

26 January 2017 / Number 3

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		
		52nd	1st	2nd	3rd	Cum 2017	3rd	Cum 2017
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	55	35	63	52	150	305	927
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
III	Avian influenza H5N1							
	Avian influenza H7N9							
	Cholera							
	Shigellosis		2	1		3	6	12
	Enterohemorrhagic Escherichia coli infection	2		2	3	5	19	37
IV	Typhoid fever	1						
	Paratyphoid fever							
	Hepatitis E	1	2			2	1	13
	West Nile fever							
	Hepatitis A	1			3	3	4	6
	Echinococcosis						1	1
	Yellow fever							
	Psittacosis							
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Zika virus infection						1	1
	Severe Fever with Thrombocytopenia Syndrome							
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever						1	1
	Scrub typhus(Tsutsugamushi disease)			1		1	9	21
	Dengue fever		1	2	2	5	9	17
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever							1
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
Brucellosis							1	
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	3	3	3	9	17	59	
Leptospirosis								
Rocky mountain spotted fever								

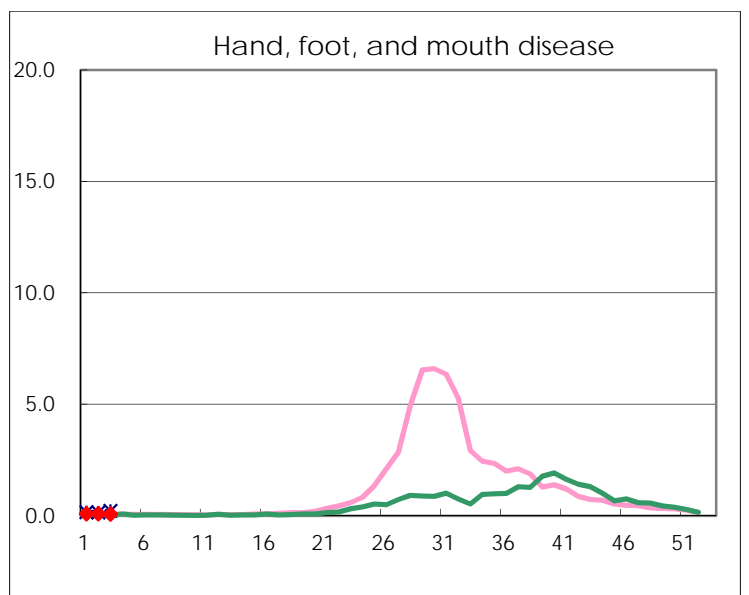
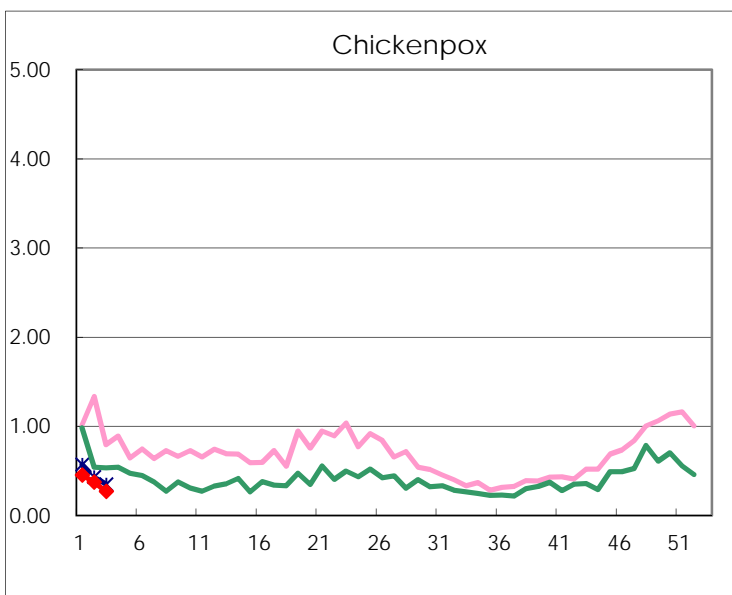
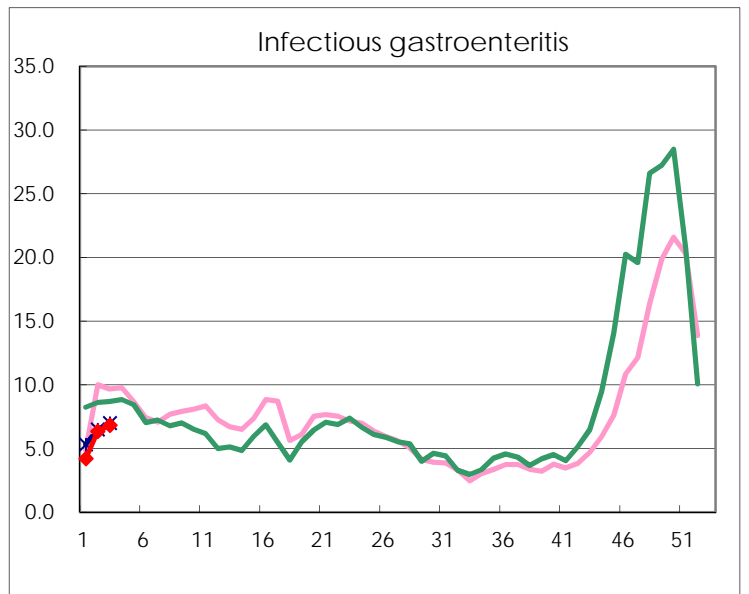
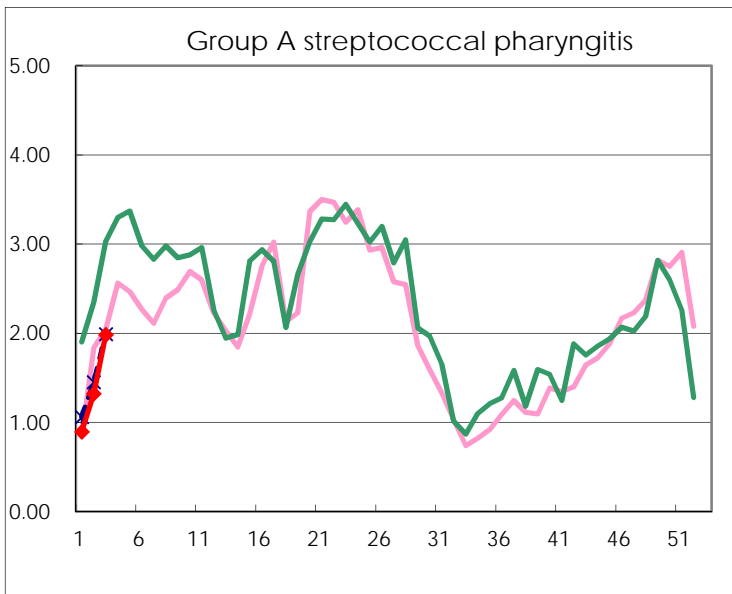
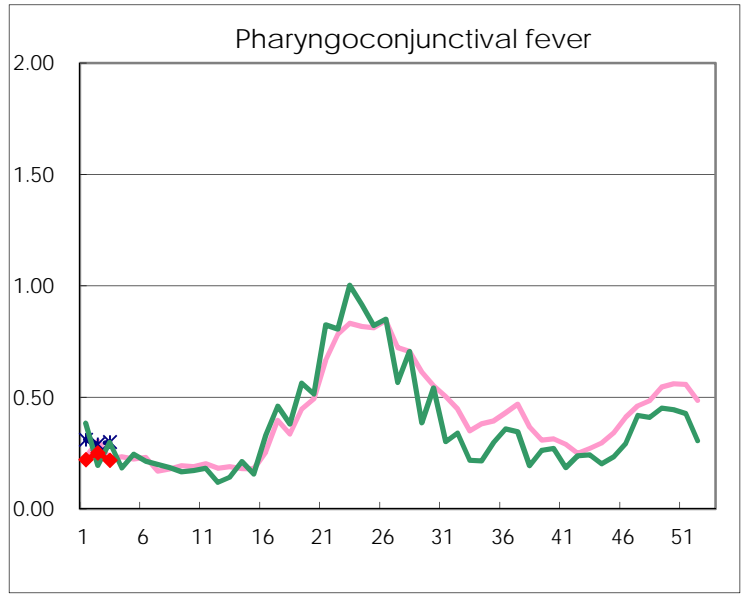
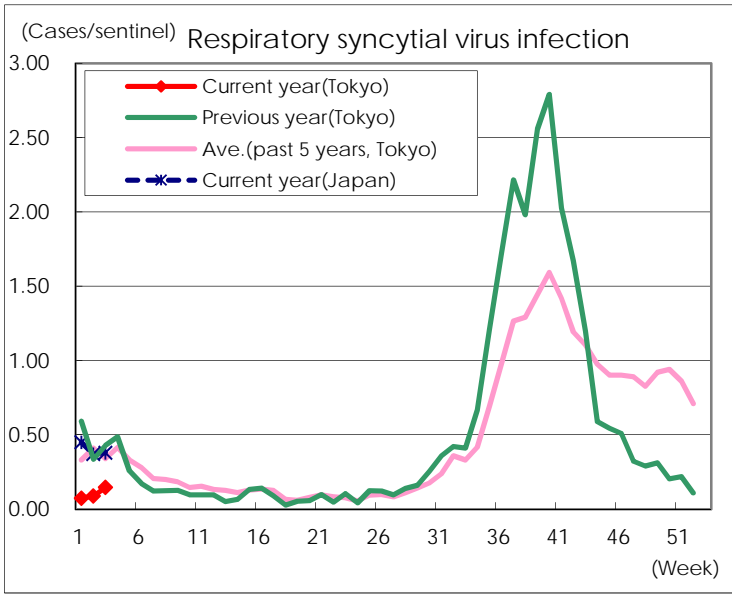
Category	Diseases	Tokyo				Japan		
		52nd	1st	2nd	3rd	Cum 2017	3rd	Cum 2017
V	Amebiasis	2		4	8	12	15	54
	Viral hepatitis(excluding hepatitis A and E)	1		1	1	2	4	12
