

## 6 October 2016 / Number 39

### 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	
		36th	37th	38th	39th	Cum 2016	39th	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	75	75	50	83	2,755	393	17,966
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
III	Avian influenza H5N1							
	Avian influenza H7N9							
	Cholera	1				1	1	8
	Shigellosis	1	1		1	33	1	97
	Enterohemorrhagic Escherichia coli infection	49	31	3	10	391	66	2,914
	Typhoid fever			2		17	4	41
IV	Paratyphoid fever		1			6	1	14
	Hepatitis E		1			31	3	304
	West Nile fever							
	Hepatitis A	1	1		1	56	3	225
	Echinococcosis							14
	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	1		2		9
	Severe Fever with Thrombocytopenia Syndrome							46
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							1
	Anthrax							
	Chikungunya fever		1			4	2	11
	Scrub typhus(Tsutsugamushi disease)						2	97
	Dengue fever	4	3	2	3	72	10	280
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						13	178
	Japanese encephalitis						4	4
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis					1		2
Venezuelan equine encephalitis								
Hendra virus infection								
Epidemic typhus								
Botulism					1		4	
Malaria	2				15		40	
Tularemia								
Lyme disease							6	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	10	2	2	7	99	52	1,121	
Leptospirosis	1	1			6	3	53	
Rocky mountain spotted fever								

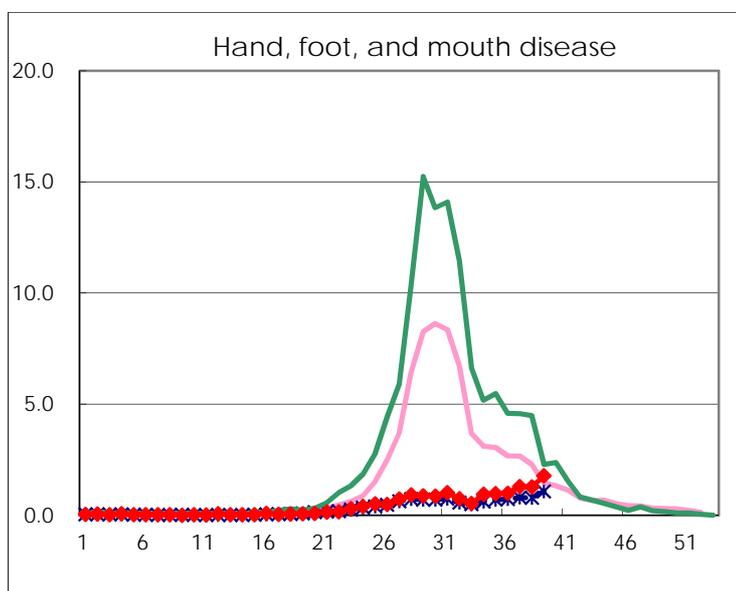
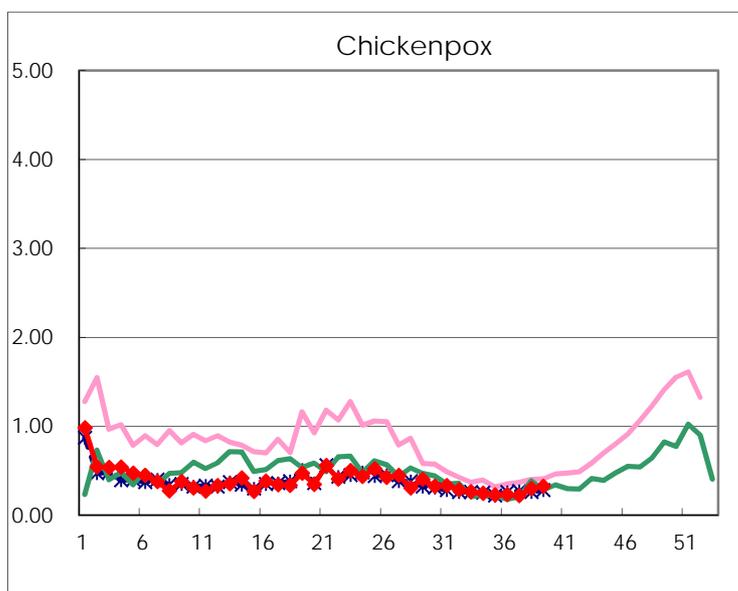
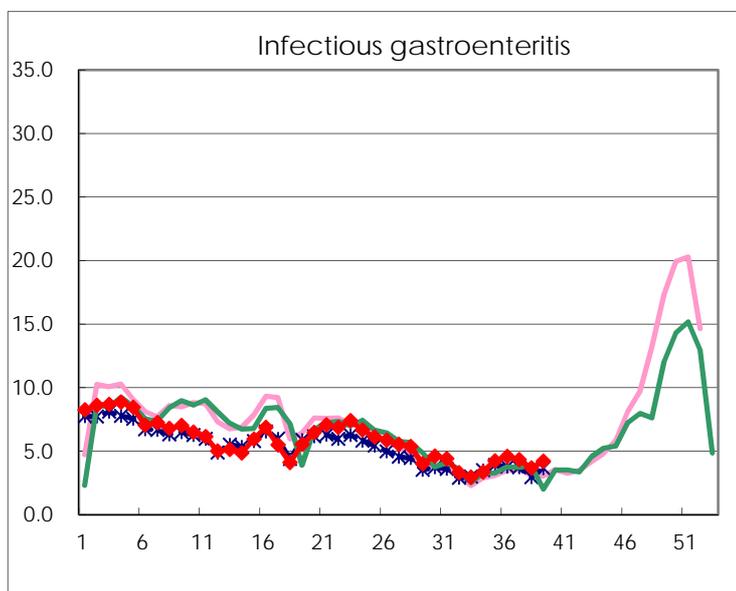
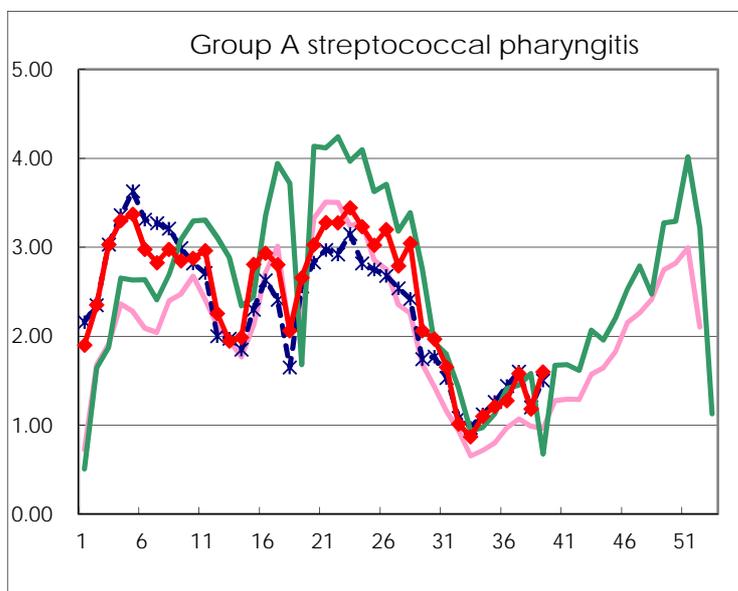
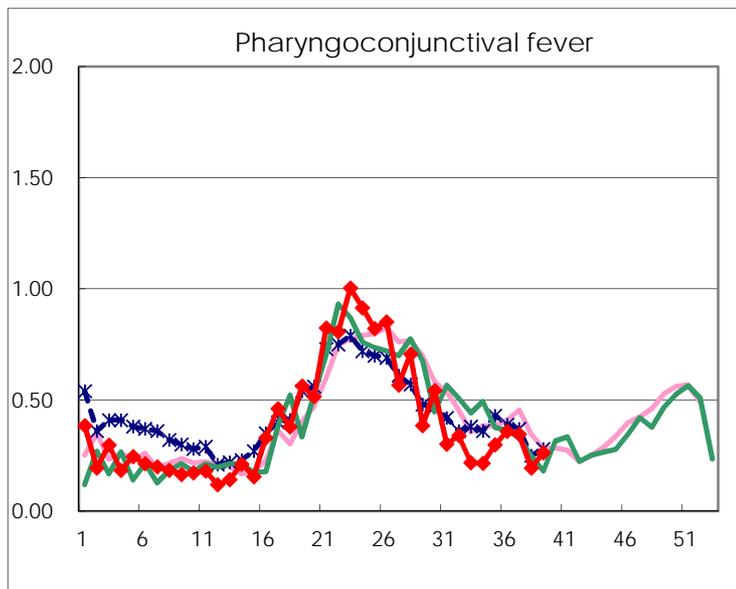
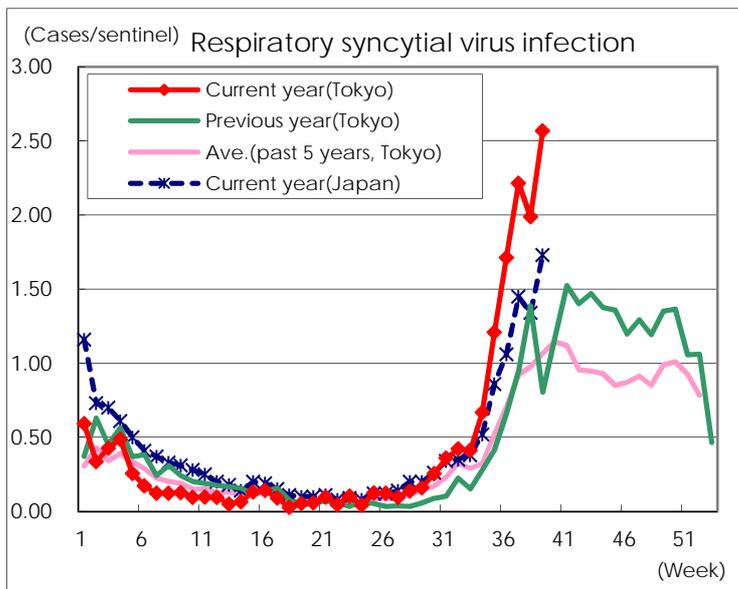
