

## 15 September 2016 / Number 36

### 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.

Tokyo Metropolitan Institute of Public Health

TEL:81-3-3363-3213 FAX:81-3-5332-7365

e-mail:[www@tokyo-eiken.go.jp](mailto:www@tokyo-eiken.go.jp)

URL:[idsc.tokyo-eiken.go.jp/](http://idsc.tokyo-eiken.go.jp/)

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Number of patients with the diseases which all physicians must report

Category	Diseases	Tokyo					Japan	
		33rd	34th	35th	36th	Cum 2016	36th	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	65	61	64	62	2,526	377	16,649
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera				1	1	1	6
	Shigellosis	3			1	31	1	90
	Enterohemorrhagic Escherichia coli infection	16	28	38	49	347	191	2,575
	Typhoid fever					15	1	32
	Paratyphoid fever					5		12
IV	Hepatitis E	2				30	7	289
	West Nile fever							
	Hepatitis A				1	54	3	215
	Echinococcosis							14
	Yellow fever							
	Psittacosis					1		4
	Omsk hemorrhagic fever							
	Relapsing fever							7
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					2		3
	Monkeypox							
	Zika virus infection							7
	Severe Fever with Thrombocytopenia Syndrome							40
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							1
	Anthrax							
	Chikungunya fever					3	2	8
	Scrub typhus(Tsutsugamushi disease)						2	93
	Dengue fever	1	4	4	4	64	7	244
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						9	146
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis					1		1
	Venezuelan equine encephalitis							
Hendra virus infection								
Epidemic typhus								
Botulism					1		3	
Malaria	1	1		2	15	4	37	
Tularemia								
Lyme disease							5	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	3		3	10	88	40	989	
Leptospirosis		2	1	1	5	2	30	
Rocky mountain spotted fever								

