

2 April 2015 / Number 13

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	
		10th	11th	12th	13th	Cum 2015	13th	Cum 2015
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	58	73	86	56	811	293	5,341
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
III	Avian influenza H7N9							
	Cholera							3
	Shigellosis				3	11	2	31
	Enterohemorrhagic Escherichia coli infection	1	4	2		15	8	228
	Typhoid fever				1	3	2	14
IV	Paratyphoid fever					2		10
	Hepatitis E	3	1			7	3	47
	West Nile fever							
	Hepatitis A				2	8	5	79
	Echinococcosis					1		4
	Yellow fever							
	Psittacosis							3
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							1
	Monkeypox							
	Severe Fever with Thrombocytopenia Syndrome							1
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever					2		2
	Scrub typhus(Tsutsugamushi disease)						1	19
	Dengue fever	1	1	1	1	14	5	50
	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							2
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism							
	Malaria		1	1		2		3
	Tularemia							
	Lyme disease							
	Lyssavirus infection(excluding rabies)							
	Rift valley fever							
	Melioidosis							
	Legionellosis	4			3	20	13	257
	Leptospirosis	1				1		1
	Rocky mountain spotted fever							

Category	Diseases	Tokyo					Japan	
		10th	11th	12th	13th	Cum 2015	13th	Cum 2015
V	Amebiasis	2	2	2	5	46	17	251
	Viral hepatitis(excluding hepatitis A and E)			1		8	1	44
	CRE infection	5	4	2	1	29	11	276
	Acute encephalitis(excluding JE and WNE)	1		2	1	18	4	167
	Cryptosporidiosis					2		5
	Creutzfeldt-Jakob disease		1	1		6	6	44
	Severe invasive streptococcal infections(TSLS)	1	1	3	3	21	10	143