Category	Diseases	Tokyo					Japan	
		36th	37th	38th	39th	Cum 2016	39th	Cum 2016
V	Amebiasis	3	4	4	5	170	12	869
	Viral hepatitis(excluding hepatitis A and E)	2			2	54	2	208
	CRE infection	6	9	5	4	147	26	1,106
	Acute encephalitis(excluding JE and WNE)	2	1	1		78	2	611
	Cryptosporidiosis			1		1		11
	Creutzfeldt-Jakob disease		2			14	1	135
	Severe invasive streptococcal infections(TSLS)	2	1		2	55	8	384
	Acquired immunodeficiency syndrome (AIDS)	8	11	10	4	362	20	1,077
	Giardiasis				2	15	1	52
	Invasive <i>Haemophilus influenzae</i> disease	2	2	1		39	3	238
	Invasive meningococcal disease					3		35
	Invasive pneumococcal disease	2	2	2	3	257	15	1,951
	Varicella (limited to hospitalized case)				1	38	3	224
	Congenital rubella syndrome							
	Syphilis	39	40	20	35	1,285	69	3,284
	Disseminated cryptococcosis		1		1	12	4	96
	Tetanus					4	4	97
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection					2	3	44
	Rubella		1		1	15	1	107
Measles		4	1	2	18	6	145	
MDRA infection					1		30	

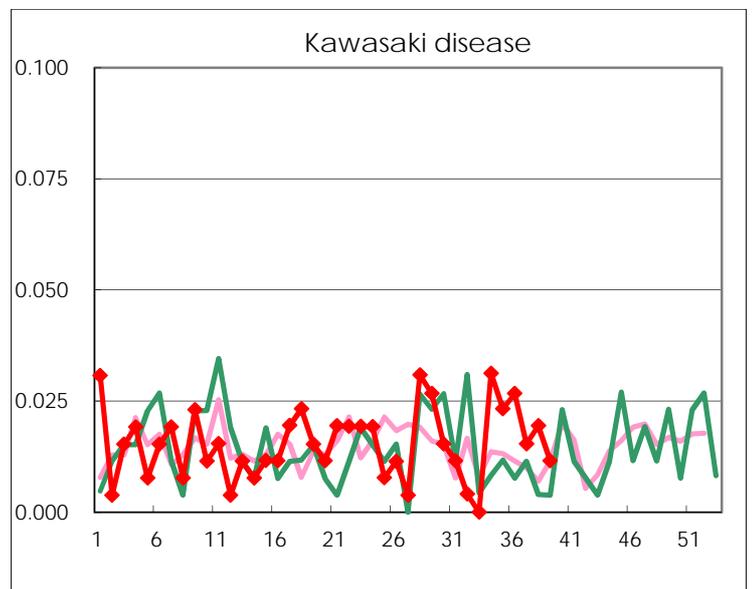
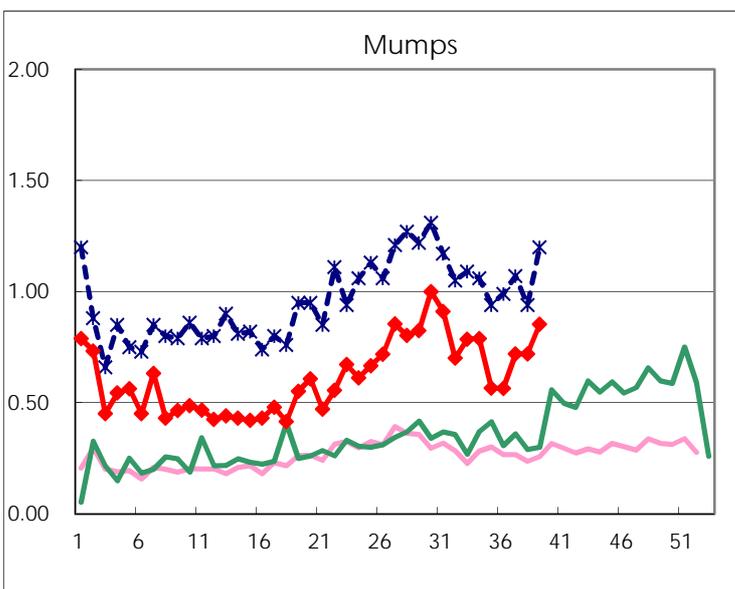
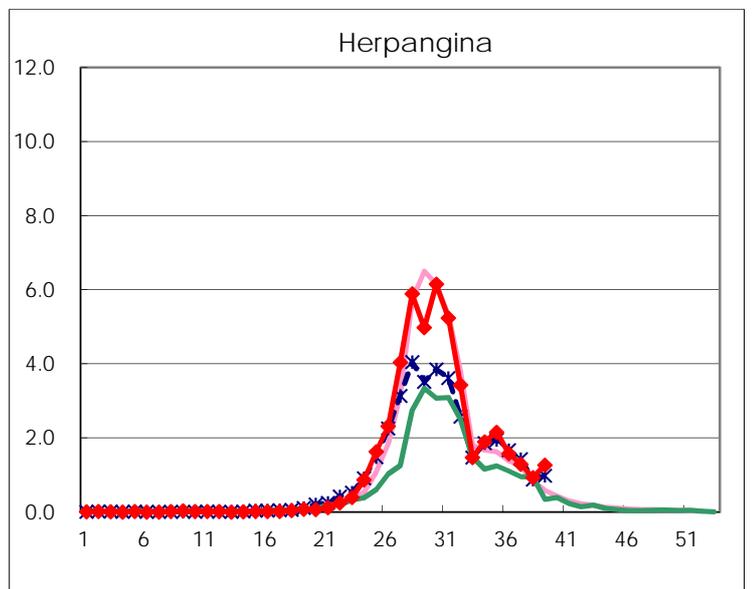
