

**27 October 2016 / Number 42**

## 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	
		39th	40th	41st	42nd	Cum 2016	42nd	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	97	63	53	62	2,949	352	19,353
	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	103
	Enterohemorrhagic Escherichia coli infection	11	3	5	6	406	79	3,147
	Typhoid fever					17	2	50
	Paratyphoid fever				1	7		15
IV	Hepatitis E				1	32	6	319
	West Nile fever							
	Hepatitis A	2	1	2		60	4	238
	Echinococcosis						1	18
	Yellow fever							
	Psittacosis					1		5
	Omsk hemorrhagic fever							
	Relapsing fever							7
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					2		3
	Monkeypox							
	Zika virus infection					2		9
	Severe Fever with Thrombocytopenia Syndrome							50
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							1
	Anthrax							
	Chikungunya fever					4		12
	Scrub typhus(Tsutsugamushi disease)						3	101
	Dengue fever	3	5	1	3	81	7	300
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						13	226
	Japanese encephalitis							8
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis					1		2
	Venezuelan equine encephalitis							
Hendra virus infection								
Epidemic typhus								
Botulism					1	1	5	
Malaria		1		1	17		44	
Tularemia								
Lyme disease							7	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	7	9	4	4	116	22	1,289	
Leptospirosis		1			7		65	
Rocky mountain spotted fever								

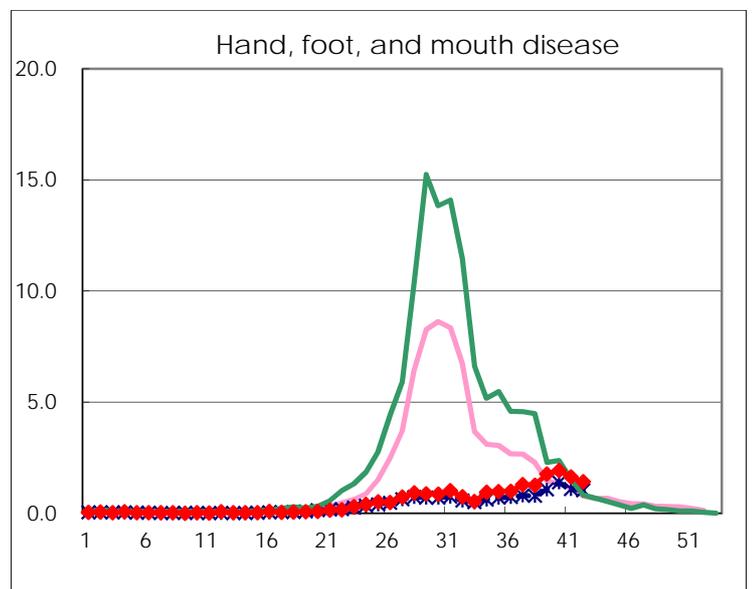
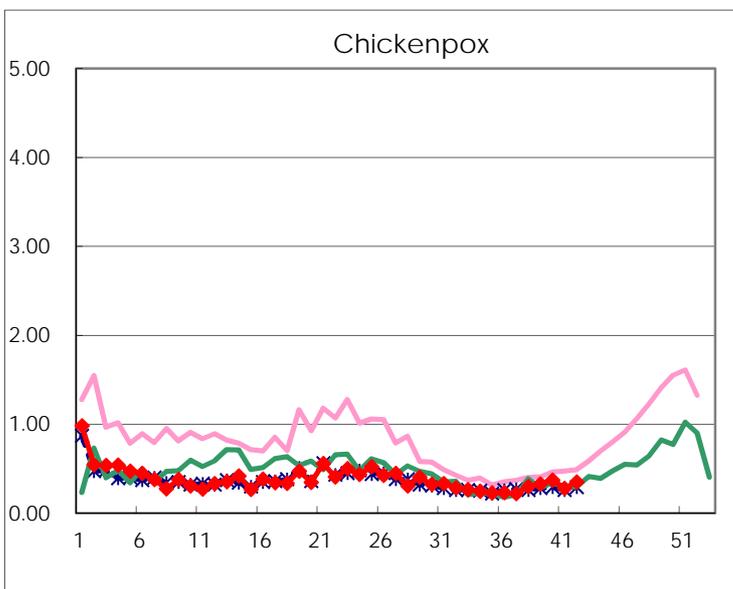
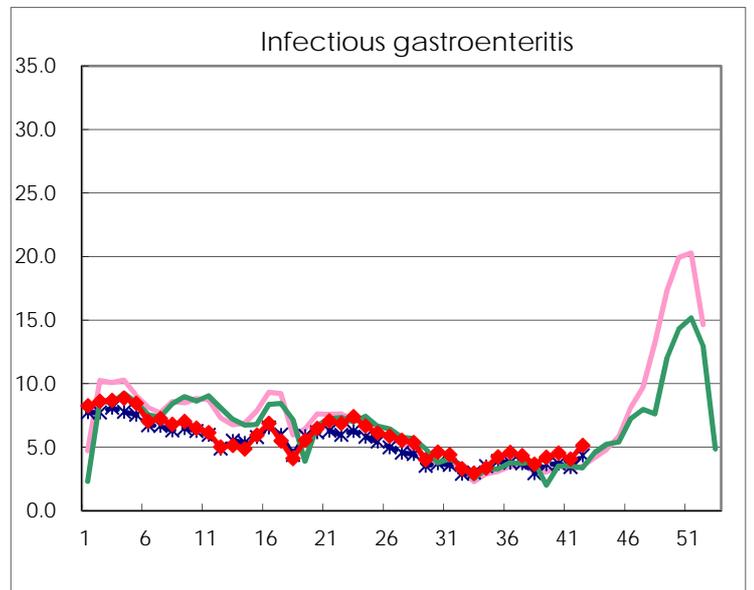
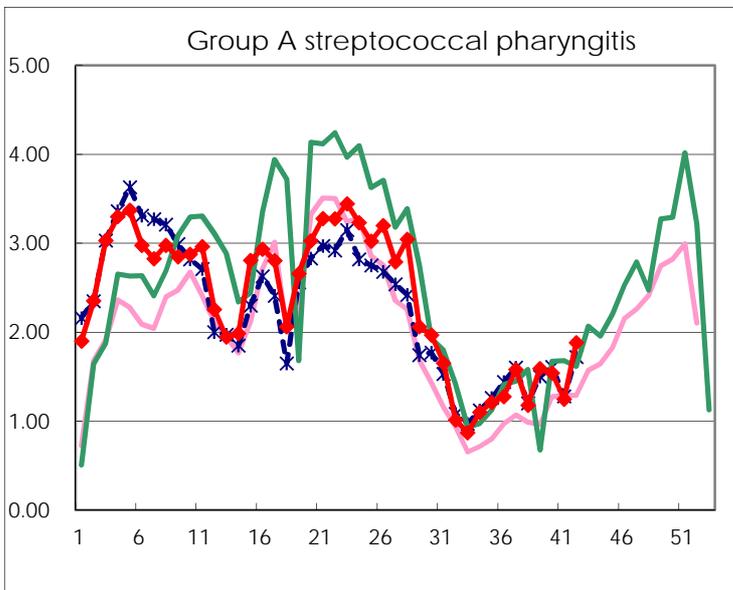
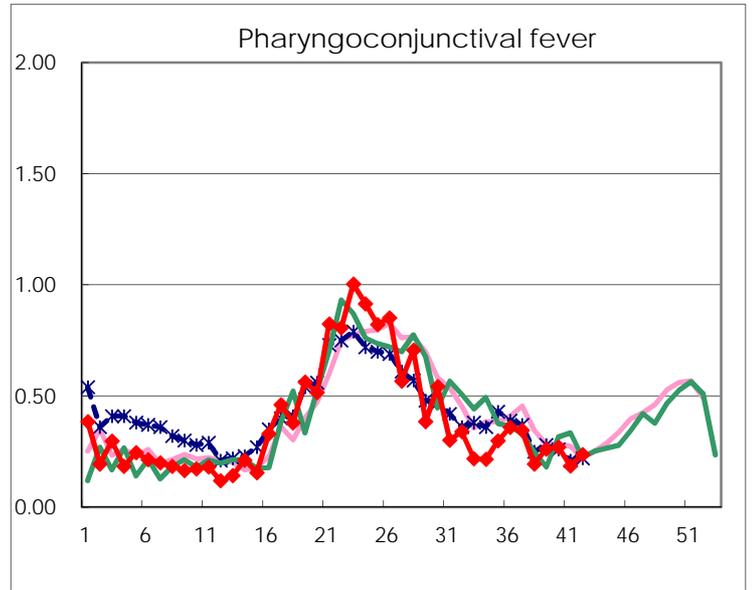
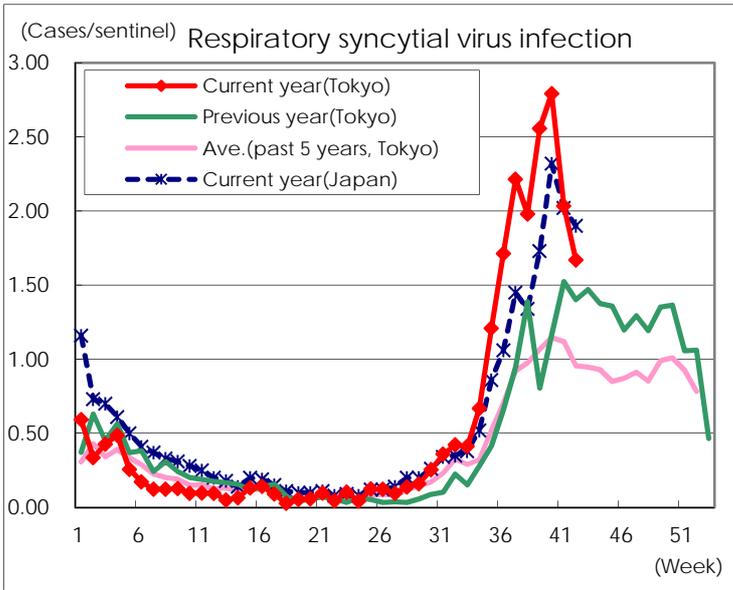
