

25 August 2016 / 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 2016	33rd	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	84	55	52	53	2,314	345	15,081
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
III	Avian influenza H7N9							
	Cholera							3
	Shigellosis		2	3	3	30	5	88
	Enterohemorrhagic Escherichia coli infection	15	11	19	16	232	238	1,880
	Typhoid fever		1			15	1	31
IV	Paratyphoid fever					5	1	10
	Hepatitis E				2	30	6	272
	West Nile fever							
	Hepatitis A		3	1		53		204
	Echinococcosis							13
	Yellow fever							
	Psittacosis					1		4
	Omsk hemorrhagic fever							
	Relapsing fever							5
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					2		2
	Monkeypox							
	Zika virus infection							7
	Severe Fever with Thrombocytopenia Syndrome							38
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							1
	Anthrax							
	Chikungunya fever					3		6
	Scrub typhus(Tsutsugamushi disease)							89
	Dengue fever	3			1	52	9	209
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						7	118
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis		1			1		1
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism					1		3
	Malaria	3			1	12	1	32
	Tularemia							
	Lyme disease							5
	Lyssavirus infection(excluding rabies)							
	Rift valley fever							
	Melioidosis							
	Legionellosis	7	2	3	3	75	21	874
	Leptospirosis		1			1	3	12
	Rocky mountain spotted fever							

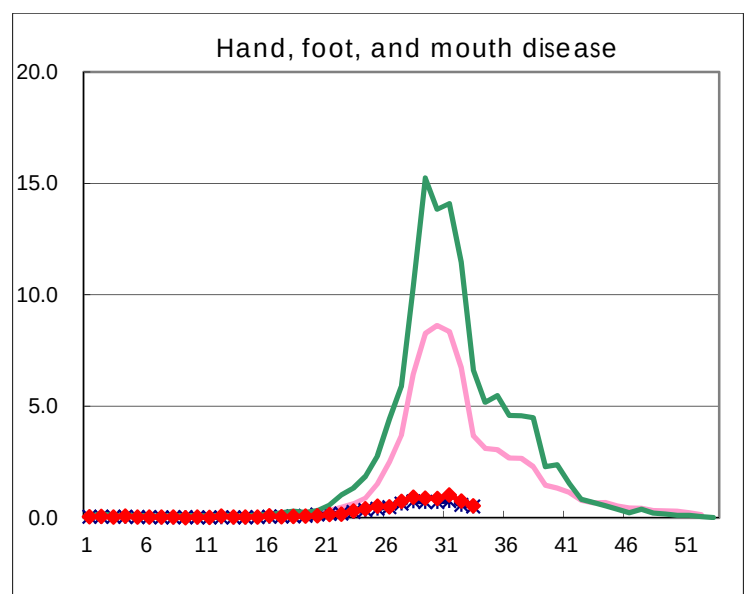
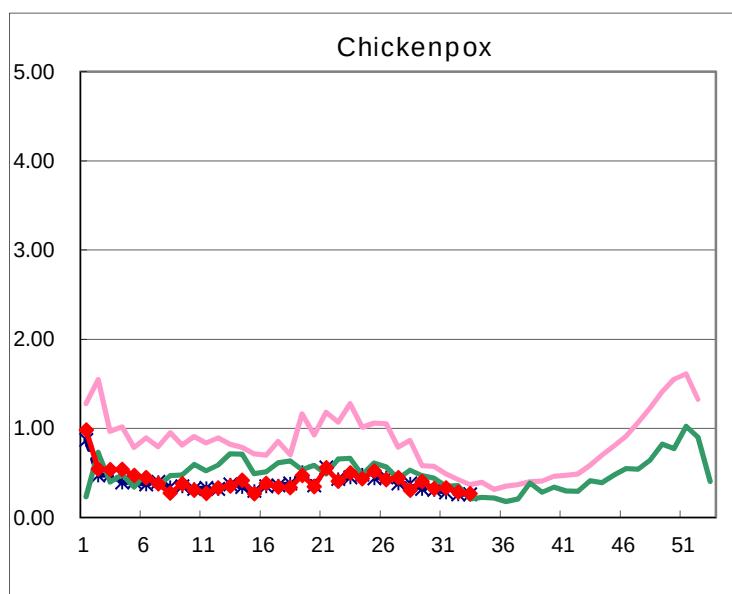
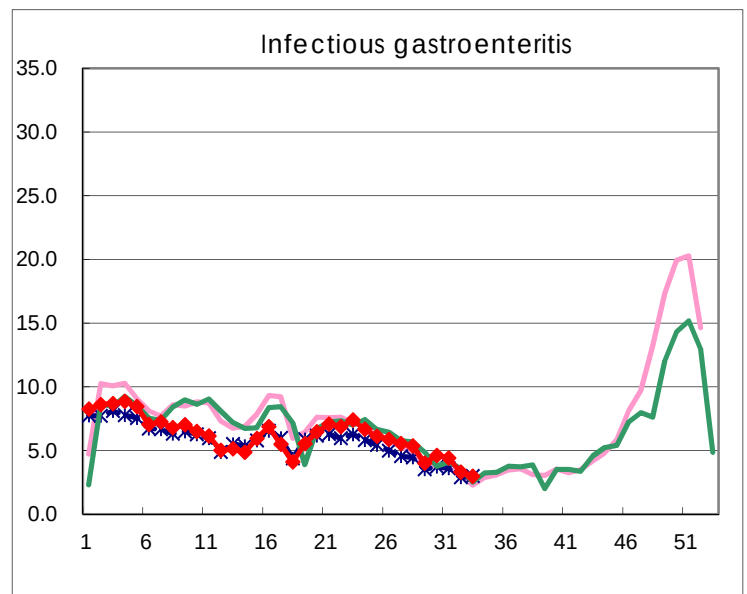
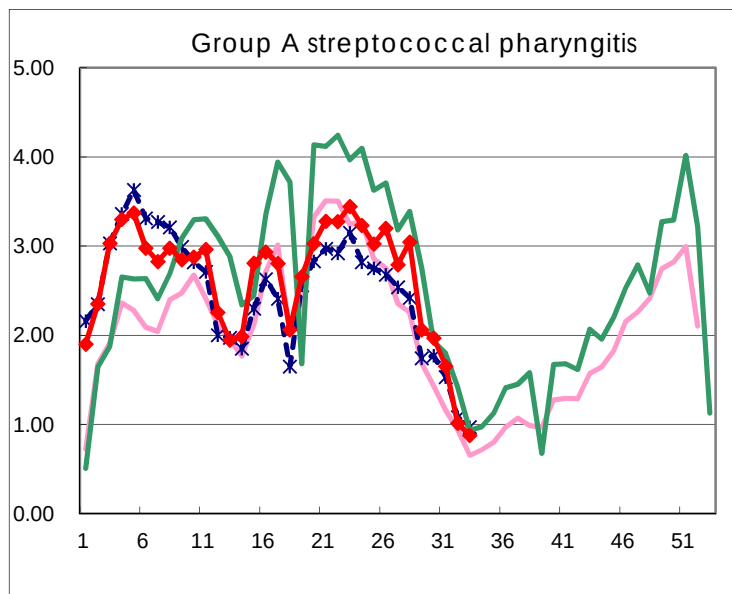
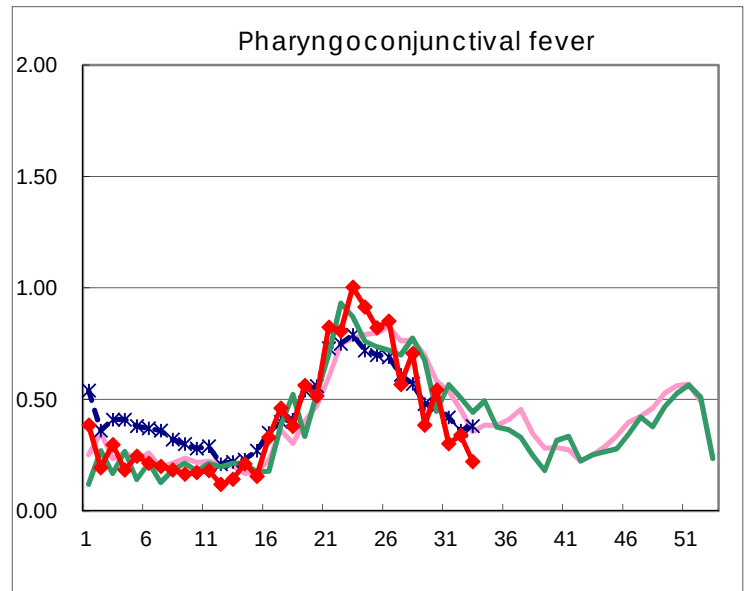
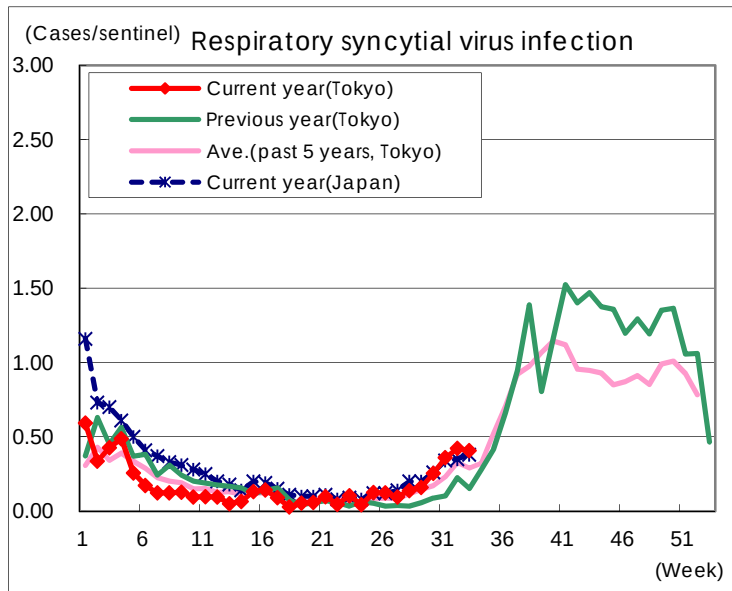
