

26 October 2017 / 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 2017	42nd	Cum 2017
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	89	74	50	74	2,768	400	18,284
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera					2		7
	Shigellosis		1			29		121
	Enterohemorrhagic Escherichia coli infection	7	1	13	6	436	69	3,481
	Typhoid fever					8	2	33
	Paratyphoid fever					6		13
IV	Hepatitis E		2			49	5	259
	West Nile fever							
	Hepatitis A				2	56	6	235
	Echinococcosis					1		22
	Yellow fever							
	Psittacosis							10
	Omsk hemorrhagic fever							
	Relapsing fever		1			2		8
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					1		1
	Monkeypox							
	Zika virus infection							3
	Severe Fever with Thrombocytopenia Syndrome						2	83
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							2
	Anthrax							
	Chikungunya fever					2		3
	Scrub typhus(Tsutsugamushi disease)					3	2	116
	Dengue fever	2	1		2	59	8	213
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever					1	10	297
	Japanese encephalitis							1
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							1
	Venezuelan equine encephalitis							
Hendra virus infection								
Epidemic typhus								
Botulism					1		3	
Malaria		1		1	23	2	50	
Tularemia								
Lyme disease					1		18	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis					1		1	
Legionellosis	4	5	6	2	127	35	1,405	
Leptospirosis			1	1	8	2	37	
Rocky mountain spotted fever								

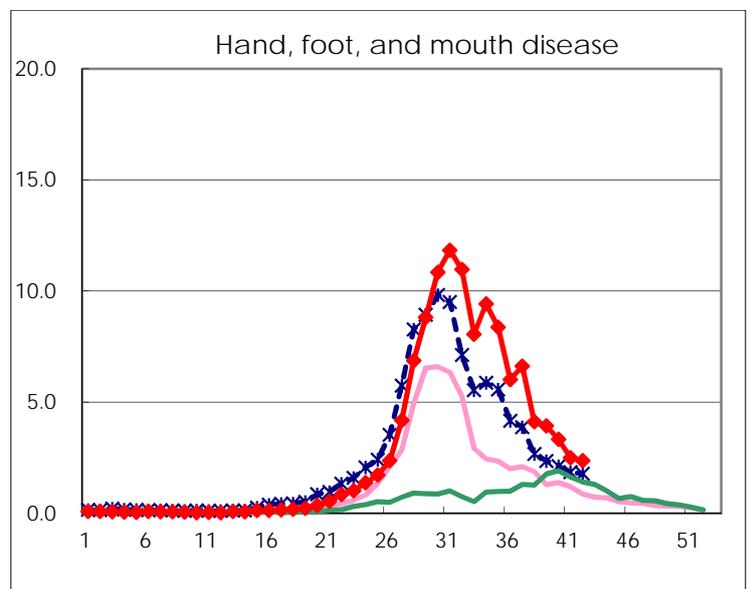
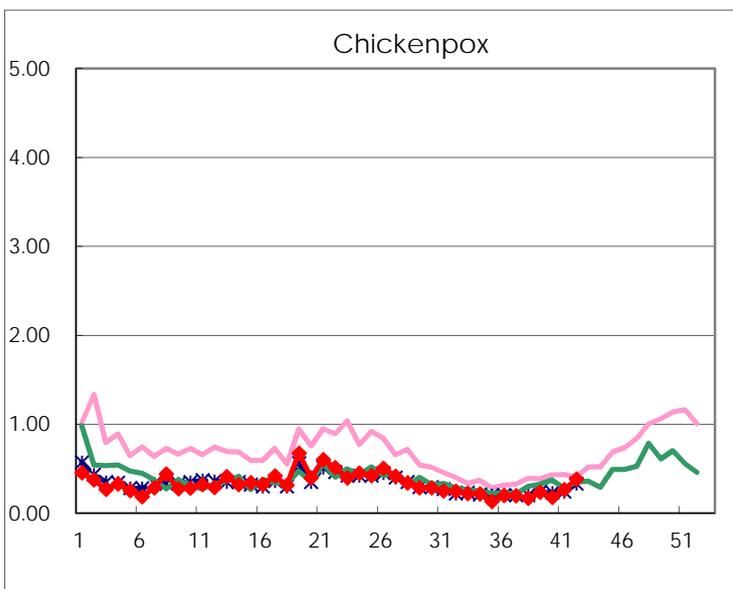
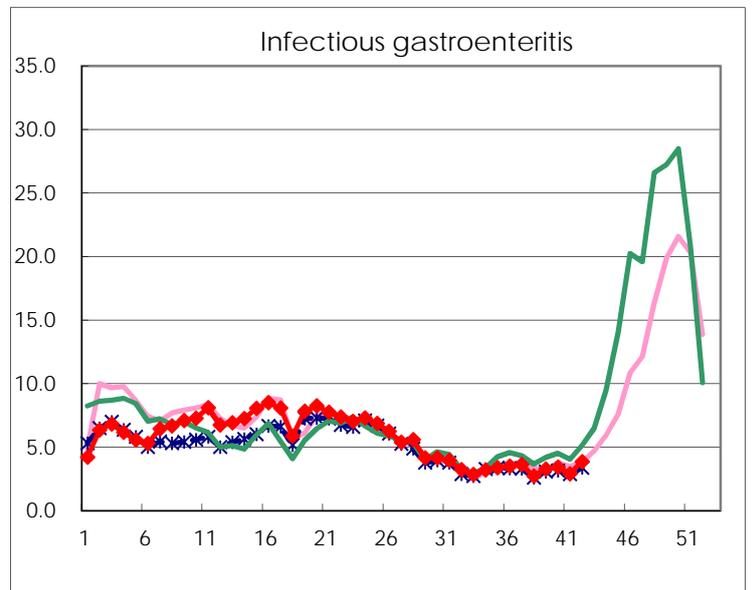
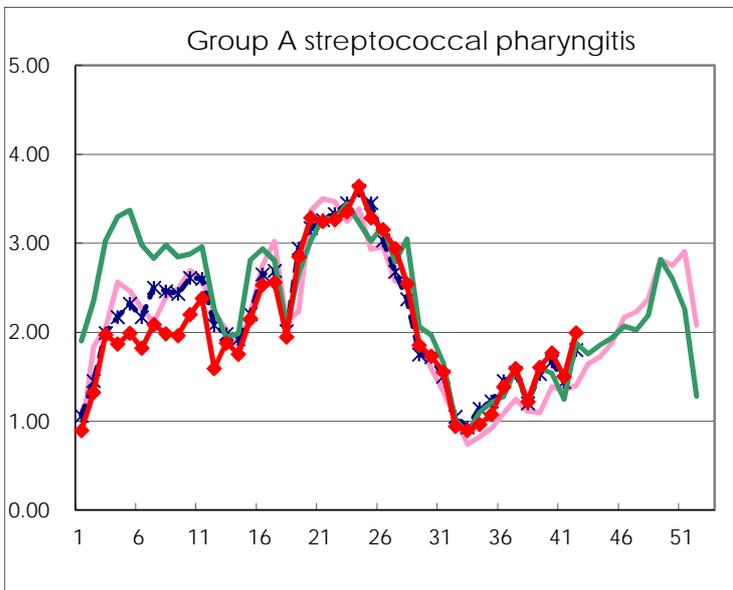
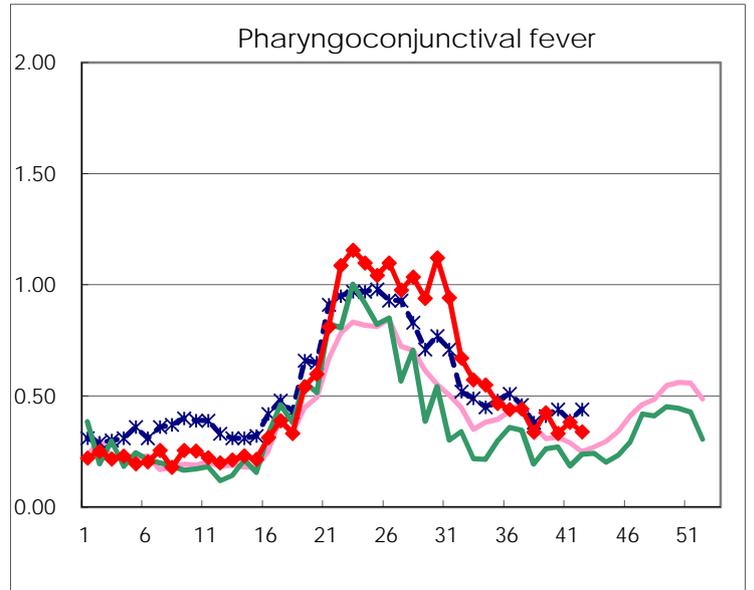
