

2 November 2017 / Number 43

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	
		40th	41st	42nd	43rd	Cum 2017	43rd	Cum 2017
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	75	52	77	49	2,823	352	18,755
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
III	Avian influenza H7N9							
	Cholera					2		7
	Shigellosis	1				29	1	122
	Enterohemorrhagic Escherichia coli infection	1	13	6	7	443	93	3,578
	Typhoid fever					8		33
IV	Paratyphoid fever					6		13
	Hepatitis E	2			1	50	4	266
	West Nile fever							
	Hepatitis A			4	1	59	6	244
	Echinococcosis					1		22
	Yellow fever							
	Psittacosis						1	11
	Omsk hemorrhagic fever							
	Relapsing fever	1				2		8
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					1		1
	Monkeypox							
	Zika virus infection							3
	Severe Fever with Thrombocytopenia Syndrome						3	86
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							2
	Anthrax							
	Chikungunya fever					2	1	4
	Scrub typhus(Tsutsugamushi disease)					3	5	122
	Dengue fever	1		2	2	61	6	220
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever					1	12	312
	Japanese encephalitis							1
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							1
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism					1		3
	Malaria	1		1		23		50
	Tularemia							
	Lyme disease					1		18
	Lyssavirus infection(excluding rabies)							
	Rift valley fever							
	Melioidosis					1		1
	Legionellosis	5	6	2	4	131	54	1,475
	Leptospirosis		1	1		8	1	39
	Rocky mountain spotted fever							

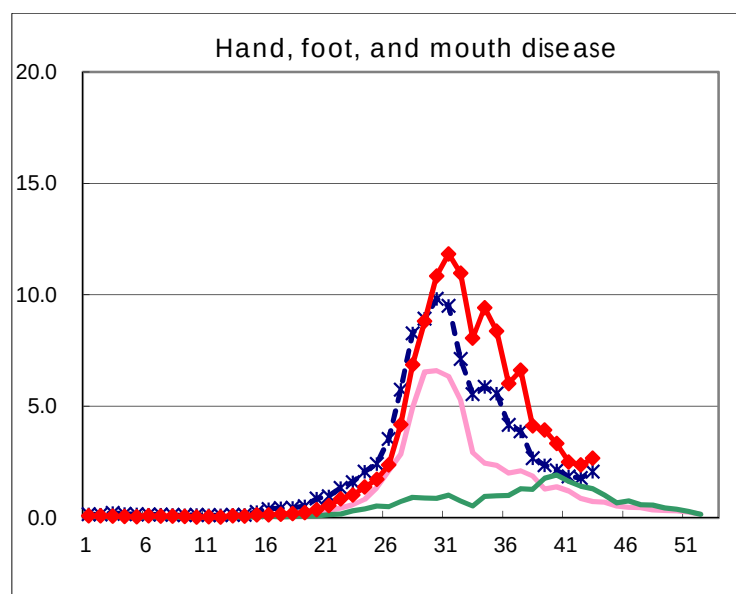
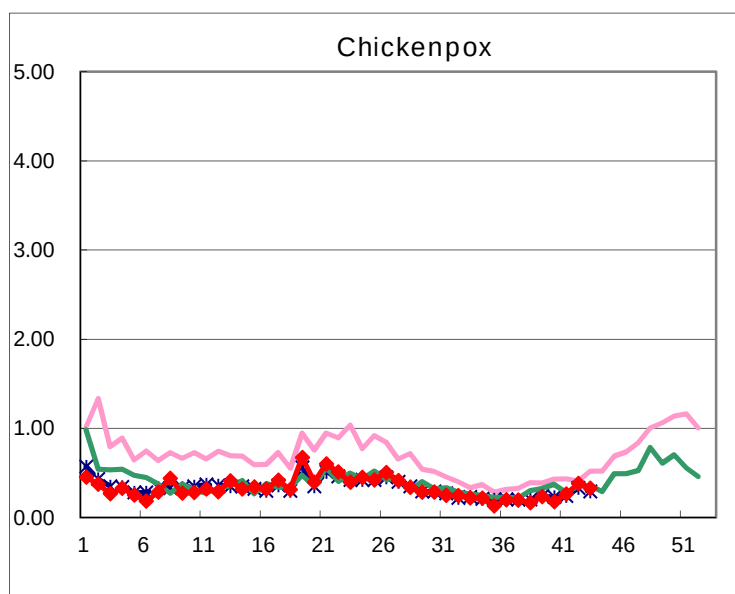
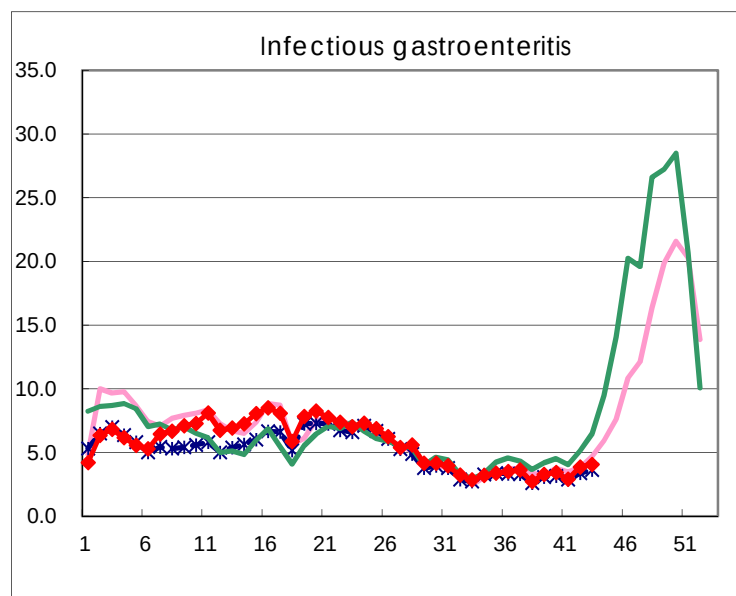
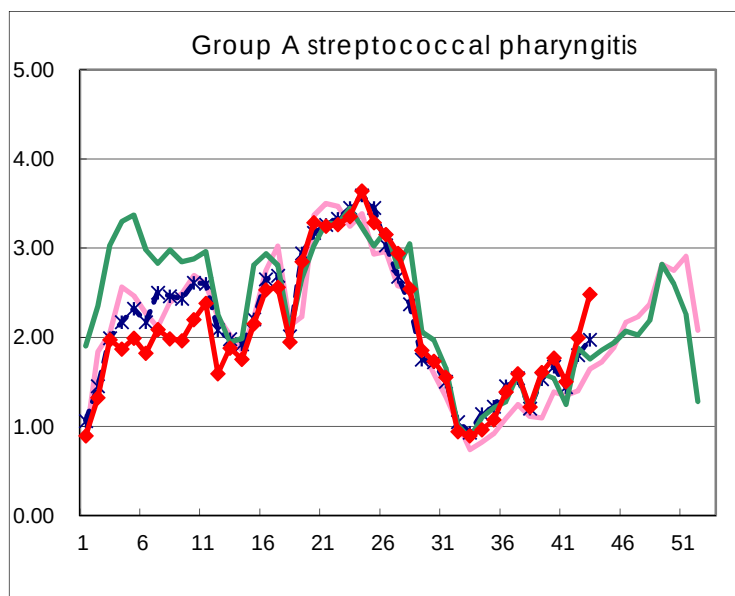