Category	Diseases	Tokyo					Japan	
		30th	31st	32nd	33rd	Cum 2016	33rd	Cum 2016
V	Amebiasis	3	4		8	146	22	734
	Viral hepatitis(excluding hepatitis A and E)	2	3	2		44	2	165
	CRE infection	1	6	4	8	119	20	886
	Acute encephalitis(excluding JE and WNE)	3	1	2	1	70	7	544
	Cryptosporidiosis							6
	Creutzfeldt-Jakob disease	1				11	3	114
	Severe invasive streptococcal infections(TSLS)	1	2		1	43	8	334
	Acquired immunodeficiency syndrome (AIDS)	10	13	9	11	305	18	897
	Giardiasis	1	1	1		12	1	42
	Invasive <i>Haemophilus influenzae</i> disease	2	1	2	1	34	1	213
	Invasive meningococcal disease					3		28
	Invasive pneumococcal disease	7	6	3	5	243	26	1,795
	Varicella (limited to hospitalized case)	1	1		1	35	4	189
	Congenital rubella syndrome							
	Syphilis	41	41	33	38	1,079	47	2,674
	Disseminated cryptococcosis					10	2	80
	Tetanus					3	1	73
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection						2	32
	Rubella					12		92
	Measles				1	6	13	32
	MDRA infection					1		23

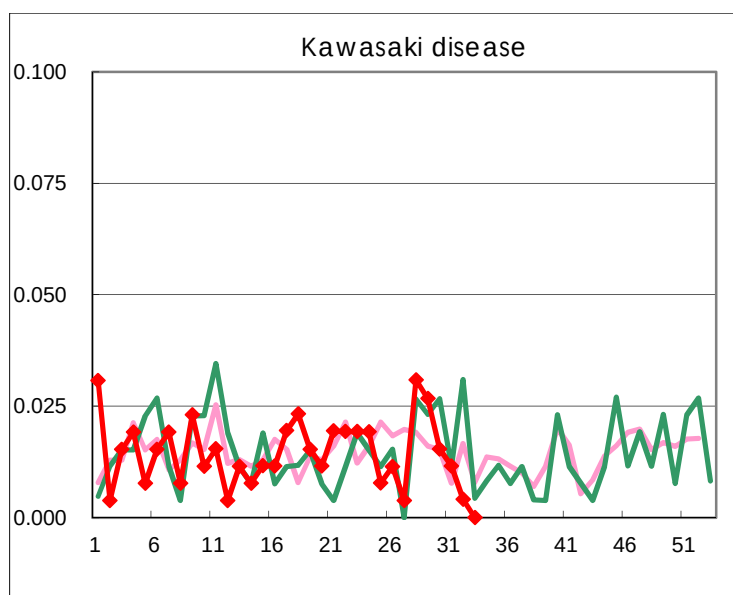
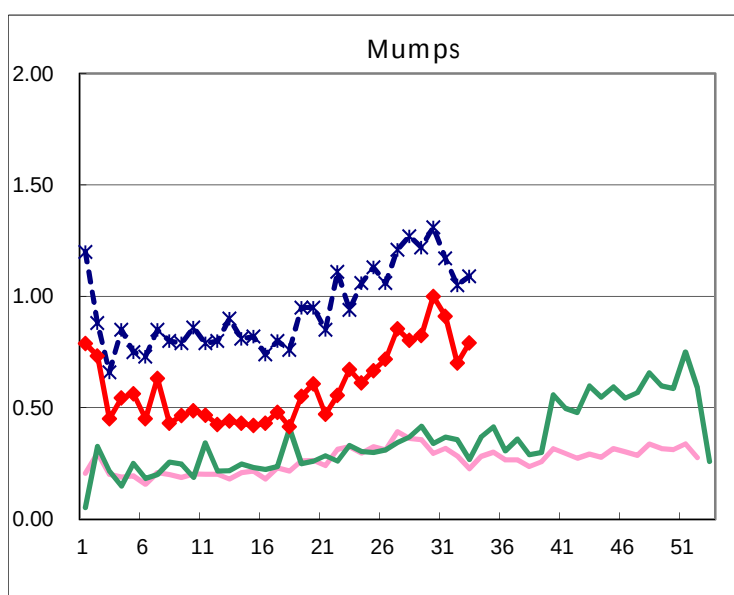
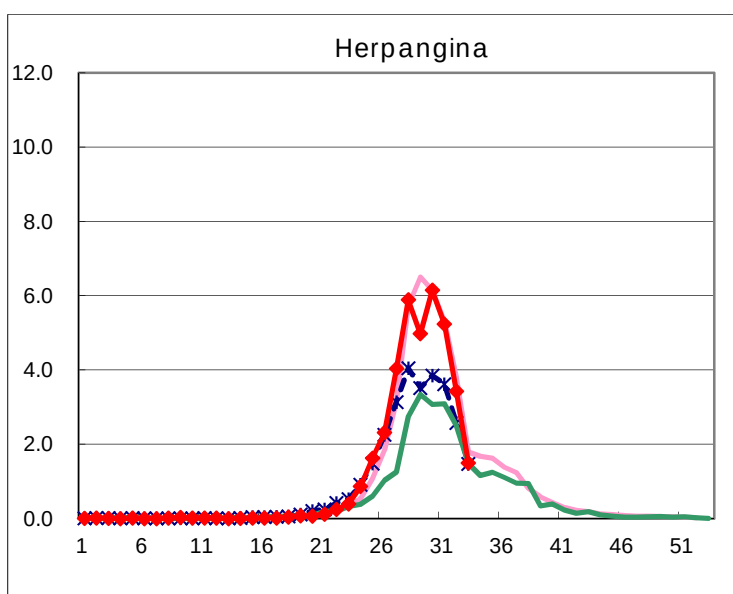
