

**20 October 2016 / Number 41**

## 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	
		38th	39th	40th	41st	Cum 2016	41st	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	55	97	58	50	2,880	280	18,908
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera					1		8
	Shigellosis		1		1	34	1	102
	Enterohemorrhagic Escherichia coli infection	3	11	3	5	400	54	3,064
	Typhoid fever	2				17	2	48
	Paratyphoid fever					6		14
IV	Hepatitis E					31	4	312
	West Nile fever							
	Hepatitis A		2	1	2	60	4	233
	Echinococcosis						1	17
	Yellow fever							
	Psittacosis					1		5
	Omsk hemorrhagic fever							
	Relapsing fever							7
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					2		3
	Monkeypox							
	Zika virus infection	1				2		9
	Severe Fever with Thrombocytopenia Syndrome						3	50
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							1
	Anthrax							
	Chikungunya fever					4		12
	Scrub typhus(Tsutsugamushi disease)						1	99
	Dengue fever	2	3	5	1	78	4	293
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						11	209
	Japanese encephalitis						3	8
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis					1		2
	Venezuelan equine encephalitis							
Hendra virus infection								
Epidemic typhus								
Botulism					1		4	
Malaria			1		16		43	
Tularemia								
Lyme disease							7	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	2	7	9	4	112	55	1,256	
Leptospirosis			1		7		63	
Rocky mountain spotted fever								

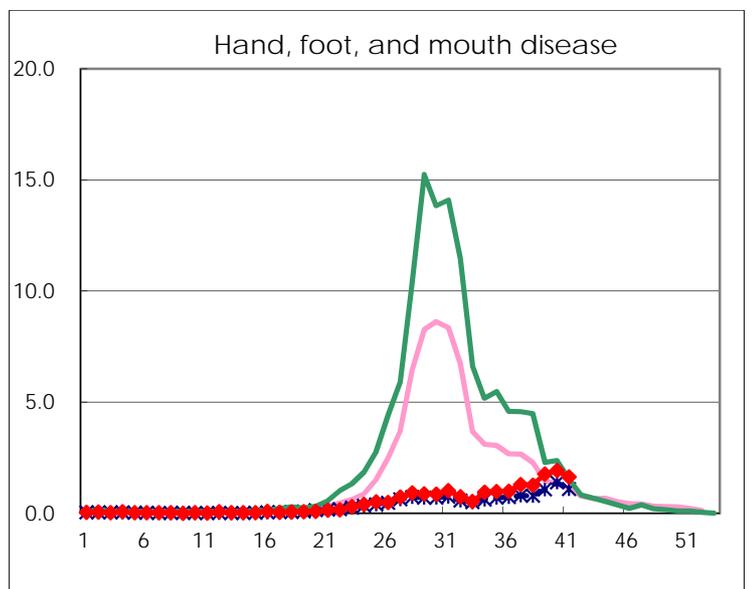
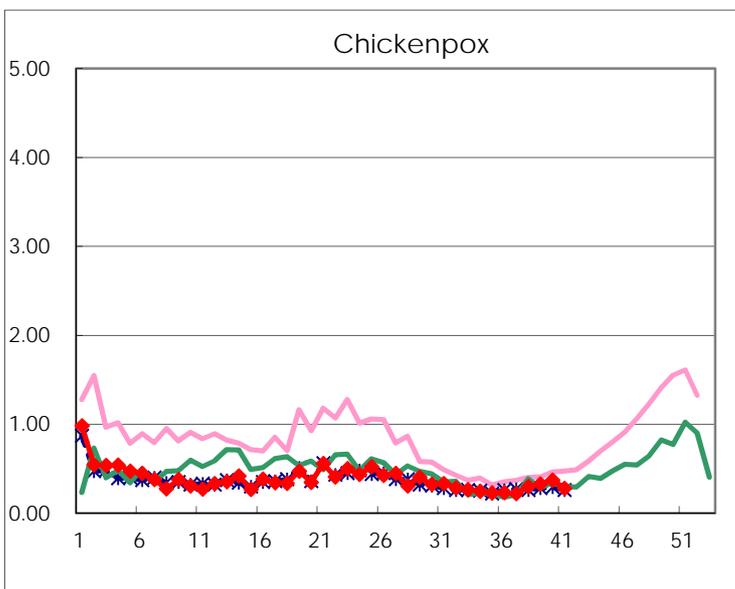
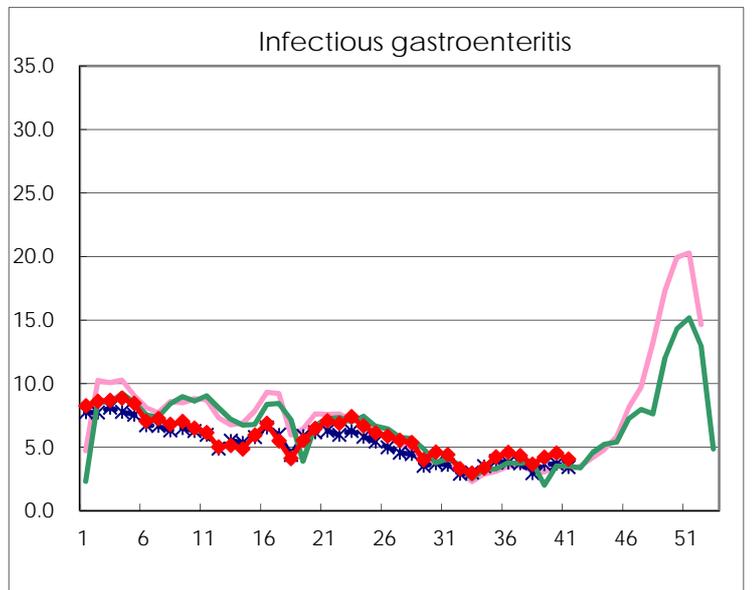
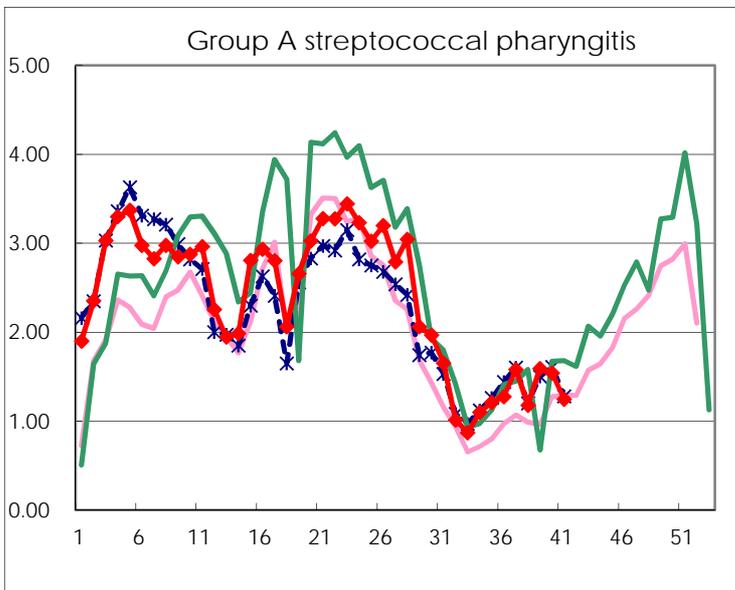
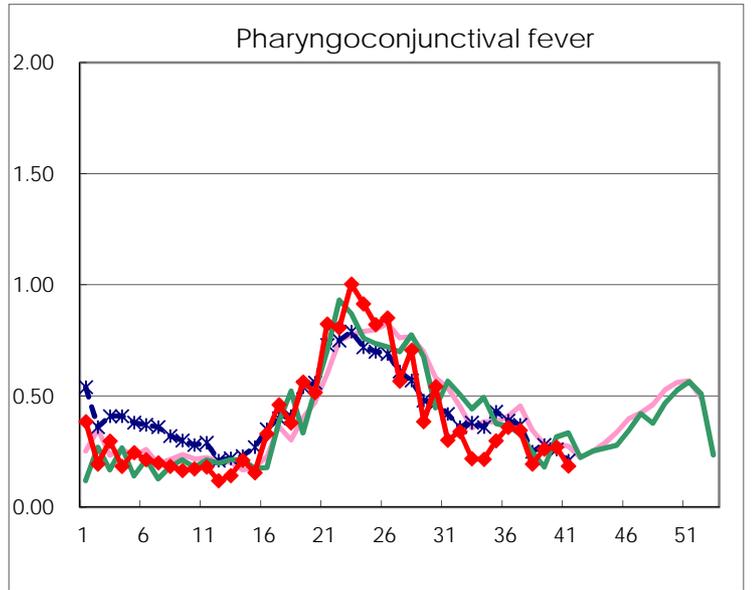