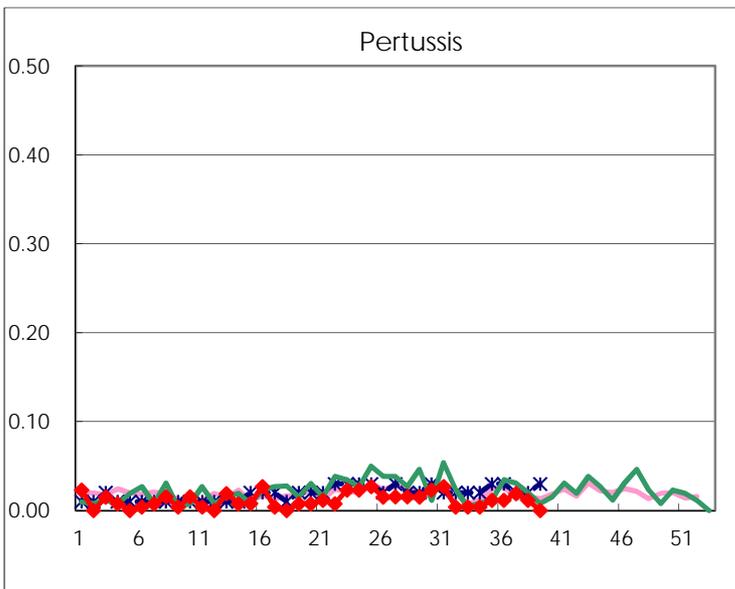
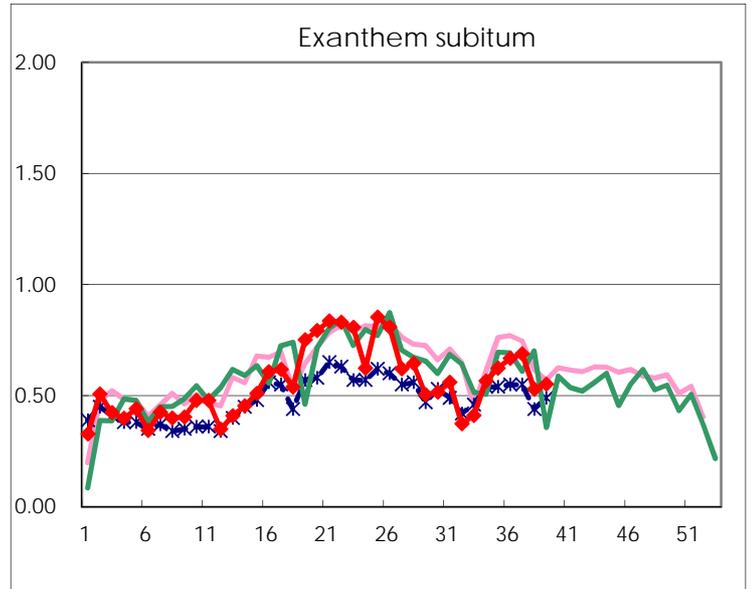
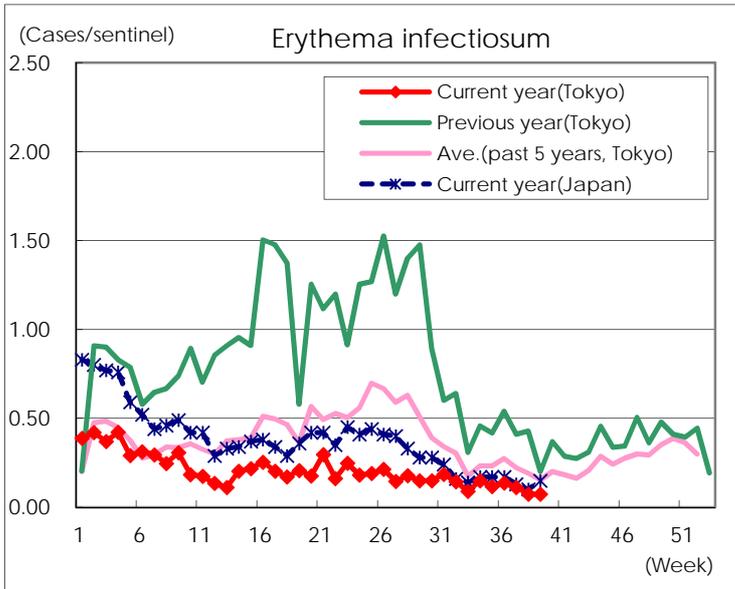
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

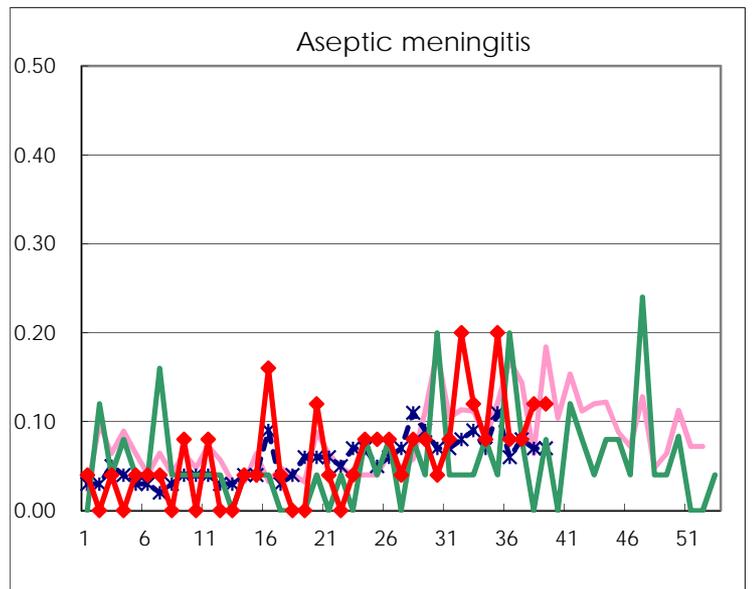
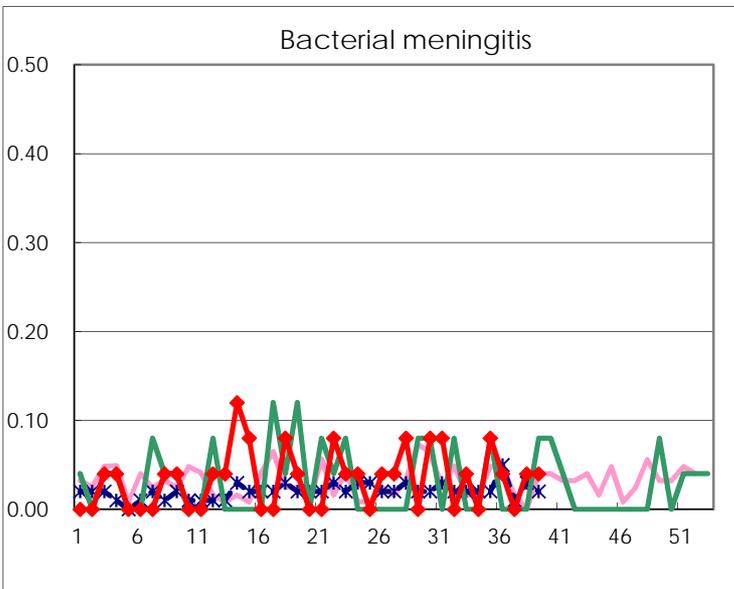
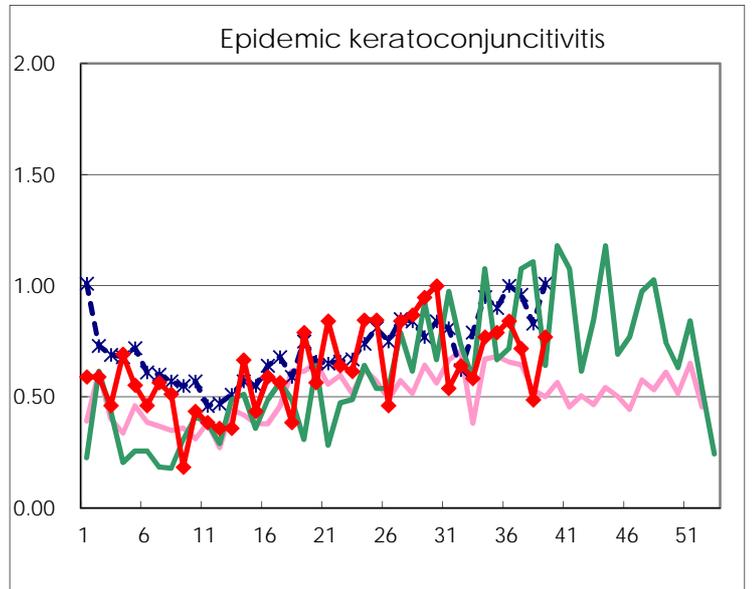
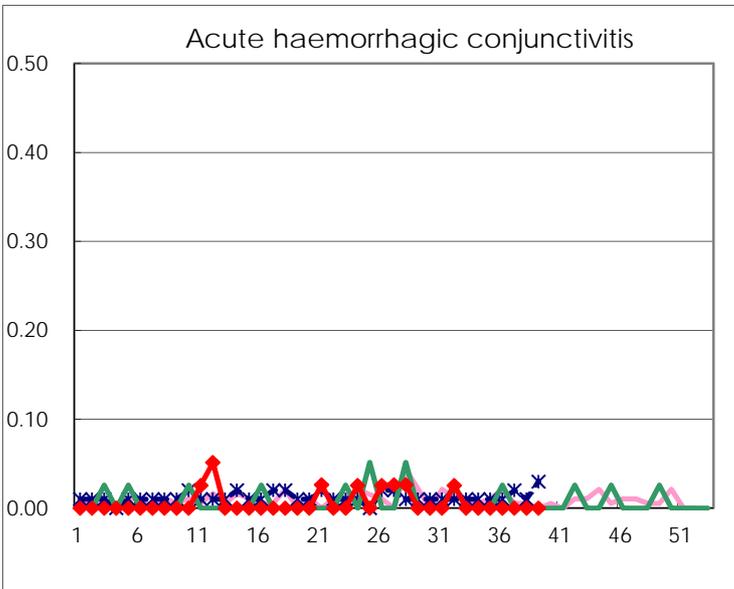
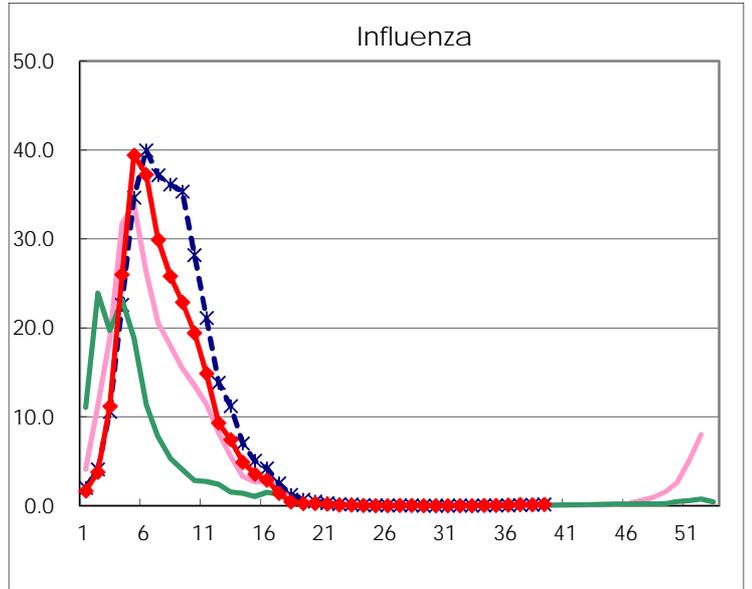
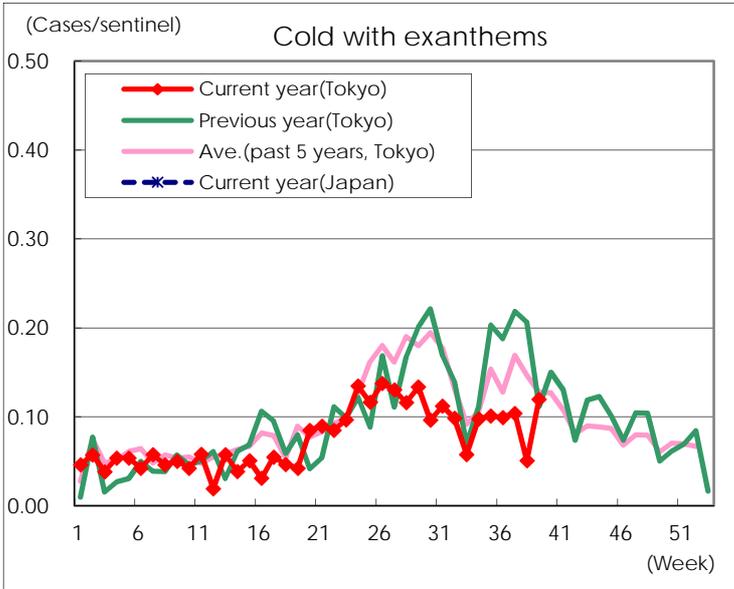
Diseases	Tokyo				
	36th	37th	38th	39th	/sentinel
Respiratory syncytial virus infection	449	576	511	665	2.57
