

20 August 2015 / Number 33

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	
		30th	31st	32nd	33rd	Cum 2015	33rd	Cum 2015
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	59	89	59	54	2,309	342	15,038
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
III	Avian influenza H7N9							
	Cholera							3
	Shigellosis		2	2		40	3	96
	Enterohemorrhagic Escherichia coli infection	13	19	14	19	220	137	2,039
	Typhoid fever		1			8		22
IV	Paratyphoid fever					5		23
	Hepatitis E	1	1			19	2	124
	West Nile fever							
	Hepatitis A	2				29	2	169
	Echinococcosis					1		8
	Yellow fever							
	Psittacosis							5
	Omsk hemorrhagic fever							
	Relapsing fever							3
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					1		2
	Monkeypox							
	Severe Fever with Thrombocytopenia Syndrome						3	40
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever					6		11
	Scrub typhus(Tsutsugamushi disease)					2	1	74
	Dengue fever			1	3	42	6	151
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						4	94
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis					2		4
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism							
	Malaria		2	1		11		24
	Tularemia							1
	Lyme disease					1		6
	Lyssavirus infection(excluding rabies)							
	Rift valley fever							
	Melioidosis							
	Legionellosis	5	3	1	3	74	23	924
	Leptospirosis					5		9
	Rocky mountain spotted fever							

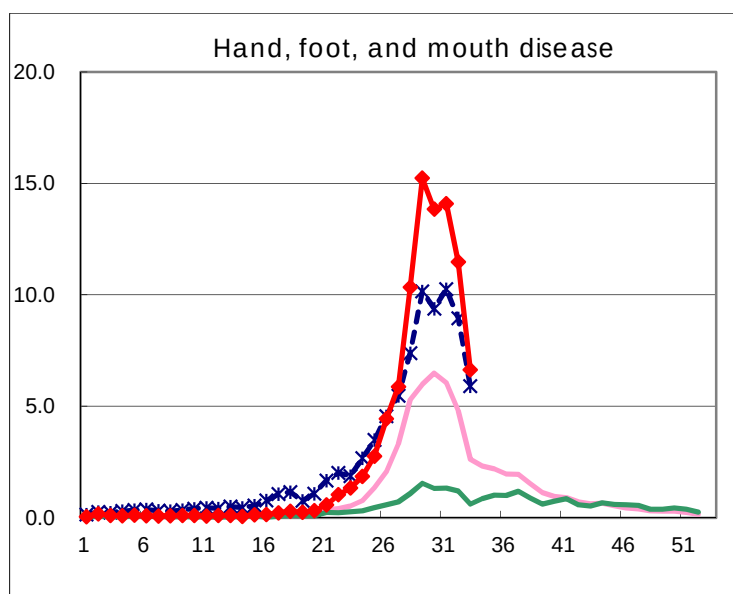
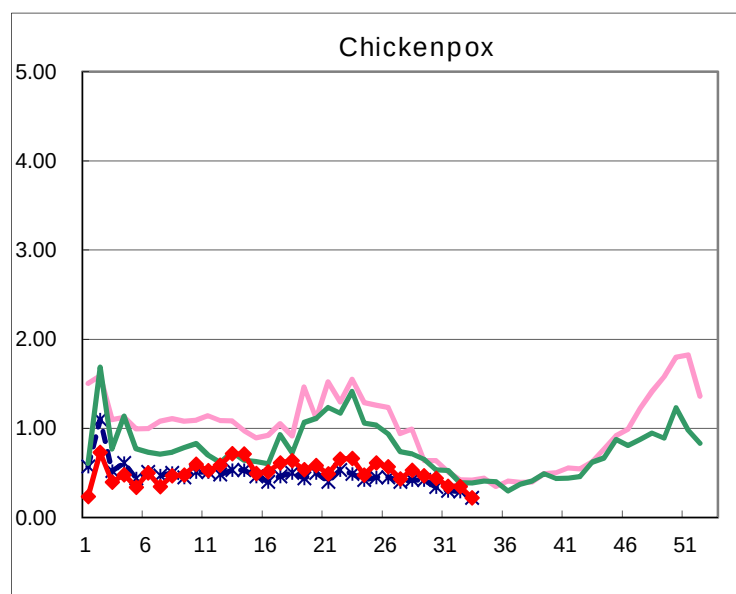
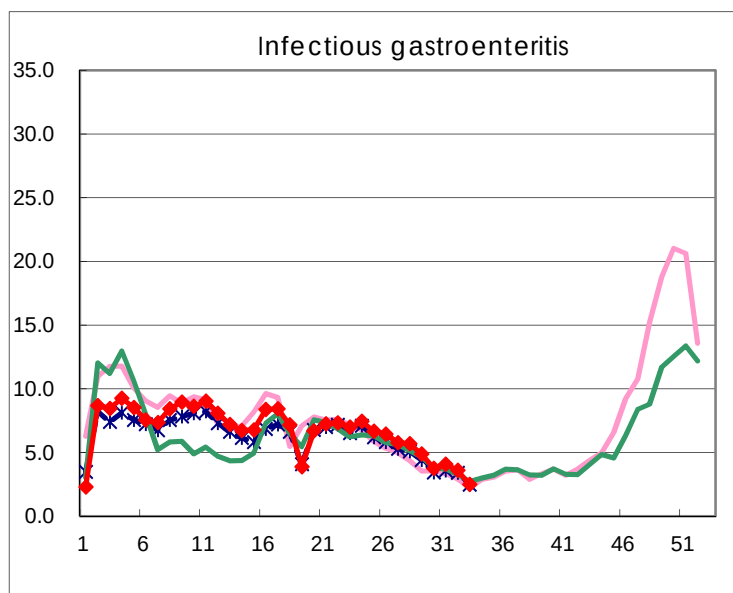
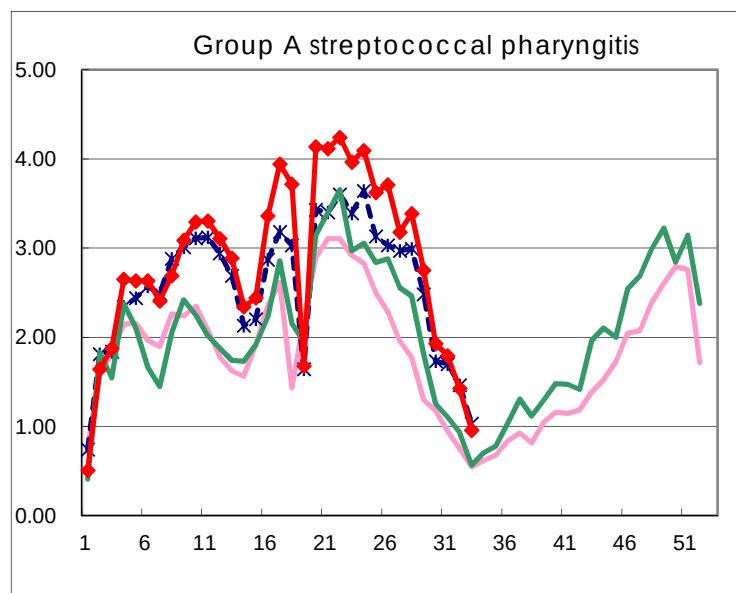
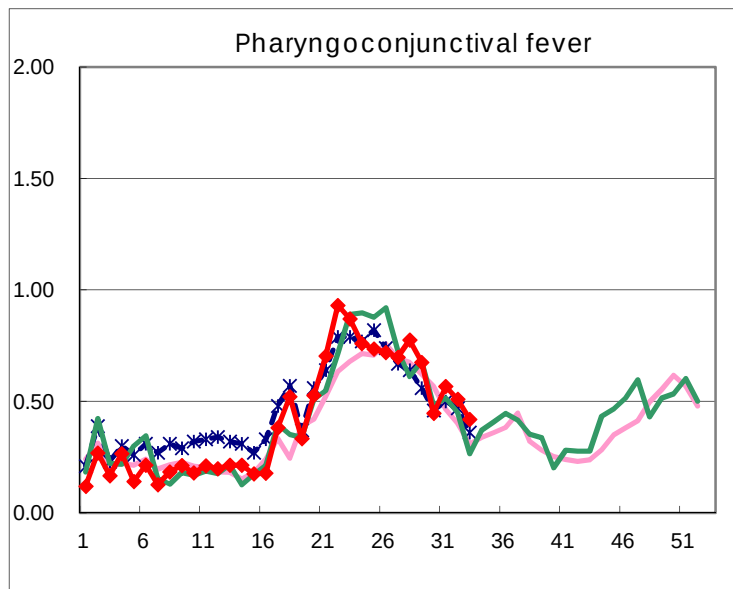
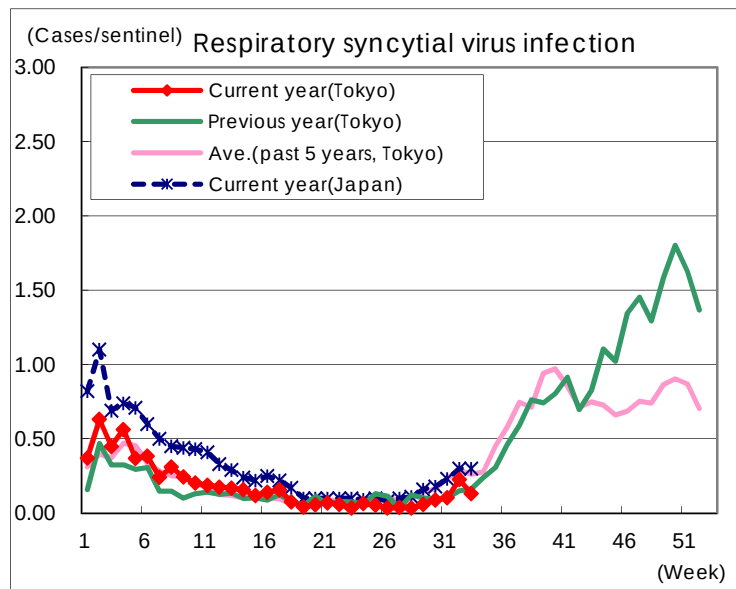
