

22 January 2015 / 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.

1st Week is early January and 53rd Week is end of December.

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Number of patients with the diseases which all physicians must report

Category	Diseases	Tokyo					Japan	
		52nd	1st	2nd	3rd	Cum 2015	3rd	Cum 2015
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	62	11	75	54	140	256	753
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
※	Avian influenza H5N1							
	Middle East Respiratory Syndrome (MERS)							
III	Avian influenza H7N9							
	Cholera							
	Shigellosis	1			1	1		4
	Enterohemorrhagic Escherichia coli infection				2	2	21	44
	Typhoid fever				1	1		1
IV	Paratyphoid fever			1		1		1
	Hepatitis E	1					1	5
	West Nile fever							
	Hepatitis A	1		1	1	2	3	14
	Echinococcosis				1	1	1	1
	Yellow fever							
	Psittacosis							
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Severe Fever with Thrombocytopenia Syndrome							
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever	1			1	1		1
	Scrub typhus(Tsutsugamushi disease)						1	8
	Dengue fever	2		1	3	4	7	16
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever							
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism							
	Malaria							
	Tularemia							
	Lyme disease							
	Lyssavirus infection(excluding rabies)							
	Rift valley fever							
	Melioidosis							
	Legionellosis	3		6	2	8	16	58
	Leptospirosis	1						
	Rocky mountain spotted fever							

Category	Diseases	Tokyo					Japan	
		52nd	1st	2nd	3rd	Cum 2015	3rd	Cum 2015
V	Amebiasis	6		5	2	7	12	31
	Viral hepatitis(excluding hepatitis A and E)	2		1		1	2	5
	CRE infection	5	1			1	12	39
	Acute encephalitis(excluding JE and WNE)	1		4	1	5	5	30