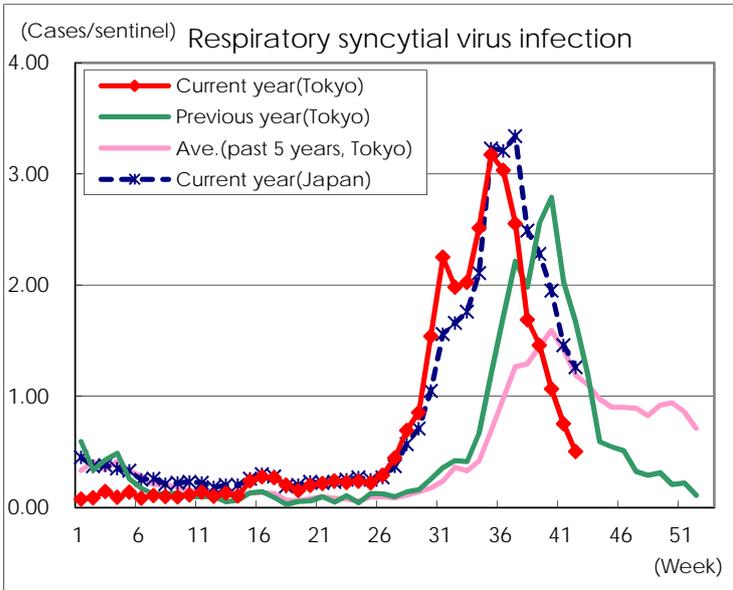
Category	Diseases	Tokyo					Japan	
		39th	40th	41st	42nd	Cum 2017	42nd	Cum 2017
V	Amebiasis	4	10	5	4	171	12	864
	Viral hepatitis(excluding hepatitis A and E)		1	1		50	2	235
	CRE infection	4	5	7	8	176	28	1,322
	Acute encephalitis(excluding JE and WNE)	1	2	1		59	1	558
	Cryptosporidiosis					1	1	11
	Creutzfeldt-Jakob disease					13	3	160
	Severe invasive streptococcal infections(TSLS)	3	1		1	58	11	444
	Acquired immunodeficiency syndrome (AIDS)	11	5	9	13	380	23	1,119
	Giardiasis					22	1	47
	Invasive <i>Haemophilus influenzae</i> disease		3			44	3	292