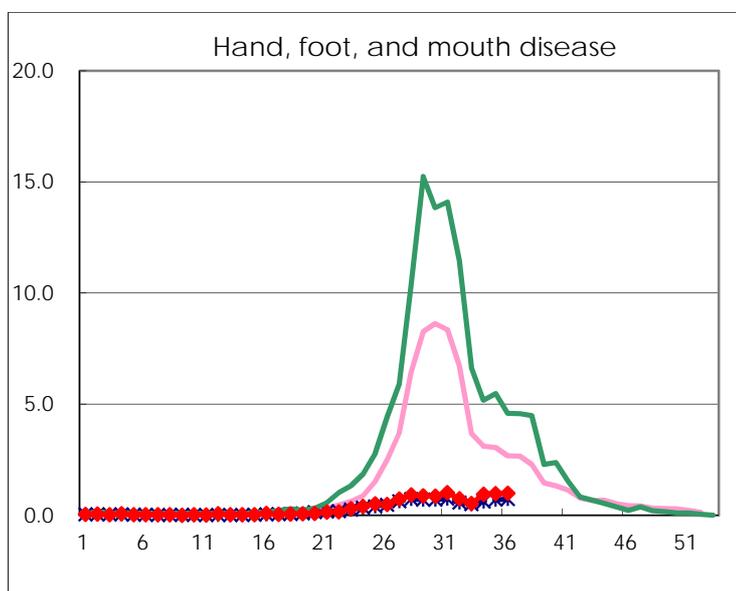
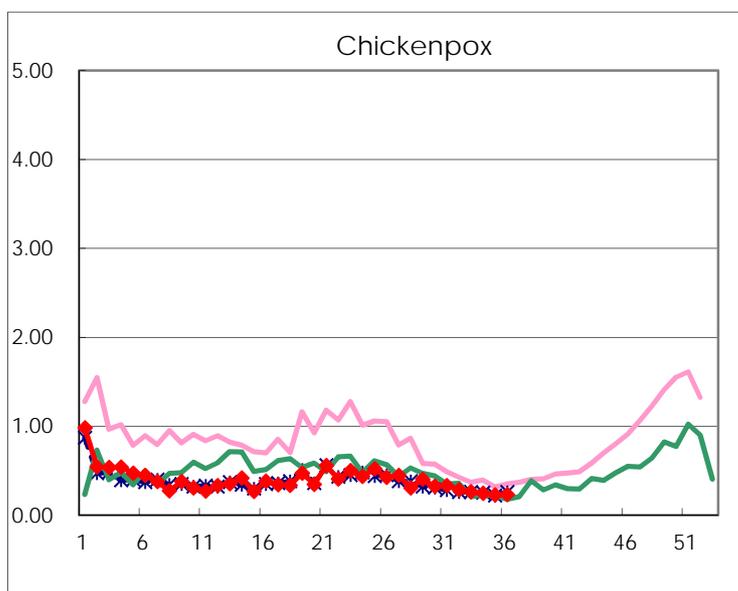
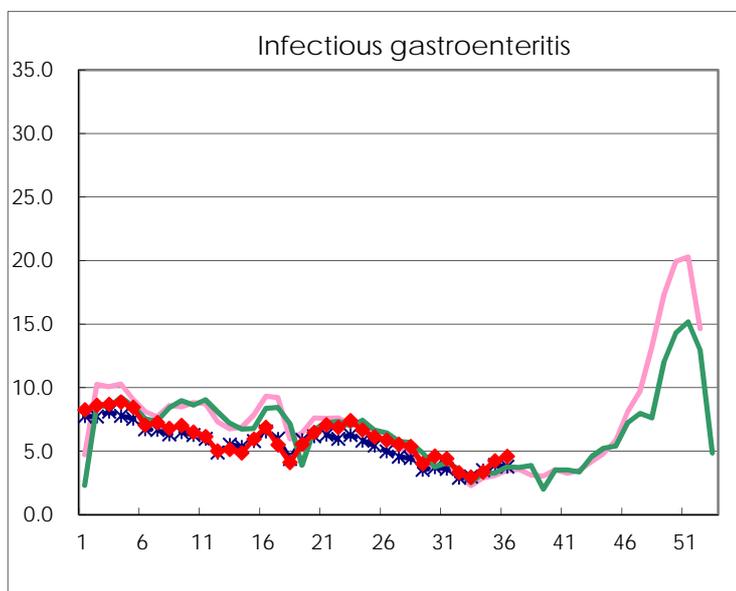
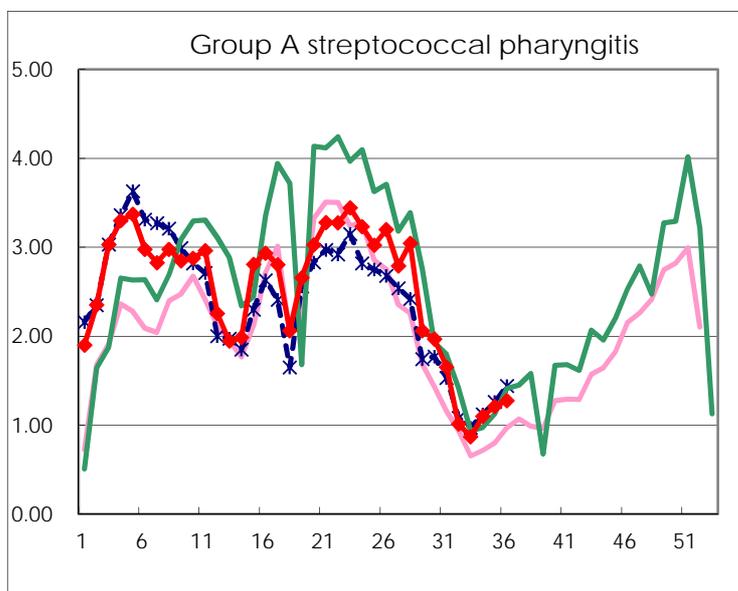
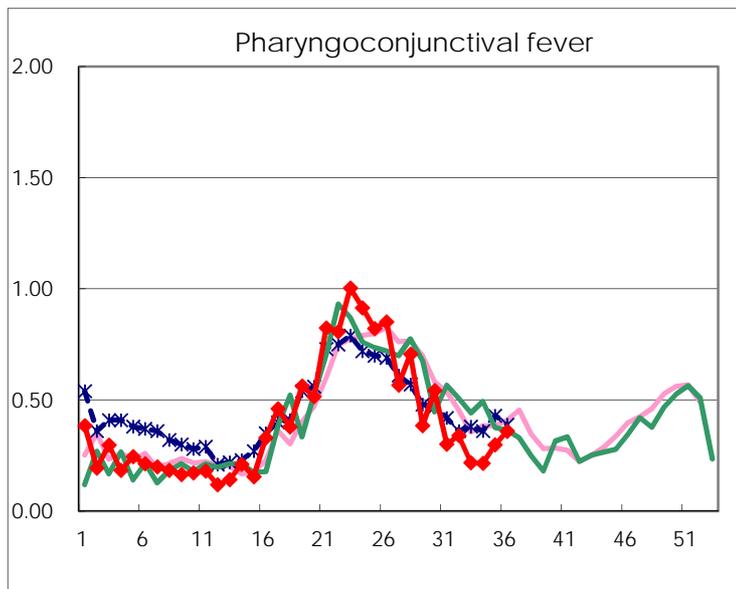
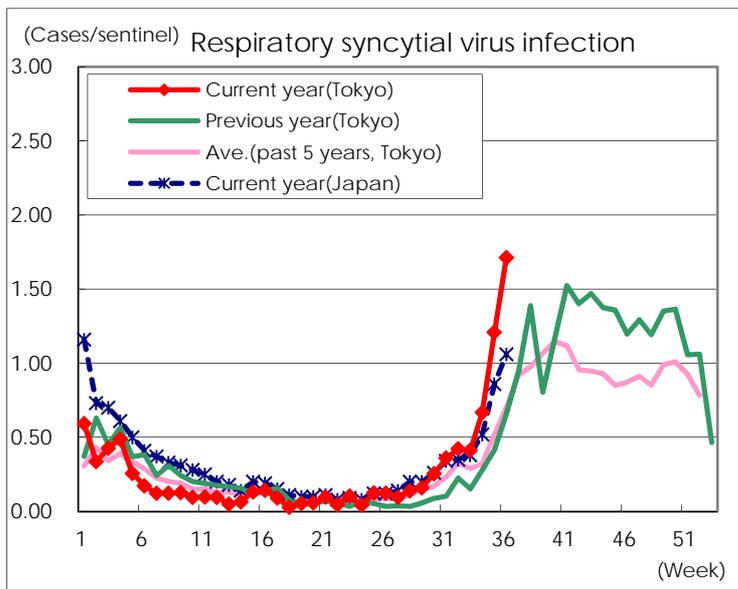
Category	Diseases	Tokyo					Japan	
		33rd	34th	35th	36th	Cum 2016	36th	Cum 2016
V	Amebiasis	8	6	2	3	157	17	801
	Viral hepatitis(excluding hepatitis A and E)	1	4	1	1	51	5	194
	CRE infection	8	2	2	6	129	22	999
	Acute encephalitis(excluding JE and WNE)	1	1	3	2	76	9	587
	Cryptosporidiosis							9
	Creutzfeldt-Jakob disease					11	1	125