	CRE infection	4	4	3	3	10	28	66
	Acute encephalitis(excluding JE and WNE)			3	2	5	9	34
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease						4	8
	Severe invasive streptococcal infections(TSLS)	2	3	1	1	5	8	26
	Acquired immunodeficiency syndrome (AIDS)	5	7	10	8	25	15	53
	Giardiasis	1			1	1		2
	Invasive <i>Haemophilus influenzae</i> disease			3	2	5	7	31
	Invasive meningococcal disease							
	Invasive pneumococcal disease	10	8	9	10	27	58	223
	Varicella (limited to hospitalized case)	2	2			2	4	12
	Congenital rubella syndrome							
	Syphilis	18	15	24	22	61	63	181
	Disseminated cryptococcosis	2	2		1	3	3	7
	Tetanus						1	3
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection		1			1	2	5
	Rubella						2	4
Measles				2	2	5	8	
MDRA infection						1	1	

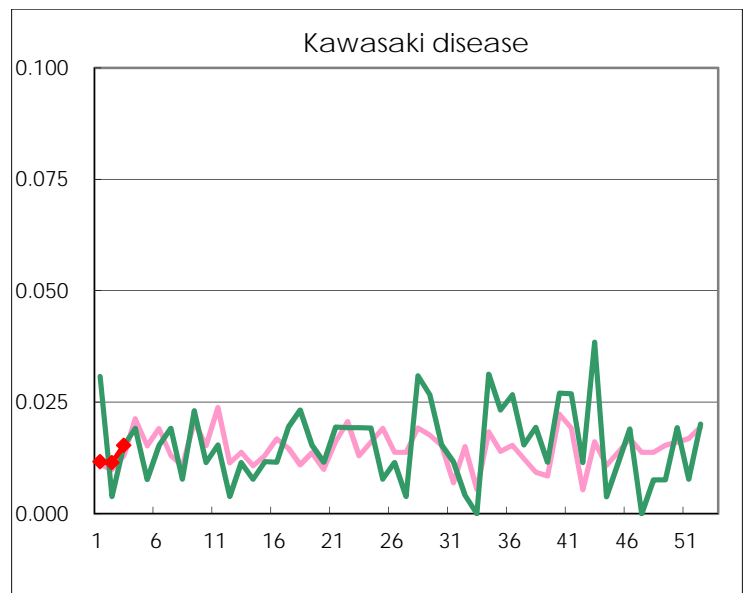
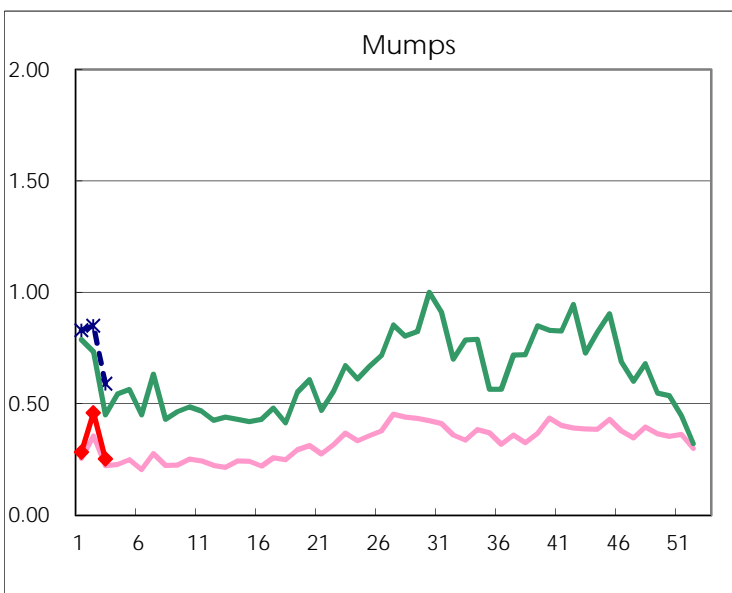
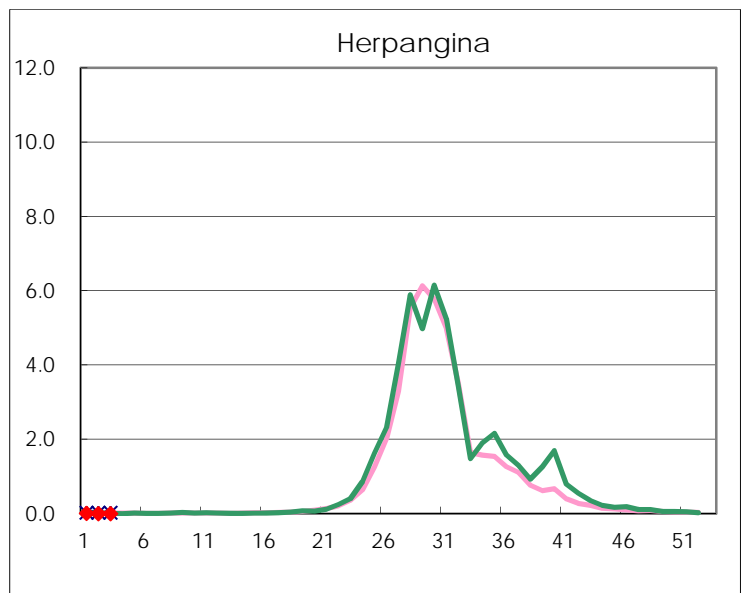
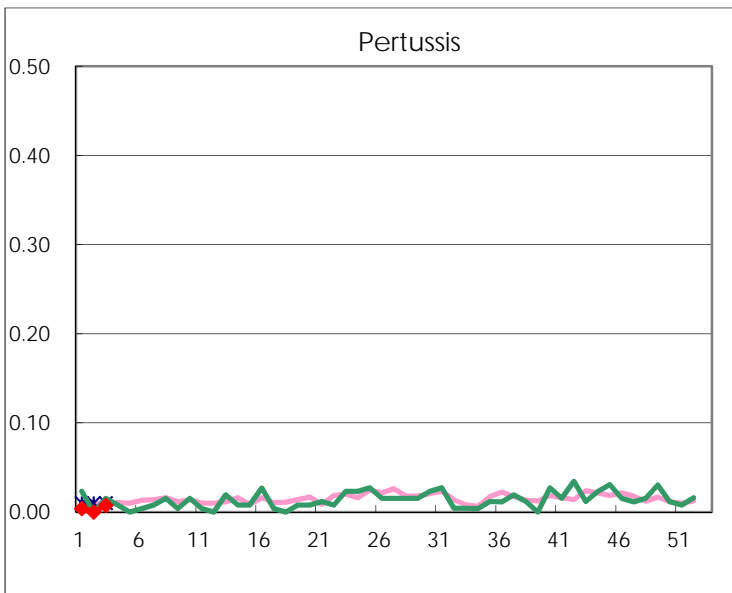
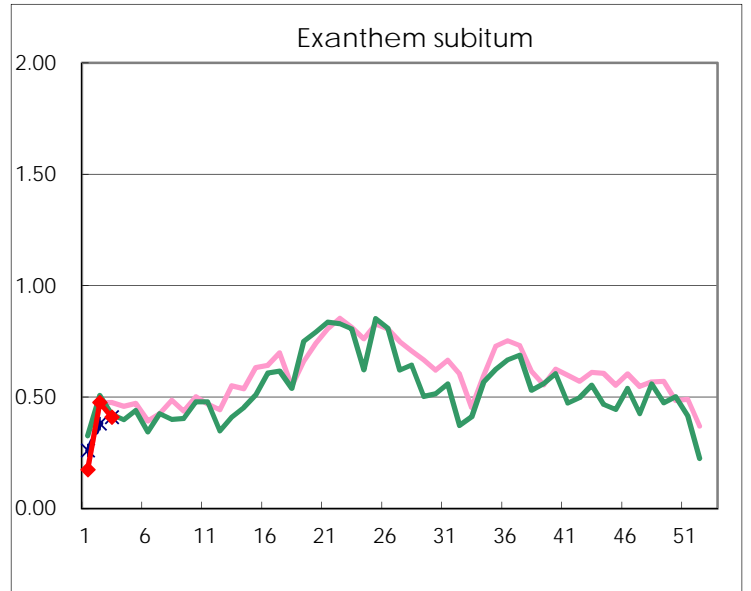
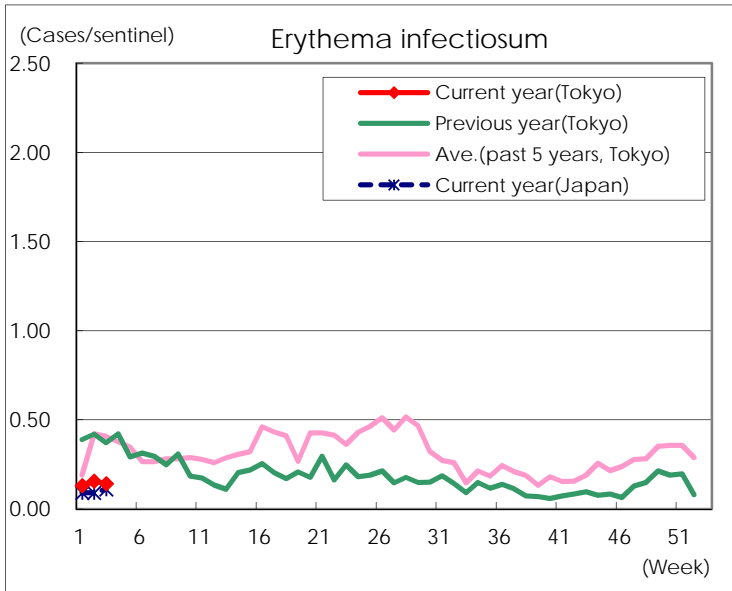