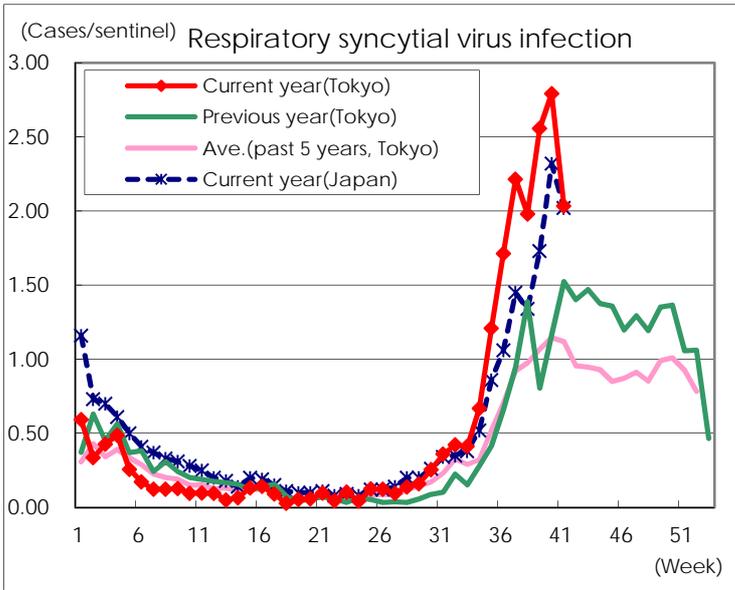
Category	Diseases	Tokyo					Japan	
		38th	39th	40th	41st	Cum 2016	41st	Cum 2016
V	Amebiasis	4	5	7	2	179	14	909
	Viral hepatitis(excluding hepatitis A and E)		2	2	1	57	5	221
	CRE infection	5	4	5	5	157	19	1,181
	Acute encephalitis(excluding JE and WNE)	1		1	1	80	5	628
	Cryptosporidiosis	1				1		12
	Creutzfeldt-Jakob disease					14	1	141
	Severe invasive streptococcal infections(TSLS)		2	1	2	58	8	406
	Acquired immunodeficiency syndrome (AIDS)	10	5	14	6	383	14	1,148
	Giardiasis		2			15		55
	Invasive <i>Haemophilus influenzae</i> disease	1			1	40	2	244