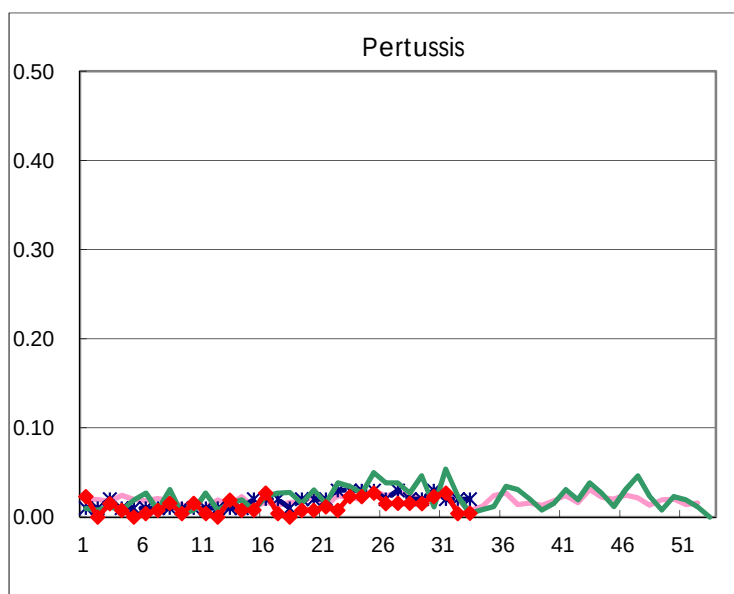
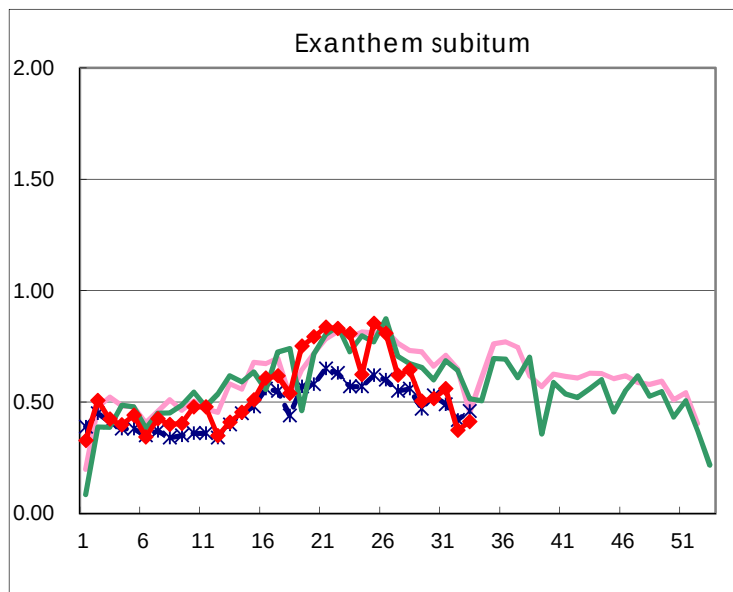
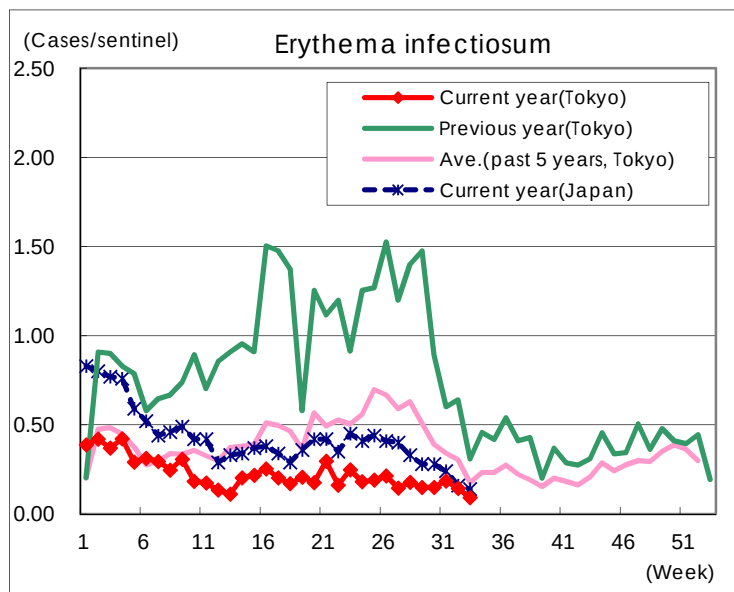
Number of patients with the diseases to be reported
by the designated clinics and hospitals

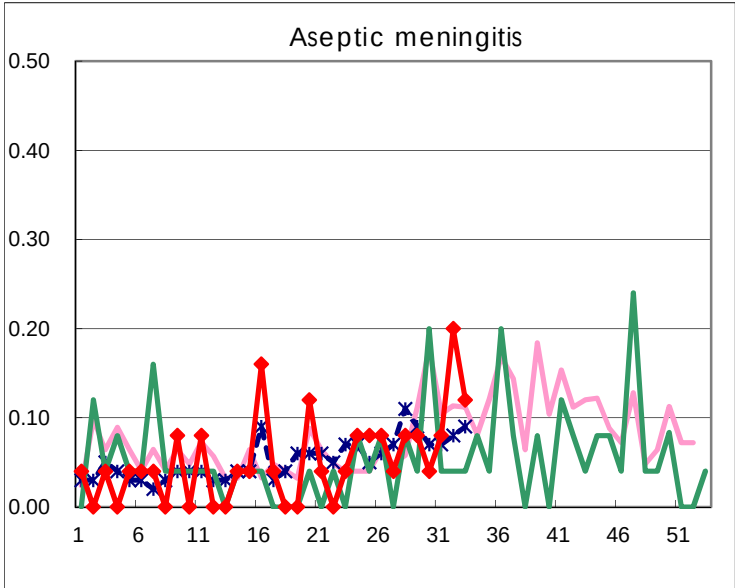
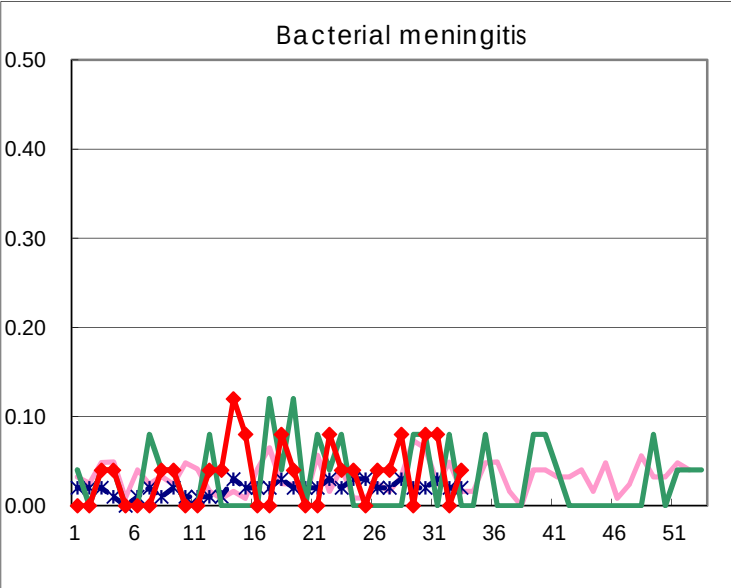
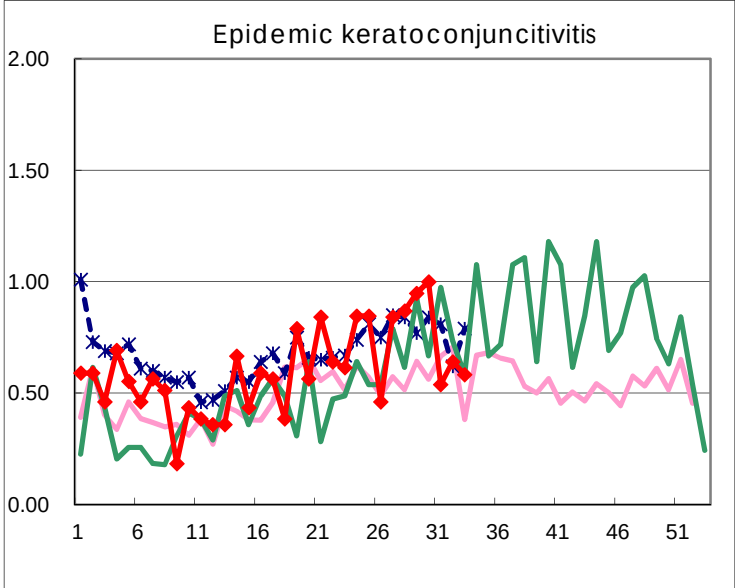
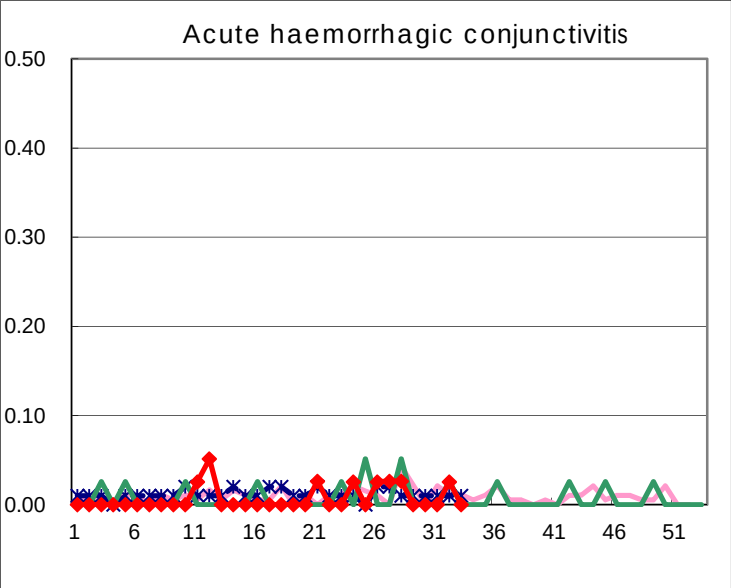
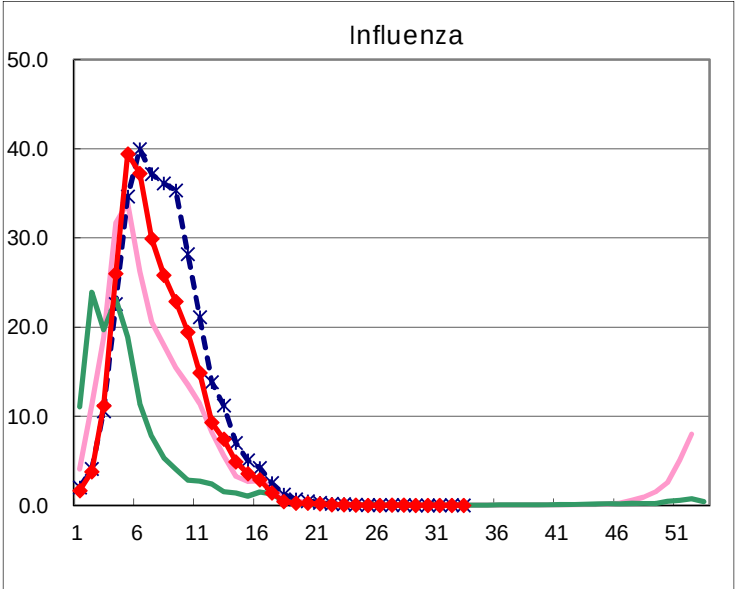
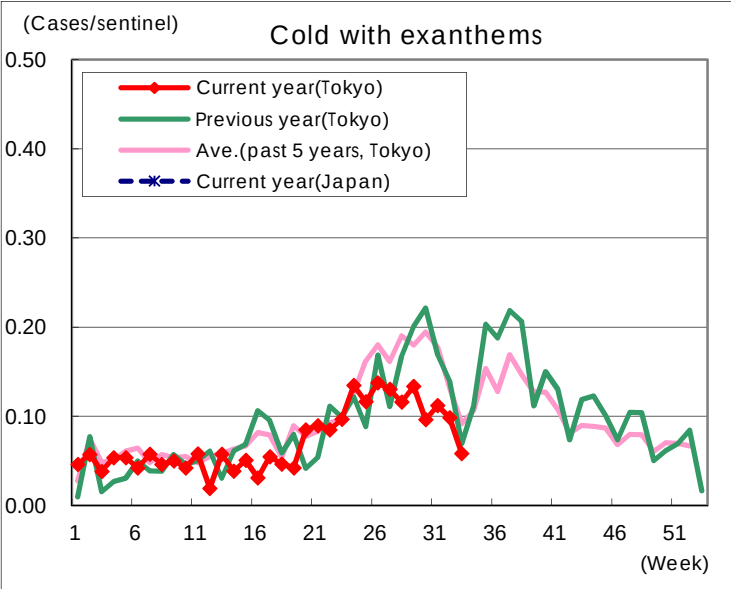
Diseases	Tokyo				
	30th	31st	32nd	33rd	/sentinel
Respiratory syncytial virus infection	66	93	103	98	0.41