Category	Diseases	Tokyo					Japan	
		30th	31st	32nd	33rd	Cum 2015	33rd	Cum 2015
V	Amebiasis	3		4	5	127	19	686
	Viral hepatitis(excluding hepatitis A and E)	1			1	32	4	156
	CRE infection	7	5	4	11	125	32	895
	Acute encephalitis(excluding JE and WNE)	2			2	32	3	329
	Cryptosporidiosis					3		9
	Creutzfeldt-Jakob disease			1		17	1	109
	Severe invasive streptococcal infections(TSLS)	1	4		2	45	3	284
	Acquired immunodeficiency syndrome (AIDS)	6	7	10	7	262	14	887
	Giardiasis					13	3	46
	Invasive <i>Haemophilus influenzae</i> disease			1		16	2	158
	Invasive meningococcal disease	1				7		22
	Invasive pneumococcal disease	4	4	2	1	212	15	1,548
	Varicella (limited to hospitalized case)	1	1	2		32	4	201
	Congenital rubella syndrome							
	Syphilis	14	21	23	22	597	32	1,447
	Disseminated cryptococcosis	1				8	1	71
	Tetanus					1	1	68
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection					1		37
	Rubella		3		1	25	4	120
	Measles					9		27
	MDRA infection					5	1	22

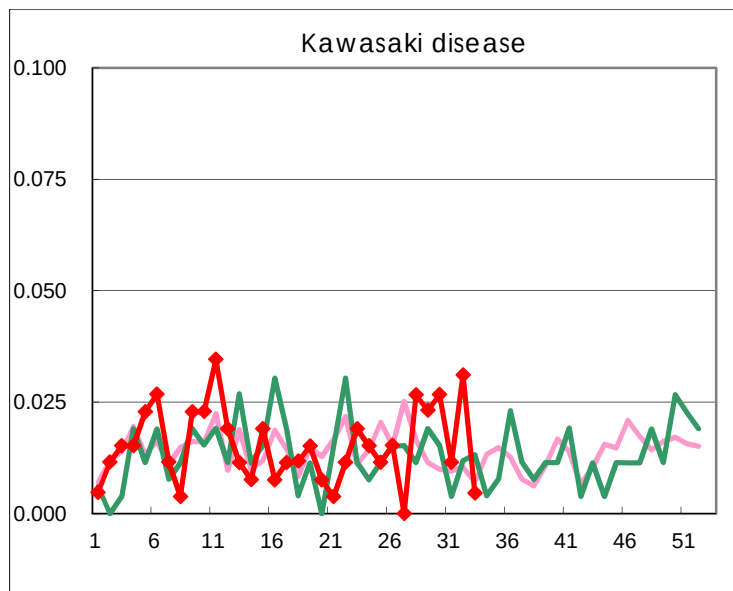
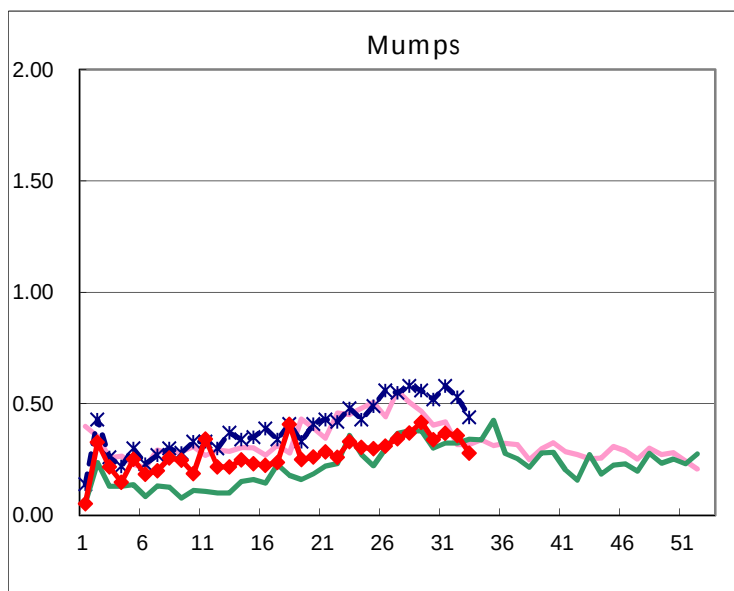
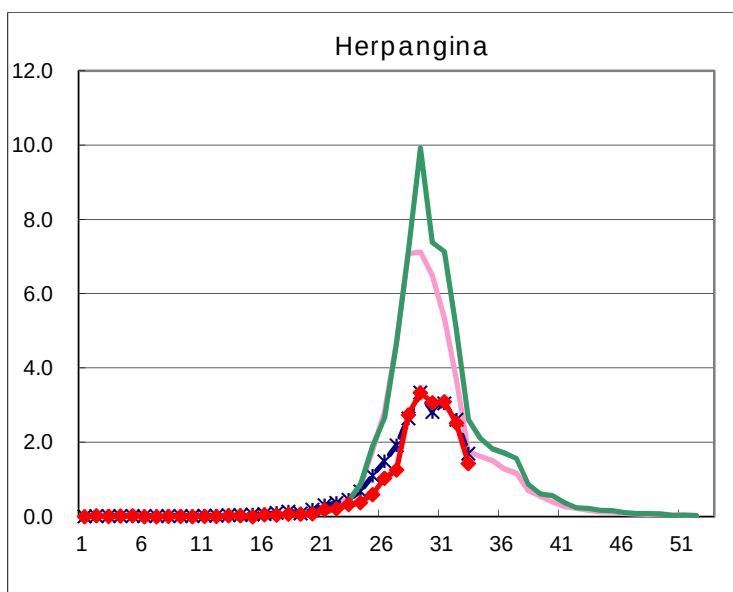
