

11 June 2015 / Number 23

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	
		20th	21st	22nd	23rd	Cum 2015	23rd	Cum 2015
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	85	79	74	93	1,569	408	10,066
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
III	Avian influenza H7N9							
	Cholera							3
	Shigellosis	3			4	25	6	59
	Enterohemorrhagic Escherichia coli infection		5	5	5	34	57	589
	Typhoid fever		1			7		20
IV	Paratyphoid fever			1		4	2	17
	Hepatitis E		1		2	15	1	83
	West Nile fever							
	Hepatitis A	1	2	1	3	23	5	126
	Echinococcosis					1		8
	Yellow fever							
	Psittacosis						1	4
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							1
	Monkeypox							
	Severe Fever with Thrombocytopenia Syndrome						6	19
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever	1	1			4	1	7
	Scrub typhus(Tsutsugamushi disease)					1	5	57
	Dengue fever	1	2		2	28	6	101
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						8	43
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis		1			1		3
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism							
	Malaria	1			2	6	1	13
	Tularemia						1	1
	Lyme disease							3
	Lyssavirus infection(excluding rabies)							
	Rift valley fever							
	Melioidosis							
	Legionellosis	1	2	2	1	38	20	479
	Leptospirosis	1				5		6
	Rocky mountain spotted fever							

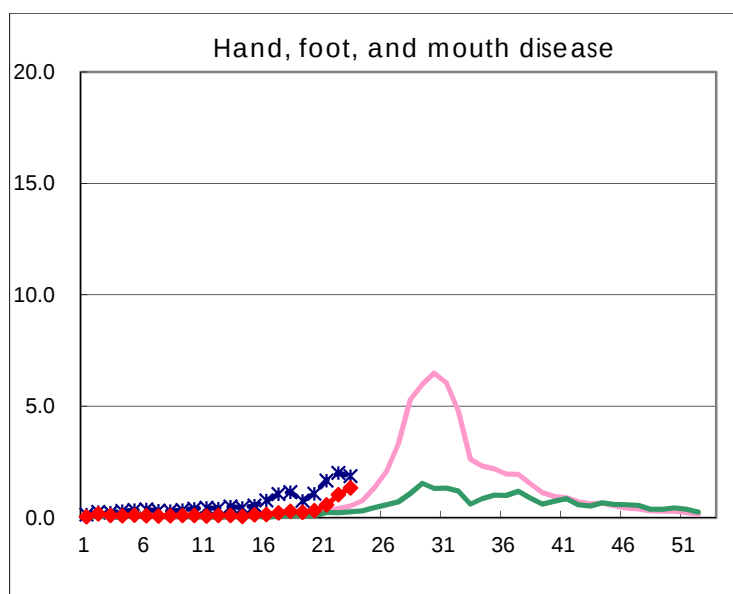
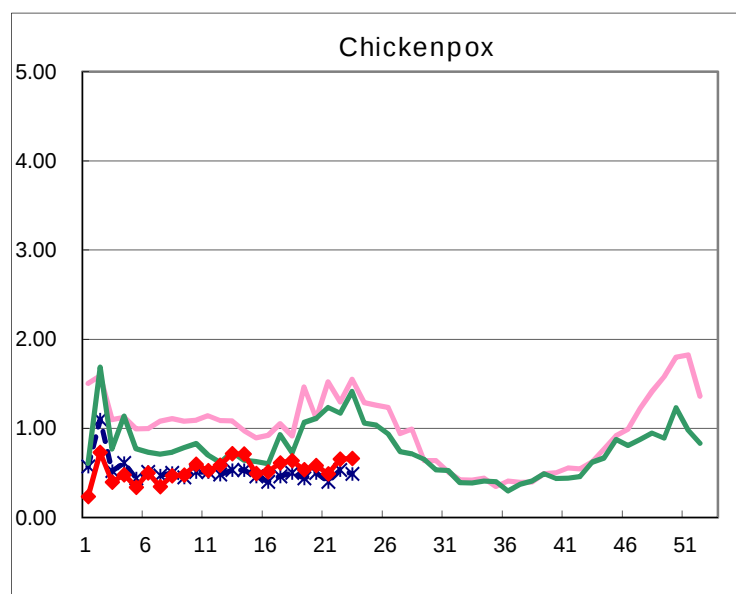
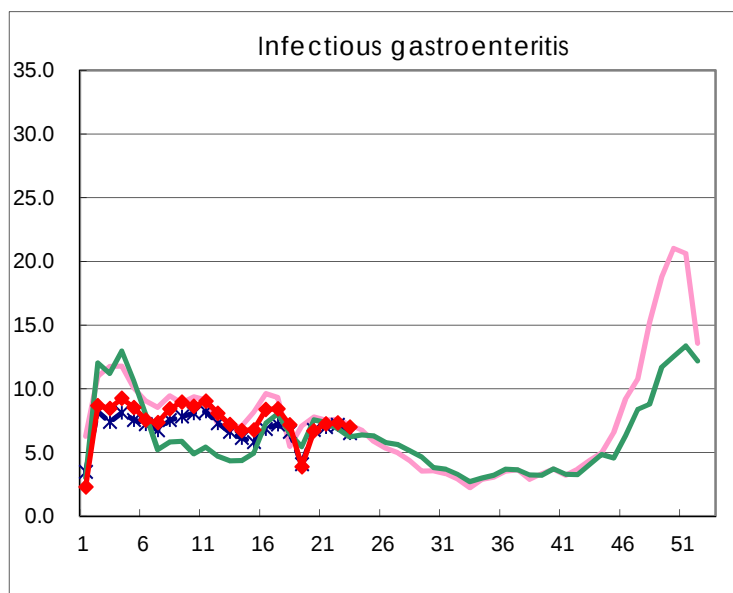
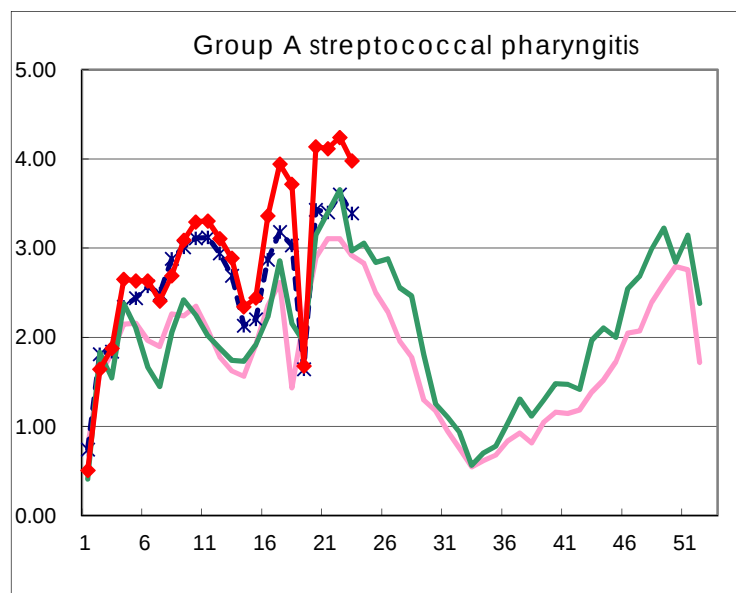
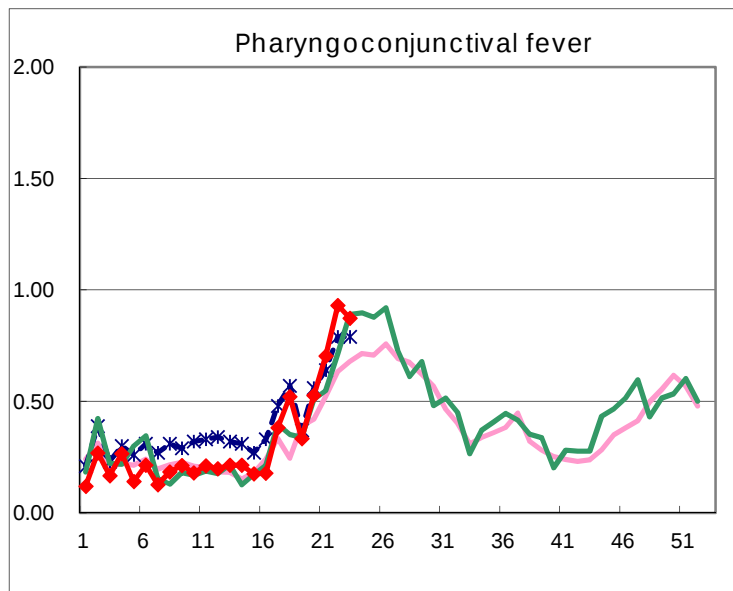
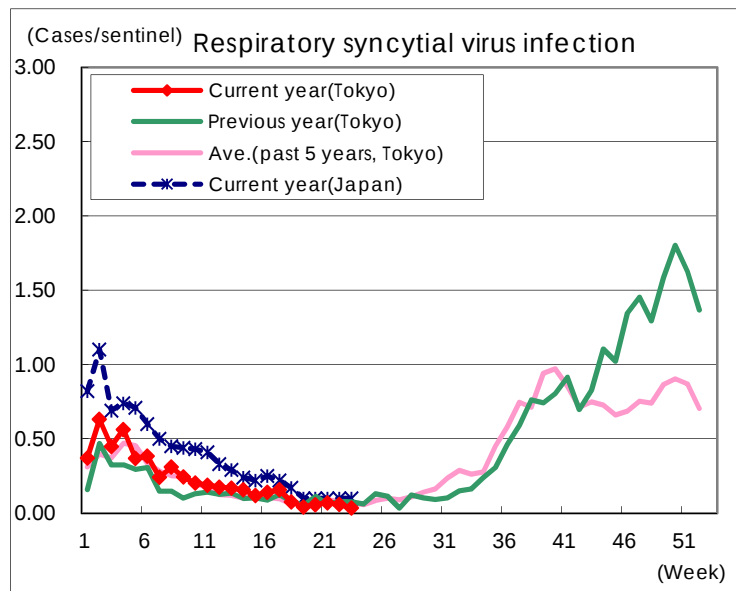
Category	Diseases	Tokyo					Japan	
		20th	21st	22nd	23rd	Cum 2015	23rd	Cum 2015