	Acquired immunodeficiency syndrome (AIDS)	8	10	8	8	90	13	299
	Giardiasis				1	2	2	17
	Invasive <i>Haemophilus influenzae</i> disease				1	6	5	65
	Invasive meningococcal disease	1				3		8
	Invasive pneumococcal disease	7	6	7	6	88	34	667
	Varicella (limited to hospitalized case)			1		8	3	64
	Congenital rubella syndrome							
	Syphilis	17	10	10	21	161	25	399
	Disseminated cryptococcosis		1			2		28
	Tetanus				1	1		16
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection							10
	Rubella		1	2	1	10	2	46
	Measles					1	2	9
	MDRA infection							4

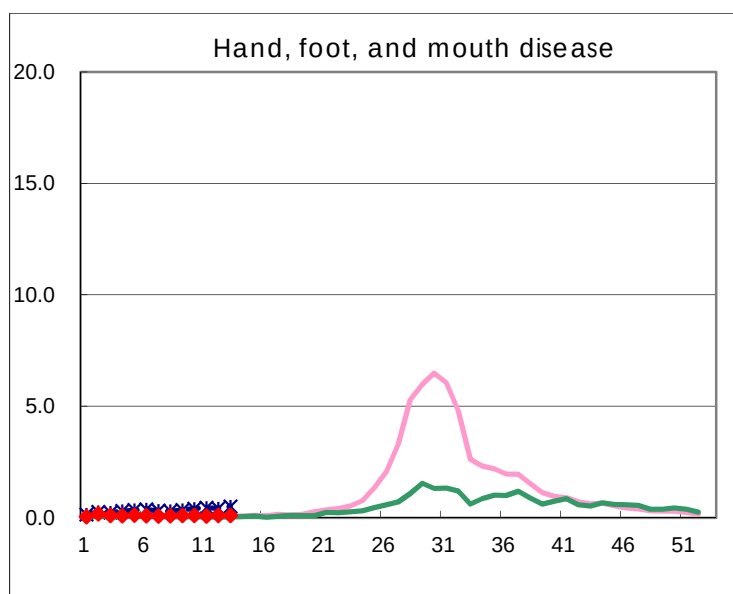
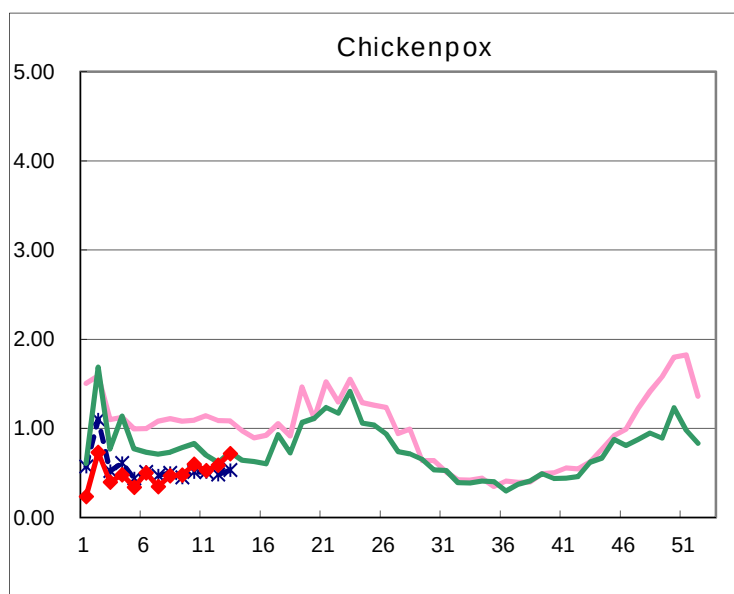
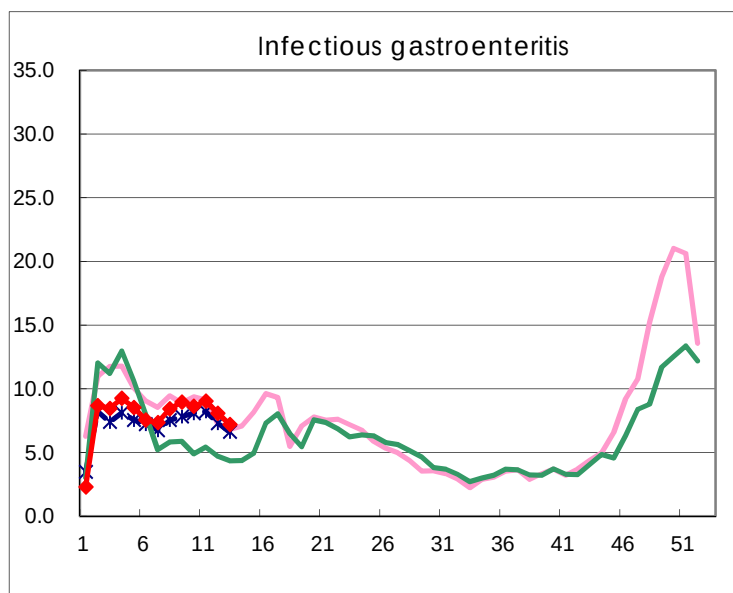
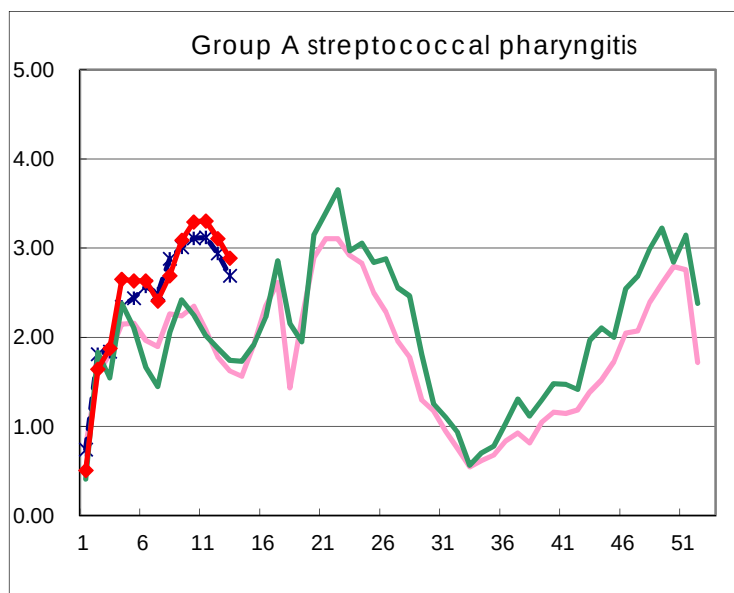
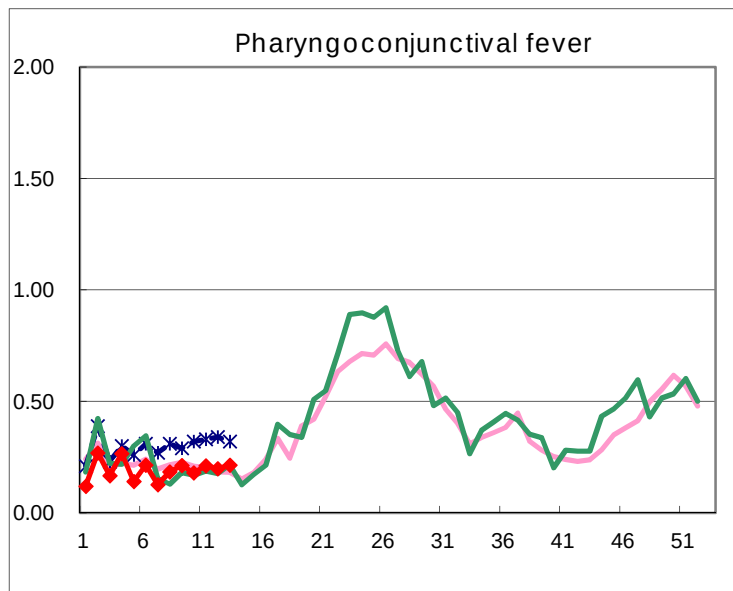
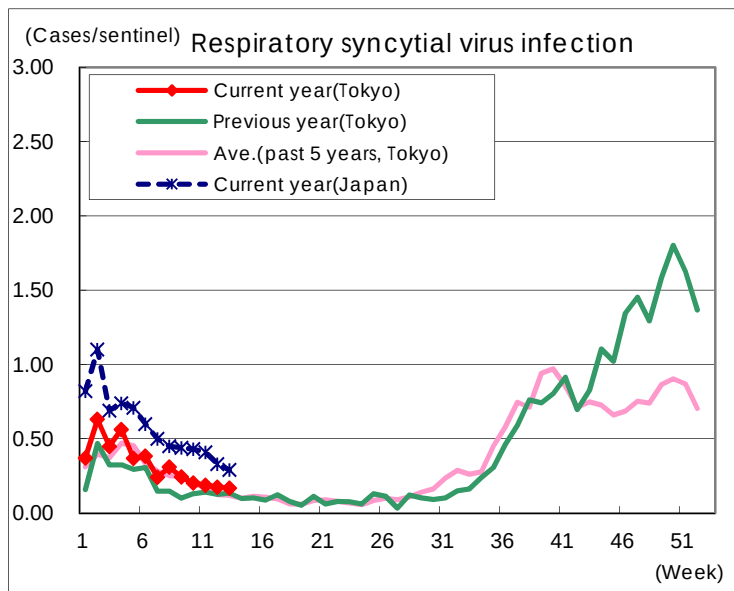
※ Designated infectious disease

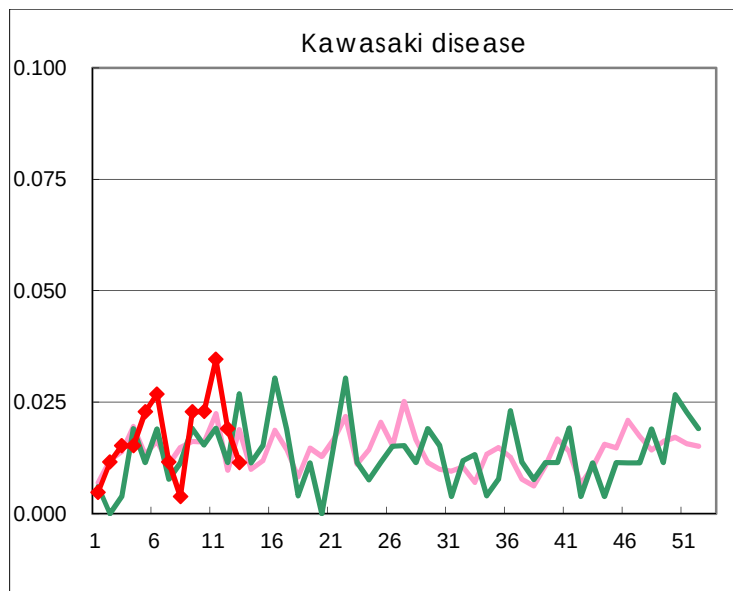
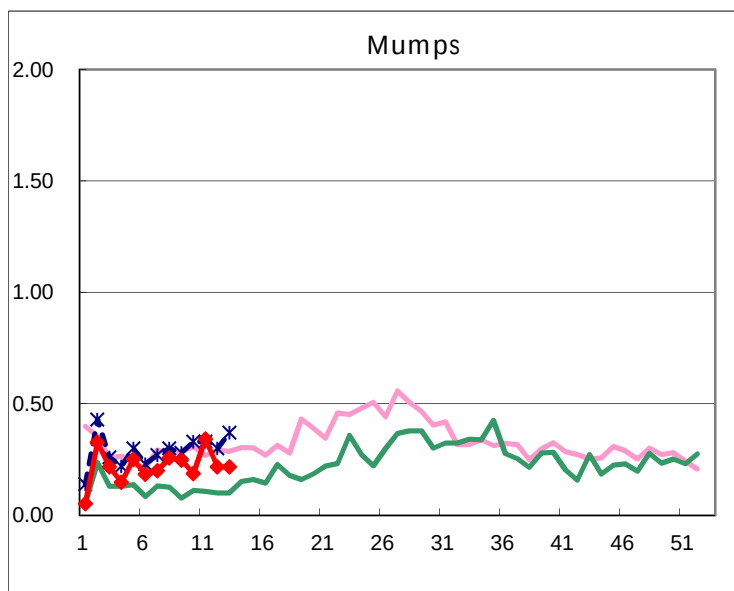
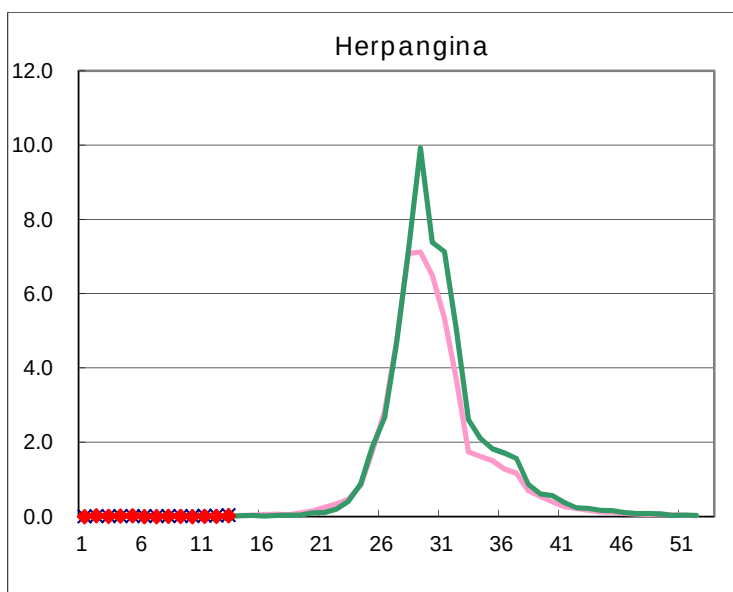
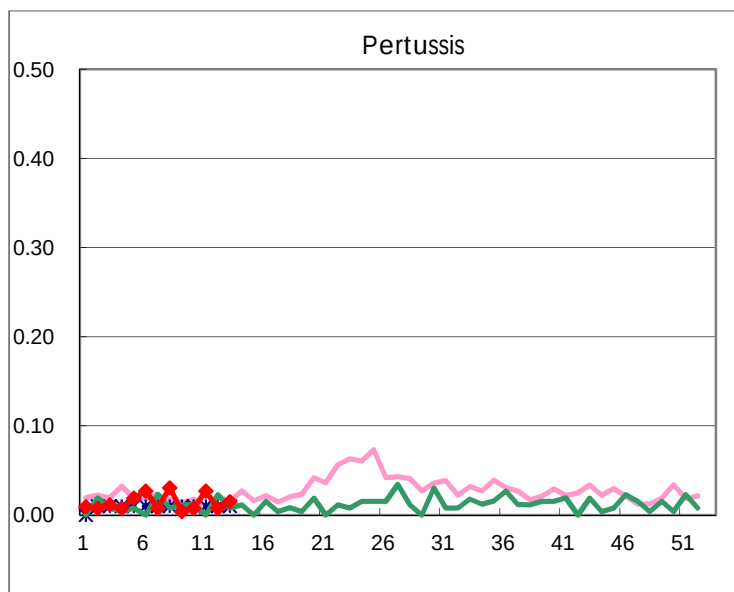
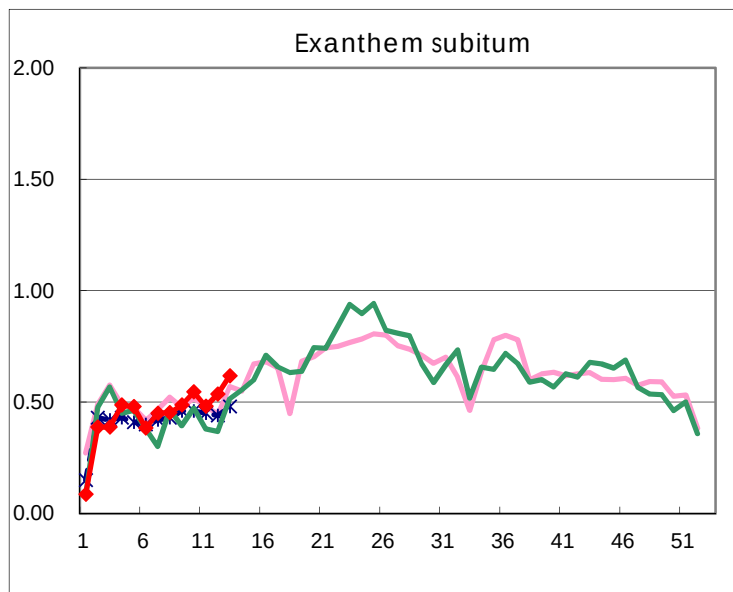
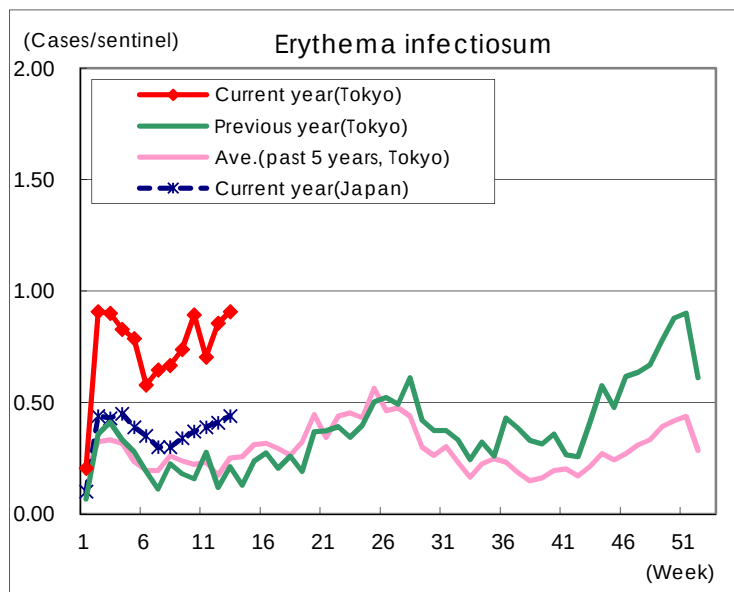