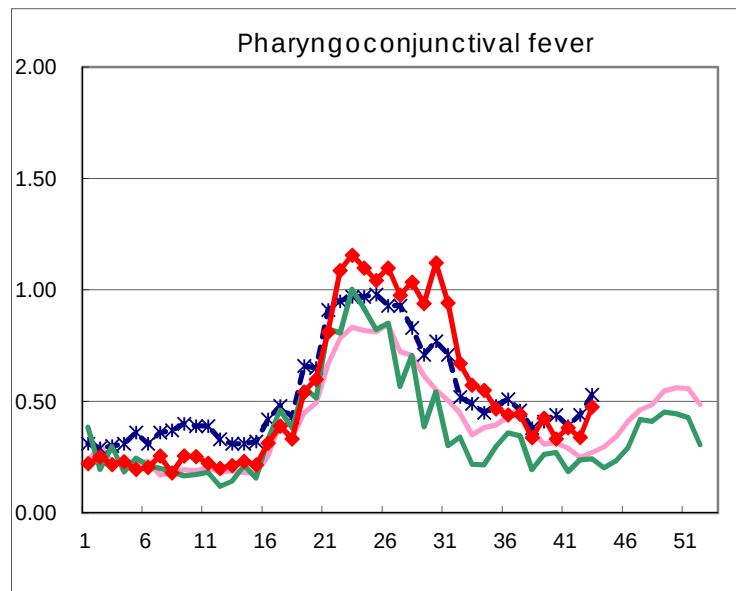
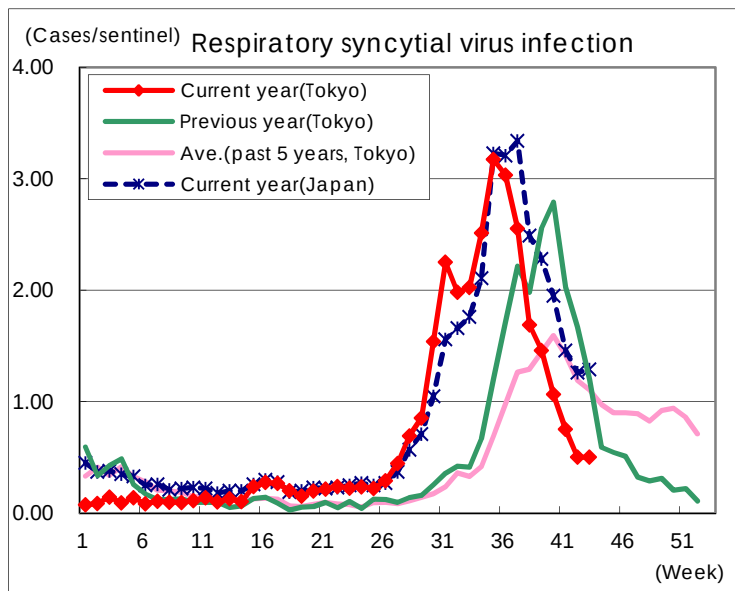
Category	Diseases	Tokyo					Japan	
		40th	41st	42nd	43rd	Cum 2017	43rd	Cum 2017
V	Amebiasis	10	5	4	6	177	16	889
	Viral hepatitis(excluding hepatitis A and E)	1	1		2	52	3	240
	CRE infection	5	7	8	7	183	37	1,373
	Acute encephalitis(excluding JE and WNE)	2	1			59	4	562
	Cryptosporidiosis				1	2		12
	Creutzfeldt-Jakob disease				1	14	3	166
	Severe invasive streptococcal infections(TSLS)	1		2	1	60	2	448
	Acquired immunodeficiency syndrome (AIDS)	5	9	13	10	391	13	1,147