Pharyngoconjunctival fever	141	78	83	53	0.22
Group A streptococcal pharyngitis	512	428	247	210	0.88
Infectious gastroenteritis	1,197	1,142	802	712	2.97
Chickenpox	84	86	69	64	0.27
Hand, foot, and mouth disease	225	263	184	127	0.53
Erythema infectiosum	39	48	35	22	0.09
Exanthem subitum	134	145	91	99	0.41
Pertussis	6	7	1	1	
Herpangina	1,599	1,358	838	359	1.50
Mumps	260	236	171	190	0.79
Kawasaki disease	4	3	1		
Cold with exanthems	25	29	24	14	0.06
Influenza	5	5	6	4	0.01
Acute hemorrhagic conjunctivitis			1		
Epidemic keratoconjunctivitis	39	21	25	21	0.58
Bacterial meningitis	2	2		1	0.04
Aseptic meningitis	1	2	5	3	0.12
Mycoplasma pneumonia	22	23	23	26	1.04
Chlamydial pneumonia (excluding psittacosis)	2			1	0.04
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations			1		

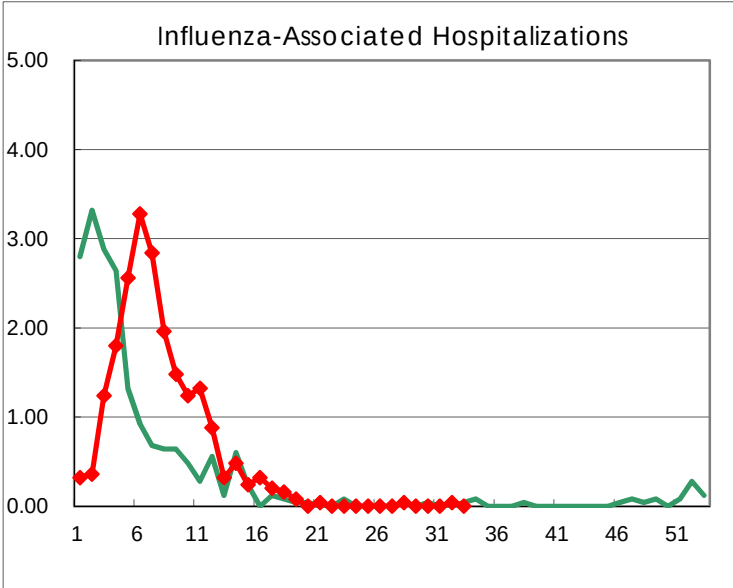
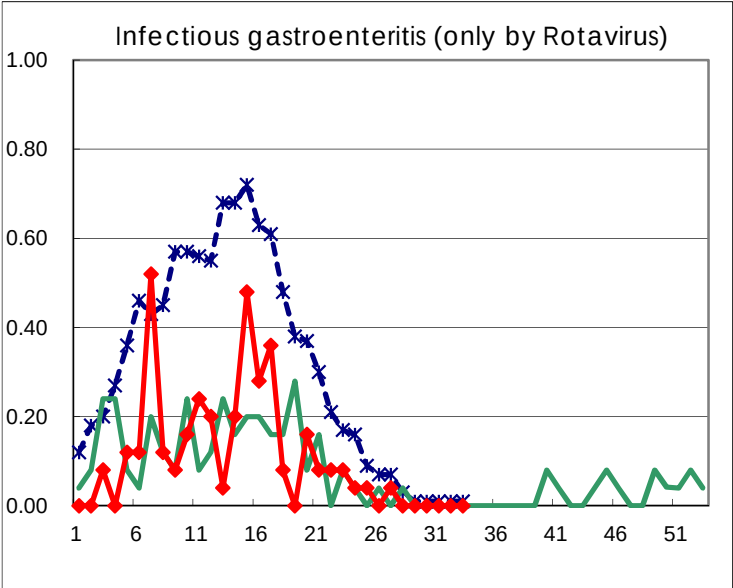
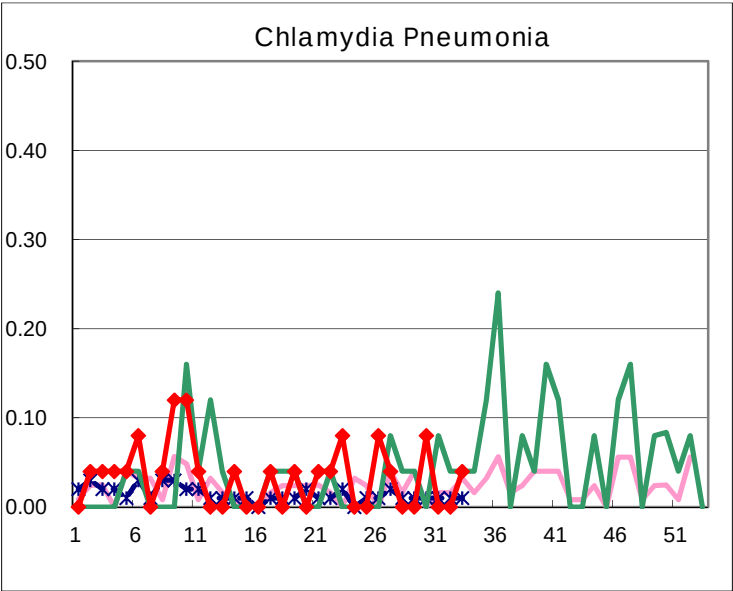
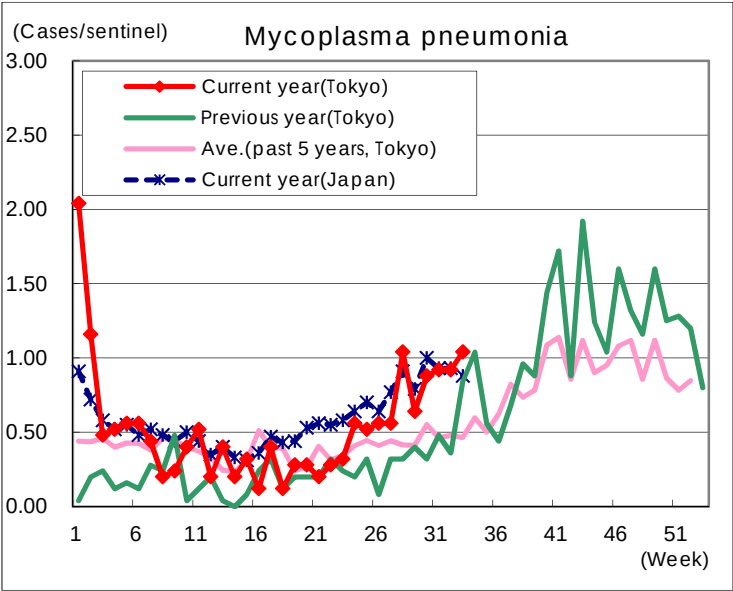
(Blank means 0.)

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	240
Influenza	419	386
Ophthalmic	39	36
Specially-designated	25	25