Category	Diseases	Tokyo					Japan	
		39th	40th	41st	42nd	Cum 2016	42nd	Cum 2016
V	Amebiasis	5	7	2	8	187	13	930
	Viral hepatitis(excluding hepatitis A and E)	2	2	1	3	60	6	232
	CRE infection	4	5	5	2	159	17	1,212
	Acute encephalitis(excluding JE and WNE)		1	1		80	7	641
	Cryptosporidiosis					1		13
	Creutzfeldt-Jakob disease					14	1	144
	Severe invasive streptococcal infections(TSLS)	2	1	2		58	3	411
	Acquired immunodeficiency syndrome (AIDS)	5	14	6	11	394	18	1,176
	Giardiasis	2				15		56
	Invasive <i>Haemophilus influenzae</i> disease			1		40	3	249
	Invasive meningococcal disease			1		4	1	38
	Invasive pneumococcal disease	3	4	5	5	271	31	2,040
	Varicella (limited to hospitalized case)	1	3	1	1	43	3	245
	Congenital rubella syndrome							
	Syphilis	35	41	28	33	1,387	72	3,597
	Disseminated cryptococcosis	1	1		2	15	1	107
	Tetanus					4	1	105
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection					2	1	46
	Rubella	1				15	2	113
Measles	2	2	2		22	5	155	
MDRA infection					1		32	

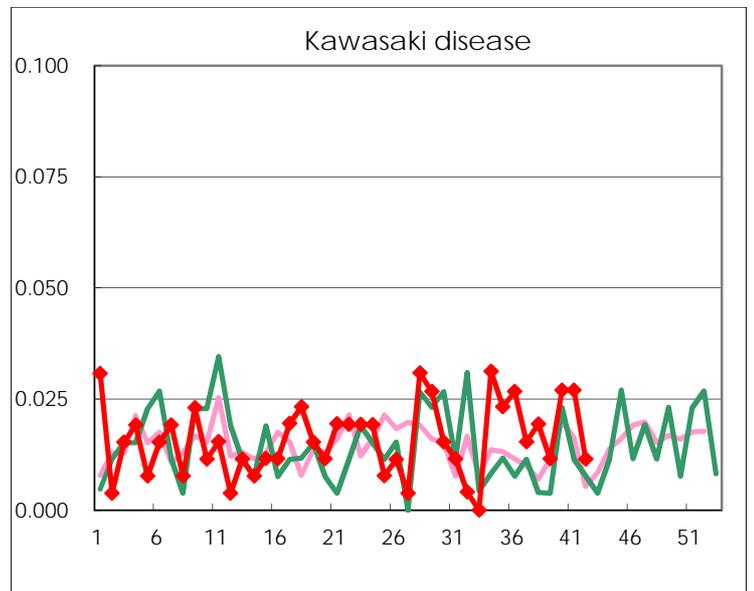
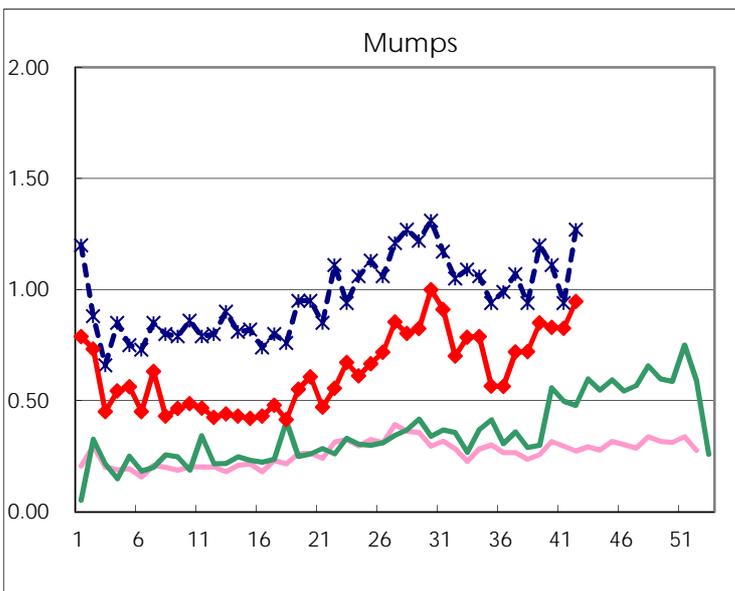
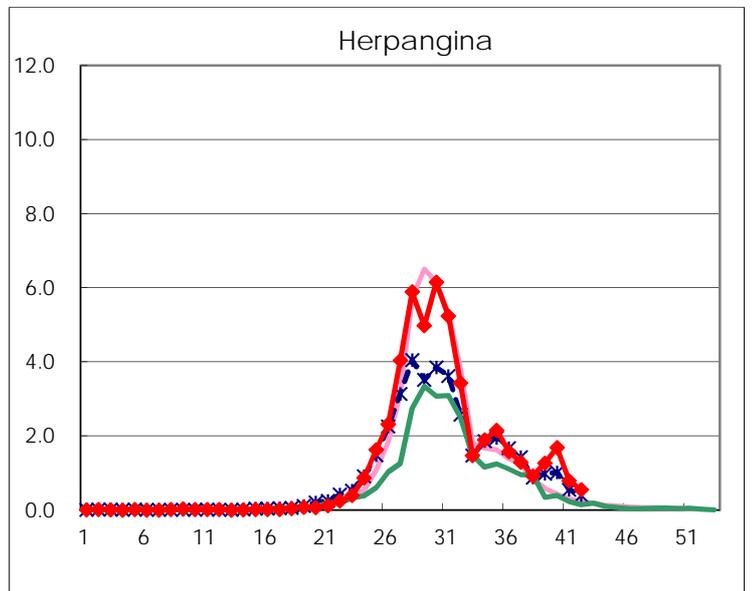