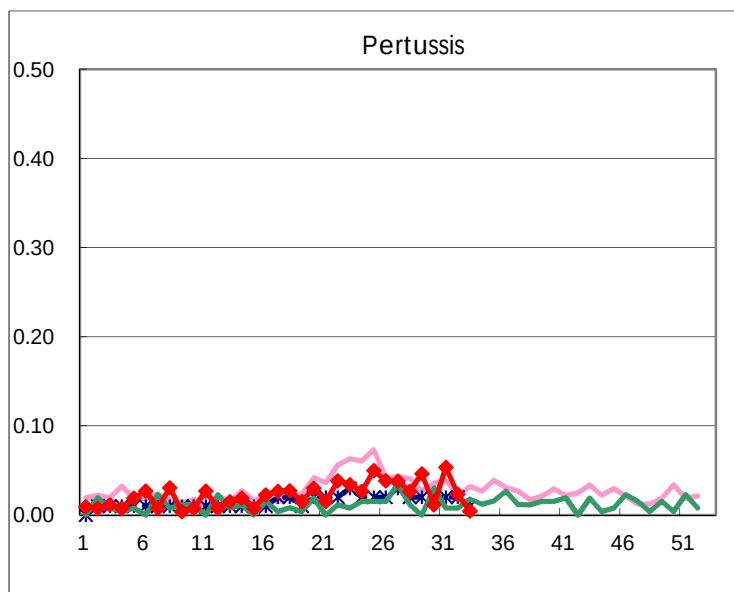
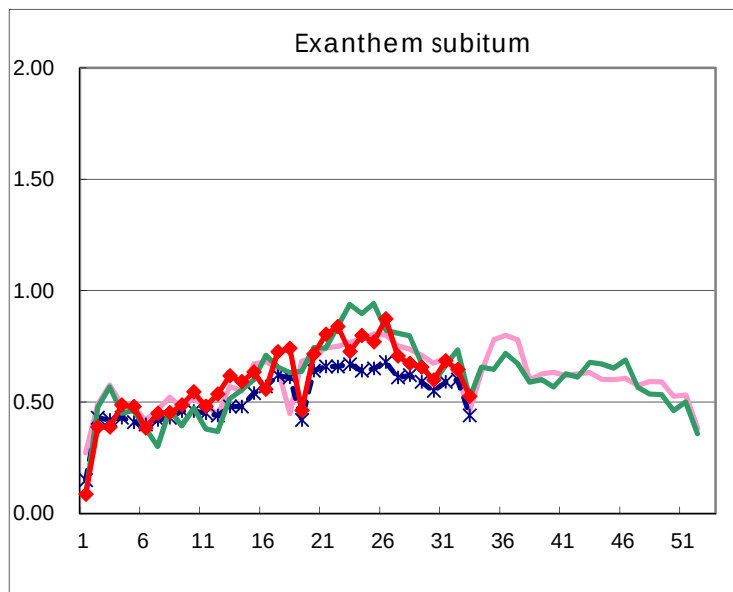
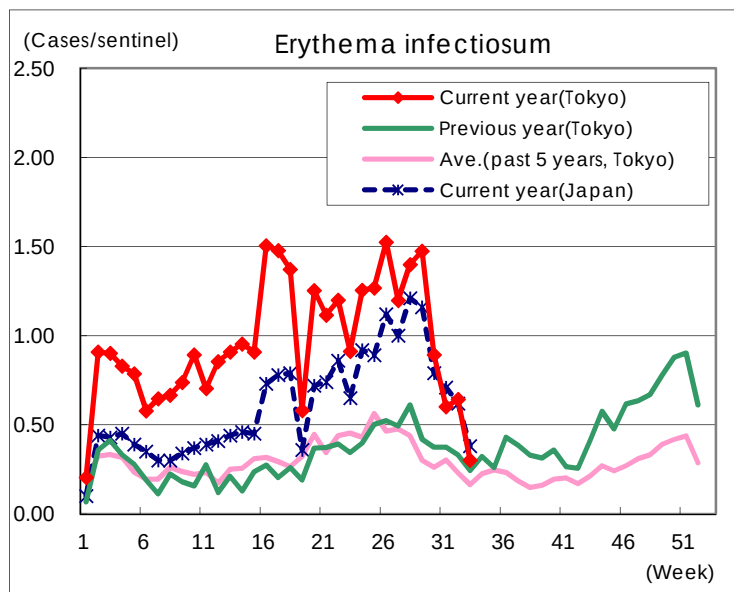
Number of patients with the diseases to be reported
by the designated clinics and hospitals

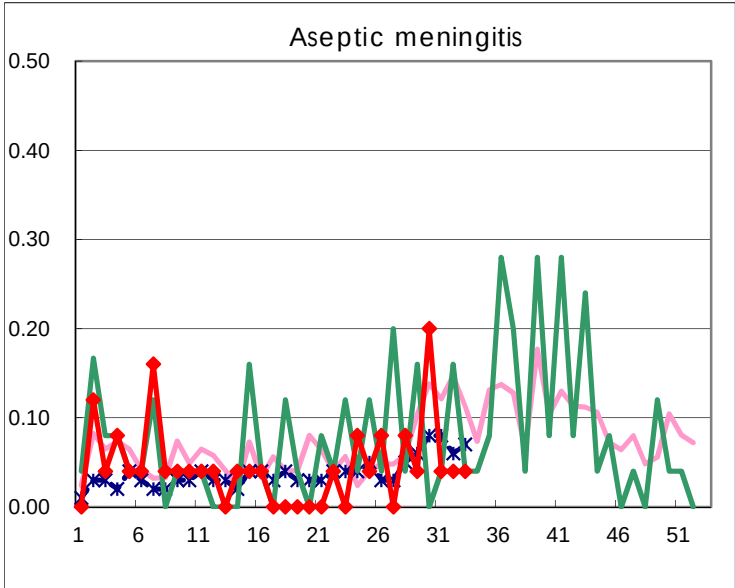
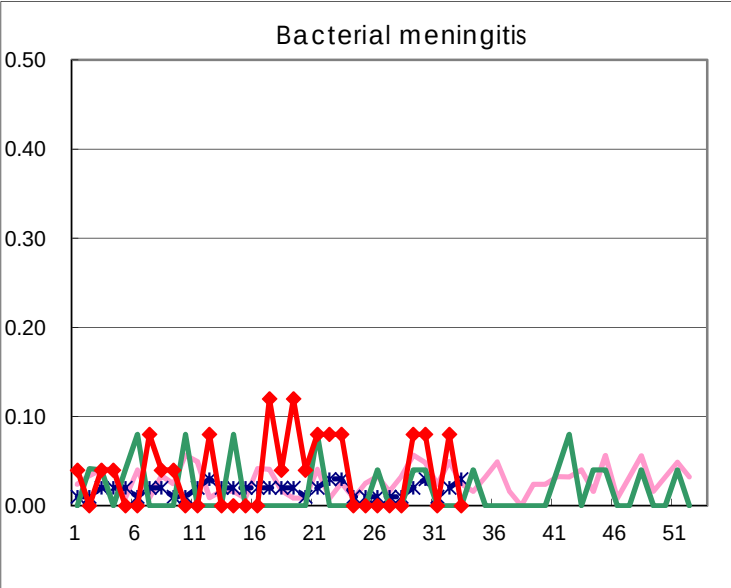
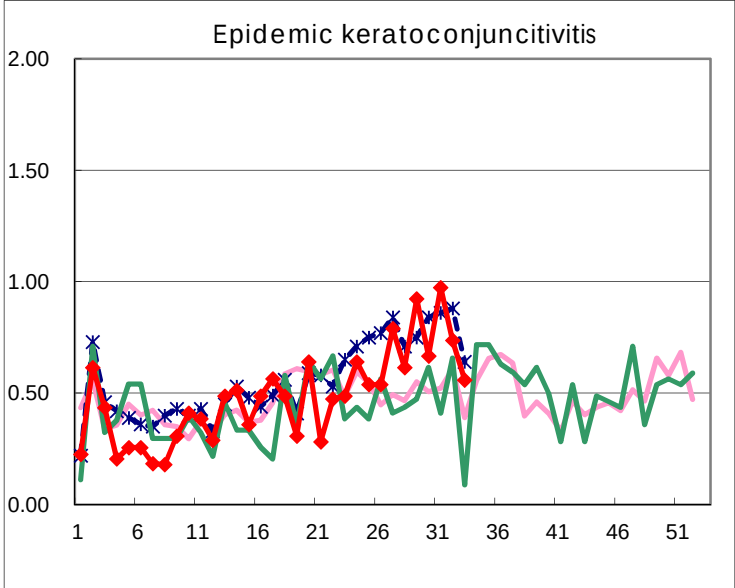
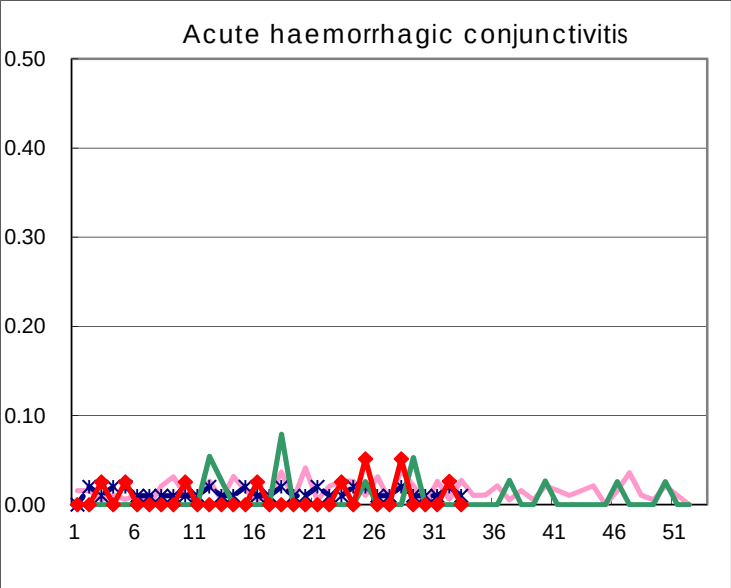
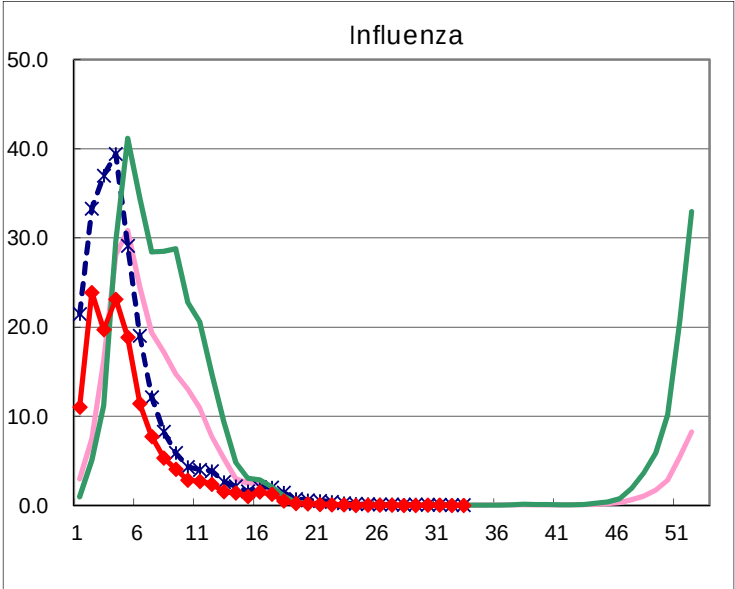
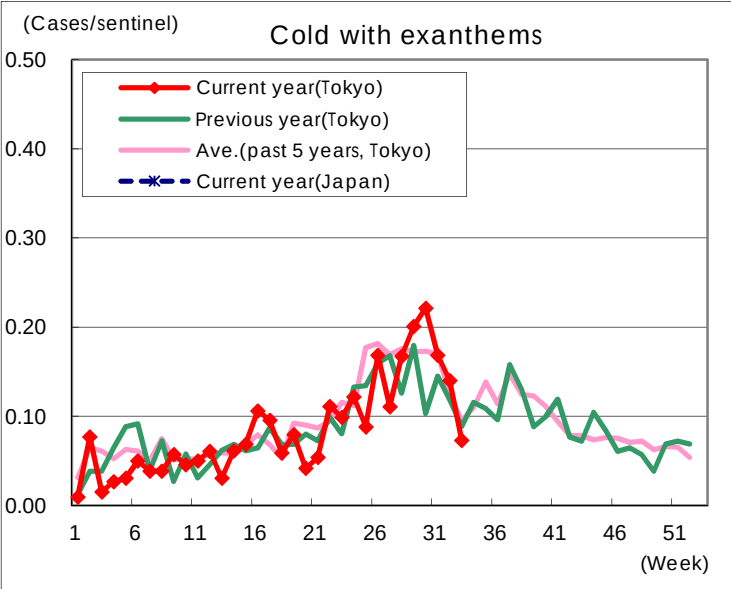
Diseases	Tokyo				
	30th	31st	32nd	33rd	/sentinel
Respiratory syncytial virus infection	23	27	58	29	0.13