	Giardiasis					22	1	48
	Invasive <i>Haemophilus influenzae</i> disease	3				44	3	295
	Invasive meningococcal disease		1			3		23
	Invasive pneumococcal disease	5	5	7	3	329	23	2,571
	Varicella (limited to hospitalized case)	3	3		1	44	3	251
	Congenital rubella syndrome							
	Syphilis	27	26	34	35	1,479	73	4,711
	Disseminated cryptococcosis			1	1	13	4	112
	Tetanus			1		5	1	107
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection					7		65
	Rubella		1			21	4	79
	Measles	1				28		188
	MDRA infection	1			1	4		20

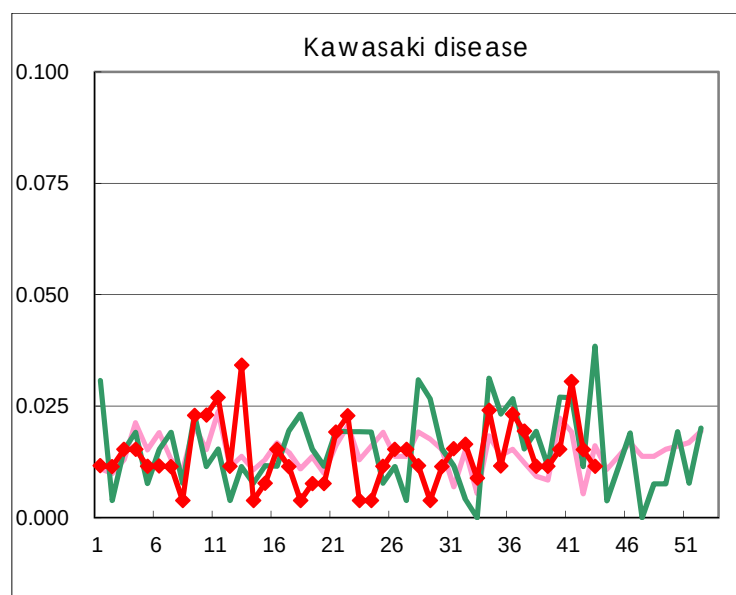
