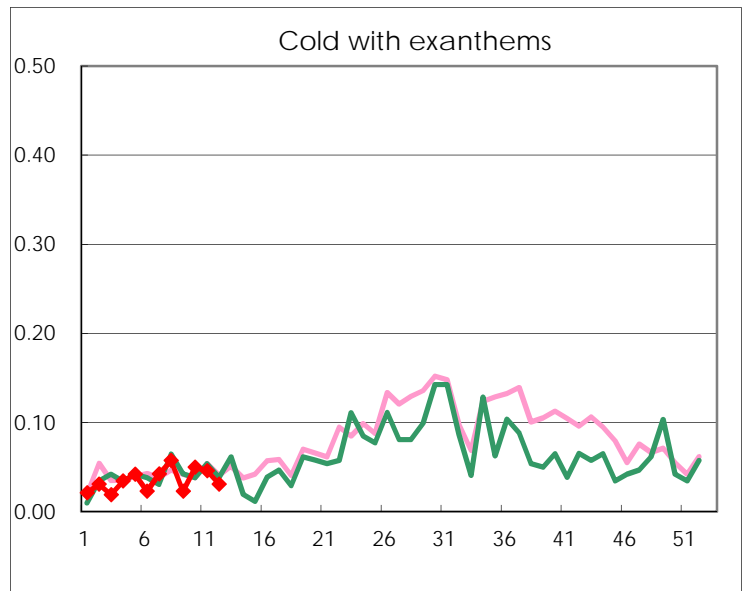
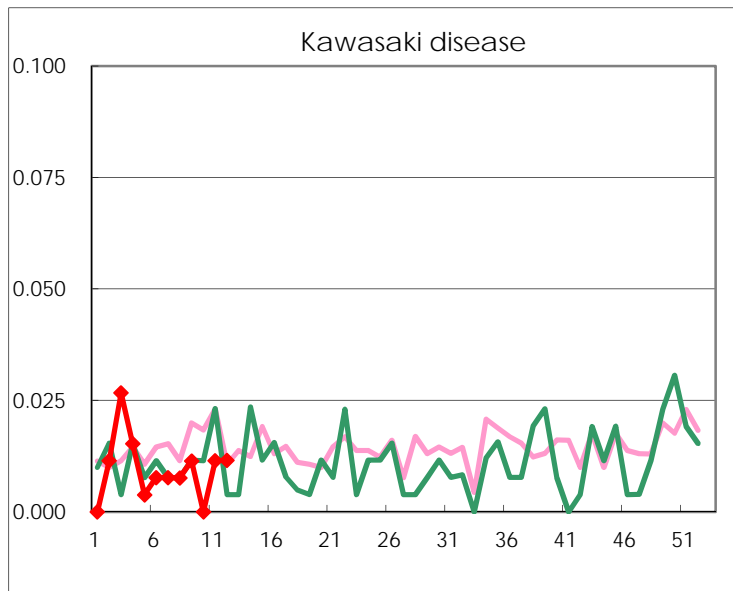
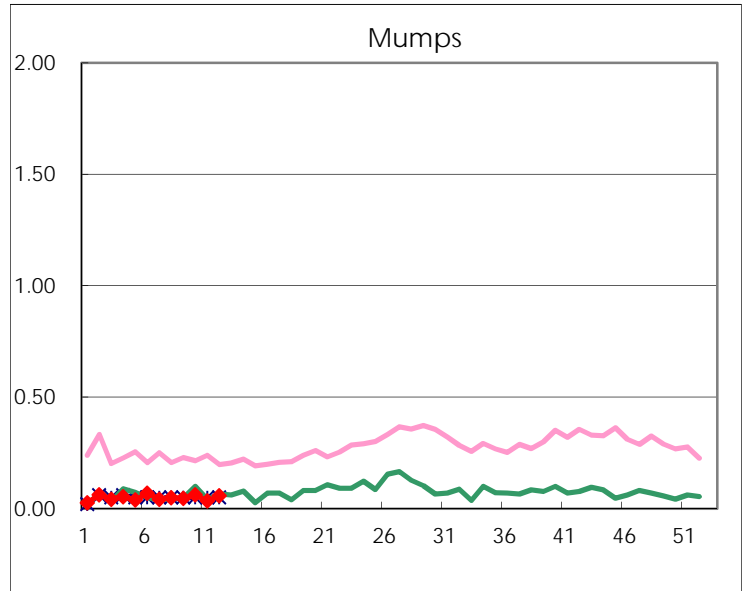
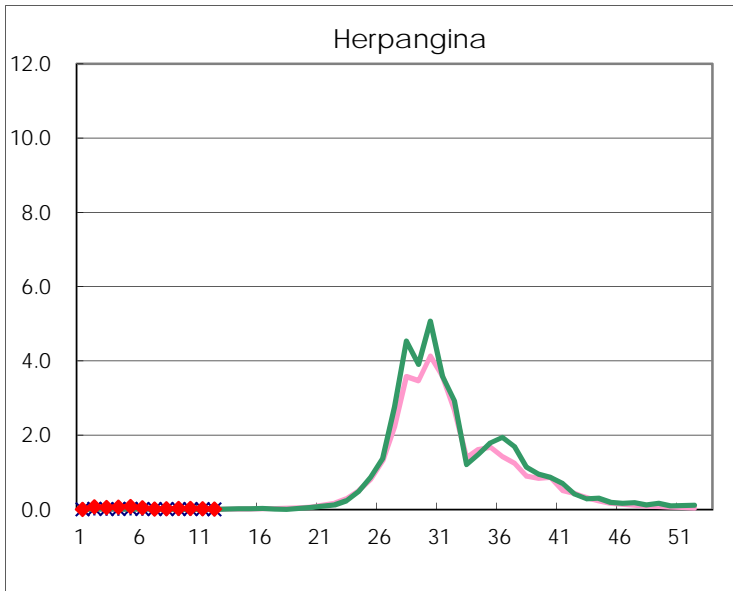
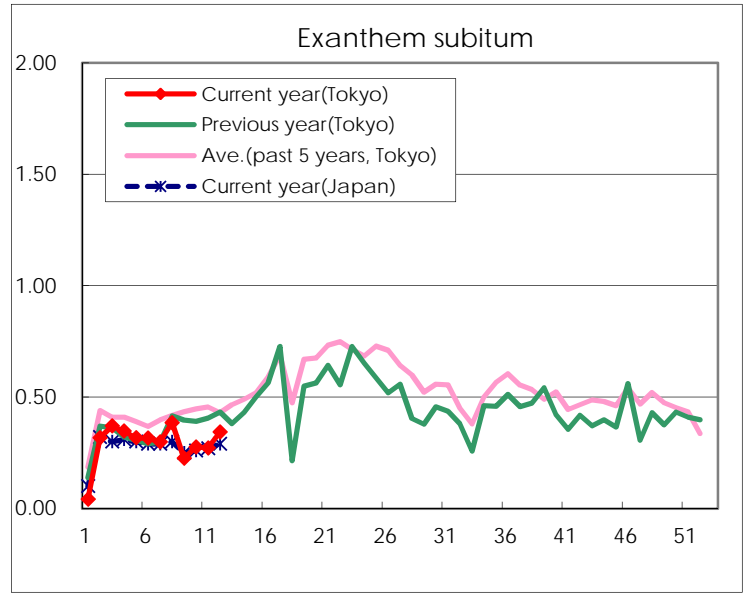
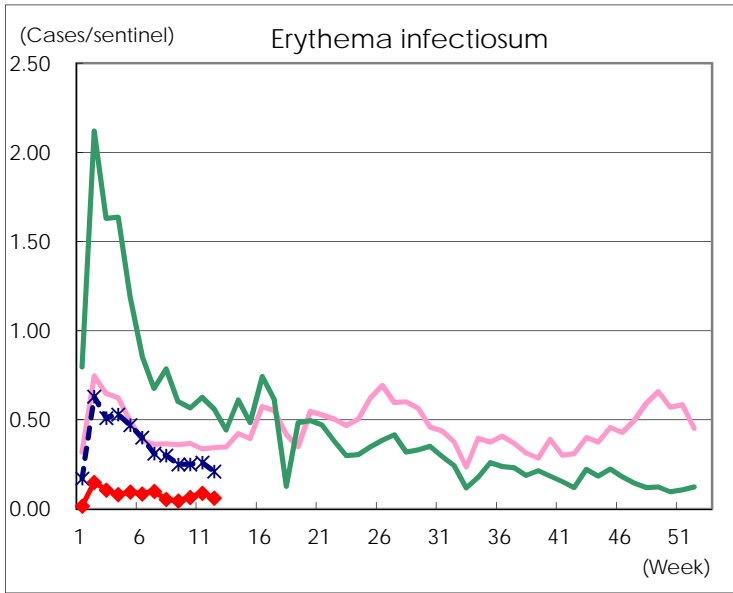
Number of patients with the diseases to be reported