Number of patients with the diseases to be reported
by the designated clinics and hospitals

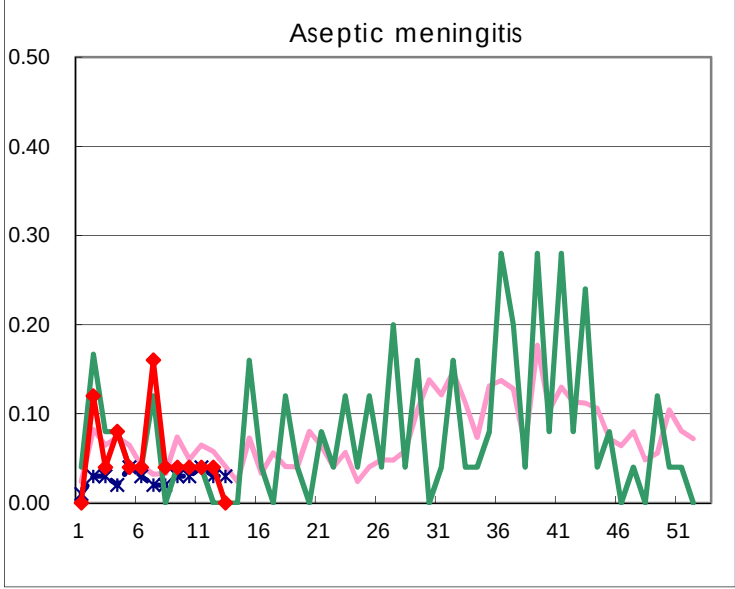
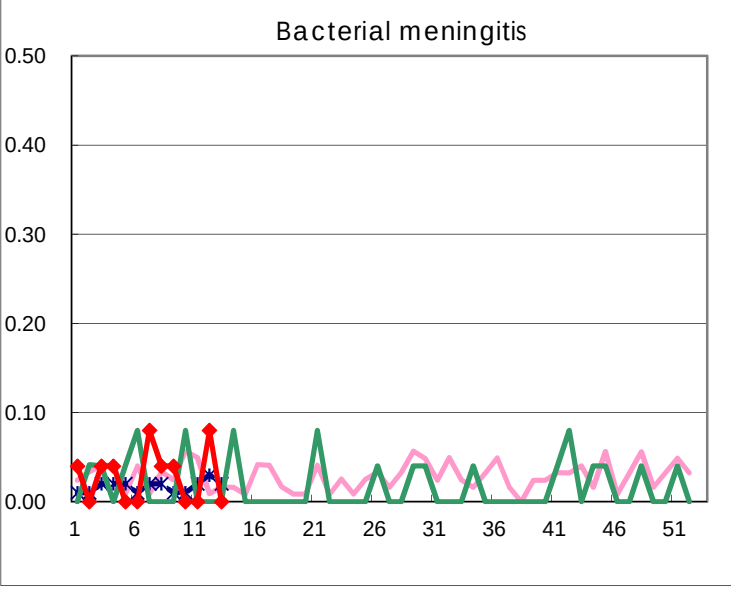
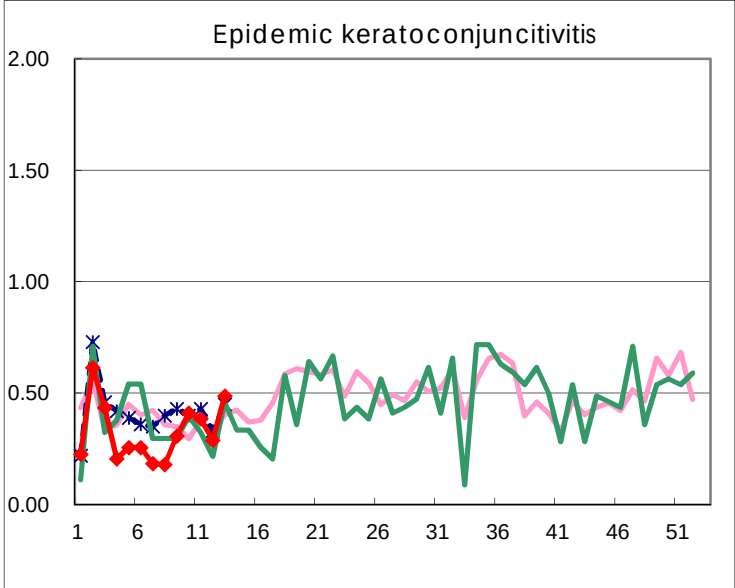
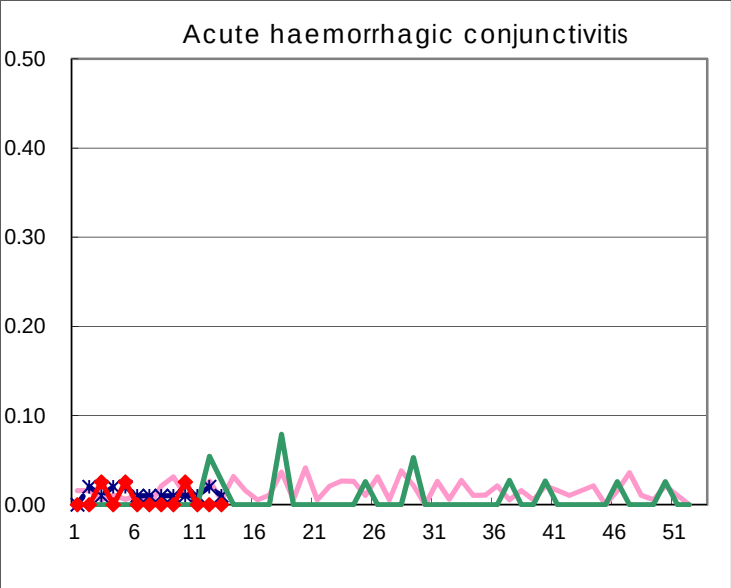
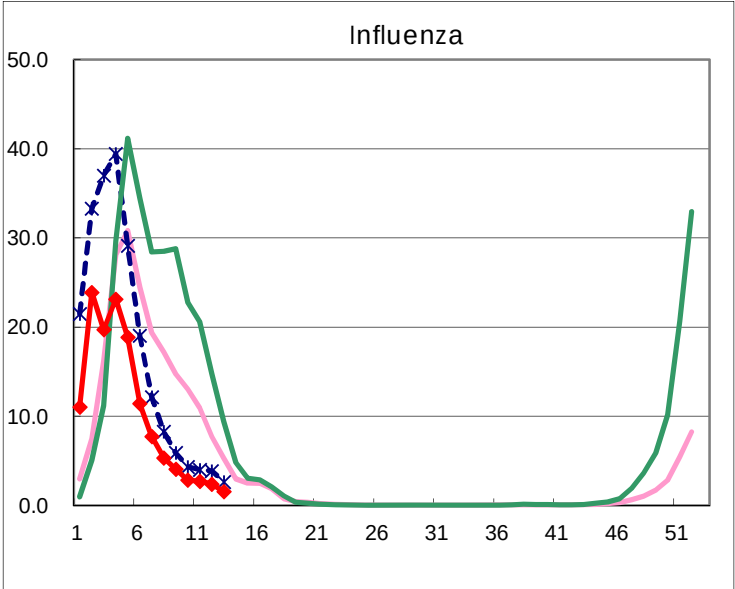
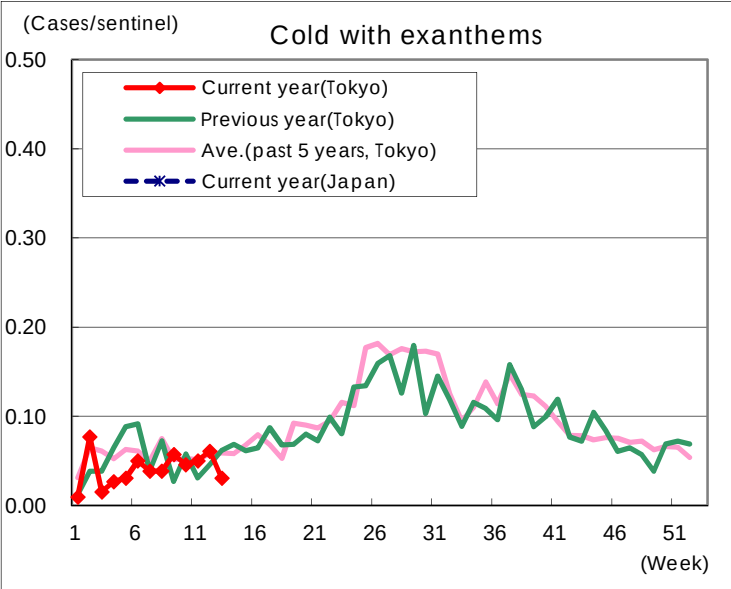
Diseases	Tokyo				
	10th	11th	12th	13th	/sentinel
Respiratory syncytial virus infection	53	49	46	44	0.17
Pharyngoconjunctival fever	47	55	52	56	0.21
Group A streptococcal pharyngitis	863	859	817	756	2.89