	Invasive meningococcal disease				1	4	1	37
	Invasive pneumococcal disease	2	3	4	5	266	22	2,001
	Varicella (limited to hospitalized case)		1	3	1	42	5	241
	Congenital rubella syndrome							
	Syphilis	20	35	41	28	1,354	59	3,489
	Disseminated cryptococcosis		1	1		13	2	103
	Tetanus					4		101
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection					2		44
	Rubella		1			15		110
Measles	1	2	2	2	22	5	152	
MDRA infection					1		31	

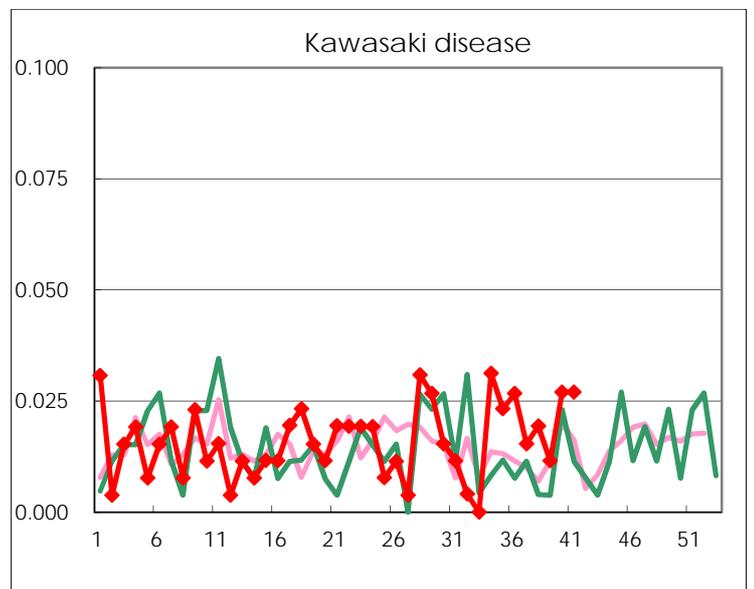
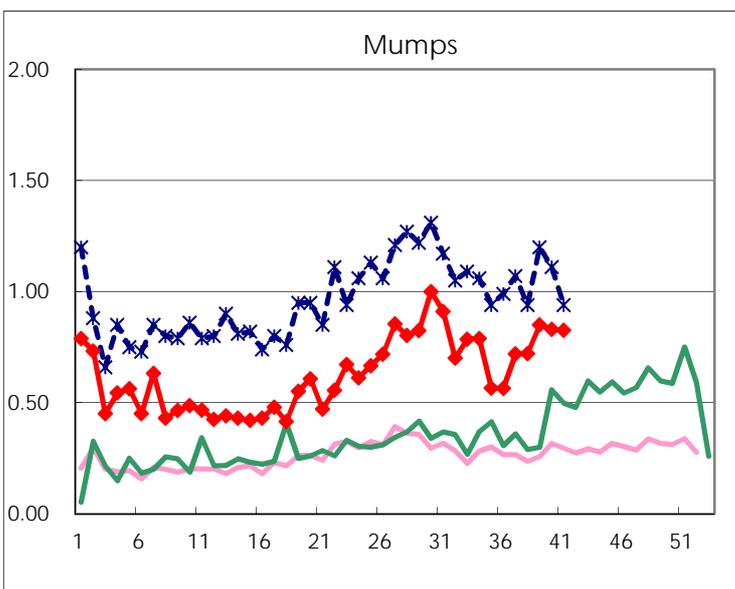