by the designated clinics and hospitals

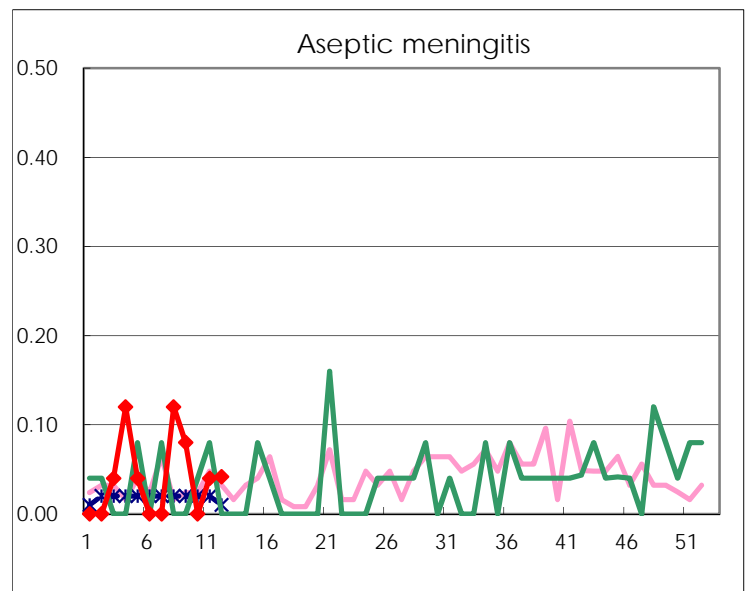
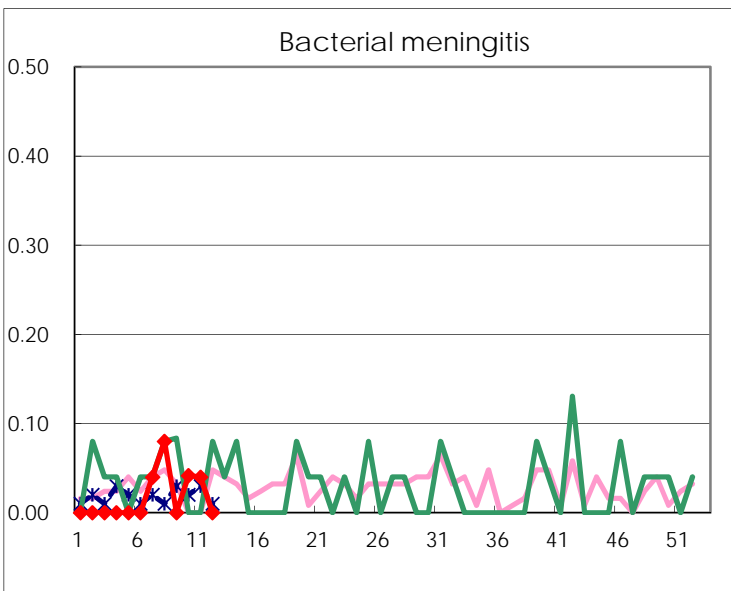
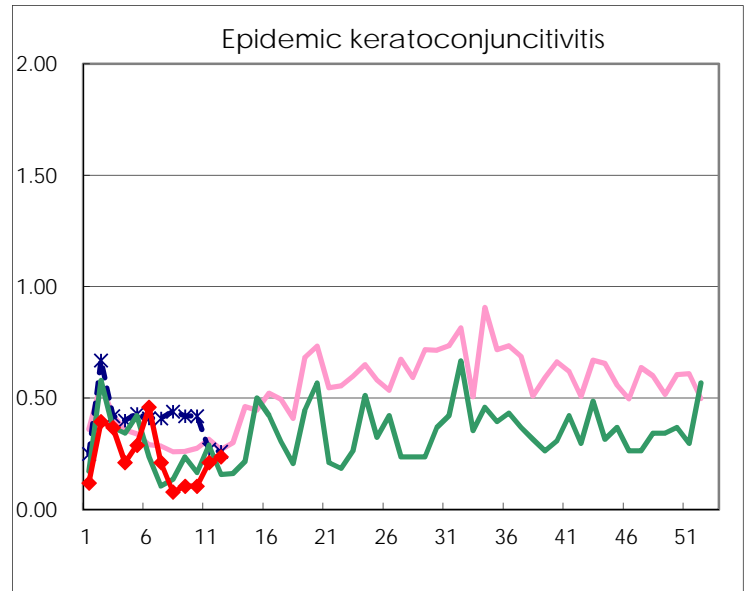
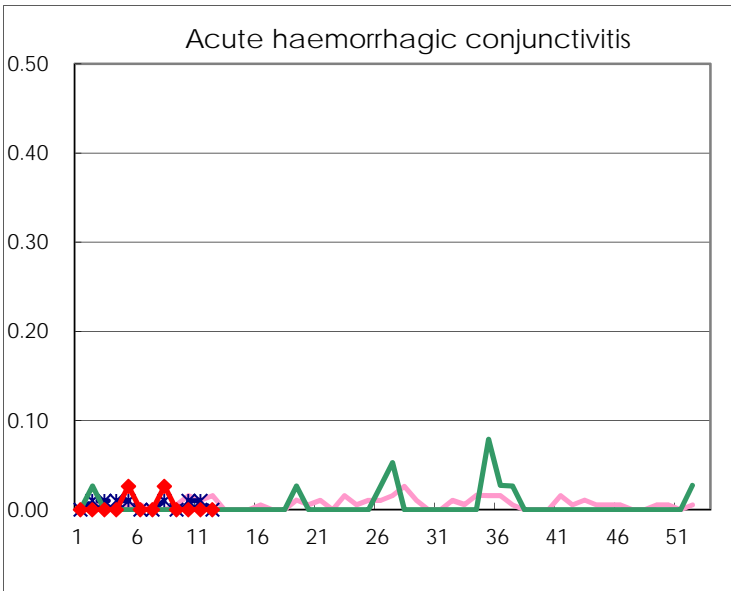
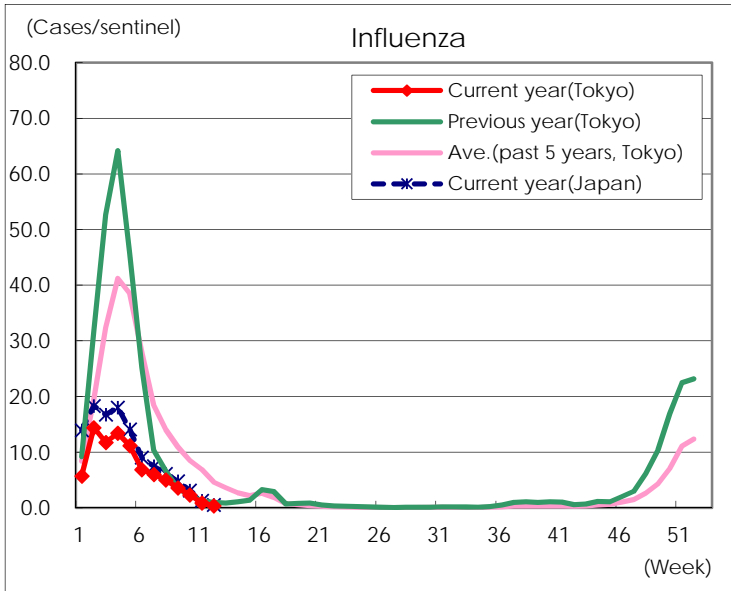
Diseases	Tokyo				