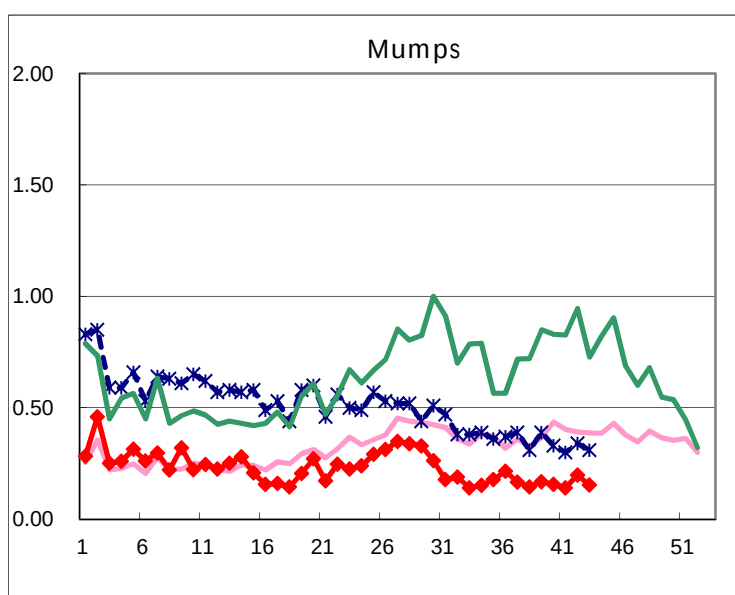
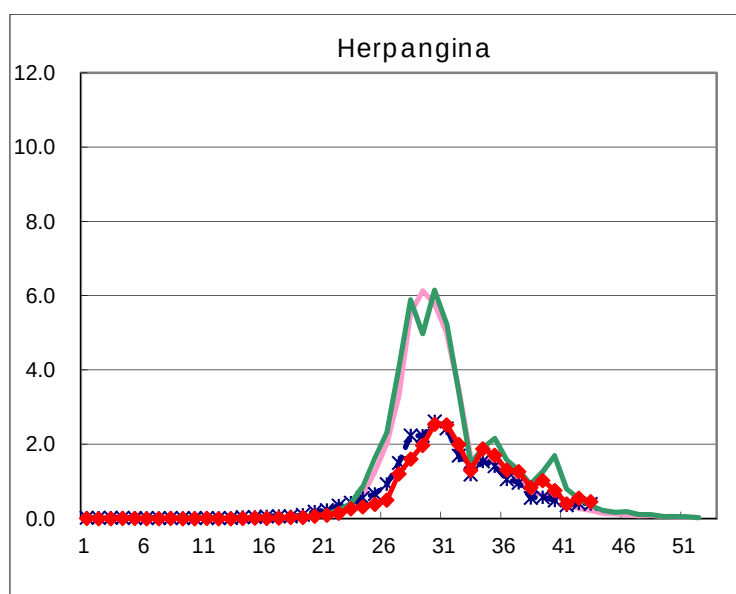
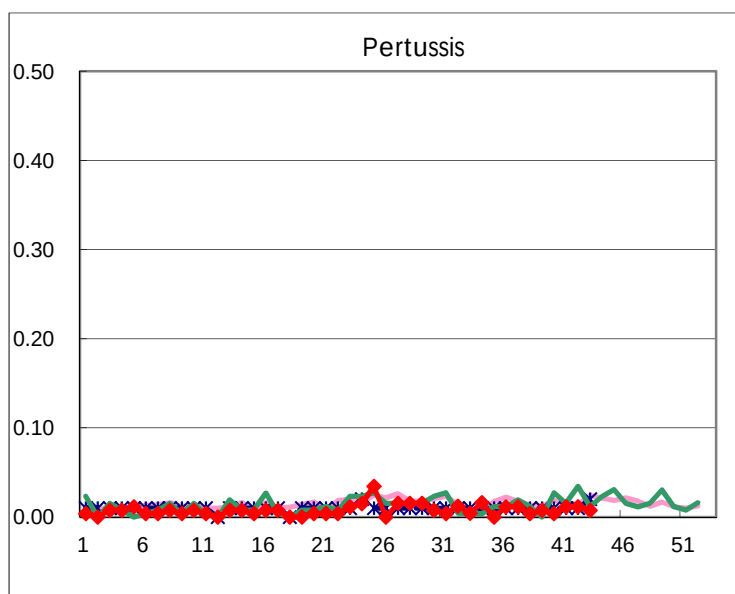
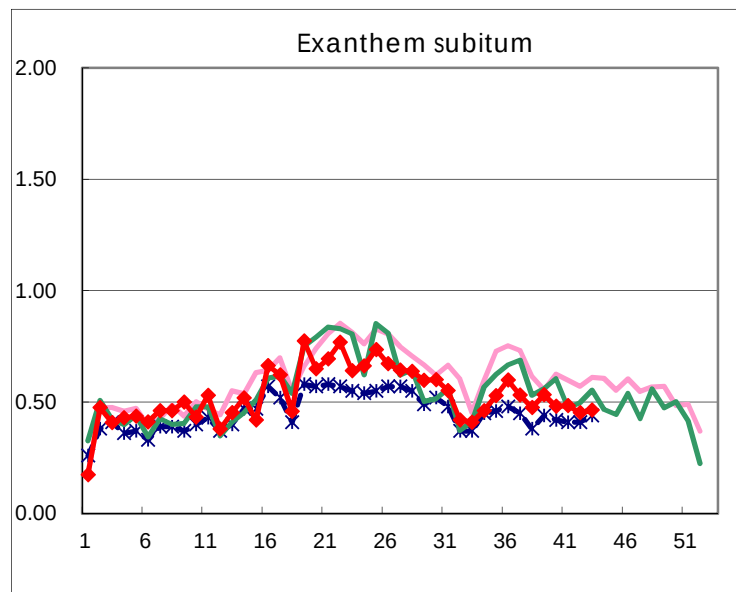
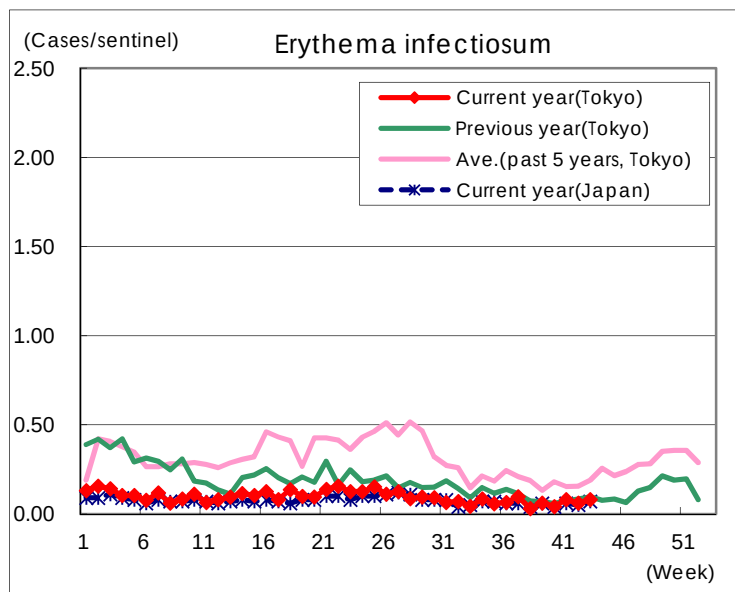
Number of patients with the diseases to be reported
by the designated clinics and hospitals

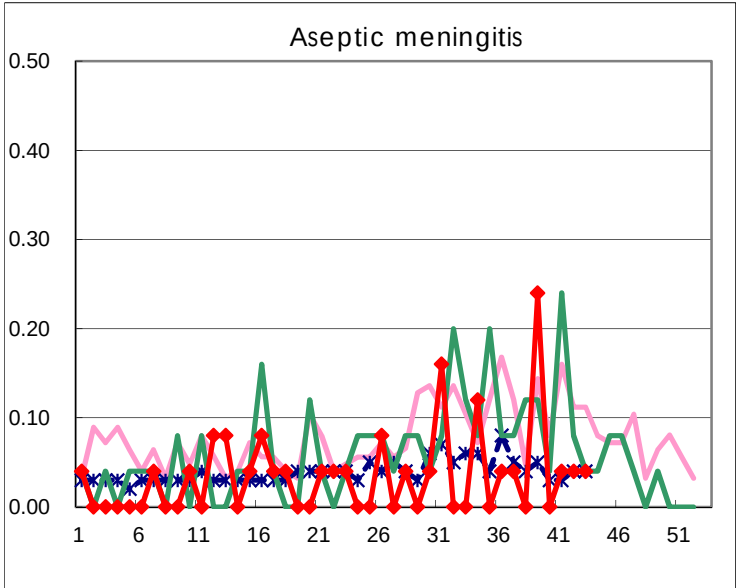
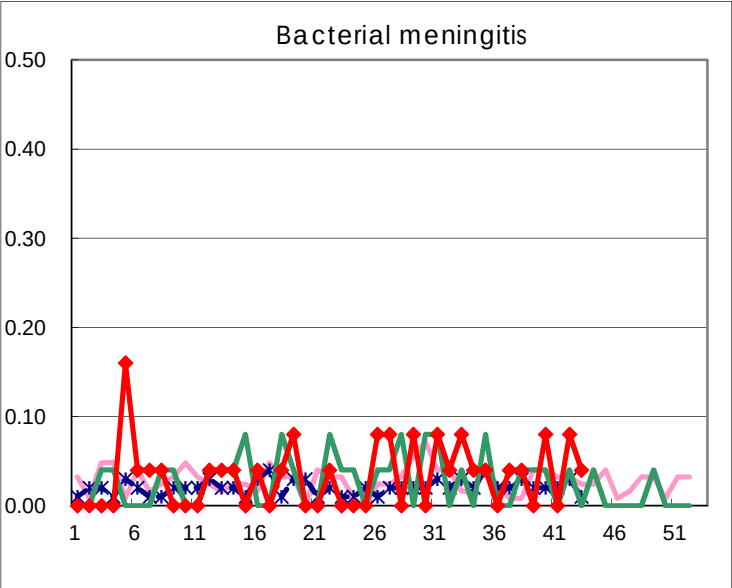
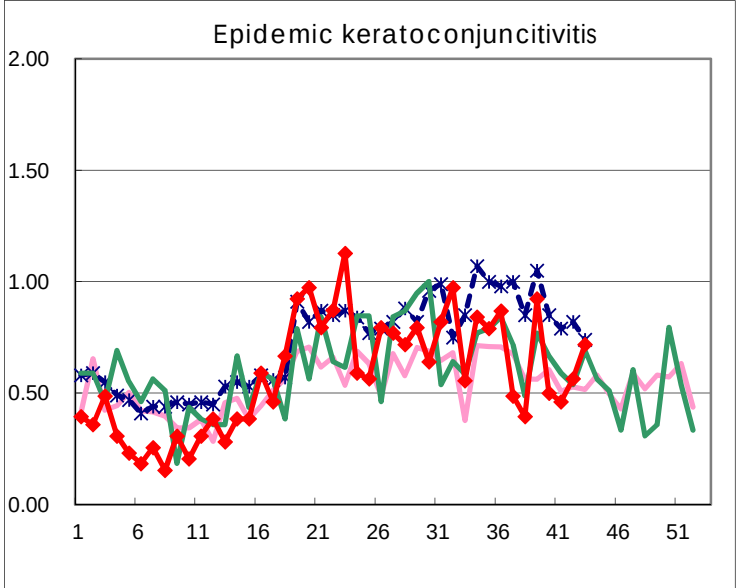
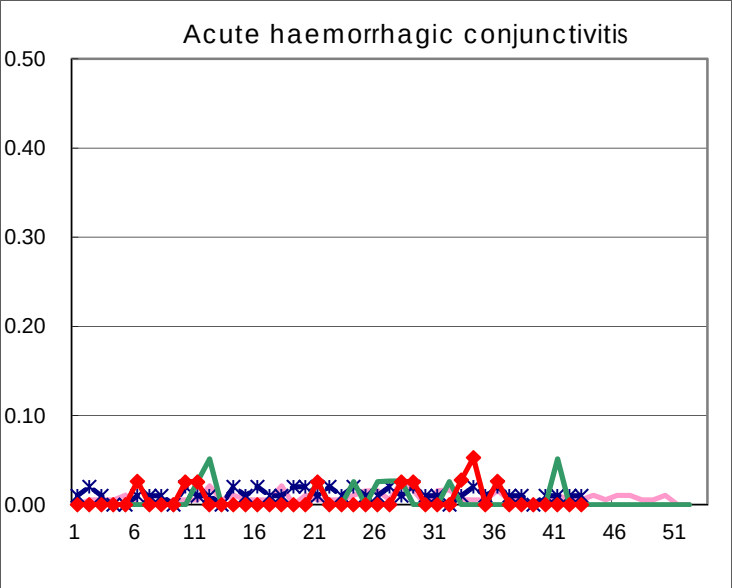
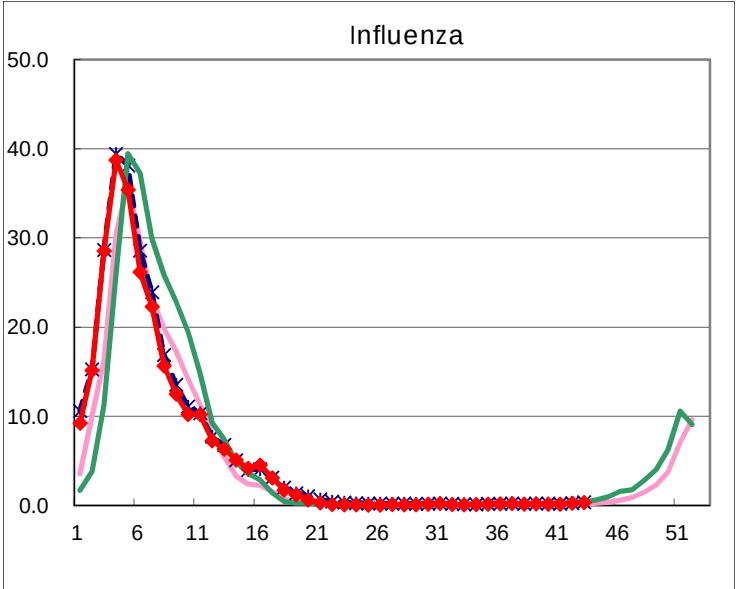
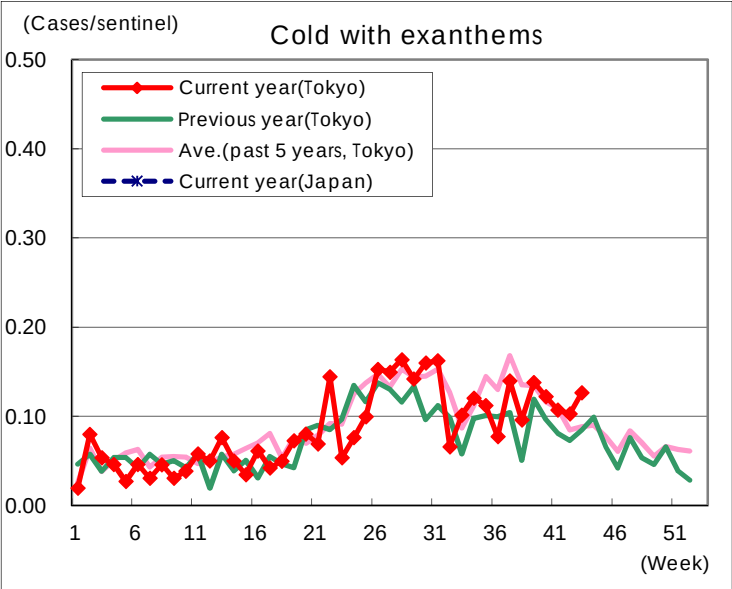