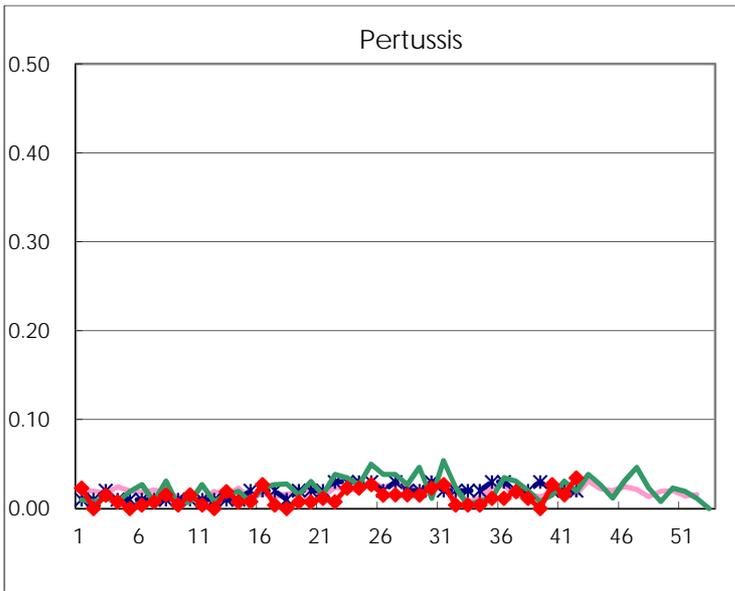
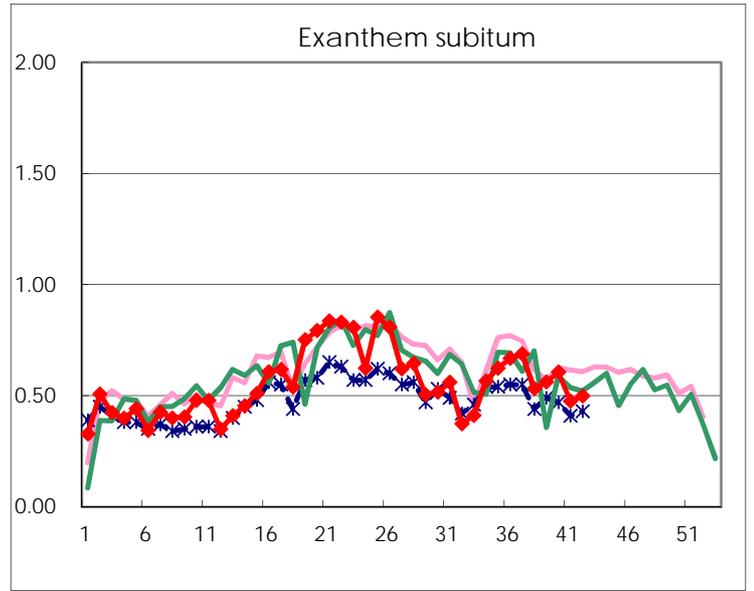
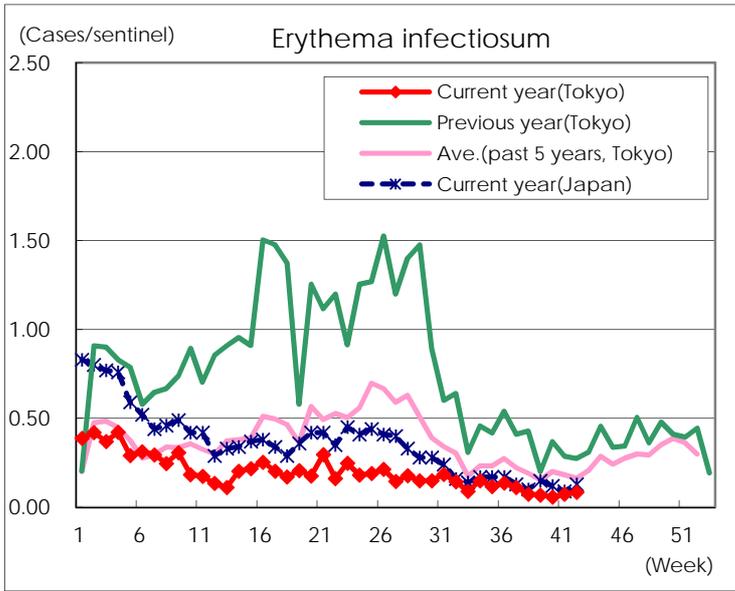
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

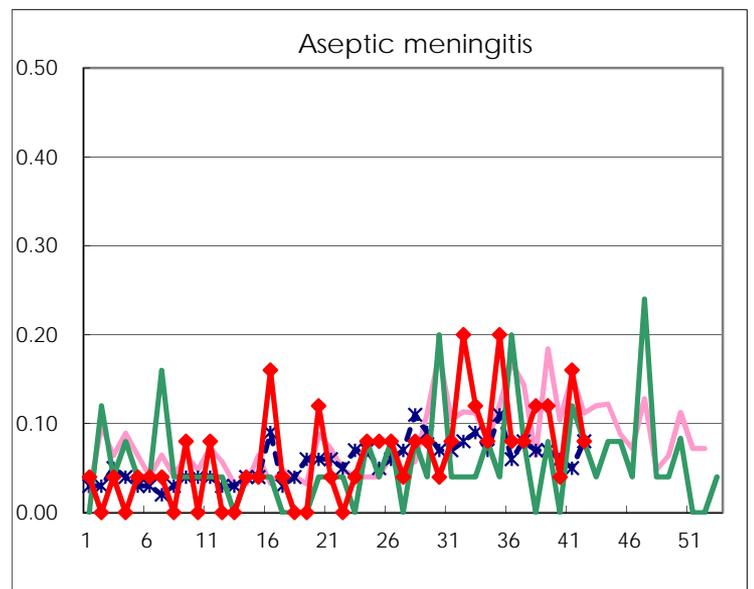
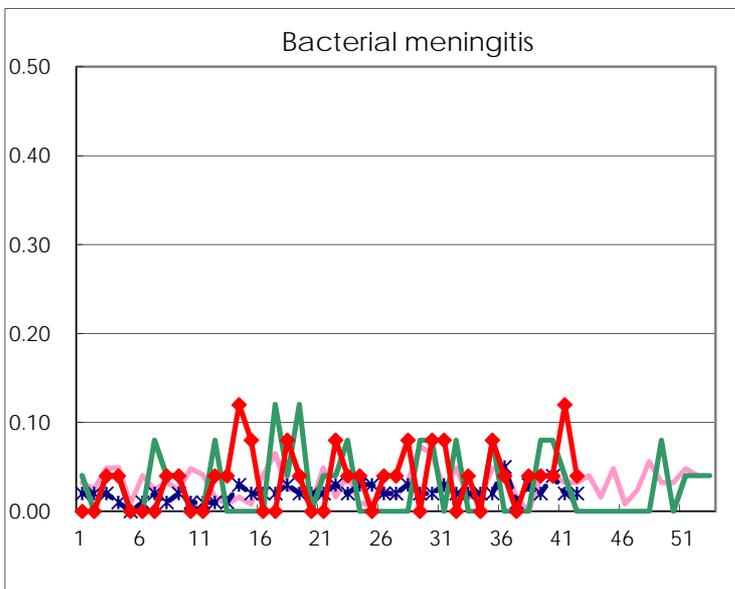
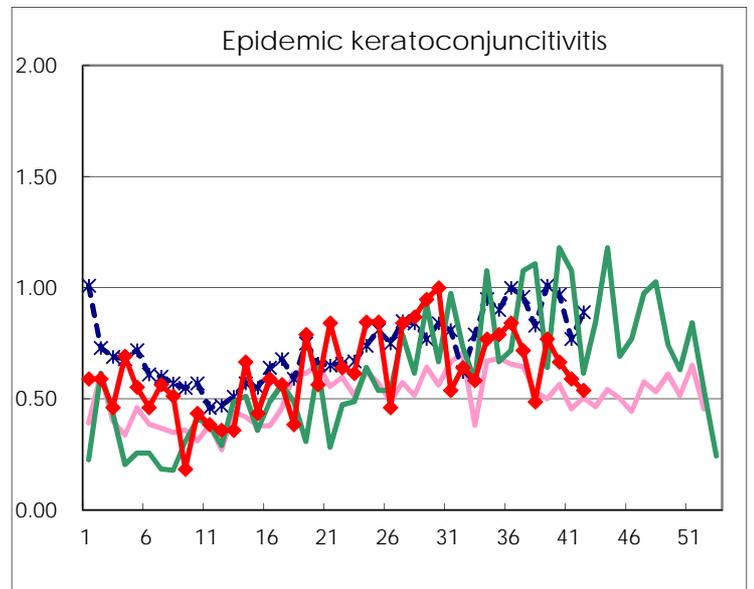
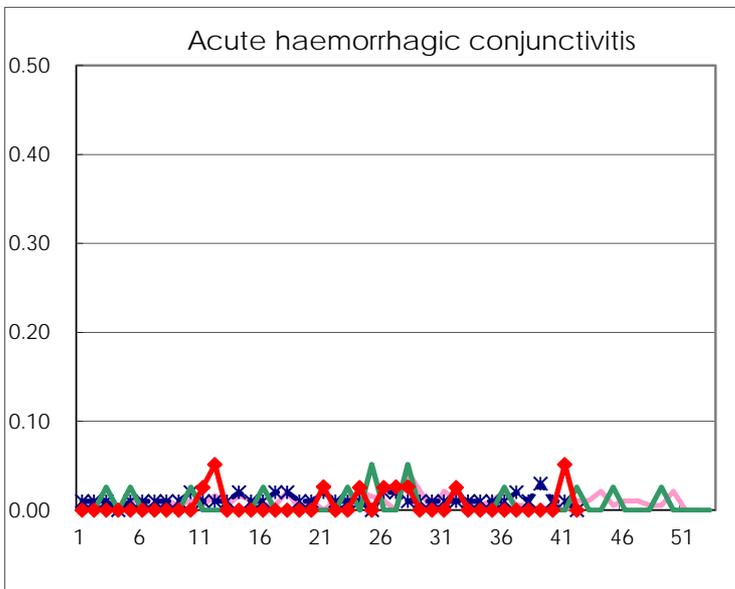
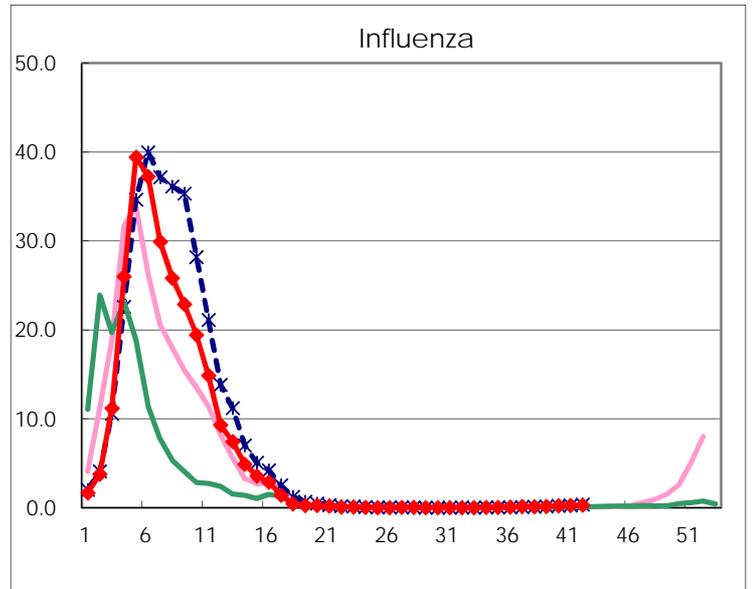
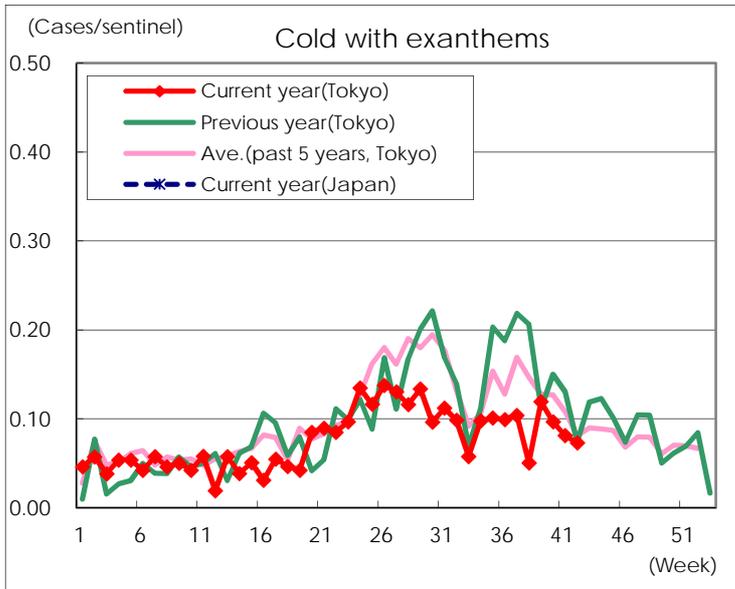
Diseases	Tokyo				
	39th	40th	41st	42nd	/sentinel
Respiratory syncytial virus infection	665	723	527	436	1.67