Pharyngoconjunctival fever	117	148	131	92	0.42
Group A streptococcal pharyngitis	505	468	366	209	0.95
Infectious gastroenteritis	982	1,065	924	545	2.49
Chickenpox	115	91	89	48	0.22
Hand, foot, and mouth disease	3,626	3,678	2,948	1,453	6.63
Erythema infectiosum	234	157	165	66	0.30
Exanthem subitum	157	179	166	115	0.53
Pertussis	3	14	6	1	
Herpangina	805	807	646	314	1.43
Mumps	89	96	92	61	0.28
Kawasaki disease	7	3	8	1	
Cold with exanthems	58	44	36	16	0.07
Influenza	10	11	3	4	0.01
Acute hemorrhagic conjunctivitis			1		
Epidemic keratoconjunctivitis	26	38	28	19	0.56
Bacterial meningitis	2		2		
Aseptic meningitis	5	1	1	1	0.04
<i>Mycoplasma pneumonia</i>	8	12	9	21	0.84
<i>Chlamydial pneumonia</i> (excluding psittacosis)		2	1	1	0.04
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations	1			1	0.04

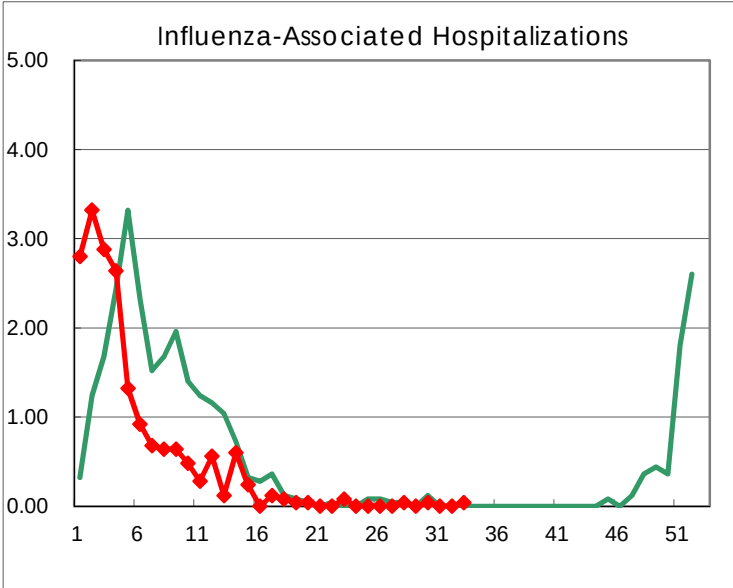
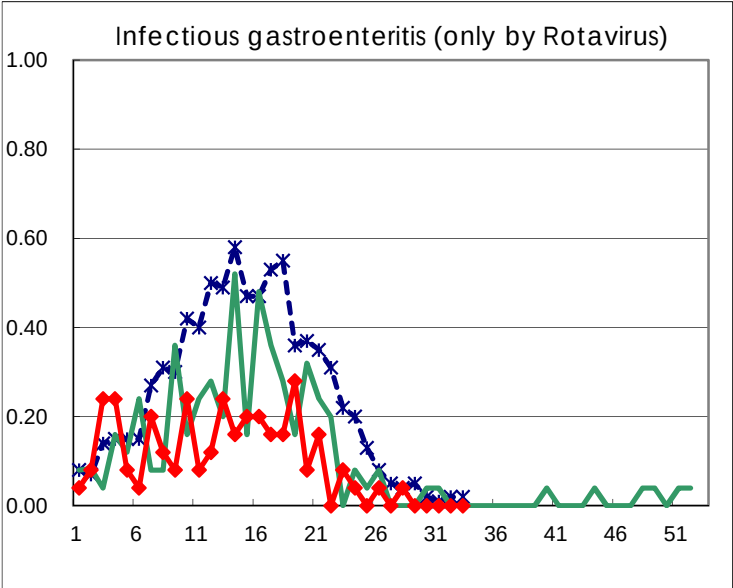
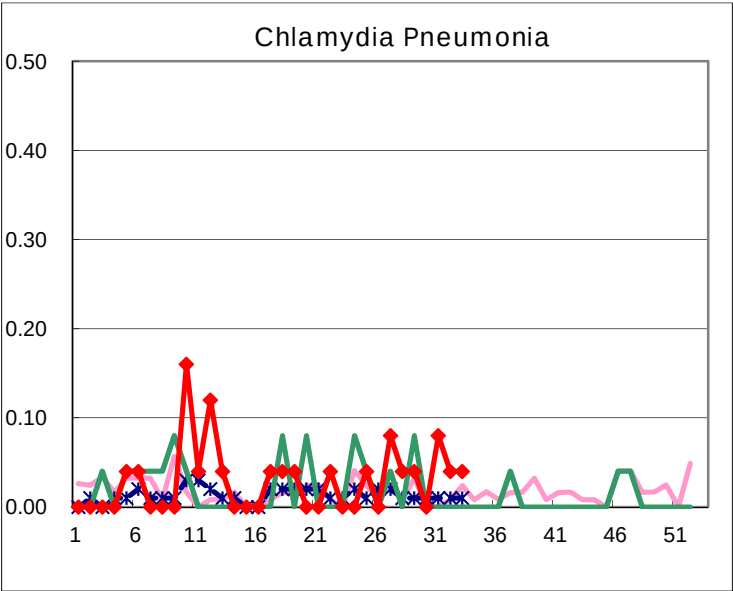
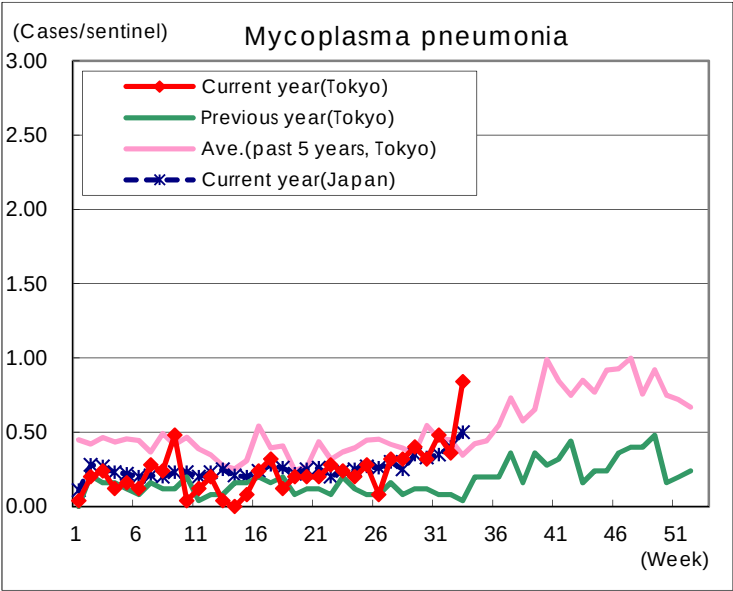
(Blank means 0.)

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	219
Influenza	419	359
Ophthalmic	39	34
Specially- designated	25	25