Number of patients with the diseases to be reported
by the designated clinics and hospitals

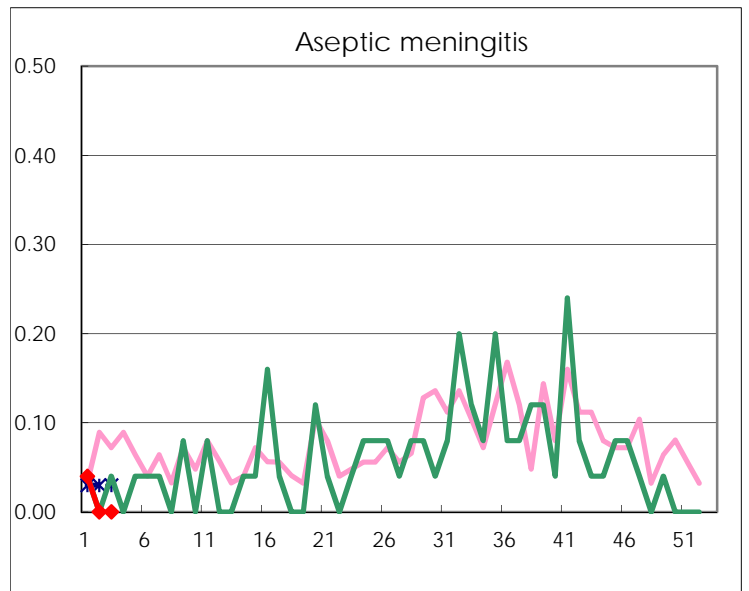
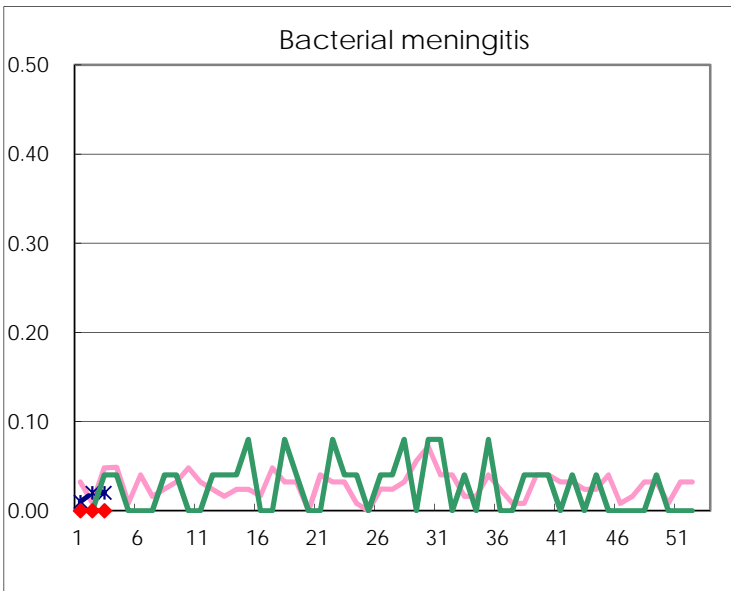
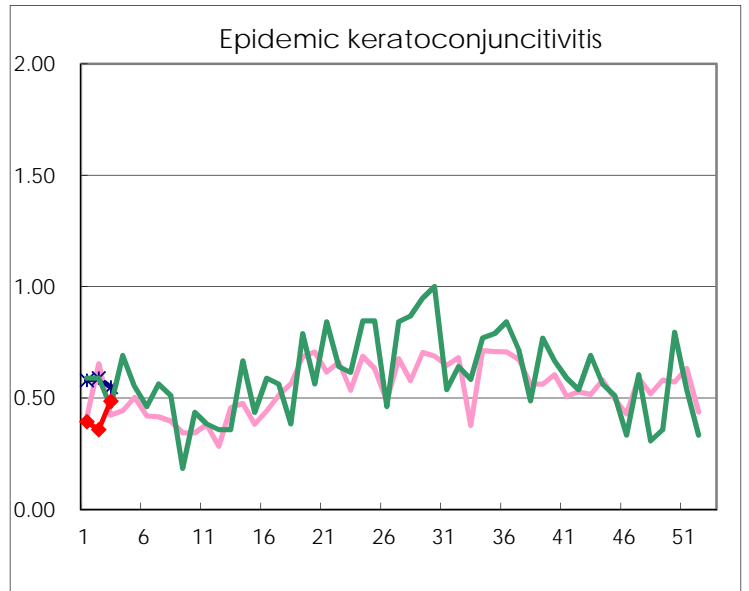
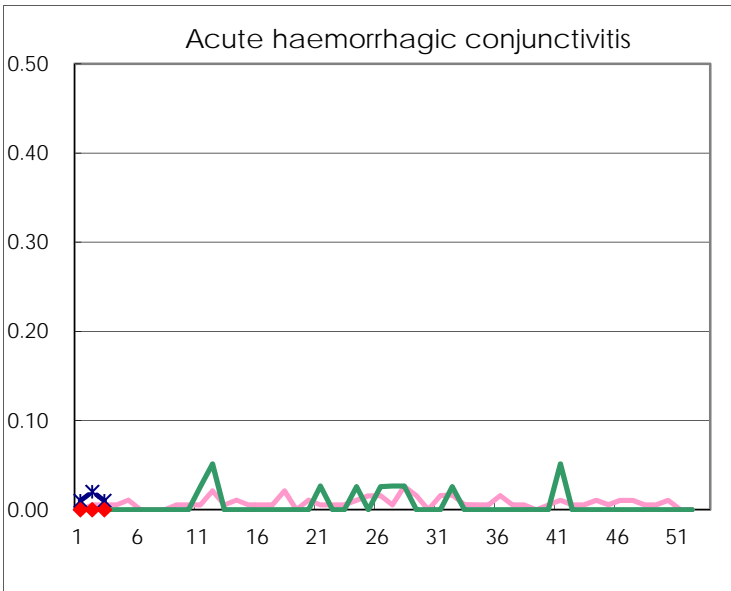
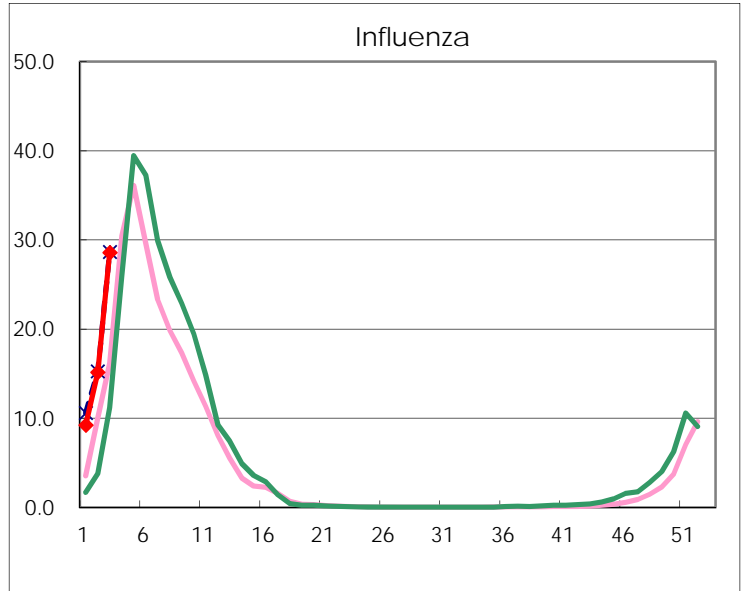
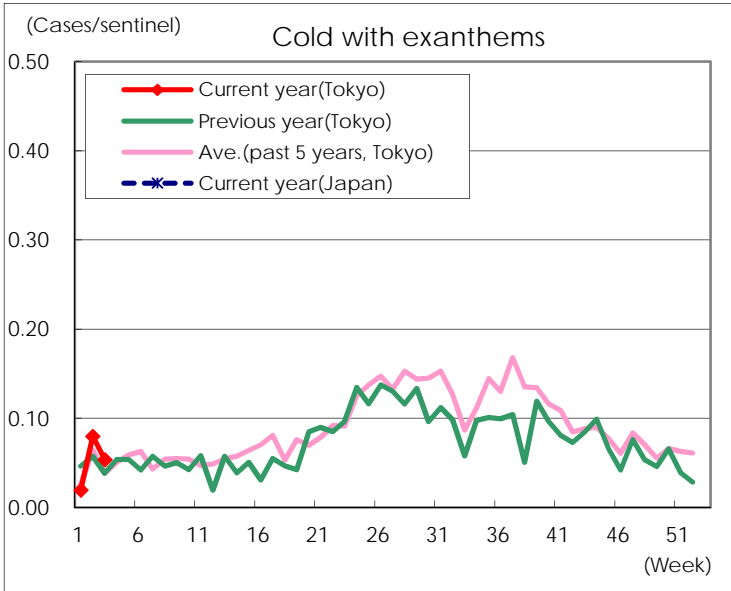
Diseases	Tokyo				
	52nd	1st	2nd	3rd	/sentinel
Respiratory syncytial virus infection	27	19	23	38	0.15
Pharyngoconjunctival fever	76	57	66	57	0.22