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease			2		2		6
	Severe invasive streptococcal infections(TSLS)			2	1	3	5	25
	Acquired immunodeficiency syndrome (AIDS)	14		6	10	16	18	44
	Giardiasis						1	1
	Invasive <i>Haemophilus influenzae</i> disease			1	2	3	5	16
	Invasive meningococcal disease				2	2	3	6
	Invasive pneumococcal disease	5		14	13	27	44	162
	Varicella (limited to hospitalized case)	1		3		3	2	12
	Congenital rubella syndrome							
	Syphilis	18		9	11	20	21	46
	Disseminated cryptococcosis				1	1		3
	Tetanus							2
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection	2					1	1
	Rubella	2					2	3
	Measles				1	1	3	3
	MDRA infection	1						

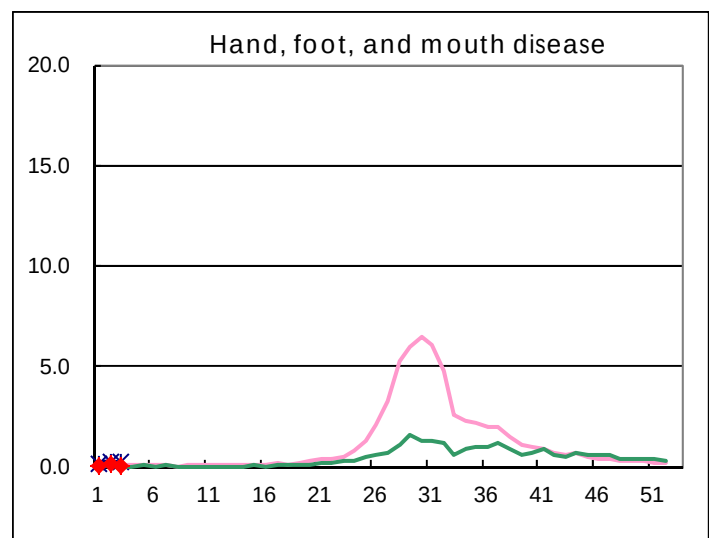
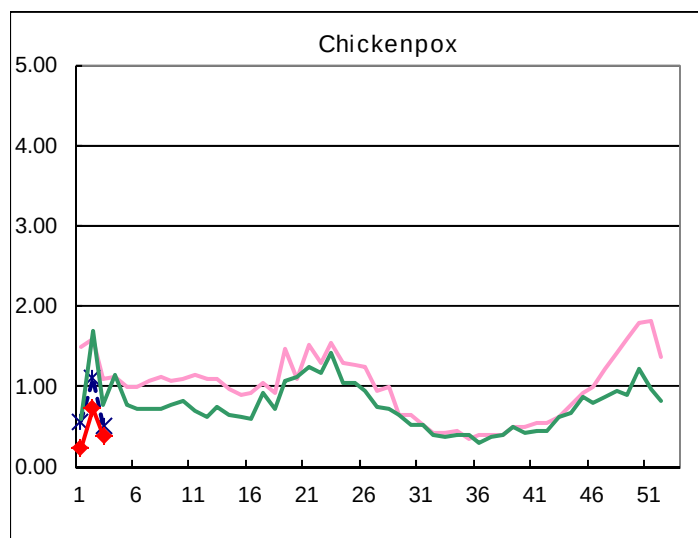
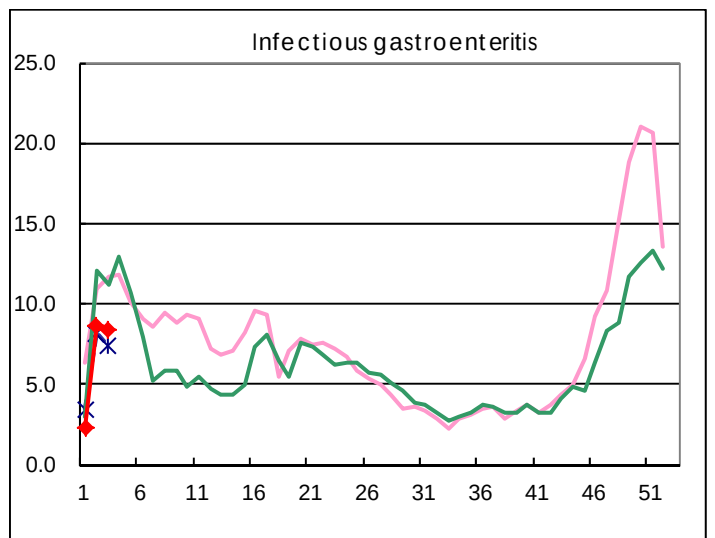
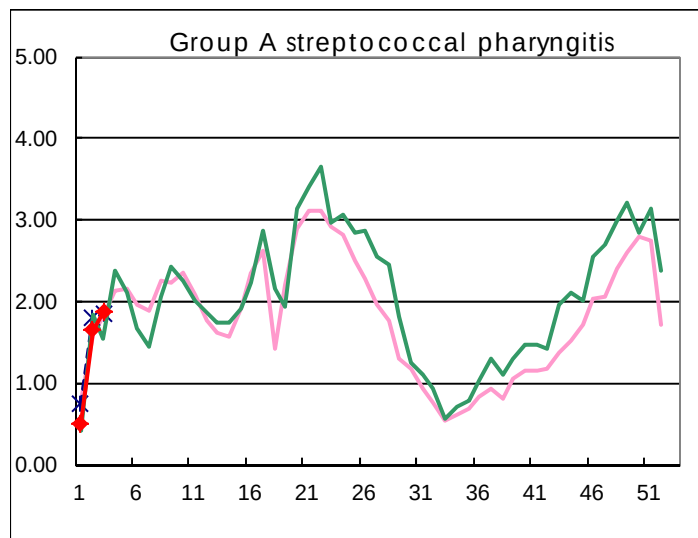
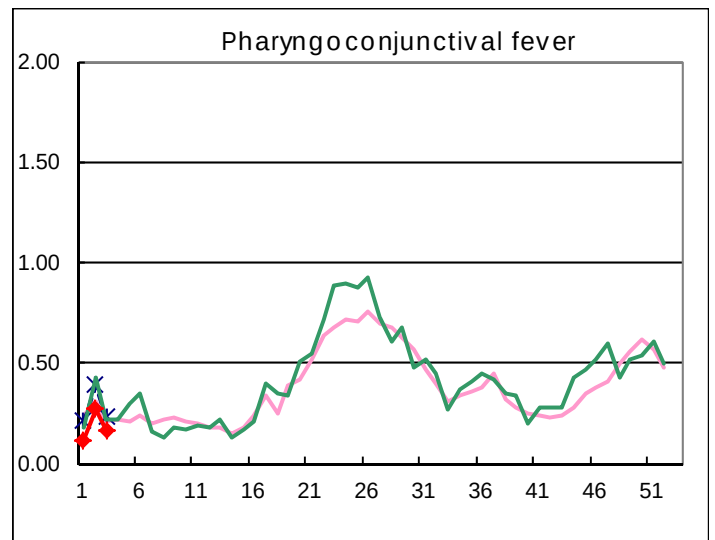
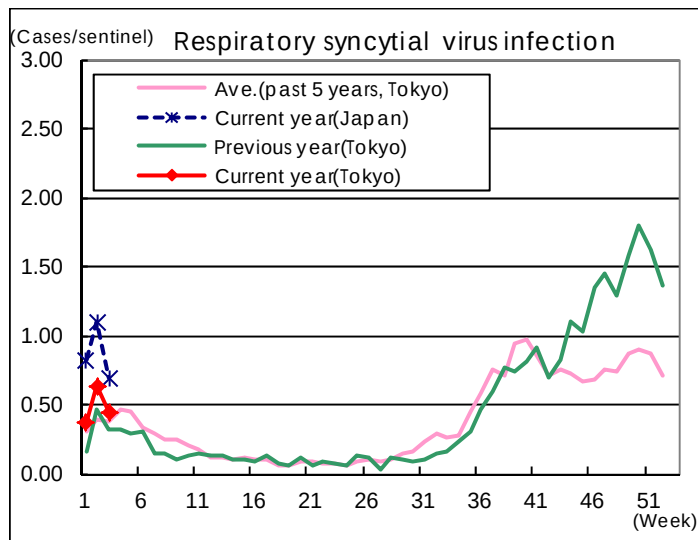
※ Designated infectious disease

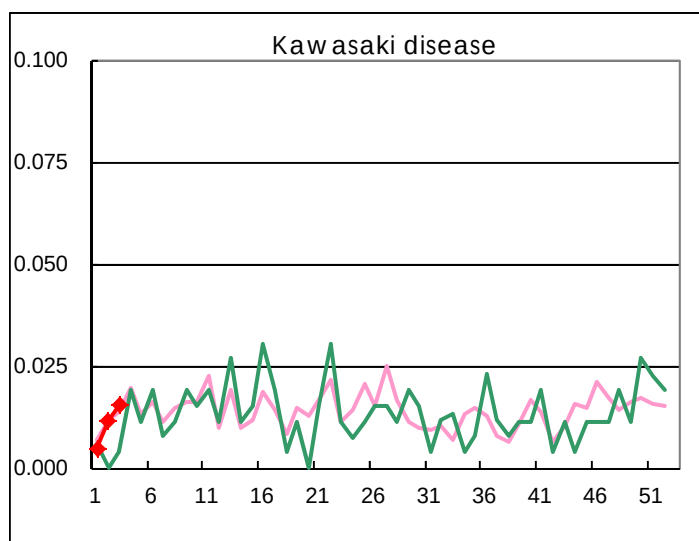
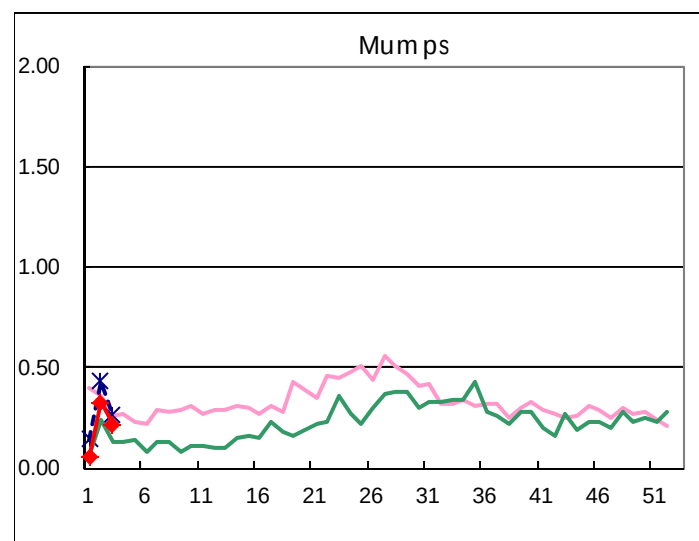
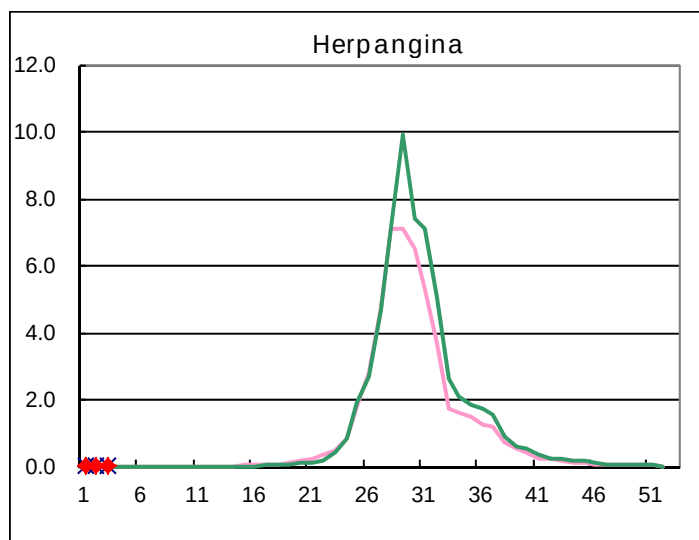
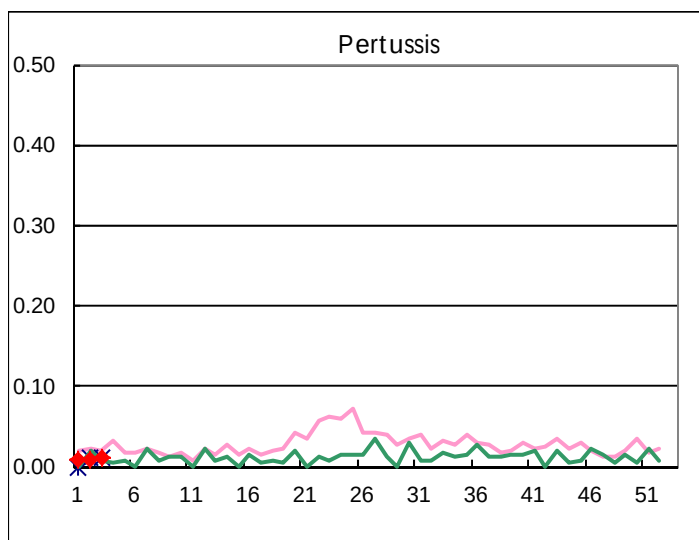