	Severe invasive streptococcal infections(TSLS)	1	4	3	2	52	9	364
	Acquired immunodeficiency syndrome (AIDS)	11	13	11	8	337	14	979
	Giardiasis			1		13	1	45
	Invasive <i>Haemophilus influenzae</i> disease	1			2	36	6	225
	Invasive meningococcal disease					3	2	33
	Invasive pneumococcal disease	5	2	3	2	250	13	1,869
	Varicella (limited to hospitalized case)	1	1	1		37		209
	Congenital rubella syndrome							
	Syphilis	39	37	34	39	1,190	68	2,991
	Disseminated cryptococcosis					10	1	85
	Tetanus			1		4	4	87
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection		1	1		2		38
	Rubella		1			13	2	99
Measles	1		5		11	23	115	
MDRA infection					1		25	

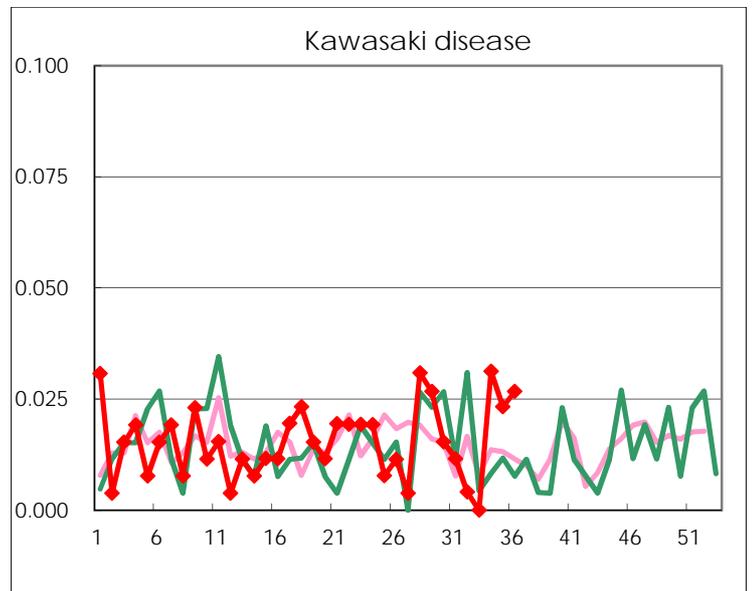
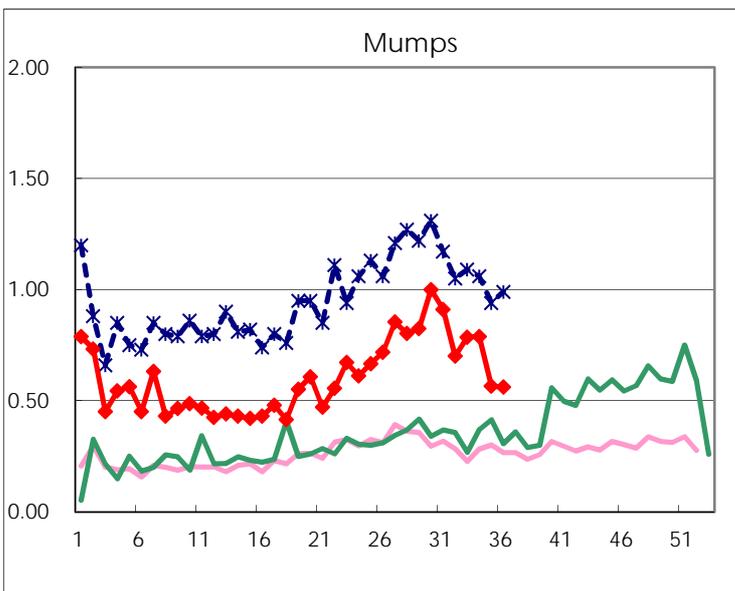
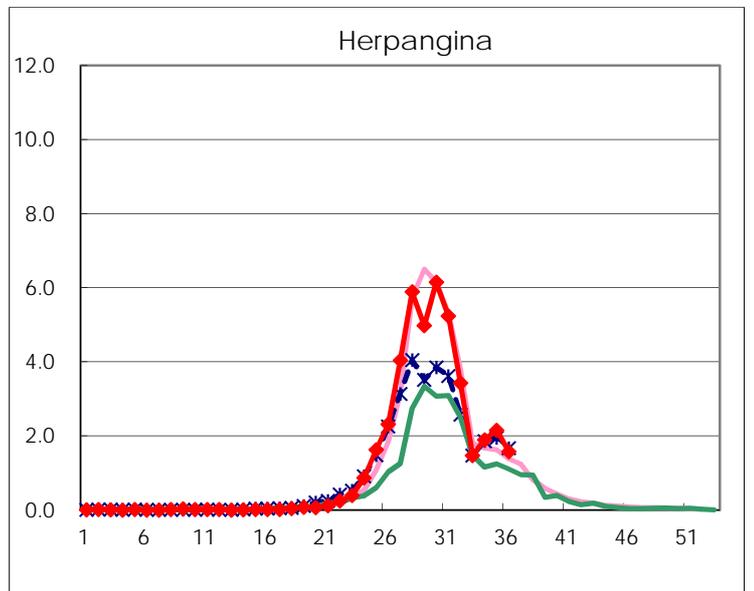
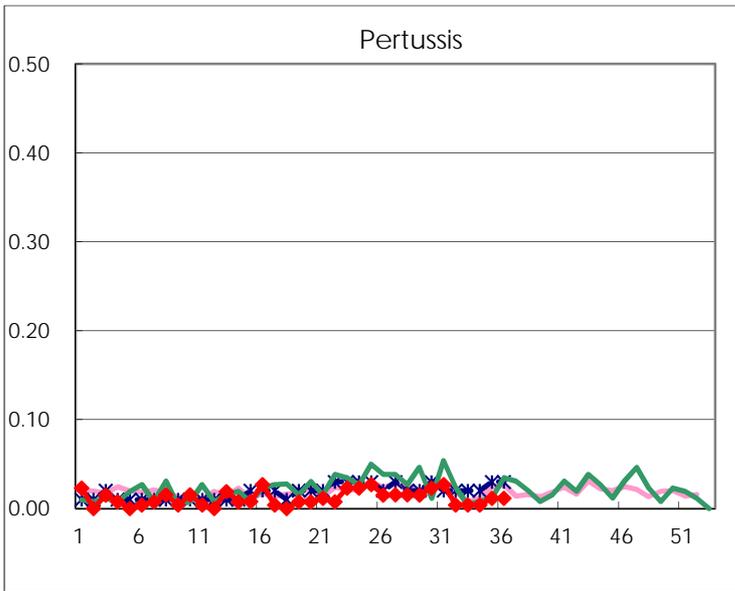
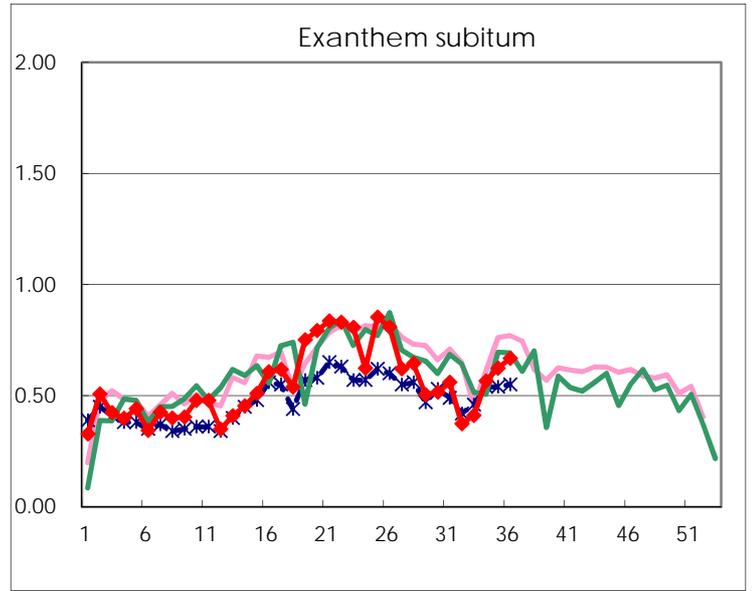
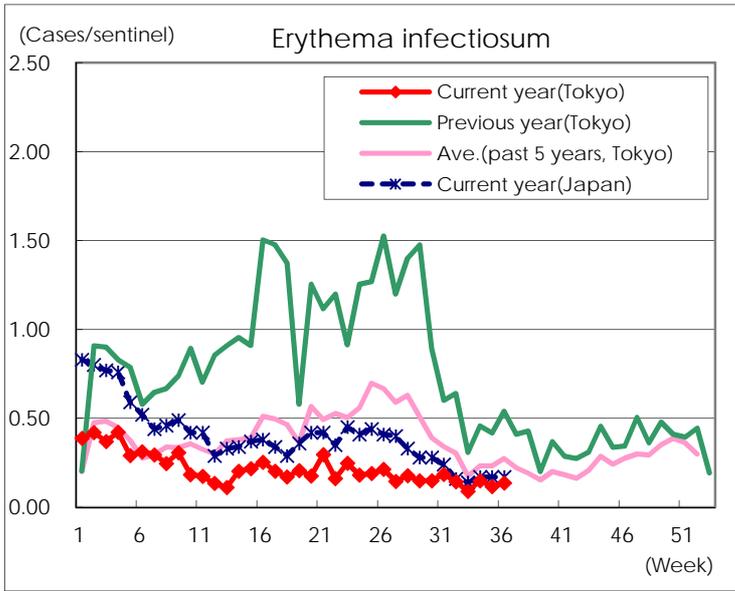
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

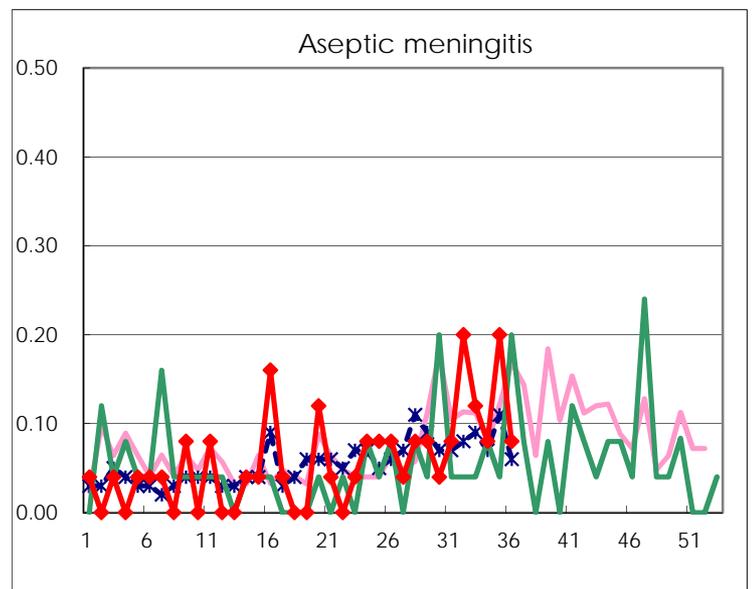
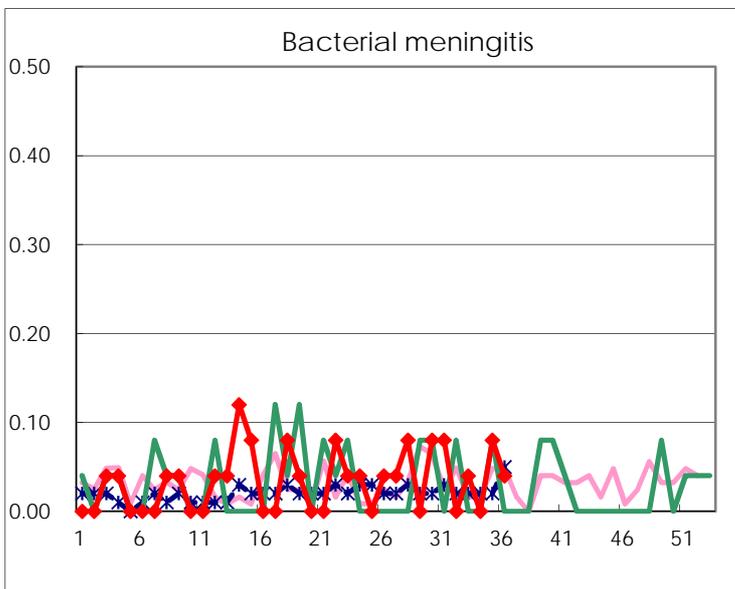
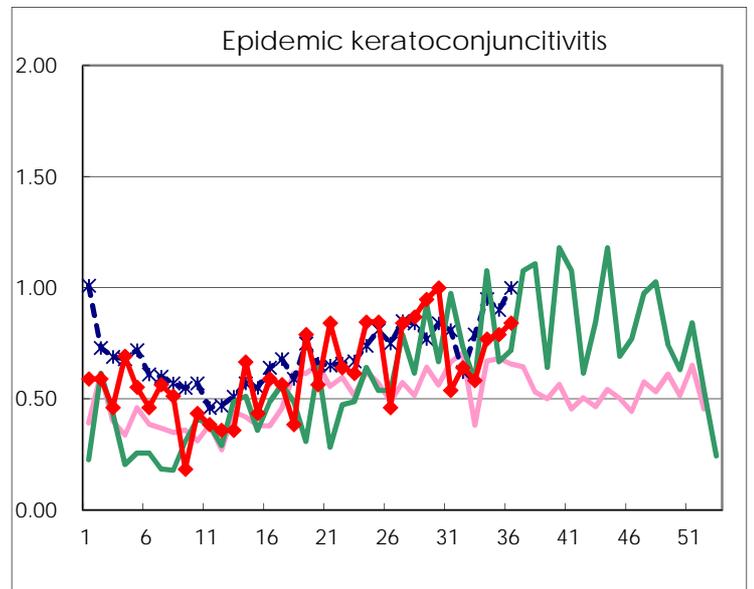
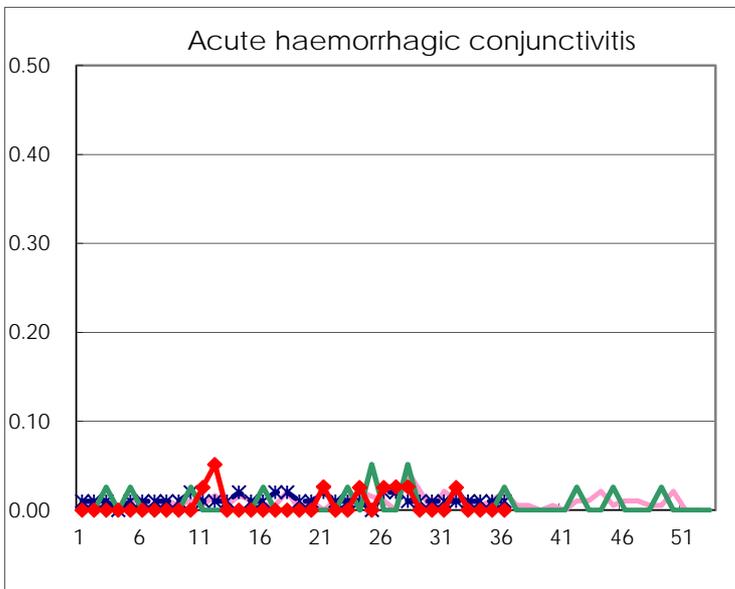
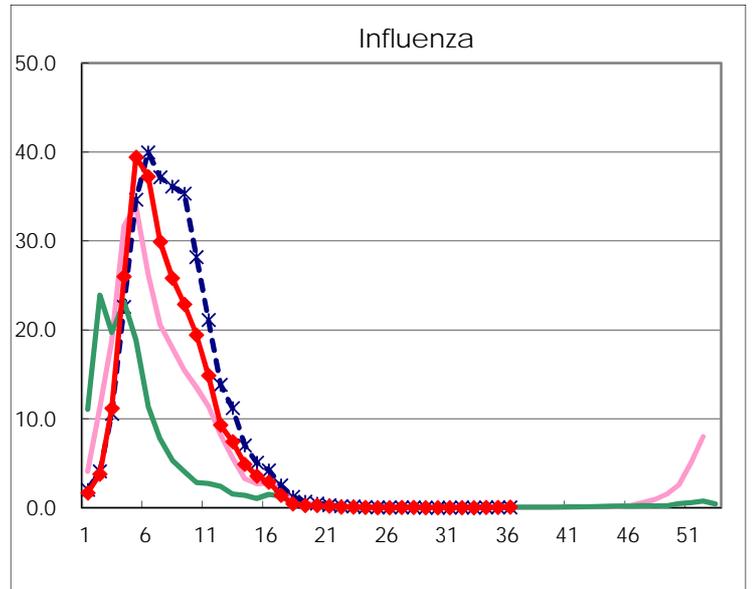
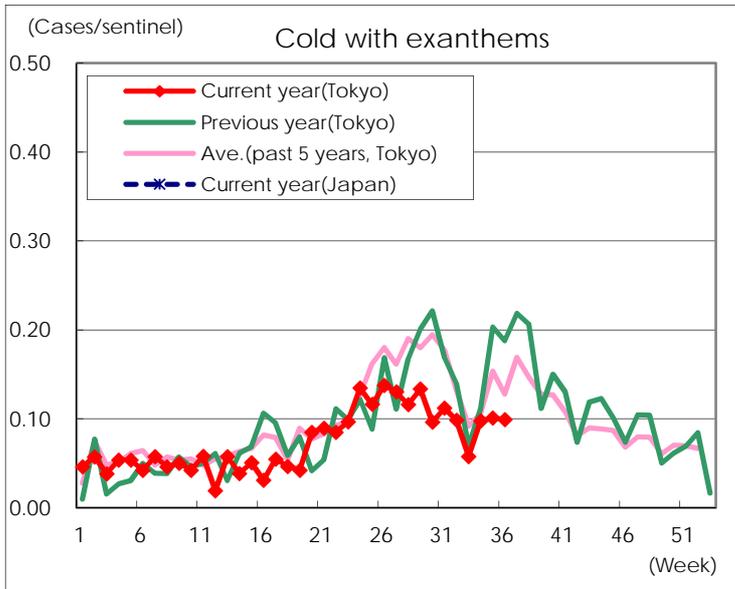
