

## 4 February 2016 / Number 4

### 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	
		1st	2nd	3rd	4th	Cum 2016	4th	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	69	57	70	52	248	327	1,438
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
III	Avian influenza H5N1							
	Avian influenza H7N9							
	Cholera							
	Shigellosis	1	1			2	2	9
	Enterohemorrhagic Escherichia coli infection	1	3		2	6	18	58
IV	Typhoid fever		2	1		3	1	5
	Paratyphoid fever		2			2	2	2
	Hepatitis E	2		1	1	4	4	30
	West Nile fever							
	Hepatitis A			2		2	9	19
	Echinococcosis							
	Yellow fever							
	Psittacosis							
	Omsk hemorrhagic fever							
	Relapsing fever						1	1
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Severe Fever with Thrombocytopenia Syndrome							1
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							
	Scrub typhus(Tsutsugamushi disease)						3	29
	Dengue fever	3	3		2	8	2	23
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever							1
	Japanese encephalitis							
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
Glanders								
Brucellosis								
Venezuelan equine encephalitis								
Hendra virus infection								
Epidemic typhus								
Botulism								
Malaria								
Tularemia								
Lyme disease								
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis	2	1	3	1	7	18	86	
Leptospirosis							1	
Rocky mountain spotted fever								

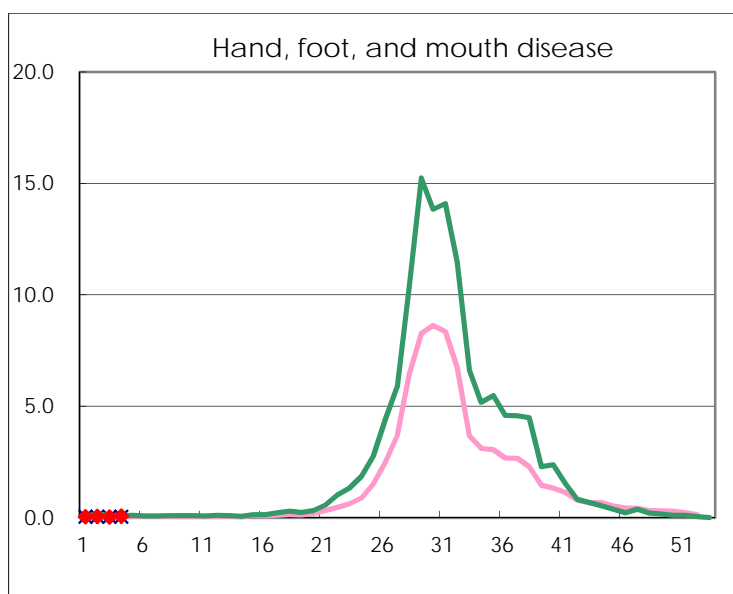
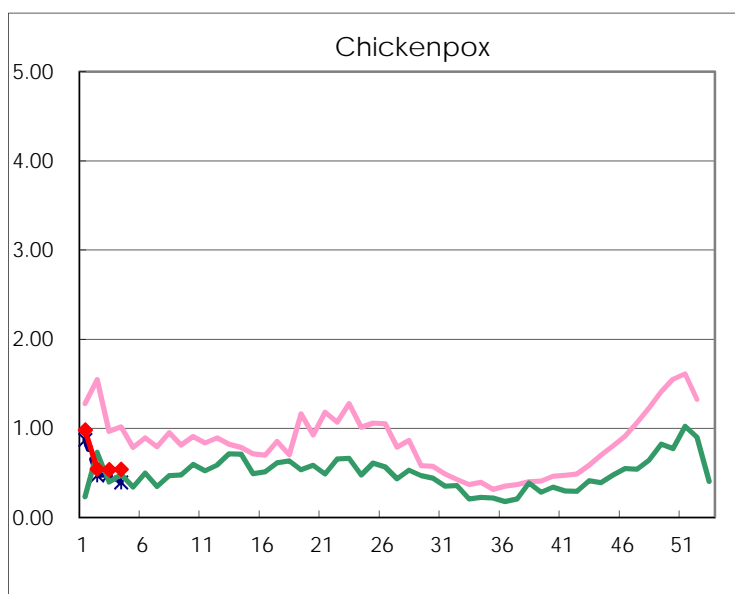
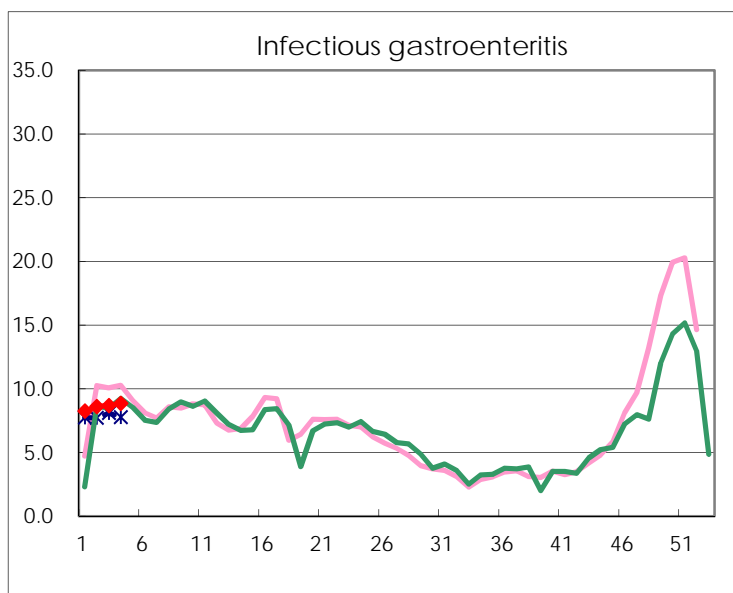
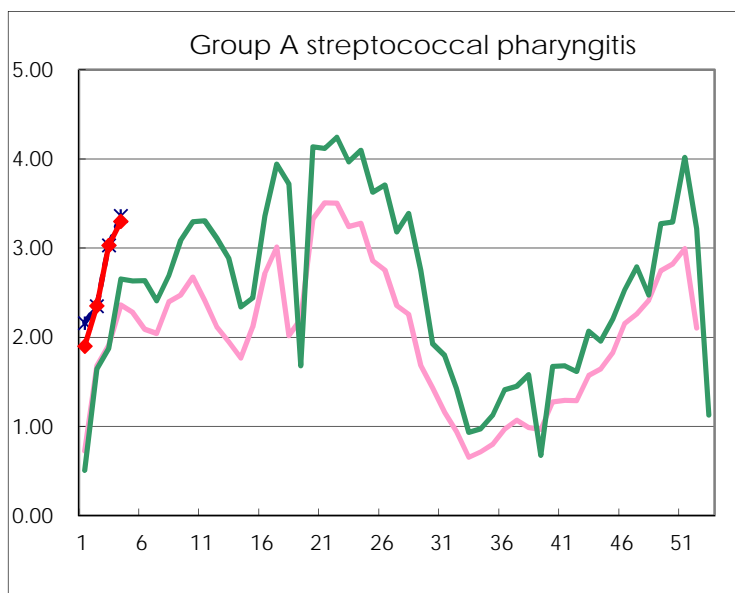
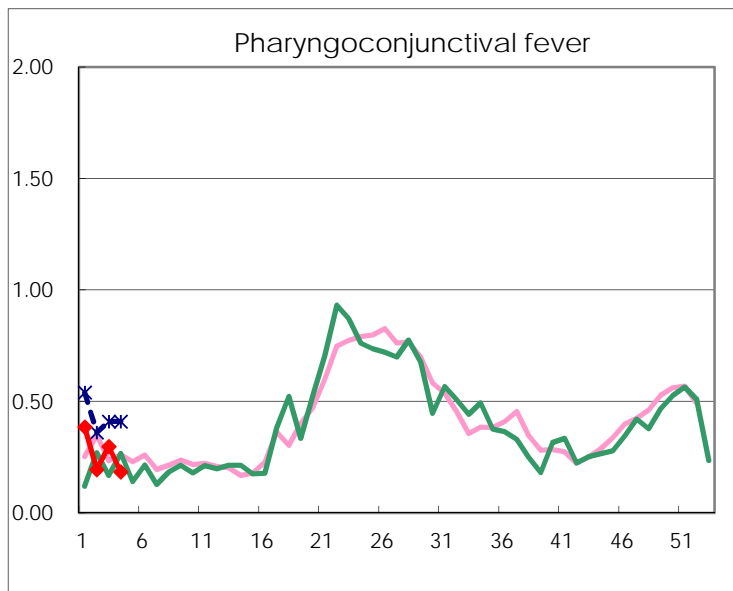
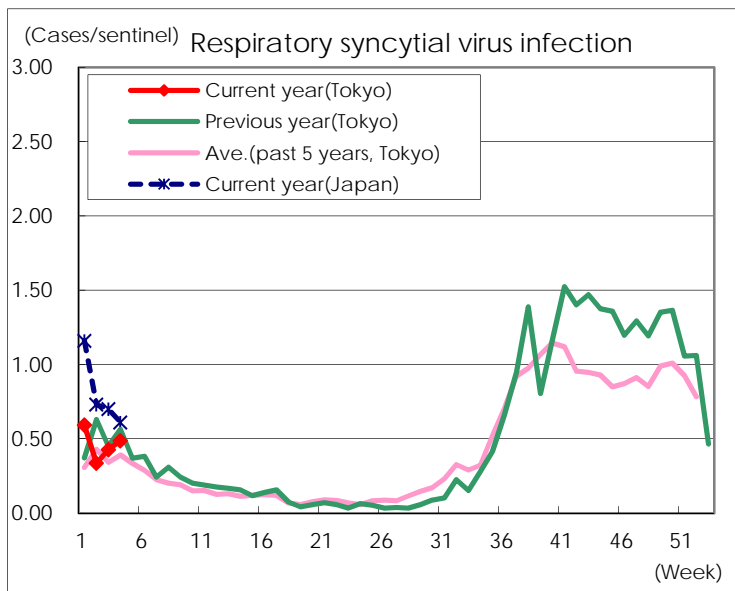
Category	Diseases	Tokyo					Japan	
		1st	2nd	3rd	4th	Cum 2016	4th	Cum 2016
V	Amebiasis	2	6	3	10	21	23	95
	Viral hepatitis(excluding hepatitis A and E)	1	1		3	5	6	18
	CRE infection	2	3	5	9	19	19	111
	Acute encephalitis(excluding JE and WNE)	4	2	3	4	13	18	59
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease	1		1		2	3	16
	Severe invasive streptococcal infections(TSLS)	1	4	4	1	10	8	44