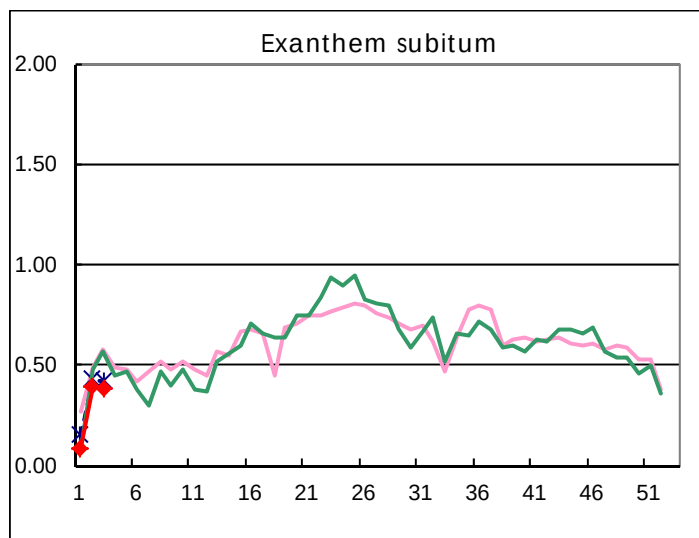
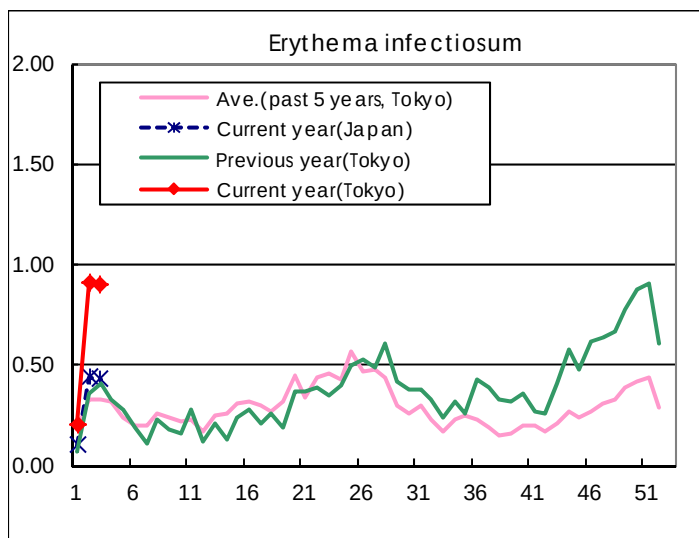
Number of patients with the diseases to be reported
by the designated clinics and hospitals

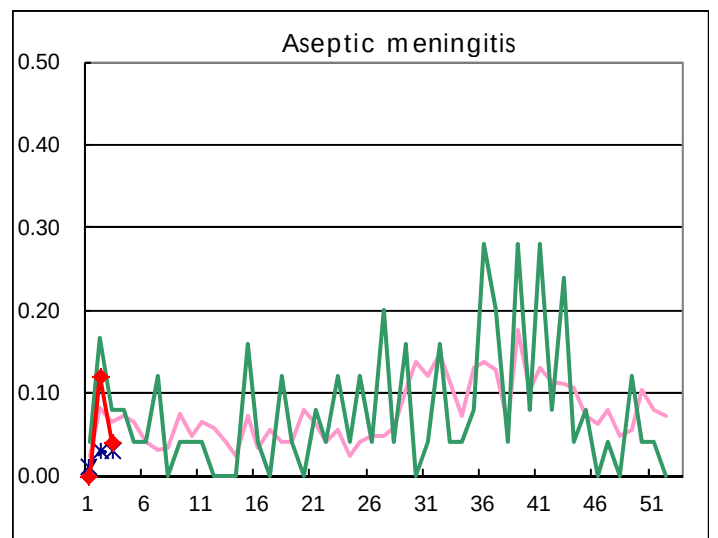
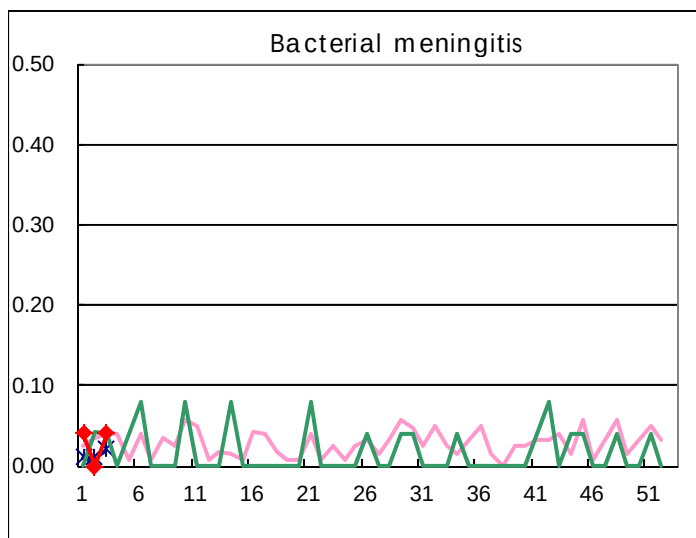
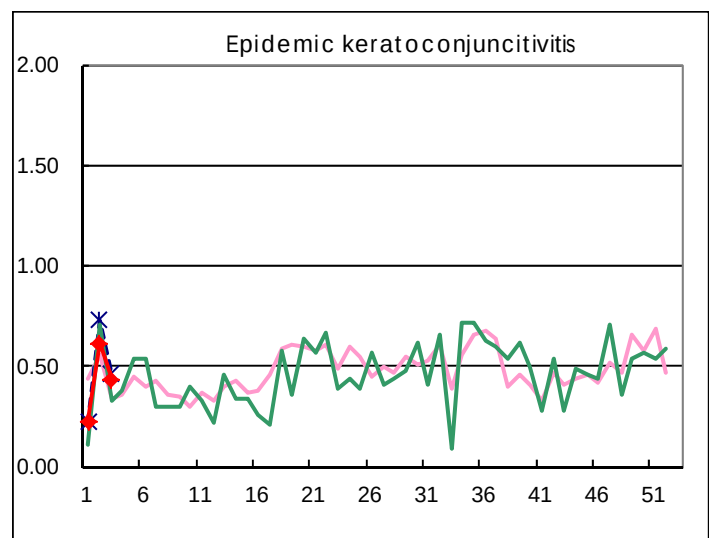
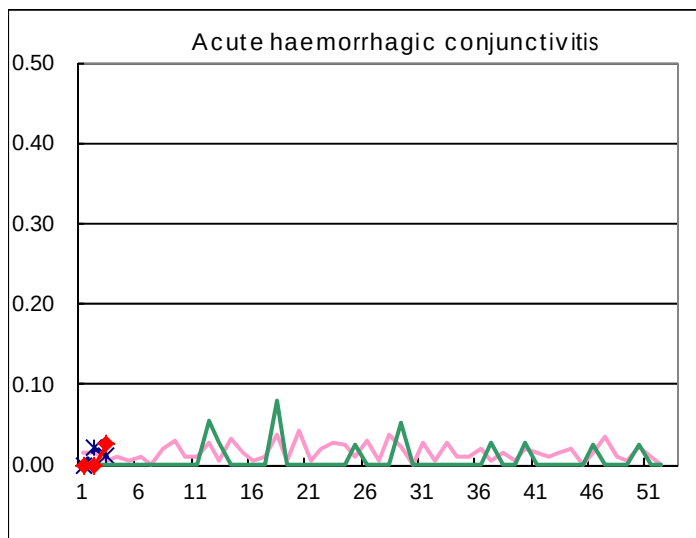
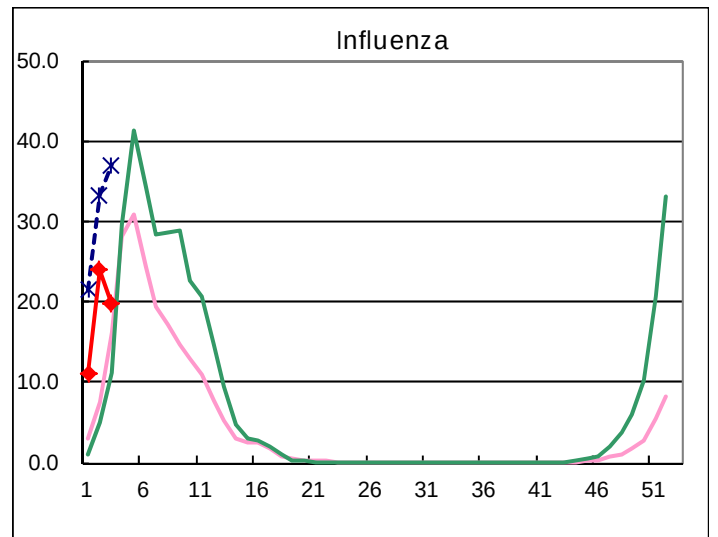
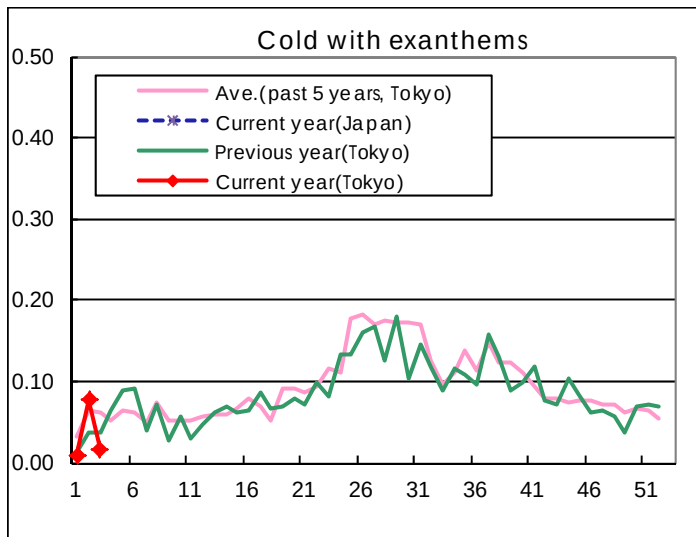
Diseases	Tokyo				
	52nd	1st	2nd	3rd	/sentinel
Respiratory syncytial virus infection	358	78	164	118	0.45
Pharyngoconjunctival fever	131	25	70	44	0.17