	Invasive meningococcal disease			1		3		23
	Invasive pneumococcal disease	5	5	5	7	326	24	2,534
	Varicella (limited to hospitalized case)		3	3		43	2	247
	Congenital rubella syndrome							
	Syphilis	51	27	26	31	1,440	61	4,568
	Disseminated cryptococcosis				1	12		106
	Tetanus				1	5	2	106
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection					7	1	66
	Rubella			1		21		75
Measles	1	1			28	2	188	
MDRA infection		1			3		19	

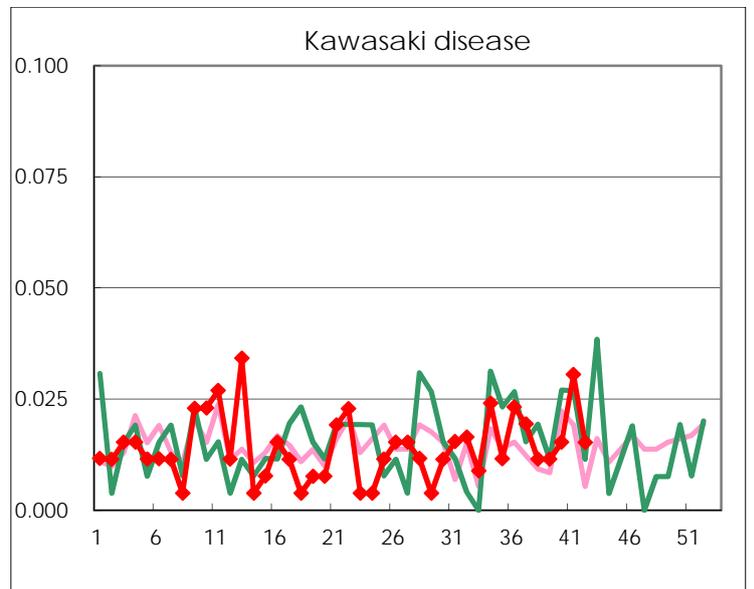
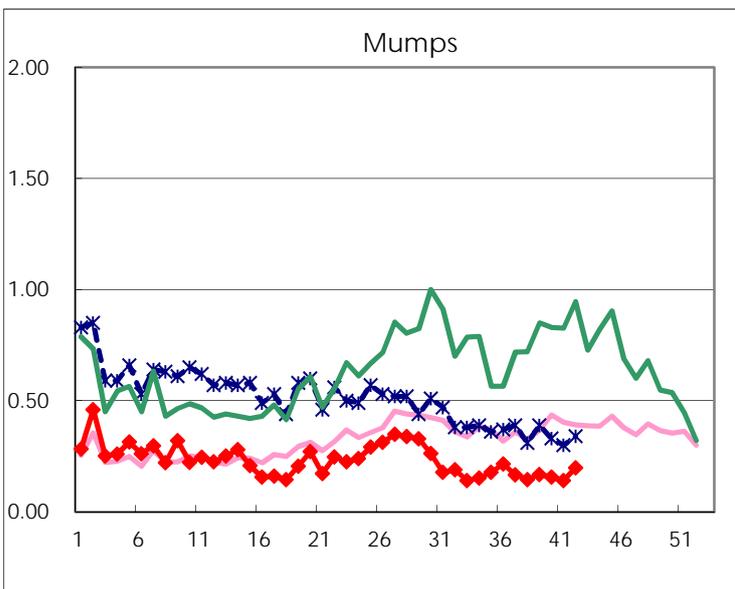
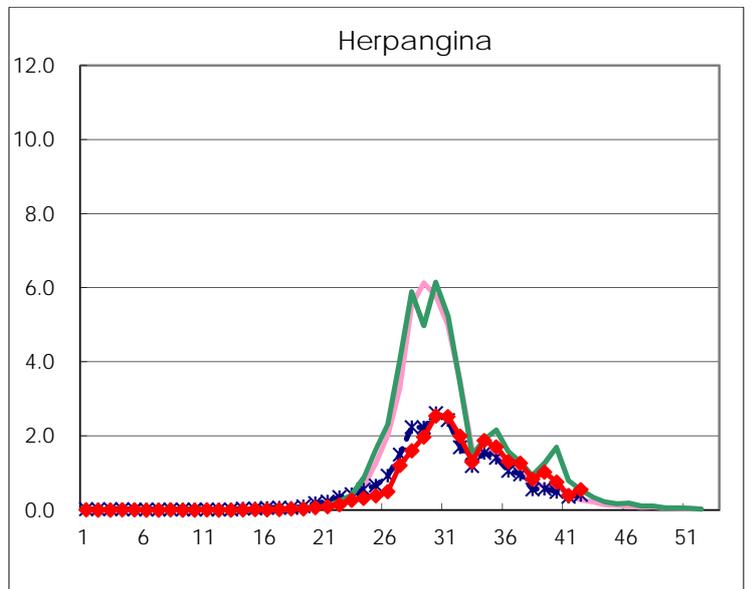