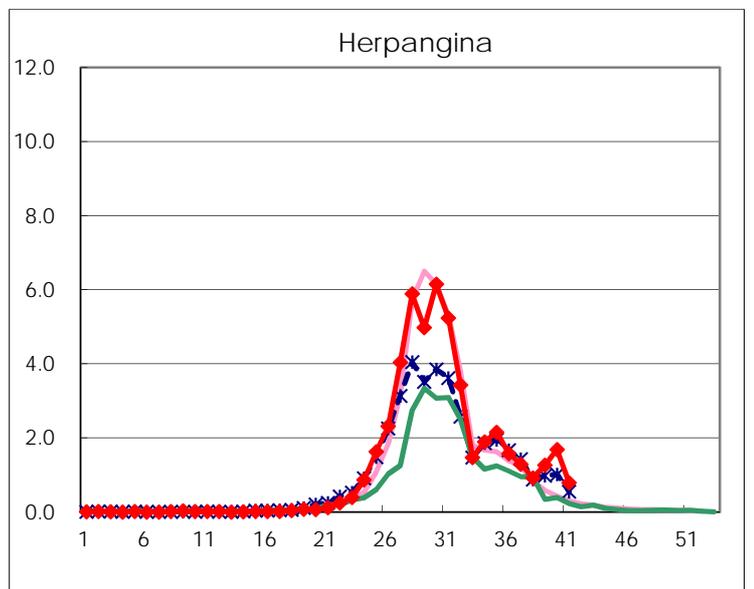
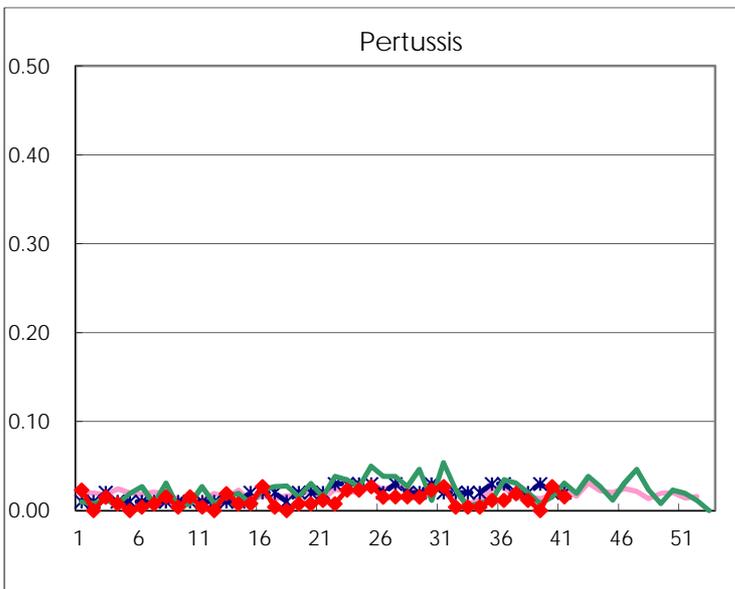
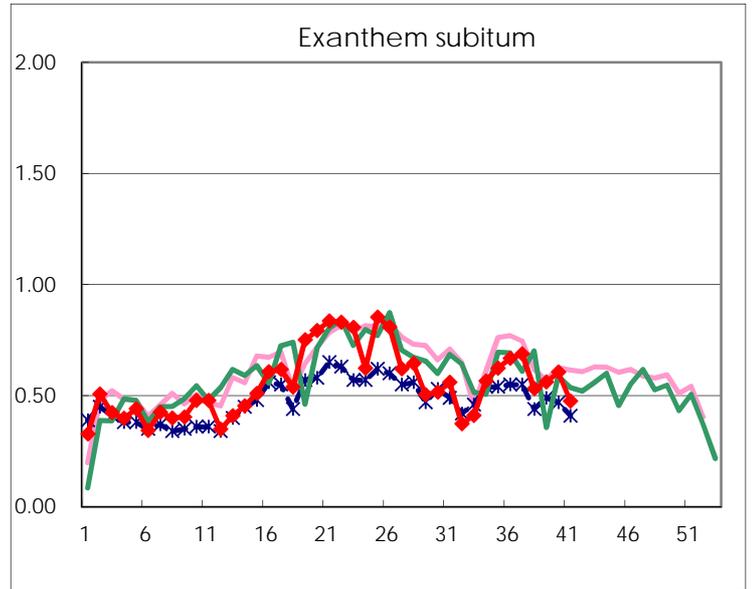
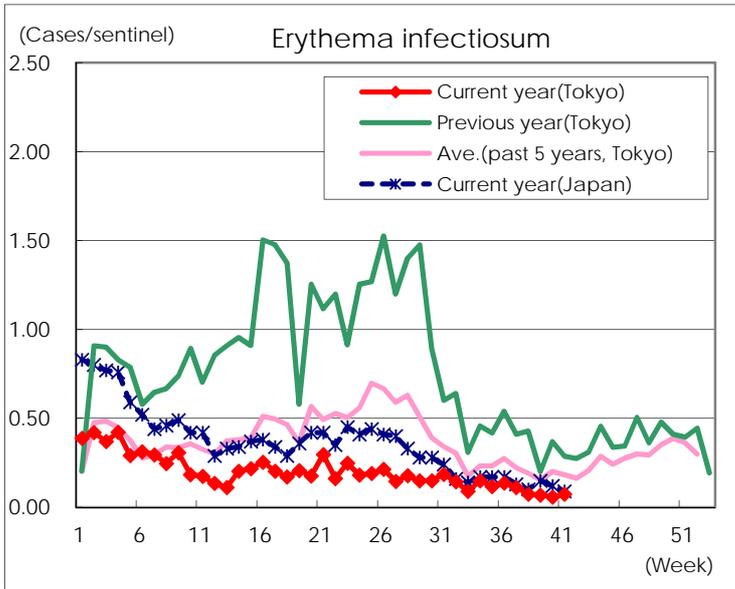
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

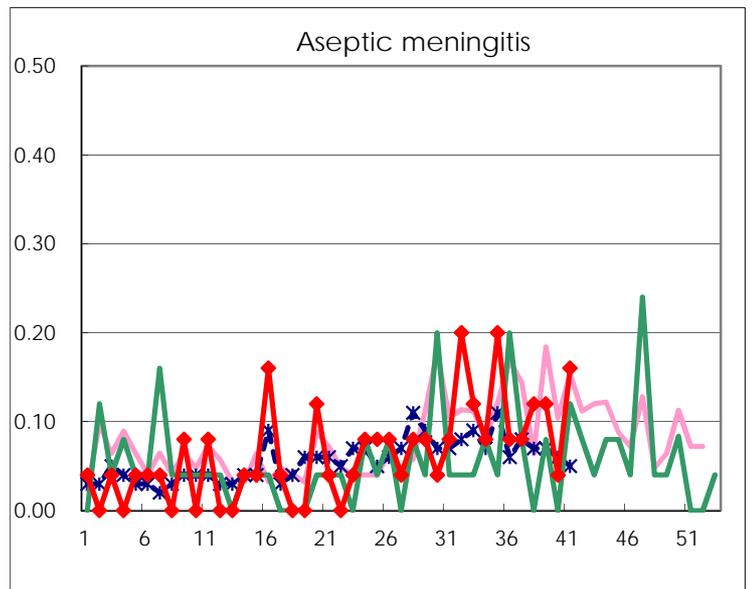
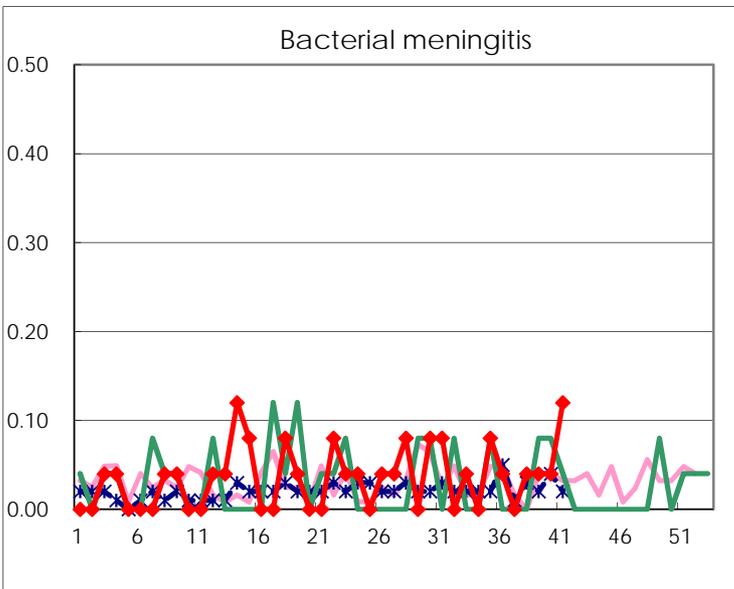
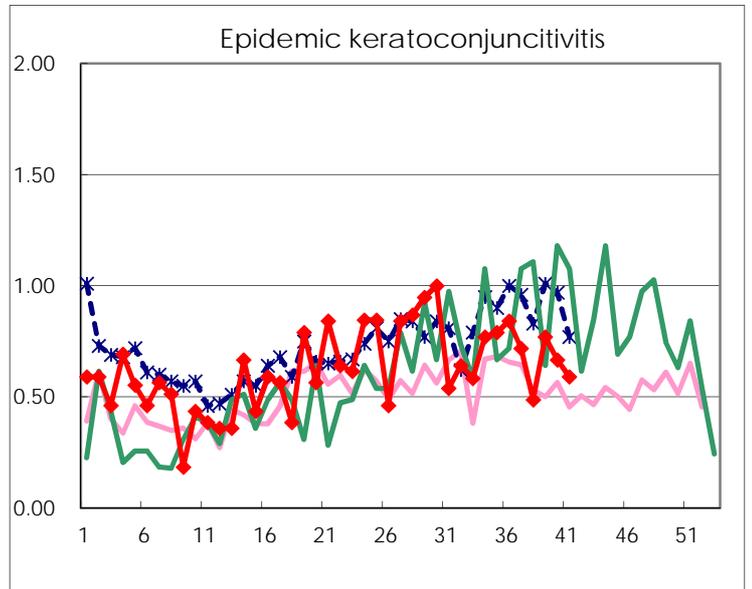
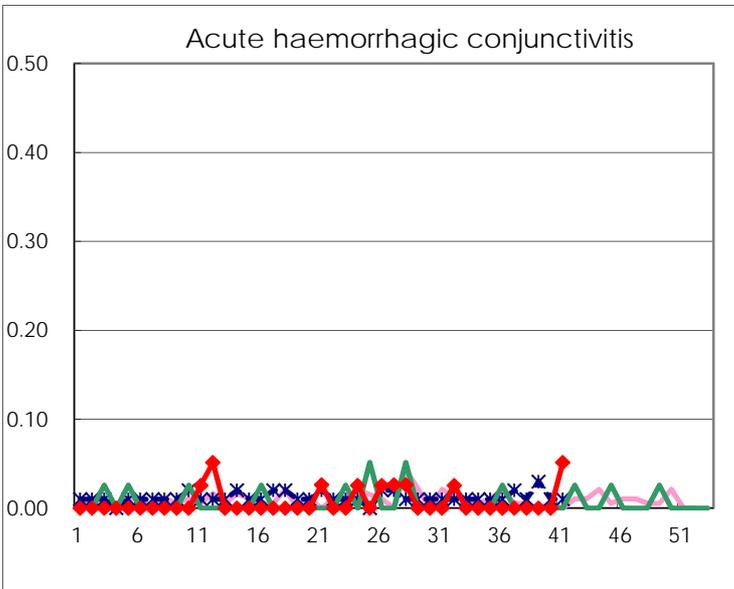
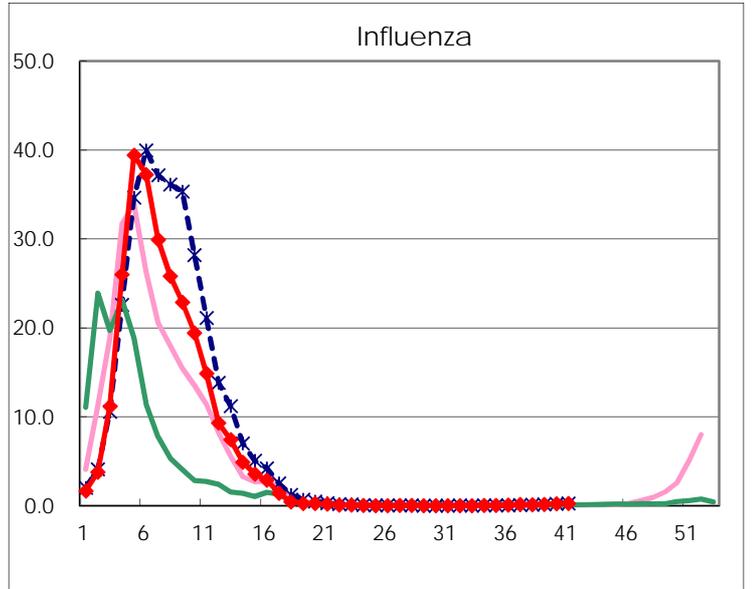
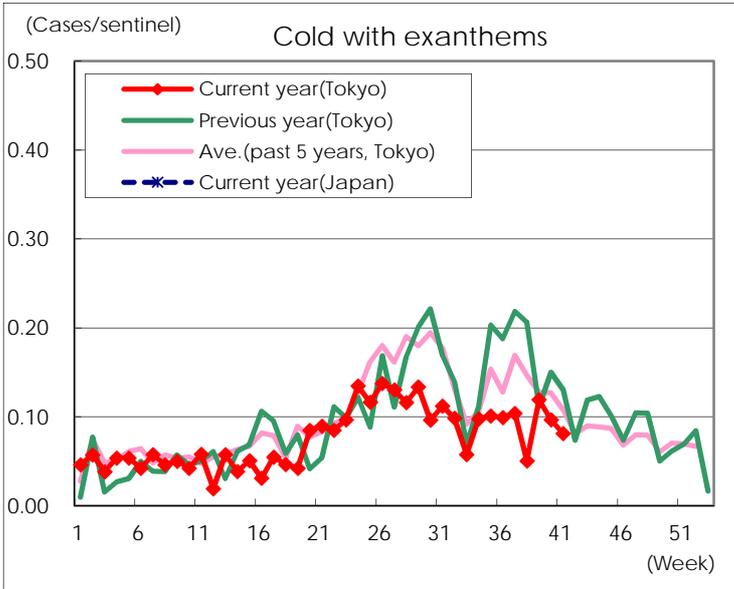
Diseases	Tokyo				
	38th	39th	40th	41st	/sentinel
Respiratory syncytial virus infection	511	665	723	527	2.03