Infectious gastroenteritis	2,259	2,349	2,123	1,887	7.20
Chickenpox	156	136	154	187	0.71
Hand, foot, and mouth disease	25	20	28	26	0.10
Erythema infectiosum	234	183	225	238	0.91
Exanthem subitum	143	125	141	162	0.62
Pertussis	2	7	2	4	0.02
Herpangina	1	3	2	7	0.03
Mumps	49	89	57	57	0.22
Kawasaki disease	6	9	5	3	0.01
Cold with exanthems	12	13	16	8	0.03
Influenza	1,175	1,113	984	636	1.53
Acute hemorrhagic conjunctivitis	1				
Epidemic keratoconjunctivitis	16	15	11	19	0.49
Bacterial meningitis			2		
Aseptic meningitis	1	1	1		
Mycoplasma pneumonia	1	3	5	1	0.04
Chlamydial pneumonia (excluding psittacosis)	4	1	3	1	0.04
Infectious gastroenteritis (only by Rotavirus)	6	2	3	6	0.24
Influenza-Associated Hospitalizations	12	7	14	3	0.13

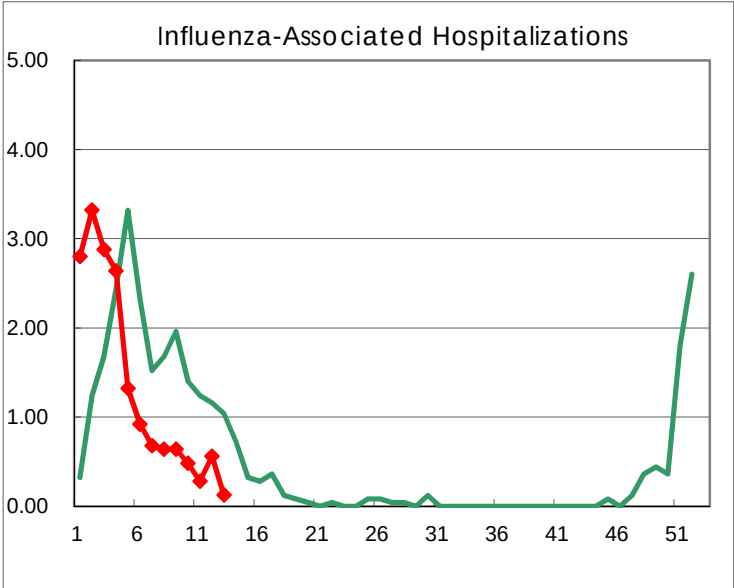
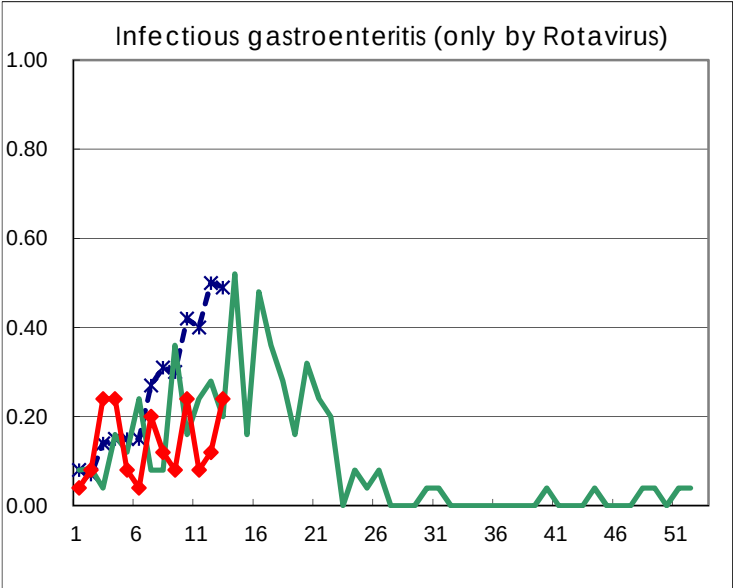
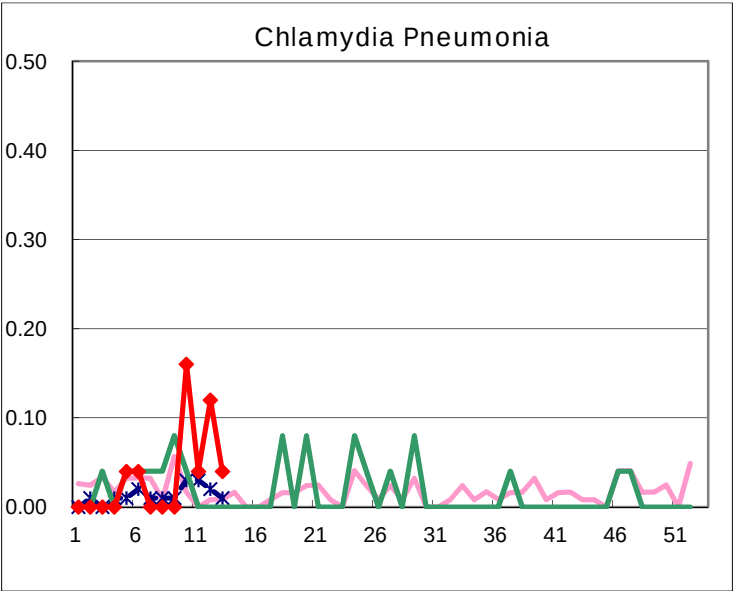
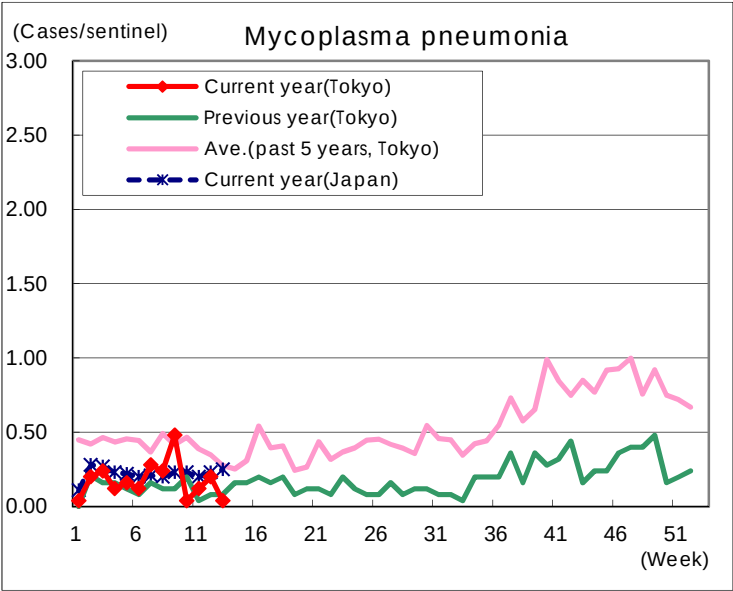
(Blank means 0.)

Disease Trend Graph (weekly reported cases per sentinelin comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	262
Influenza	419	415
Ophthalmic	39	39
Specially-designated	25	25