Group A streptococcal pharyngitis	318	231	348	517	1.98
Infectious gastroenteritis	2,505	1,083	1,667	1,781	6.82
Chickenpox	114	117	98	70	0.27
Hand, foot, and mouth disease	37	23	22	18	0.07
Erythema infectiosum	20	34	41	37	0.14
Exanthem subitum	56	45	125	107	0.41
Pertussis	4	1		2	0.01
Herpangina	6	2	1	1	
Mumps	80	73	121	66	0.25
Kawasaki disease	5	3	3	4	0.02
Cold with exanthems	7	5	21	14	0.05
Influenza	3,588	3,770	6,295	11,861	28.58
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	12	15	14	19	0.49
Bacterial meningitis					
Aseptic meningitis		1			
Mycoplasma pneumonia	6	13	6	10	0.40
Chlamydial pneumonia (excluding psittacosis)	1		3		
Infectious gastroenteritis (only by Rotavirus)	2		1	2	0.08
Influenza-Associated Hospitalizations	39	61	56	70	2.80

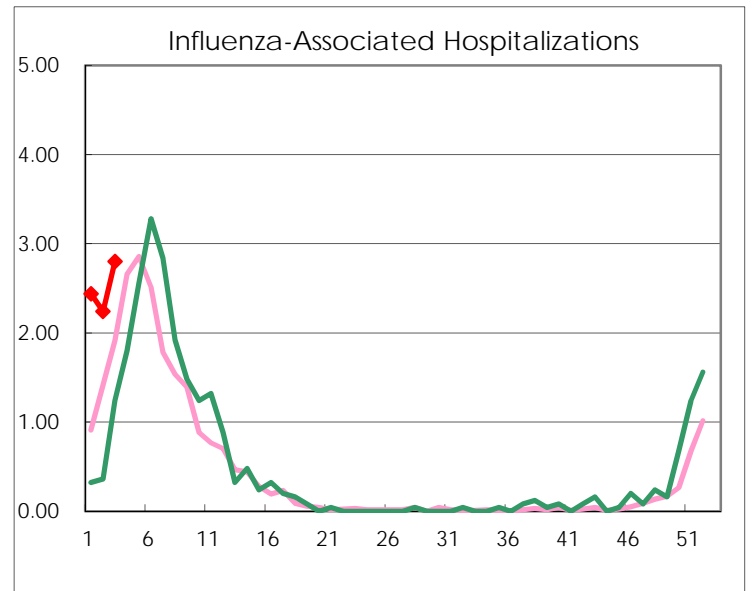
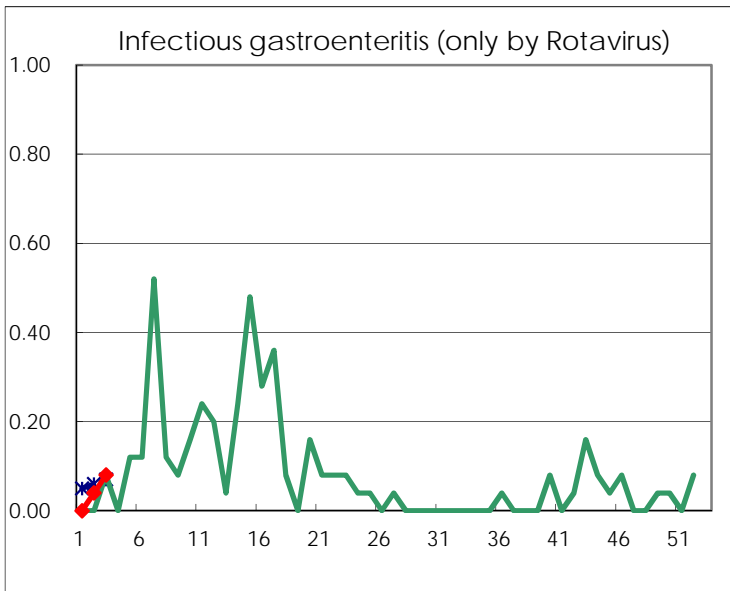
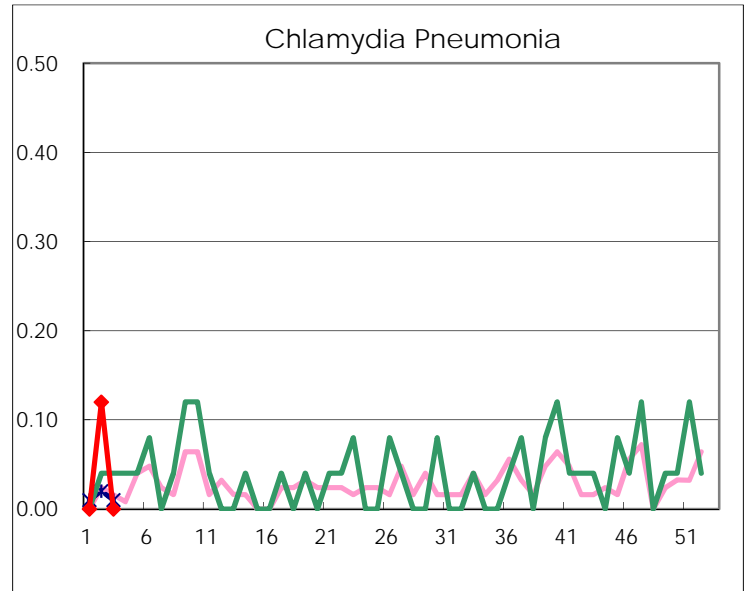
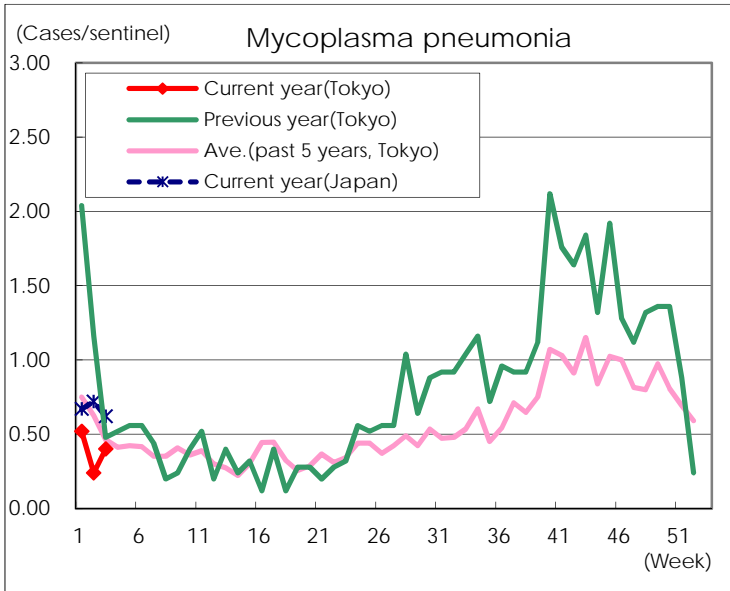
(Blank means 0.)

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	261
Influenza	419	415
Ophthalmic	39	39
Specially-designated	25	25