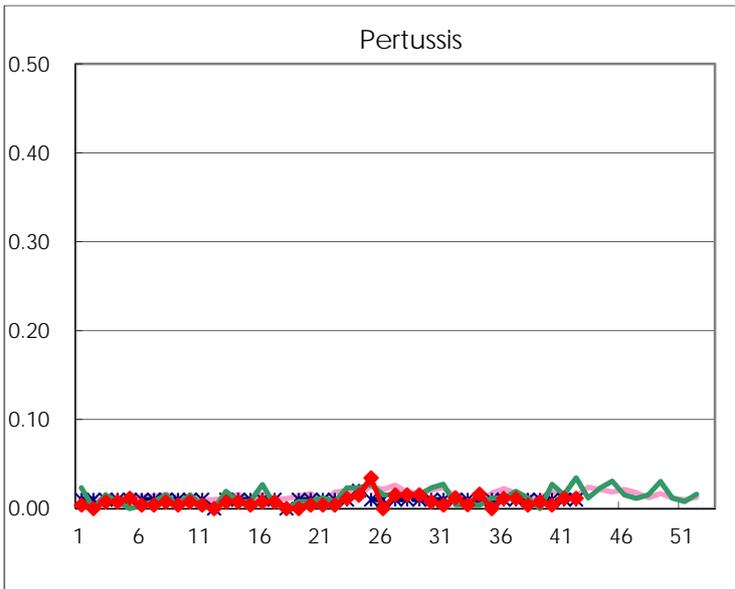
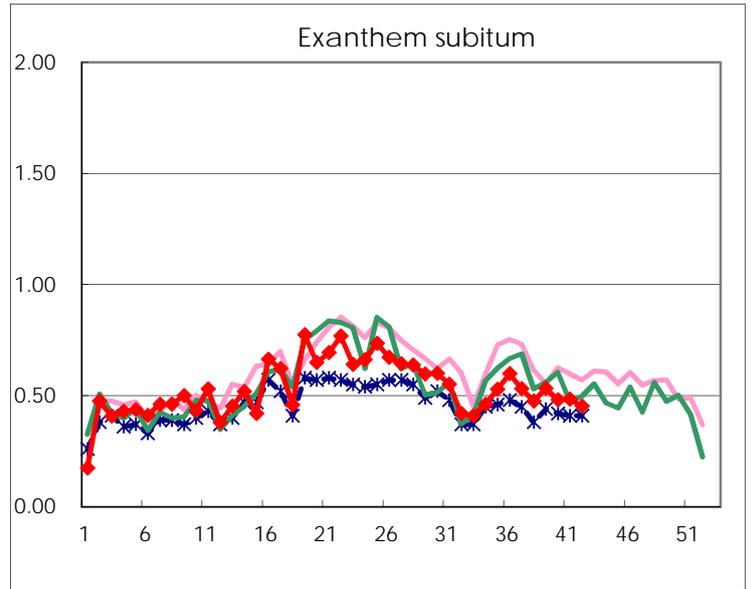
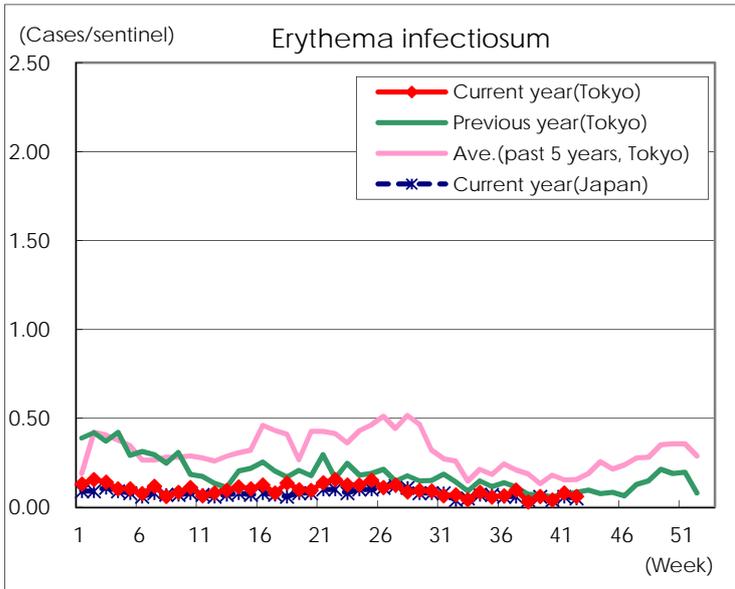
Number of patients with the diseases to be reported
by the designated clinics and hospitals

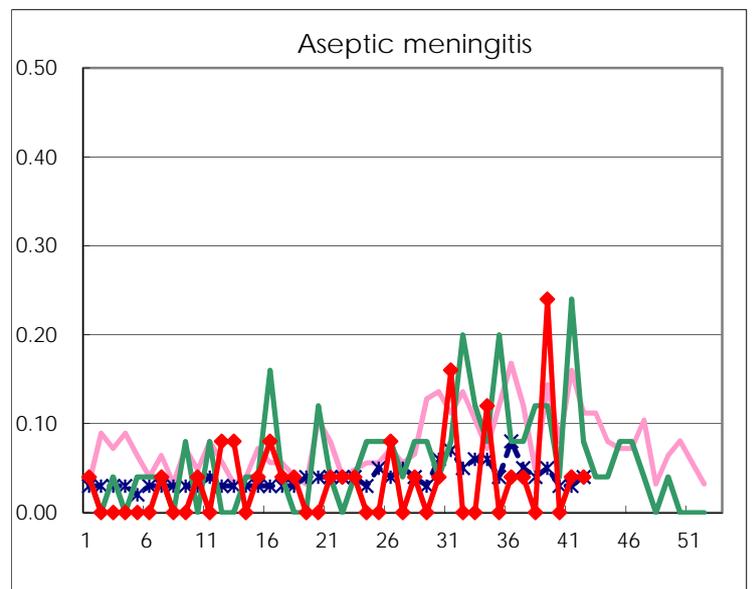
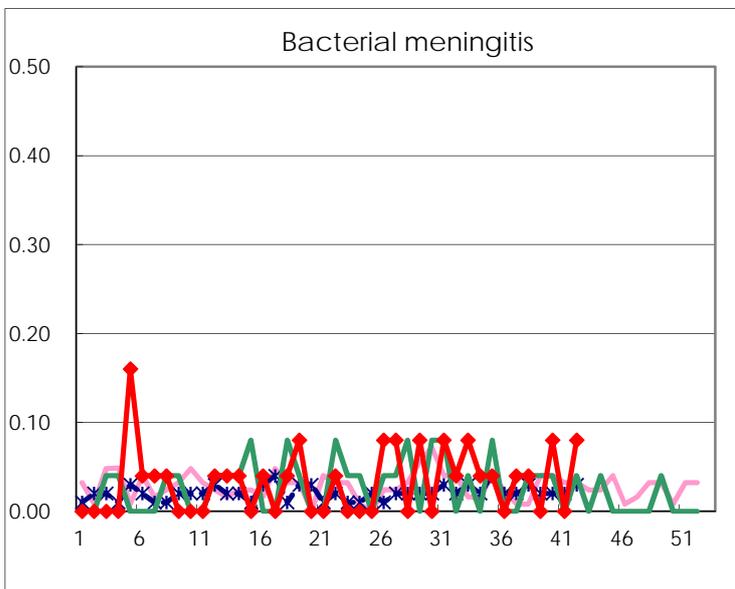
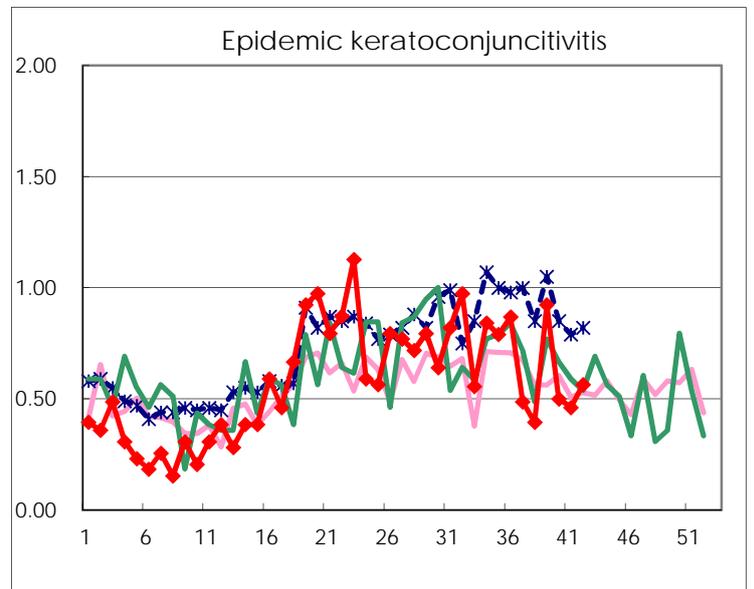
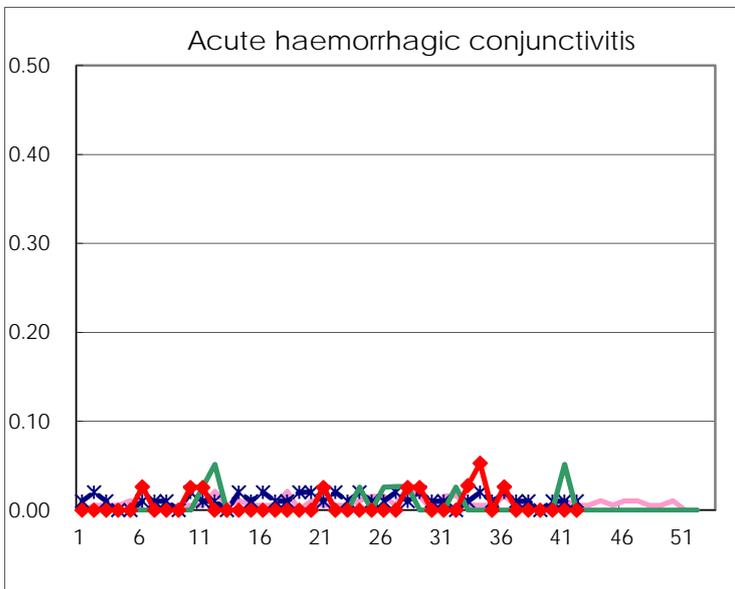
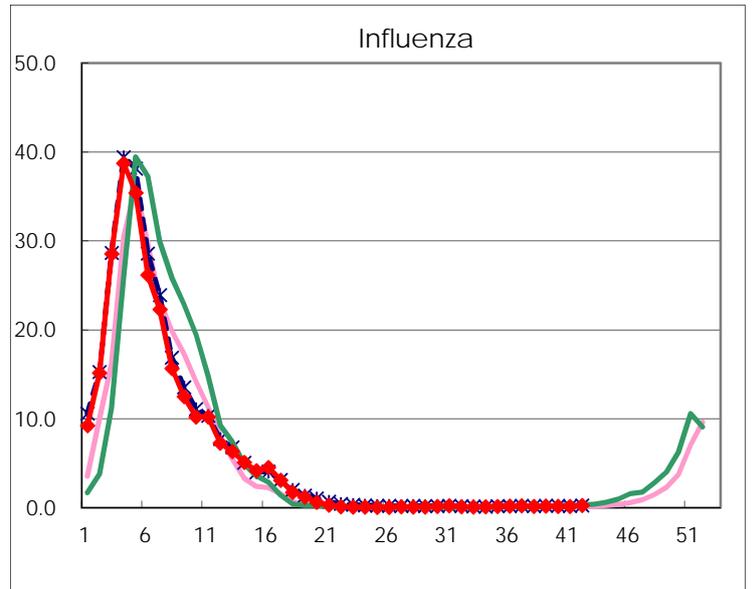
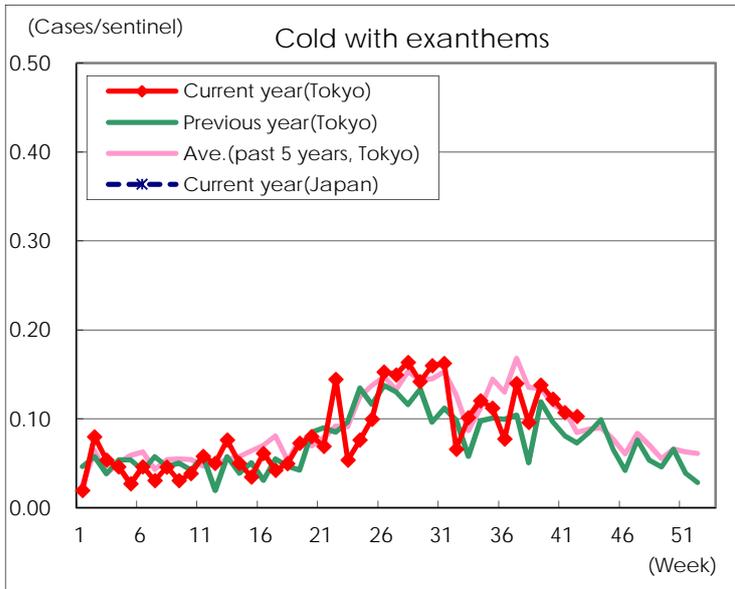
Diseases	Tokyo				
	39th	40th	41st	42nd	/sentinel
Respiratory syncytial virus infection	381	279	197	132	0.50