Pharyngoconjunctival fever	94	90	50	68	0.26
Group A streptococcal pharyngitis	334	411	304	414	1.60
Infectious gastroenteritis	1,198	1,124	941	1,087	4.20
Chickenpox	60	57	77	84	0.32
Hand, foot, and mouth disease	261	337	328	461	1.78
Erythema infectiosum	36	29	19	19	0.07
Exanthem subitum	175	179	136	143	0.55
Pertussis	3	5	3		
Herpangina	414	337	239	329	1.27
Mumps	148	187	185	221	0.85
Kawasaki disease	7	4	5	3	0.01
Cold with exanthems	26	27	13	31	0.12
Influenza	31	54	39	61	0.15
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	32	28	19	30	0.77
Bacterial meningitis	1		1	1	0.04
Aseptic meningitis	2	2	3	3	0.12
Mycoplasma pneumonia	23	23	23	28	1.12
Chlamydial pneumonia (excluding psittacosis)	1	2		2	0.08
Infectious gastroenteritis (only by Rotavirus)	1				
Influenza-Associated Hospitalizations		2	3	1	0.04

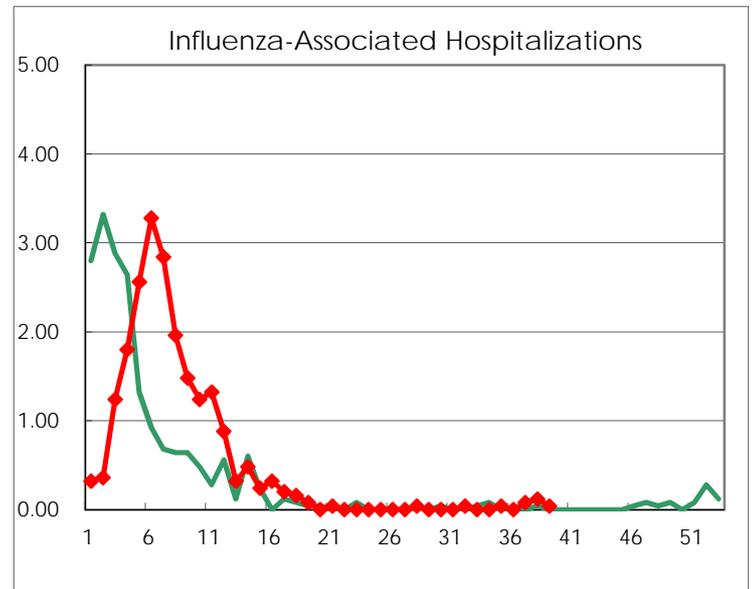
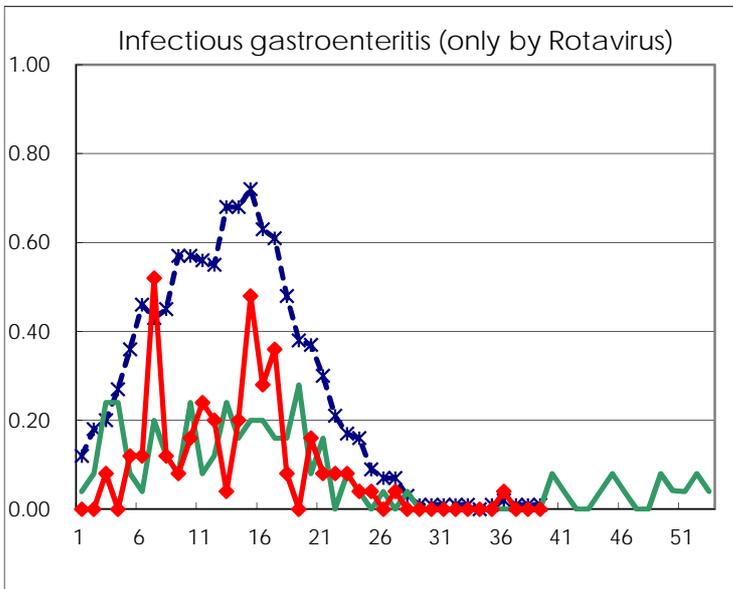
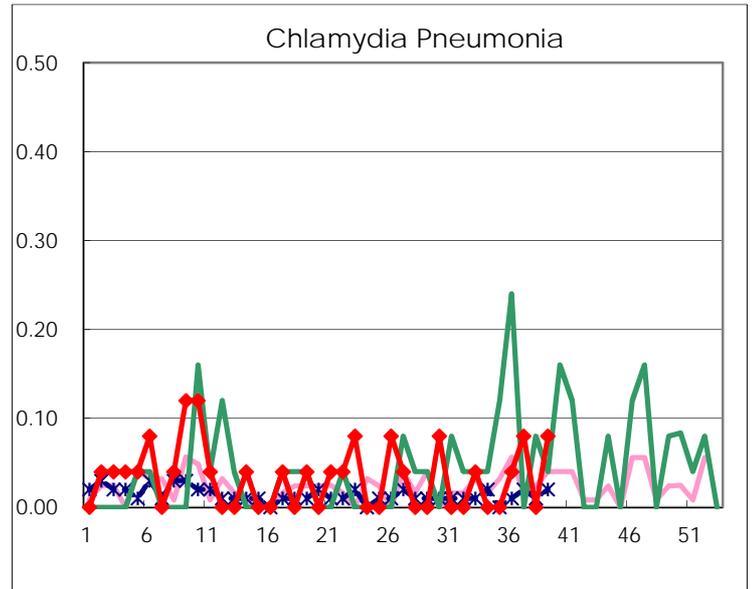
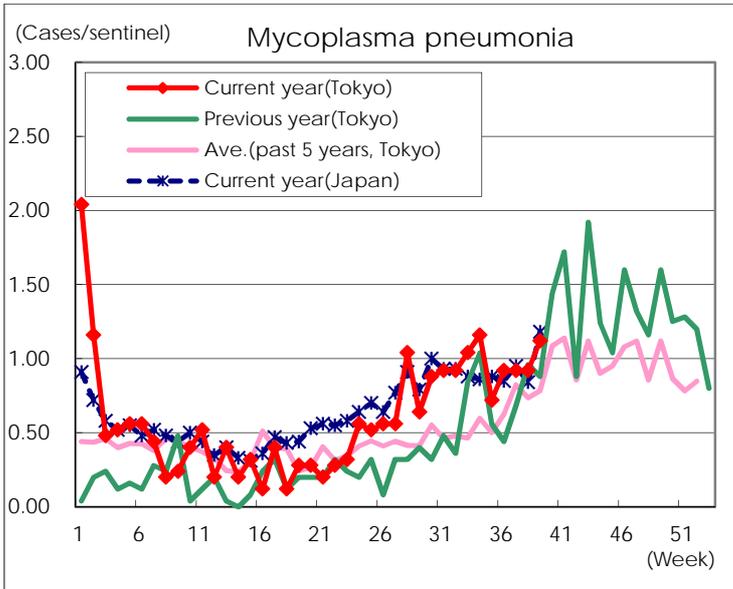
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	259
Influenza	419	410
Ophthalmic	39	39
Specially-designated	25	25