Diseases	Tokyo				
	40th	41st	42nd	43rd	/sentinel
Respiratory syncytial virus infection	279	197	132	131	0.50
Pharyngoconjunctival fever	87	100	89	124	0.48
Group A streptococcal pharyngitis	463	393	524	648	2.48
Infectious gastroenteritis	895	755	1,015	1,058	4.05
Chickenpox	46	69	100	85	0.33
Hand, foot, and mouth disease	872	656	623	697	2.67
Erythema infectiosum	11	21	16	21	0.08
Exanthem subitum	126	127	119	121	0.46
Pertussis	1	3	3	2	0.01
Herpangina	198	105	146	119	0.46
Mumps	41	37	52	40	0.15
Kawasaki disease	4	8	4	3	0.01
Cold with exanthems	32	28	27	33	0.13
Influenza	56	68	99	142	0.34
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	19	18	22	28	0.72
Bacterial meningitis	2		2	1	0.04
Aseptic meningitis		1	1	1	0.04
<i>Mycoplasma pneumonia</i>	1	9	7	6	0.24
<i>Chlamydial pneumonia</i> (excluding psittacosis)	2				
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations					

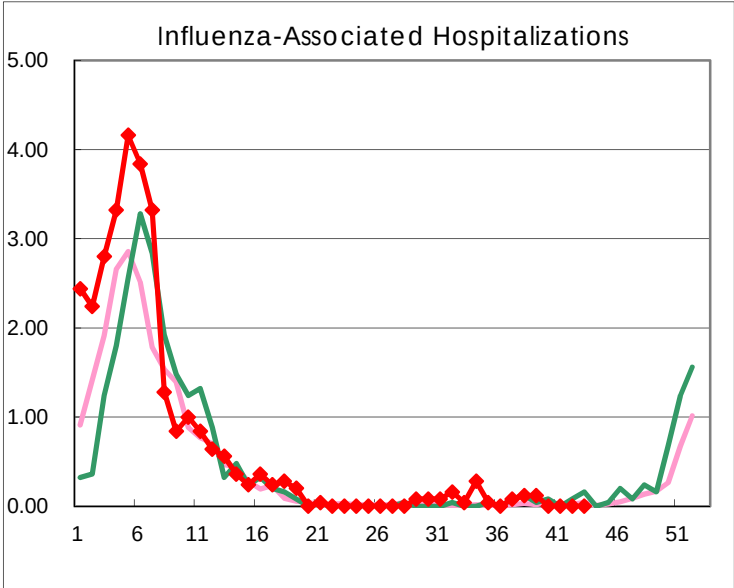
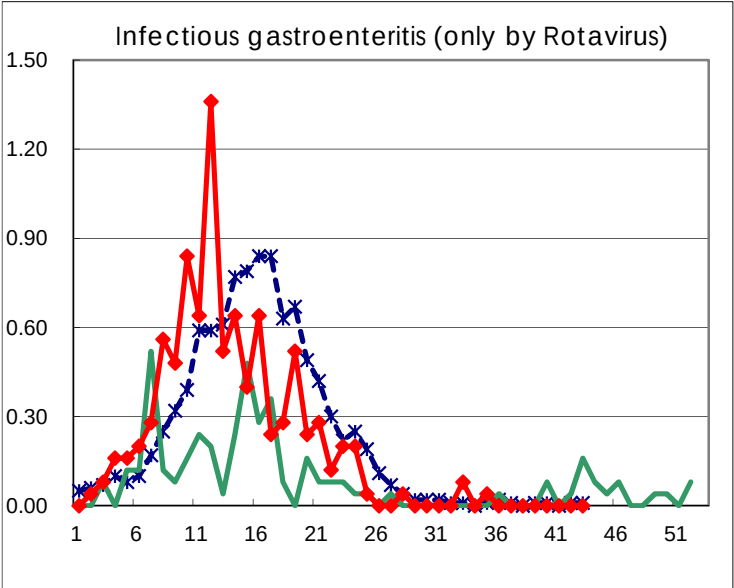
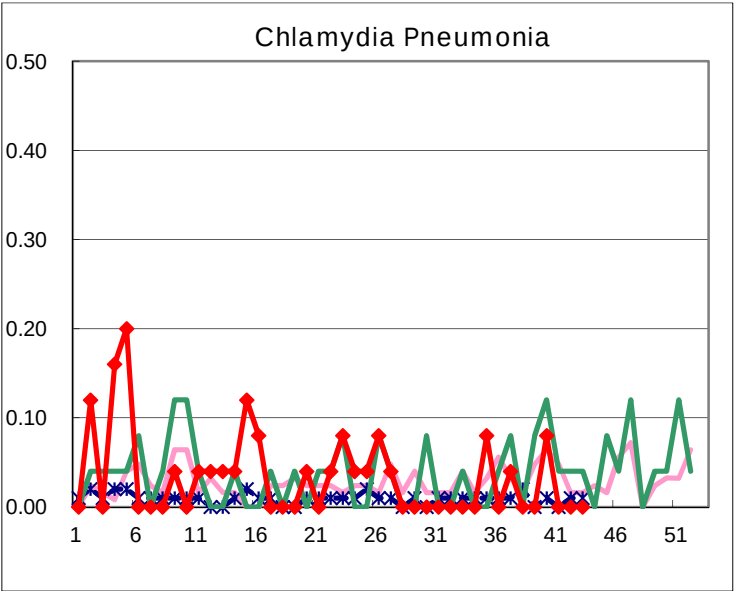
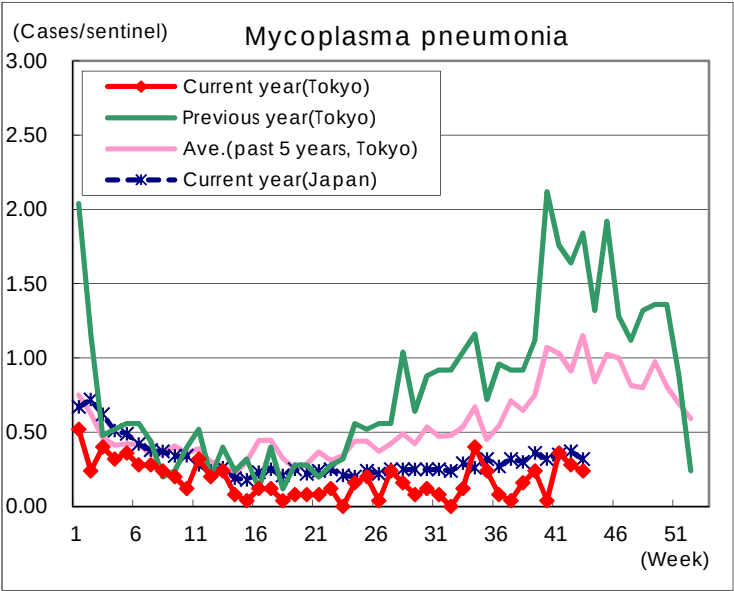
(Blank means 0.)

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