Pharyngoconjunctival fever	111	87	100	89	0.34
Group A streptococcal pharyngitis	419	463	393	524	1.99
Infectious gastroenteritis	856	895	755	1,015	3.86
Chickenpox	61	46	69	100	0.38
Hand, foot, and mouth disease	1,026	872	656	623	2.37
Erythema infectiosum	16	11	21	16	0.06
Exanthem subitum	139	126	127	119	0.45
Pertussis	2	1	3	3	0.01
Herpangina	268	198	105	146	0.56
Mumps	44	41	37	52	0.20
Kawasaki disease	3	4	8	4	0.02
Cold with exanthems	36	32	28	27	0.10
Influenza	79	56	68	98	0.24
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	36	19	18	22	0.56
Bacterial meningitis		2		2	0.08
Aseptic meningitis	6		1	1	0.04
Mycoplasma pneumonia	6	1	9	7	0.28
Chlamydial pneumonia (excluding psittacosis)		2			
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations	3				

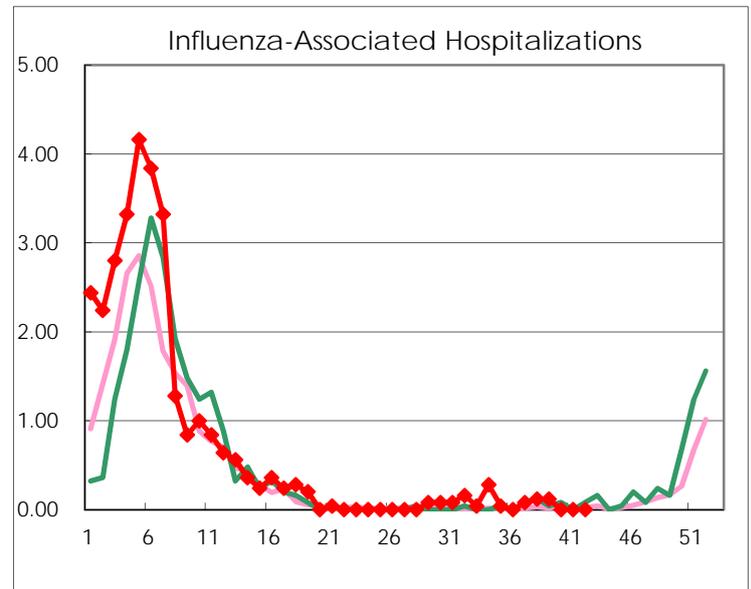
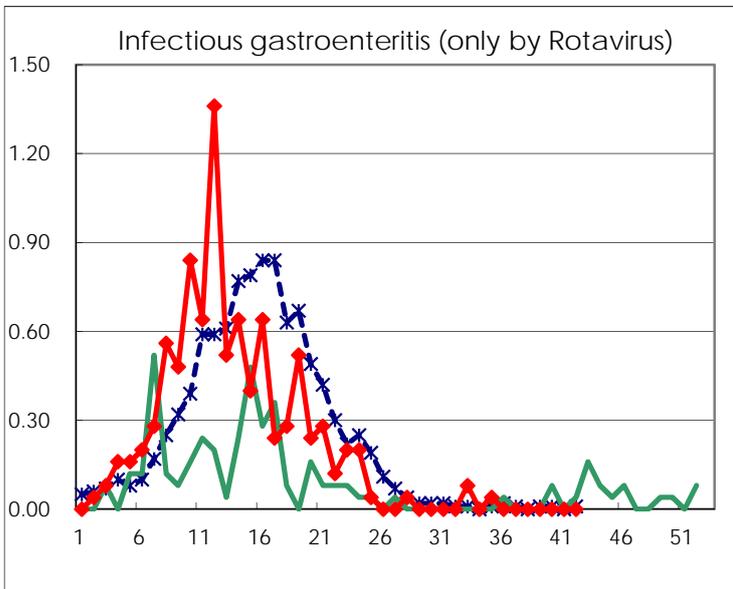
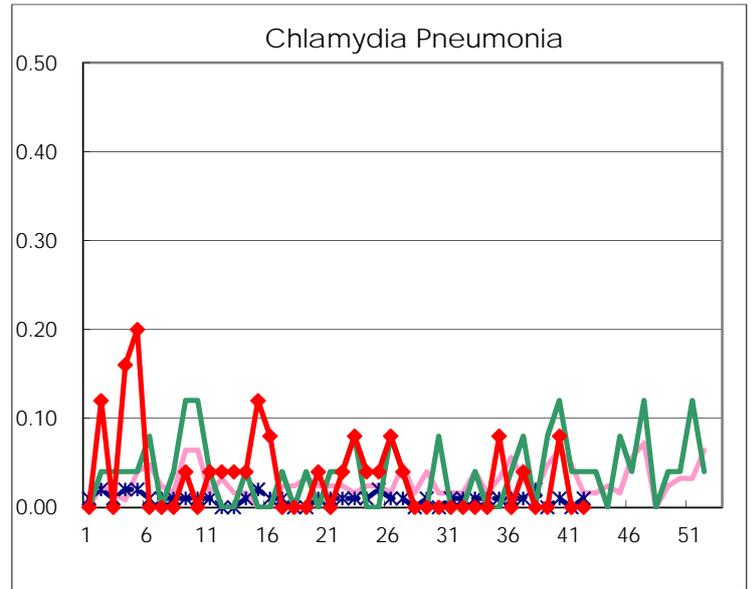
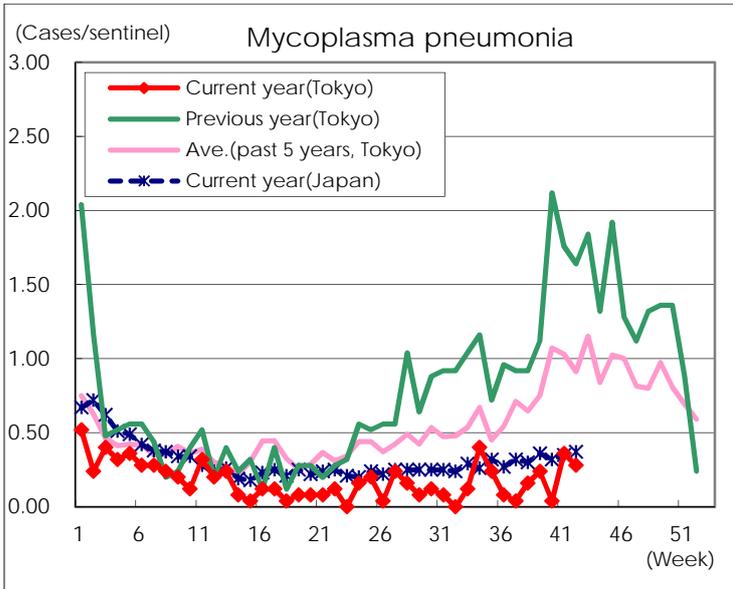
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Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	263
Influenza	419	410
Ophthalmic	39	39
Specially-designated	25	25