	9th	10th	11th	12th	/sentinel
Respiratory syncytial virus infection	56	47	42	14	0.05
Pharyngoconjunctival fever	51	62	39	36	0.14
Group A streptococcal pharyngitis	740	757	550	377	1.46
Infectious gastroenteritis	1,294	1,070	867	664	2.56
Chickenpox	120	96	102	62	0.24
Hand, foot, and mouth disease	12	14	20	8	0.03
Erythema infectiosum	12	17	23	16	0.06
Exanthem subitum	59	72	71	89	0.34
Herpangina	9	9	6	4	0.02
Mumps	12	16	9	15	0.06
Kawasaki disease	3		3	3	0.01
Cold with exanths	6	13	12	8	0.03
Influenza	1,490	968	372	144	0.35
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	4	4	8	9	0.24
Bacterial meningitis		1	1		
Aseptic meningitis	2		1	1	0.04
Mycoplasma pneumonia	11	6	6	7	0.29
Chlamydial pneumonia (excluding psittacosis)	1	3			
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations	11	2	1		

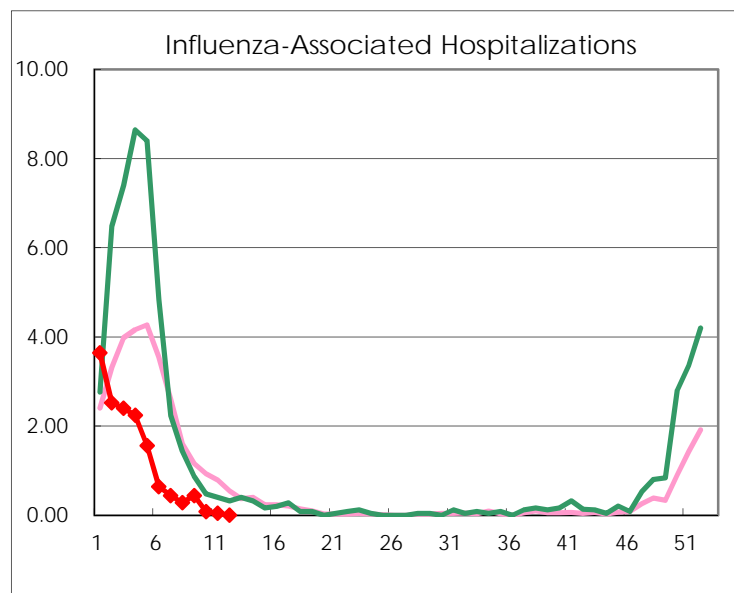