Pharyngoconjunctival fever	68	70	48	62	0.24
Group A streptococcal pharyngitis	414	399	323	491	1.88
Infectious gastroenteritis	1,089	1,170	1,051	1,338	5.13
Chickenpox	85	96	72	91	0.35
Hand, foot, and mouth disease	461	498	423	371	1.42
Erythema infectiosum	18	15	19	22	0.08
Exanthem subitum	146	157	123	130	0.50
Pertussis		7	4	9	0.03
Herpangina	329	438	206	144	0.55
Mumps	221	215	214	247	0.95
Kawasaki disease	3	7	7	3	0.01
Cold with exanthems	31	25	21	19	0.07
Influenza	63	96	98	117	0.28
Acute hemorrhagic conjunctivitis			2		
Epidemic keratoconjunctivitis	30	26	23	21	0.54
Bacterial meningitis	1	1	3	1	0.04
Aseptic meningitis	3	1	4	2	0.08
Mycoplasma pneumonia	28	53	43	41	1.64
Chlamydial pneumonia (excluding psittacosis)	2	3	1	1	0.04
Infectious gastroenteritis (only by Rotavirus)		2		1	0.04
Influenza-Associated Hospitalizations	1	2		2	0.08

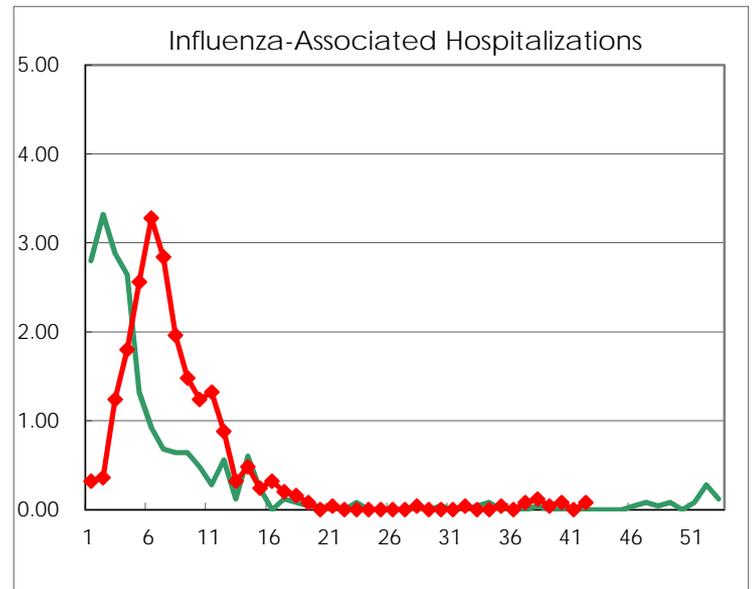
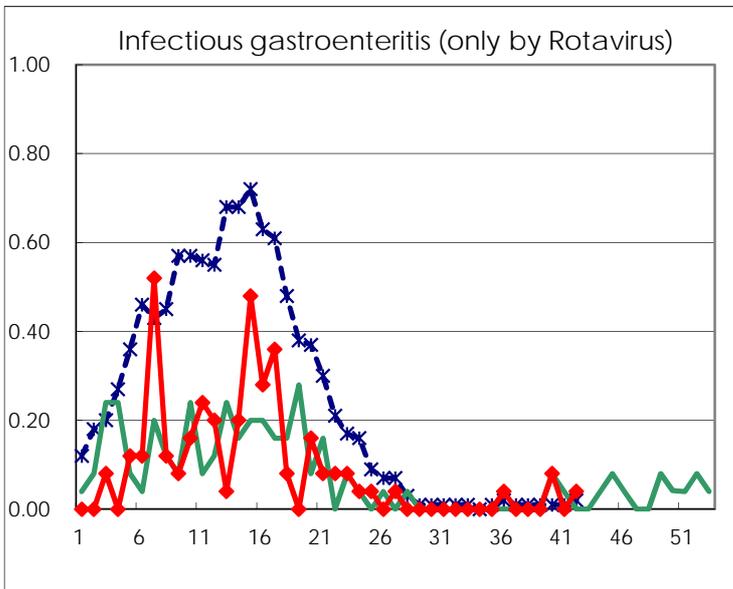
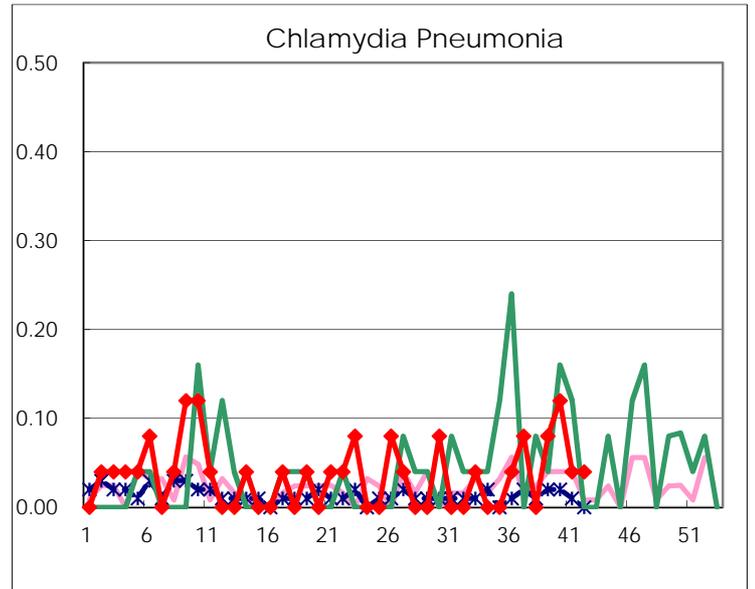
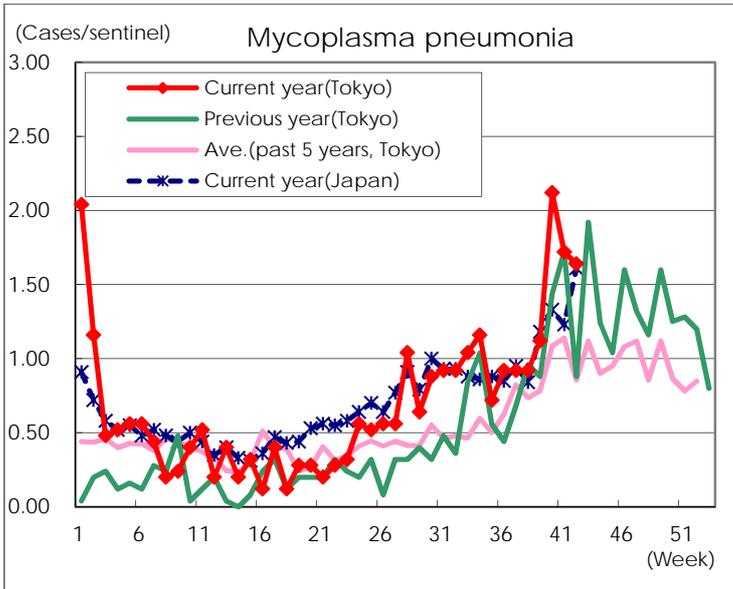
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	261
Influenza	419	412
Ophthalmic	39	39
Specially-designated	25	25