Pharyngoconjunctival fever	50	68	70	48	0.19
Group A streptococcal pharyngitis	304	414	399	323	1.25
Infectious gastroenteritis	942	1,089	1,170	1,051	4.06
Chickenpox	77	85	96	72	0.28
Hand, foot, and mouth disease	328	461	498	423	1.63
Erythema infectiosum	19	18	15	19	0.07
Exanthem subitum	137	146	157	123	0.47
Pertussis	3		7	4	0.02
Herpangina	239	329	438	206	0.80
Mumps	186	221	215	214	0.83
Kawasaki disease	5	3	7	7	0.03
Cold with exanthems	13	31	25	21	0.08
Influenza	39	63	96	98	0.24
Acute hemorrhagic conjunctivitis				2	0.05
Epidemic keratoconjunctivitis	19	30	26	23	0.59
Bacterial meningitis	1	1	1	3	0.12
Aseptic meningitis	3	3	1	4	0.16
Mycoplasma pneumonia	23	28	53	37	1.48
Chlamydial pneumonia (excluding psittacosis)		2	3	1	0.04
Infectious gastroenteritis (only by Rotavirus)			2		
Influenza-Associated Hospitalizations	3	1	2		

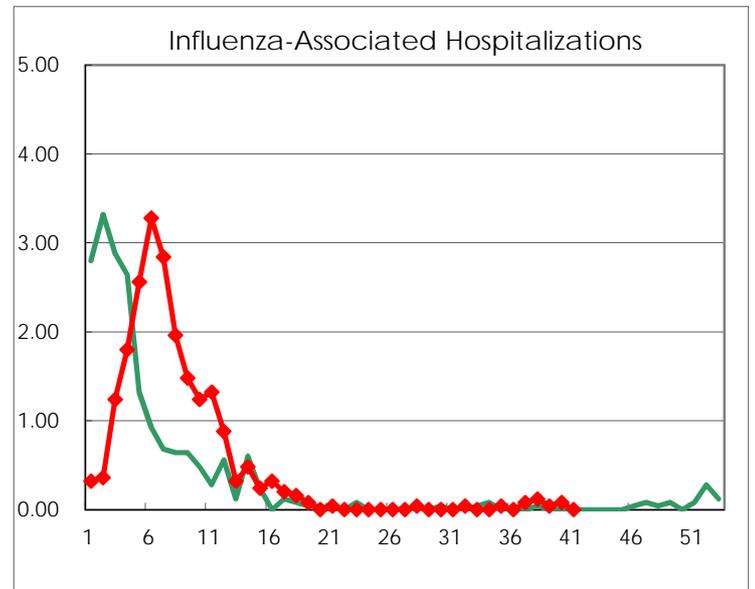
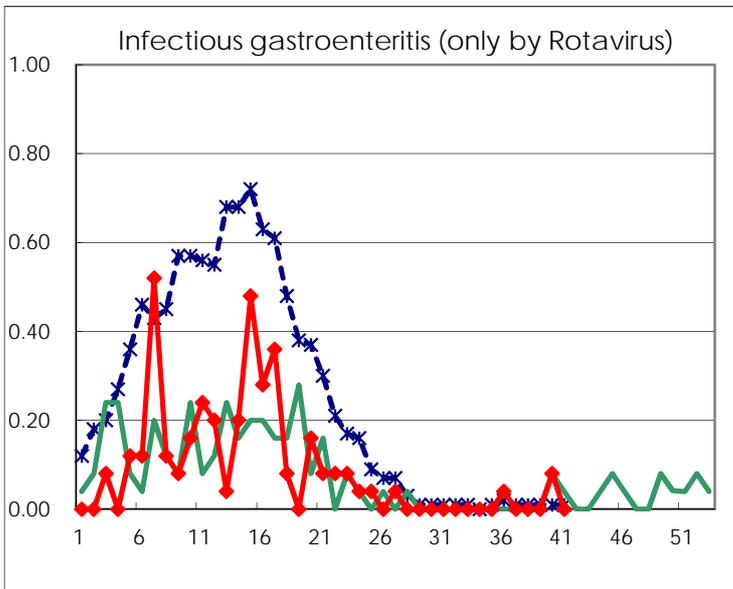
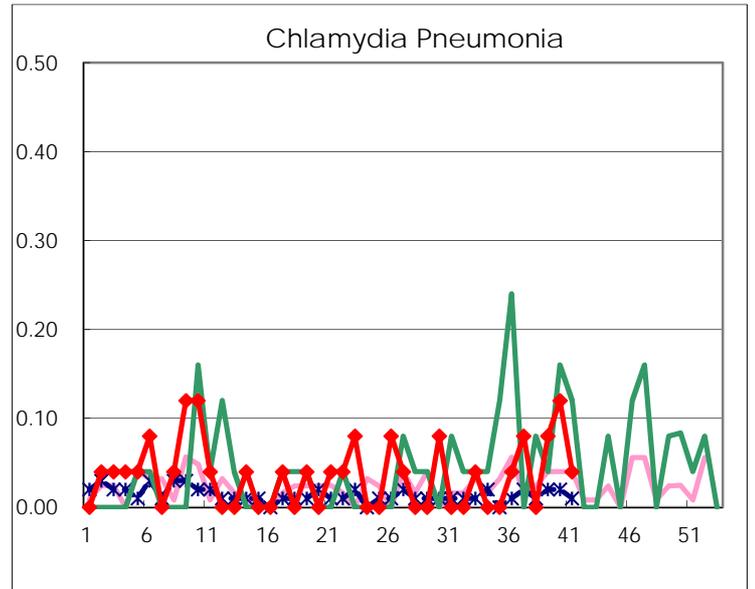
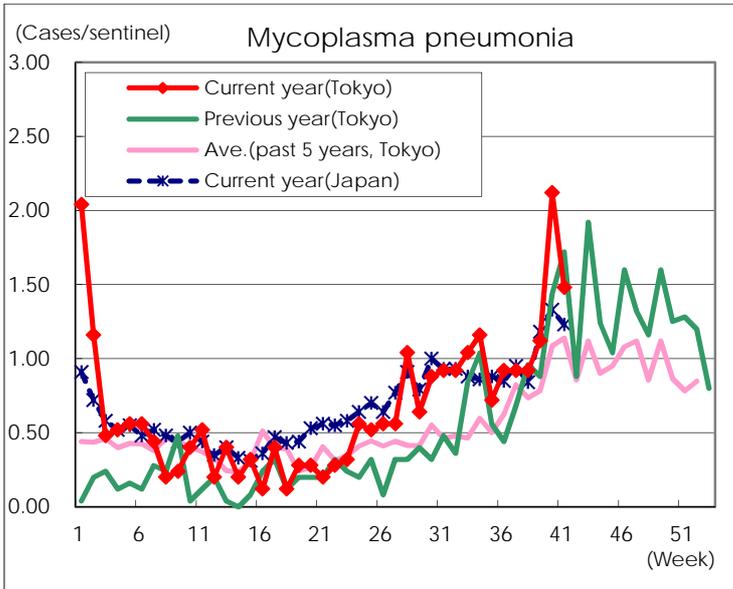
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	259
Influenza	419	412
Ophthalmic	39	39
Specially-designated	25	25