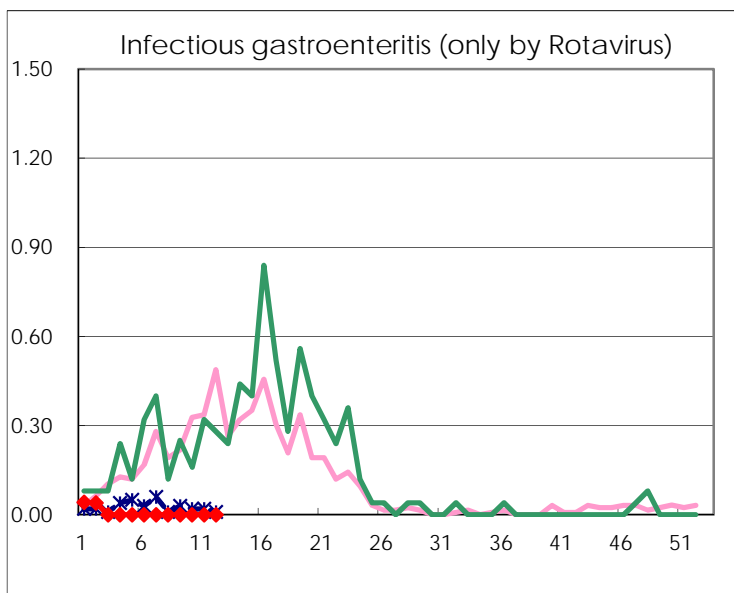
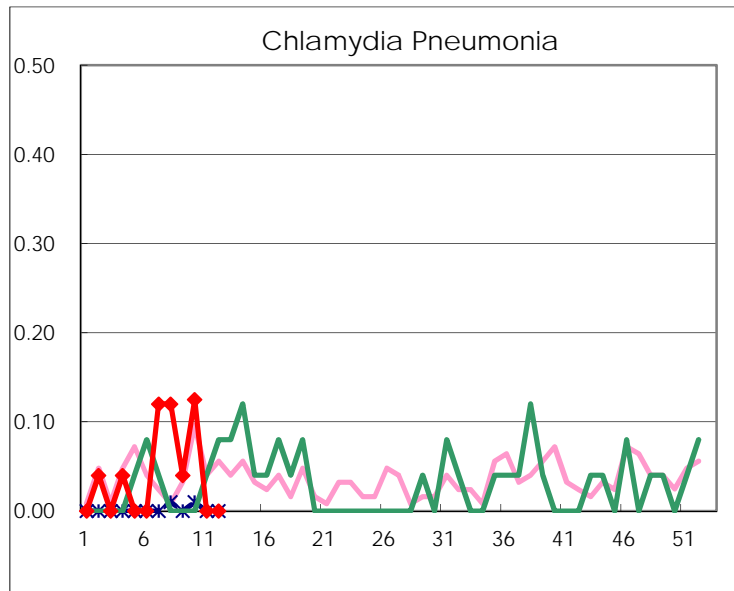
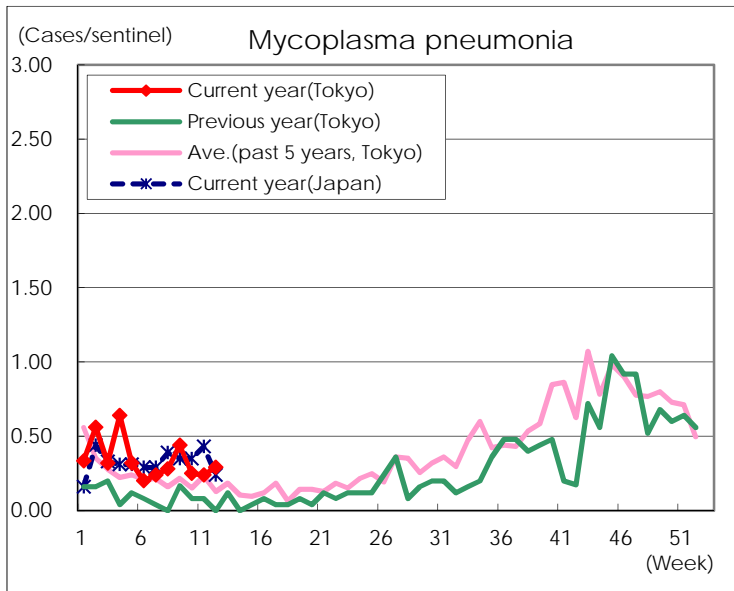
(Blank means 0.)

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	259
Influenza	419	411
Ophthalmic	39	38
Specially-designated	25	24