V	Amebiasis	4	2	5	6	80	17	449
	Viral hepatitis(excluding hepatitis A and E)	2	1	3	2	23	7	98
	CRE infection	3	6	2	2	65	18	544
	Acute encephalitis(excluding JE and WNE)	2	1	2		26	3	233
	Cryptosporidiosis					2	1	7
	Creutzfeldt-Jakob disease			1		10	2	74
	Severe invasive streptococcal infections(TSLS)	1	1	1		33	4	213
	Acquired immunodeficiency syndrome (AIDS)	7	11	10	10	181	18	575
	Giardiasis	2		1		8		34
	Invasive <i>Haemophilus influenzae</i> disease		1		1	12	3	110
	Invasive meningococcal disease		1	1		6	1	17
	Invasive pneumococcal disease	10	12	8	6	173	22	1,248
	Varicella (limited to hospitalized case)	2	2		3	19	7	123
	Congenital rubella syndrome							
	Syphilis	24	25	18	19	379	26	899
	Disseminated cryptococcosis				1	4		51
	Tetanus					1	5	42
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection			1		1		23
	Rubella	1				15	6	86
	Measles			1		7		21
	MDRA infection	1	1	1		4	1	14

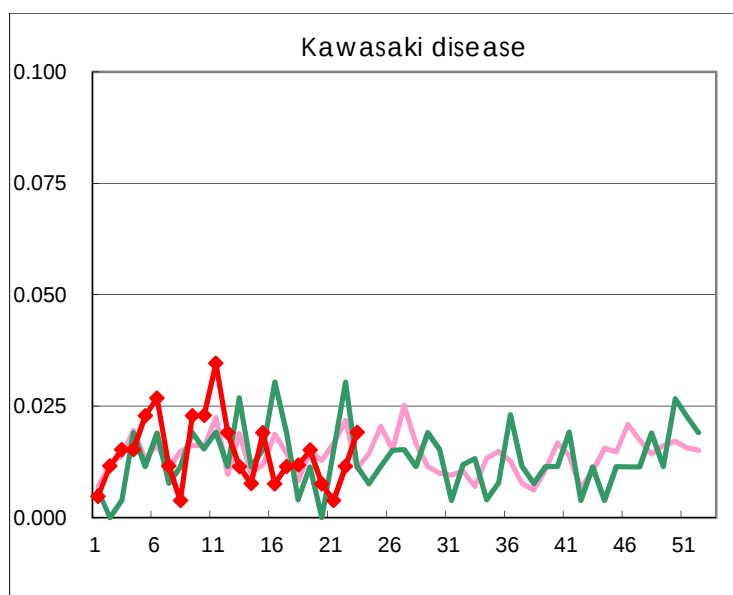
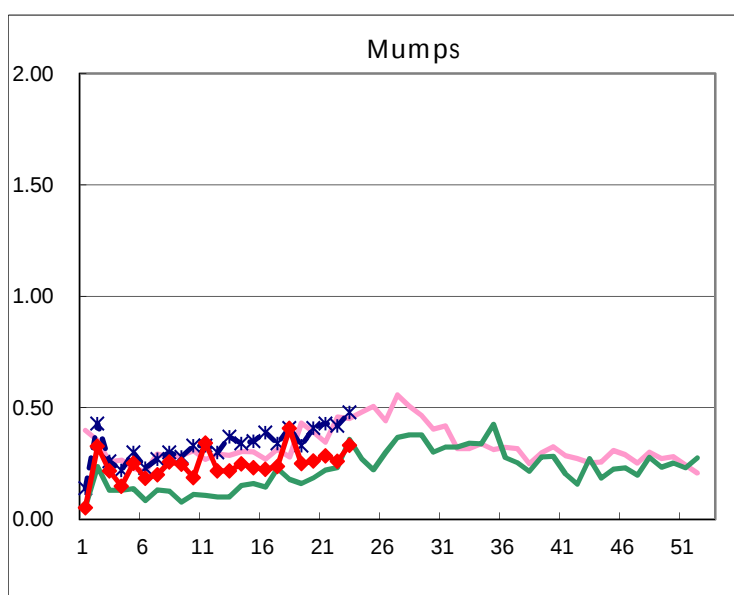
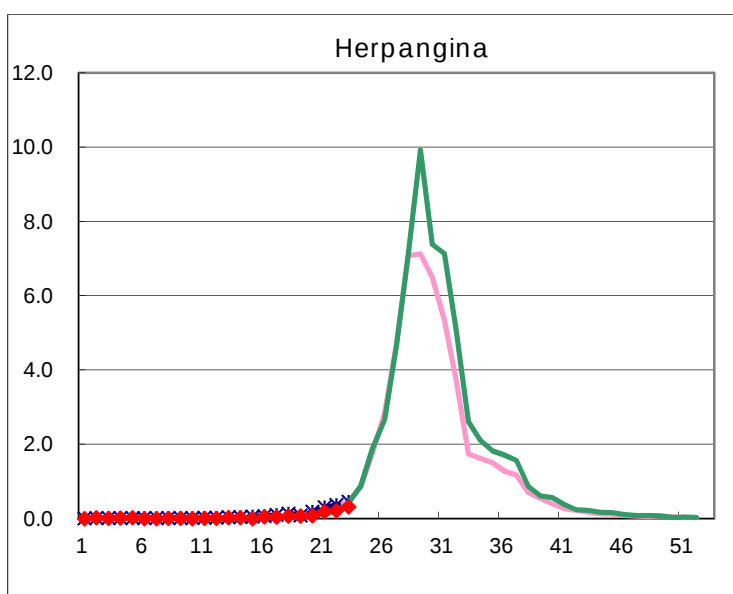
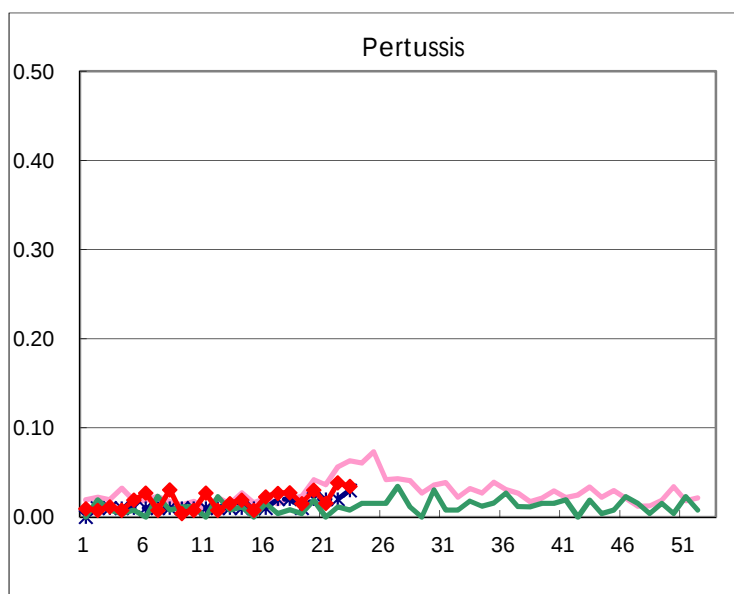
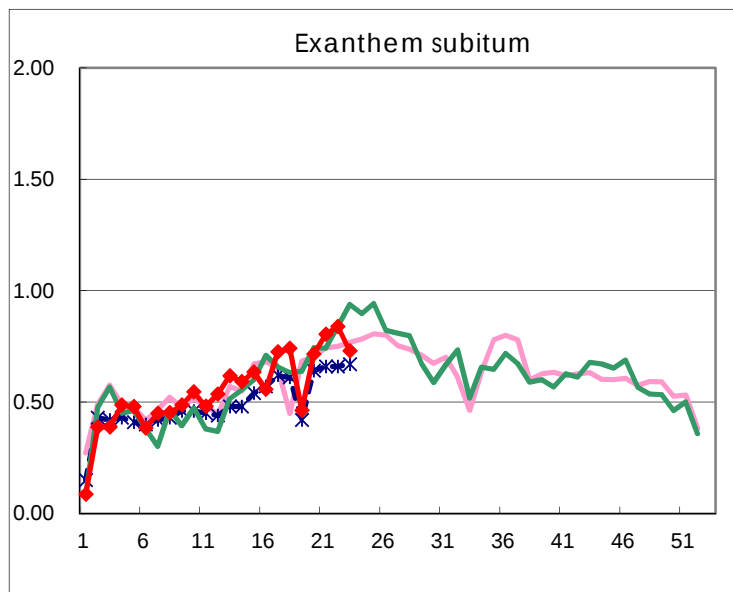