Group A streptococcal pharyngitis	623	106	427	493	1.87
Infectious gastroenteritis	3,190	481	2,254	2,224	8.46
Chickenpox	218	49	190	104	0.40
Hand, foot, and mouth disease	67	10	46	26	0.10
Erythema infectiosum	160	43	236	237	0.90
Exanthem subitum	94	18	101	102	0.39
Pertussis	2	2	2	3	0.01
Herpangina	7	1	6	2	0.01
Mumps	72	11	85	57	0.22
Kawasaki disease	5	1	3	4	0.02
Cold with exanthems	18	2	20	4	0.02
Influenza	13,679	3,809	9,892	8,198	19.71
Acute hemorrhagic conjunctivitis				1	0.03
Epidemic keratoconjunctivitis	23	7	24	17	0.44
Bacterial meningitis		1		1	0.04
Aseptic meningitis			3	1	0.04
Mycoplasma pneumonia	6	1	5	6	0.24
Chlamydial pneumonia (excluding psittacosis)					
Infectious gastroenteritis (only by Rotavirus)	1	1	2	6	0.24
Influenza-Associated Hospitalizations	65	70	83	72	2.88

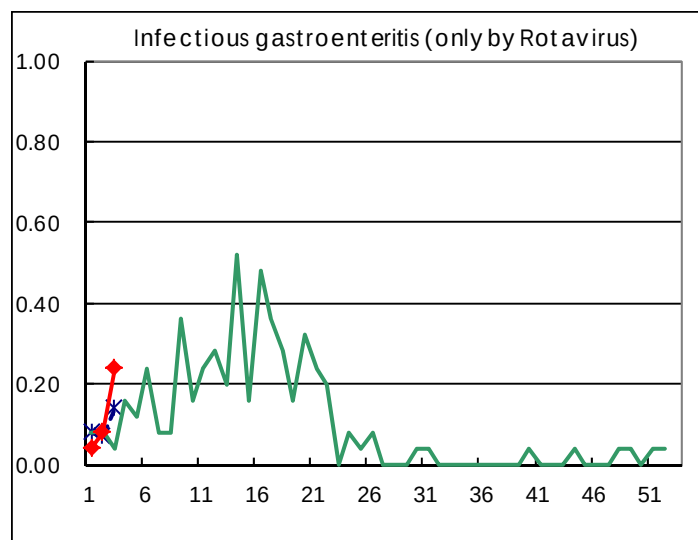
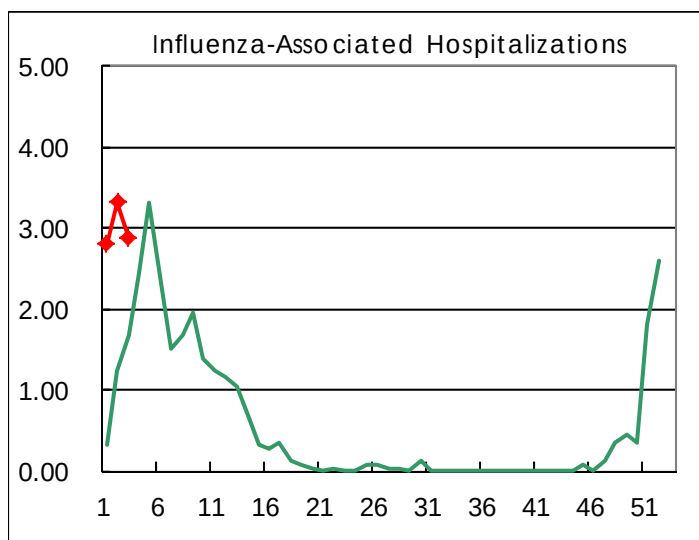
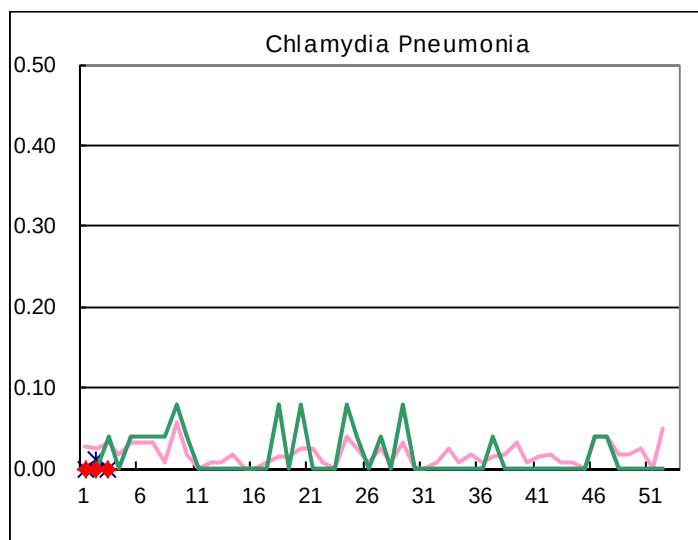
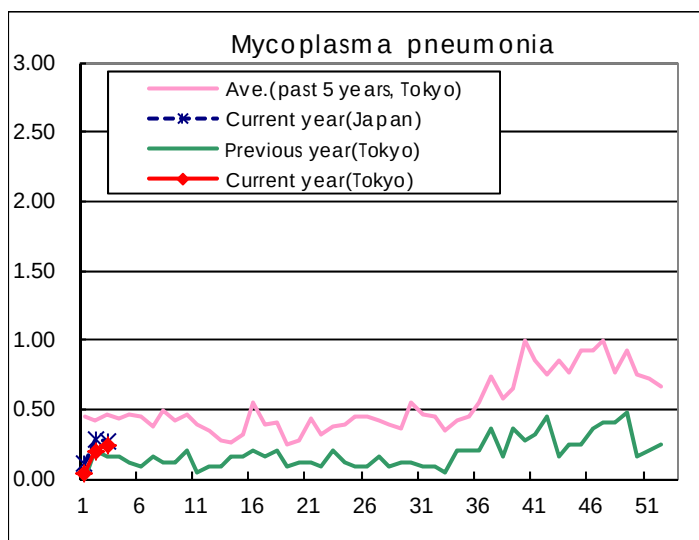
(Blank means 0.)

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	263
Influenza	419	416
Ophthalmic	39	39
Specially- designated	25	25

Tokyo Metropolitan Government
Infectious Disease Surveillance Center