Diseases	Tokyo				
	33rd	34th	35th	36th	/sentinel
Respiratory syncytial virus infection	100	171	312	449	1.71
Pharyngoconjunctival fever	53	55	77	94	0.36
Group A streptococcal pharyngitis	211	281	312	334	1.27
Infectious gastroenteritis	718	855	1,092	1,198	4.57
Chickenpox	64	63	58	60	0.23
Hand, foot, and mouth disease	129	243	253	259	0.99
Erythema infectiosum	22	38	30	36	0.14
Exanthem subitum	100	145	161	175	0.67
Pertussis	1	1	3	3	0.01
Herpangina	359	486	556	414	1.58
Mumps	191	202	146	147	0.56
Kawasaki disease		8	6	7	0.03
Cold with exanthems	14	25	26	26	0.10
Influenza	4	15	13	31	0.07
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	21	30	30	32	0.84
Bacterial meningitis	1		2	1	0.04
Aseptic meningitis	3	2	5	2	0.08
Mycoplasma pneumonia	26	29	18	23	0.92
Chlamydial pneumonia (excluding psittacosis)	1			1	0.04
Infectious gastroenteritis (only by Rotavirus)				1	0.04
Influenza-Associated Hospitalizations			1		

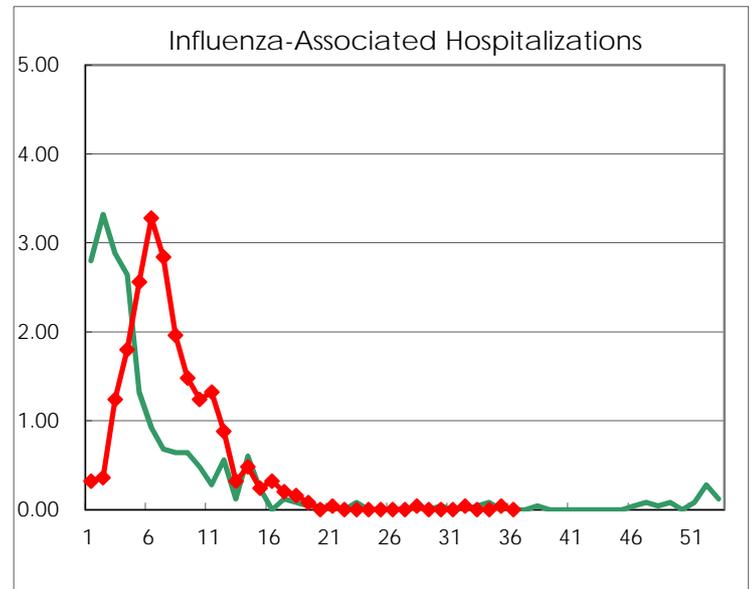
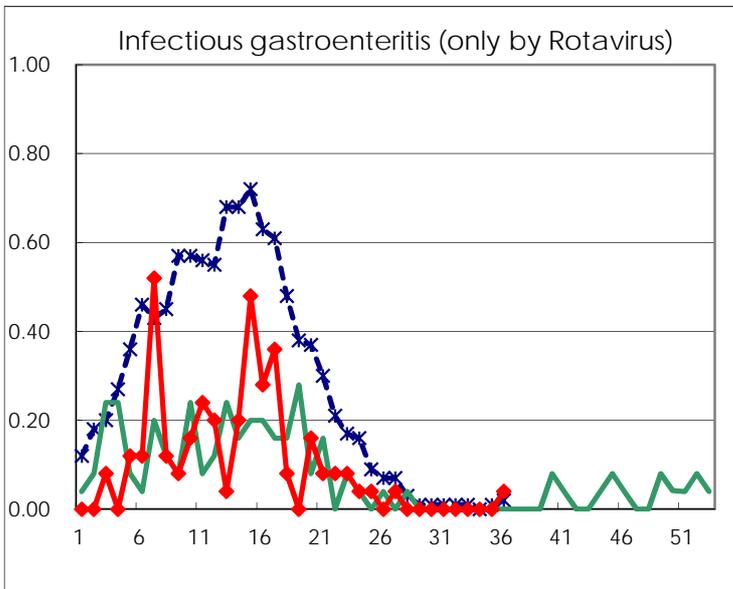
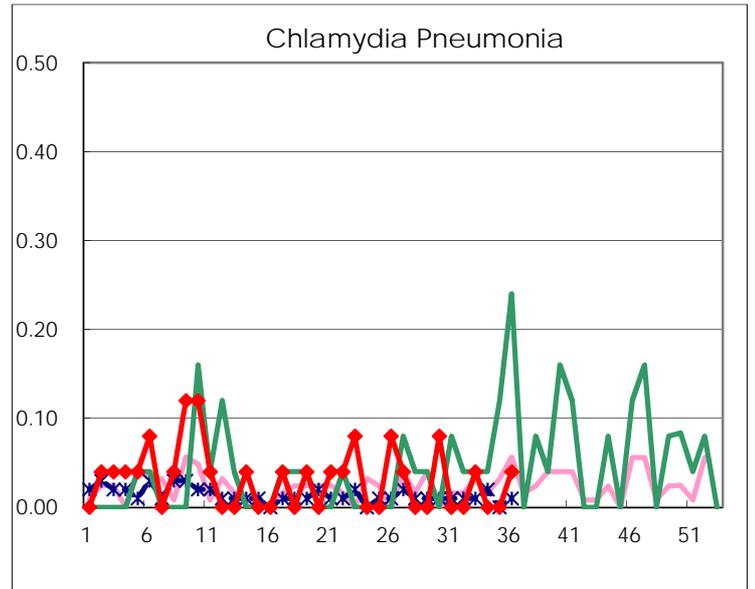
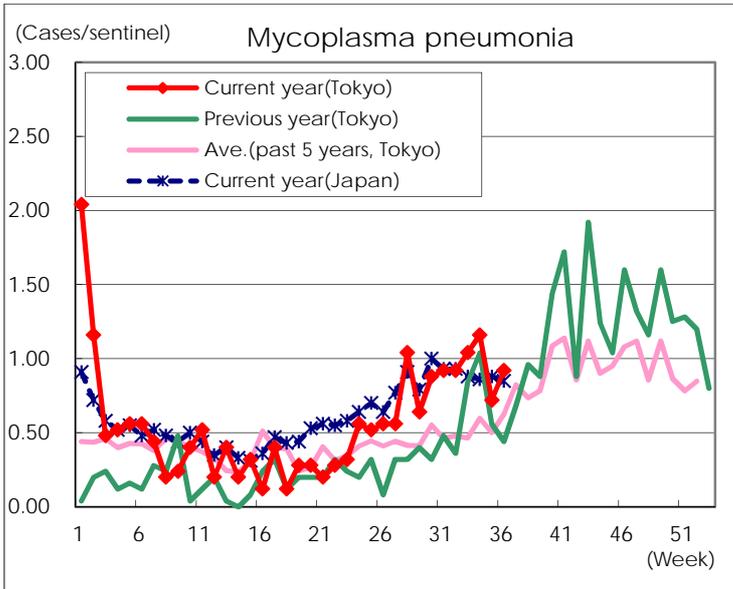
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	262
Influenza	419	414
Ophthalmic	39	38
Specially-designated	25	25