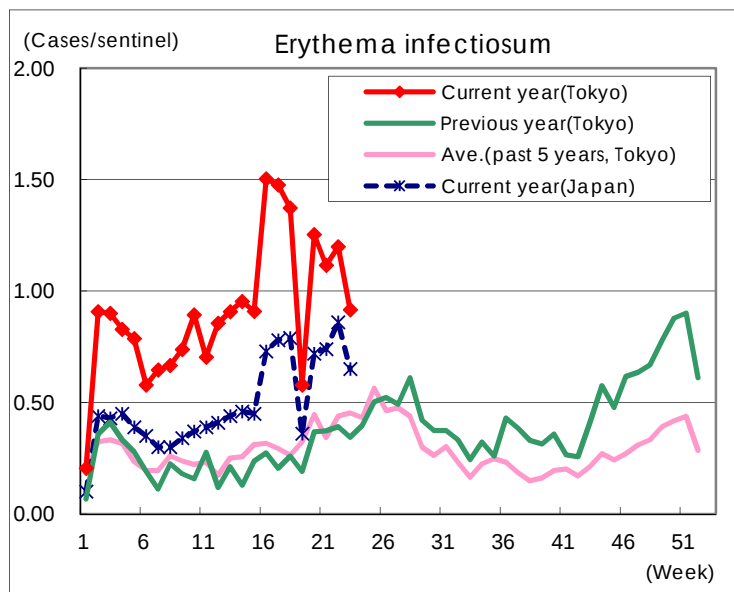
Number of patients with the diseases to be reported
by the designated clinics and hospitals

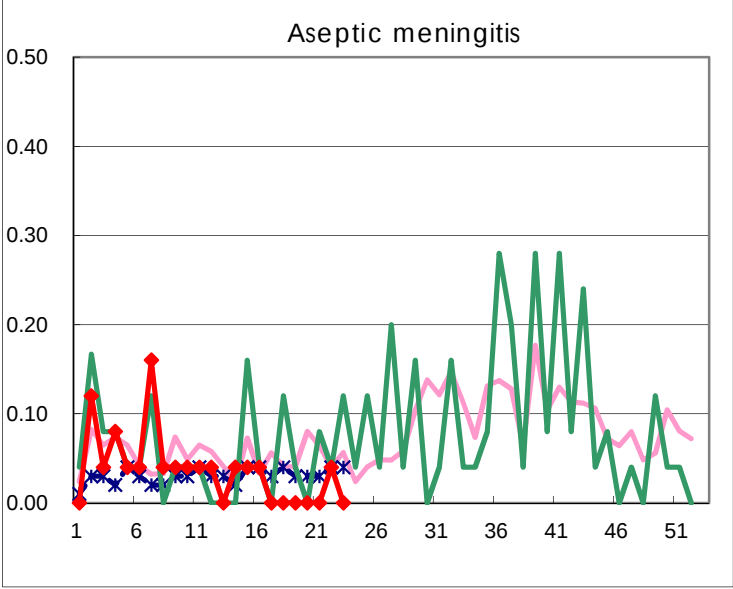
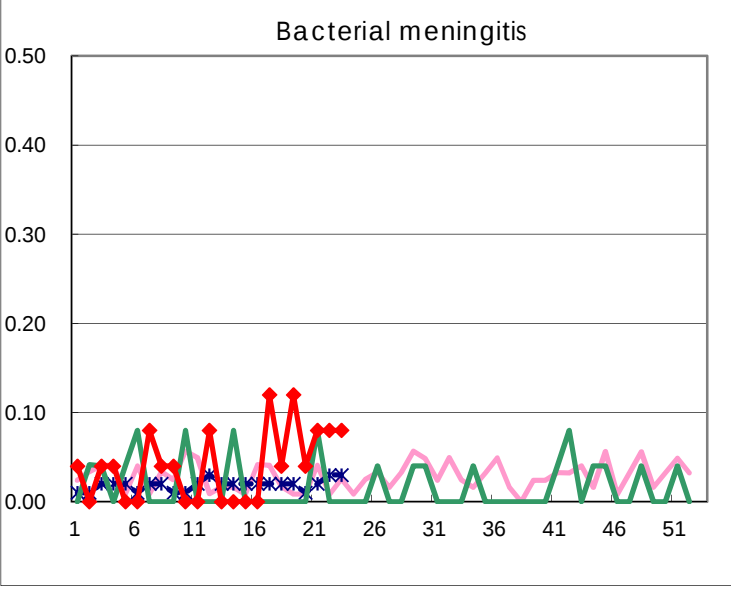
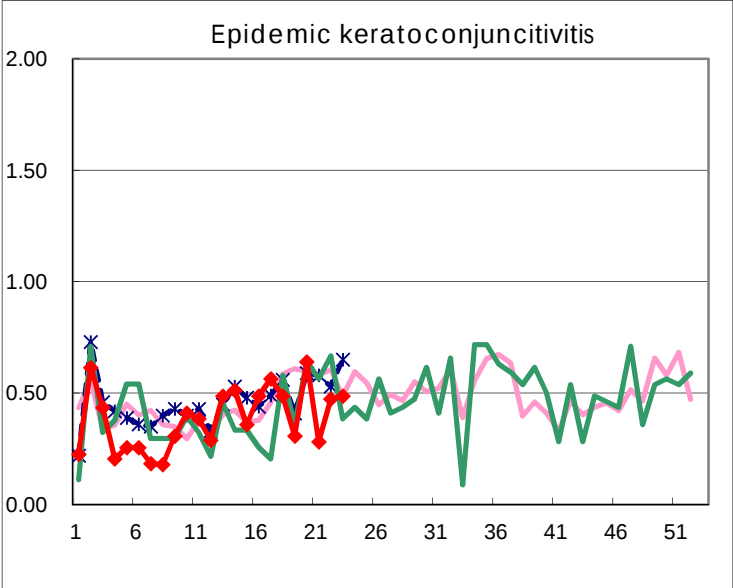
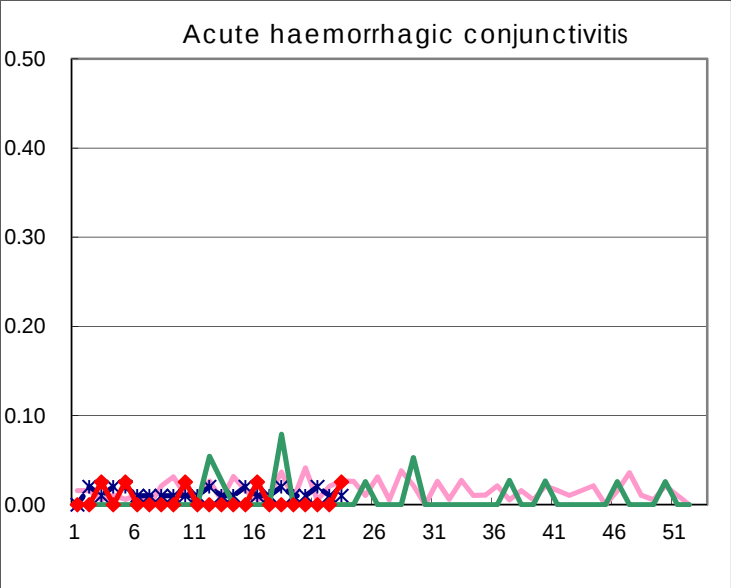
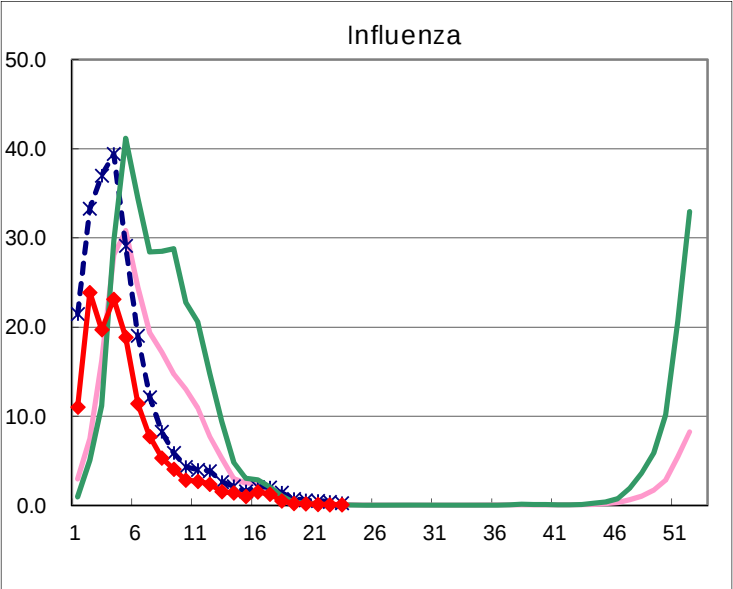
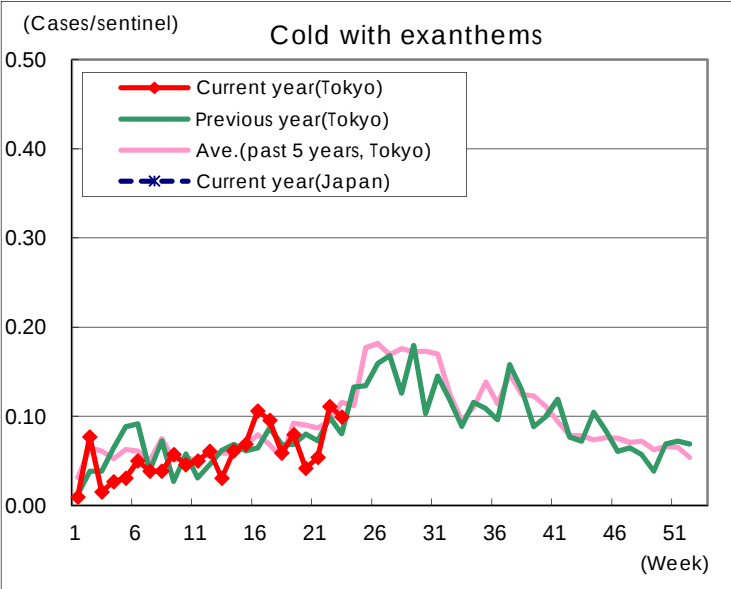
Diseases	Tokyo				
	20th	21st	22nd	23rd	/sentinel
Respiratory syncytial virus infection	15	18	15	9	0.03
Pharyngoconjunctival fever	139	183	243	229	0.87
Group A streptococcal pharyngitis	1,092	1,070	1,107	1,042	3.98
Infectious gastroenteritis	1,766	1,882	1,911	1,830	6.98
Chickenpox	154	127	171	173	0.66
Hand, foot, and mouth disease	85	148	270	351	1.34
Erythema infectiosum	331	290	313	240	0.92
Exanthem subitum	189	209	219	191	0.73
Pertussis	8	4	10	9	0.03
Herpangina	21	50	56	84	0.32
Mumps	69	74	68	87	0.33
Kawasaki disease	2	1	3	5	0.02
Cold with exanthems	11	14	29	26	0.10
Influenza	71	52	36	34	0.08
Acute hemorrhagic conjunctivitis				1	0.03
Epidemic keratoconjunctivitis	25	11	18	19	0.49
Bacterial meningitis	1	2	2	2	0.08
Aseptic meningitis			1		
Mycoplasma pneumonia	5	5	7	6	0.24
Chlamydial pneumonia (excluding psittacosis)			1		
Infectious gastroenteritis (only by Rotavirus)	2	4		2	0.08
Influenza-Associated Hospitalizations	1			2	0.08

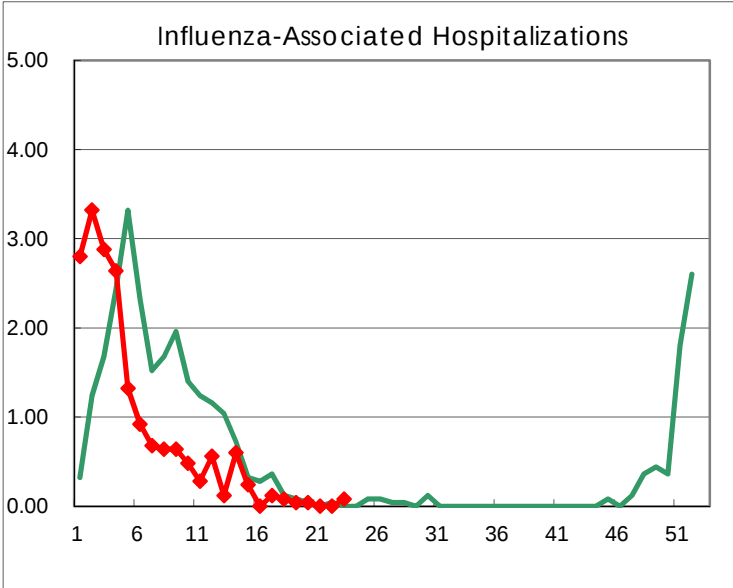
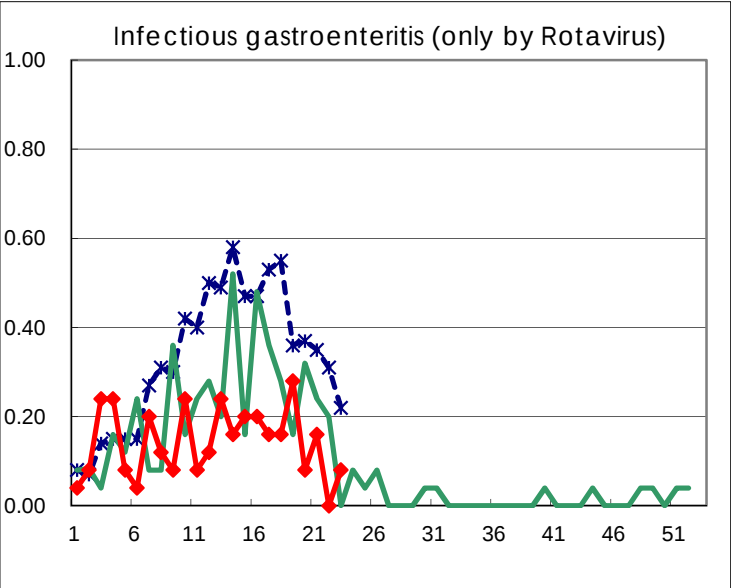
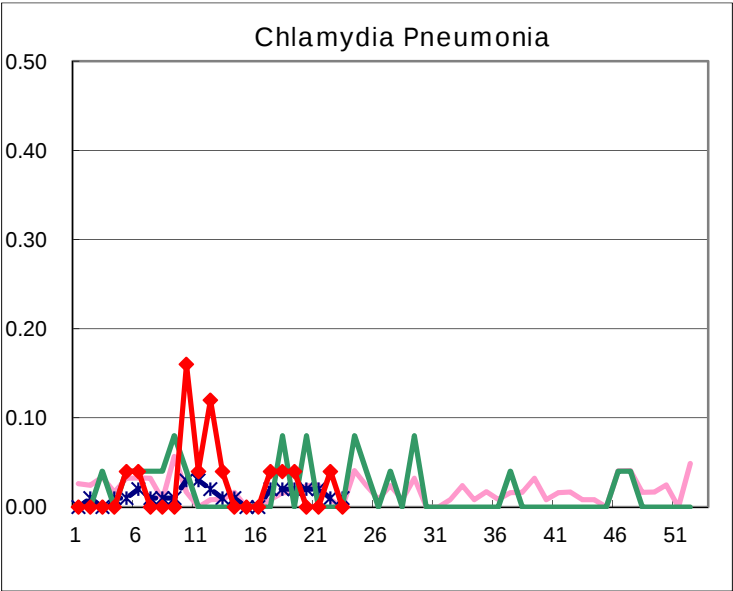
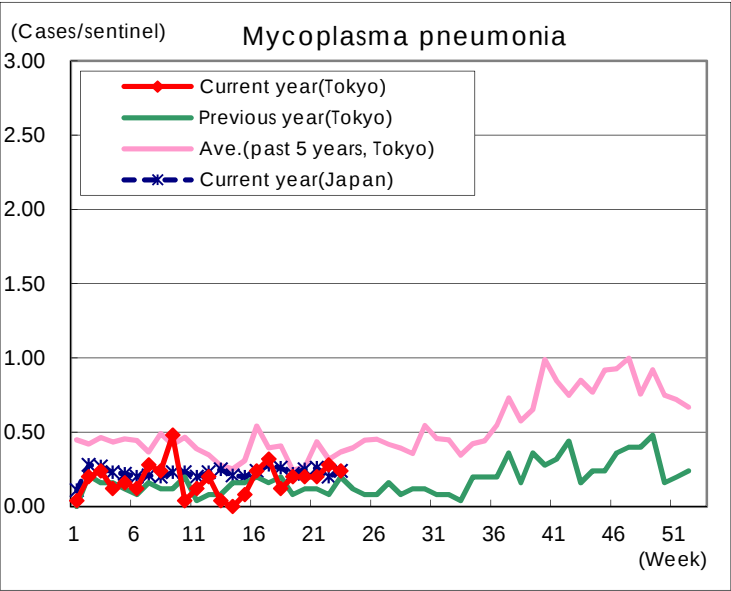
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Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	262
Influenza	419	413
Ophthalmic	39	39
Specially-designated	25	25