	Acquired immunodeficiency syndrome (AIDS)	10	11	7	9	37	22	101
	Giardiasis	1			1	2	1	5
	Invasive <i>Haemophilus influenzae</i> disease	1		1	2	4	6	30
	Invasive meningococcal disease						1	5
	Invasive pneumococcal disease	6	14	9	7	36	36	250
	Varicella (limited to hospitalized case)	3	1	1	1	6	5	26
	Congenital rubella syndrome							
	Syphilis	29	40	23	38	130	53	247
	Disseminated cryptococcosis			1		1	2	11
	Tetanus						2	6
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection						1	3
	Rubella						3	6
Measles							1	
MDRA infection							1	

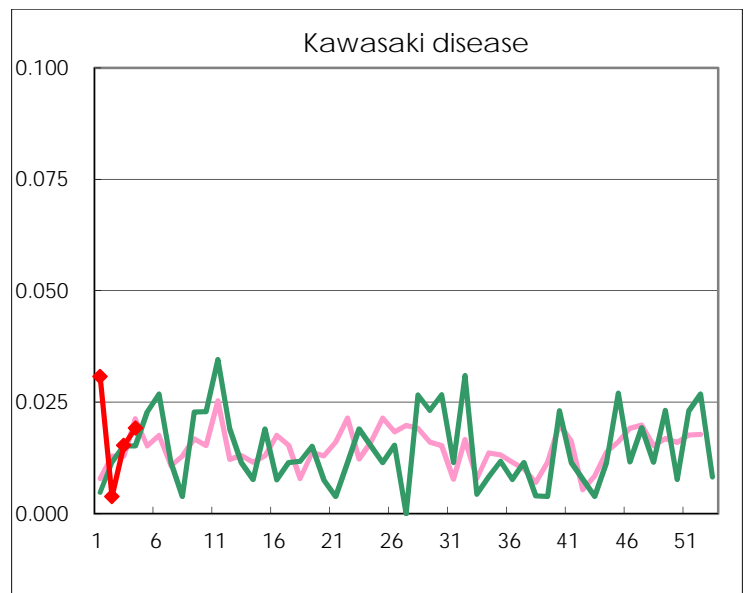
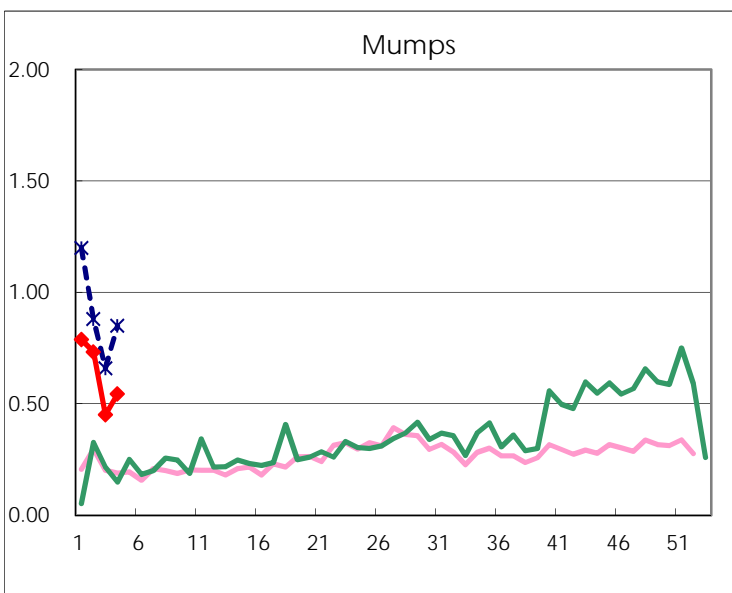
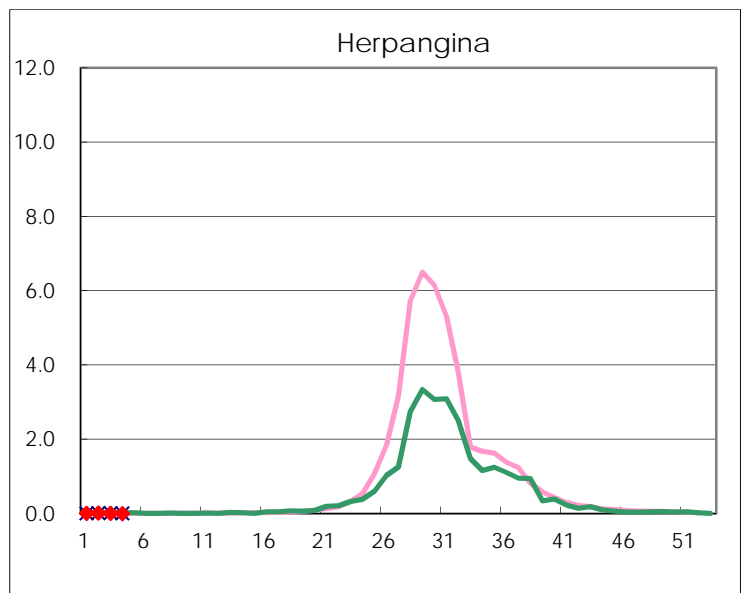
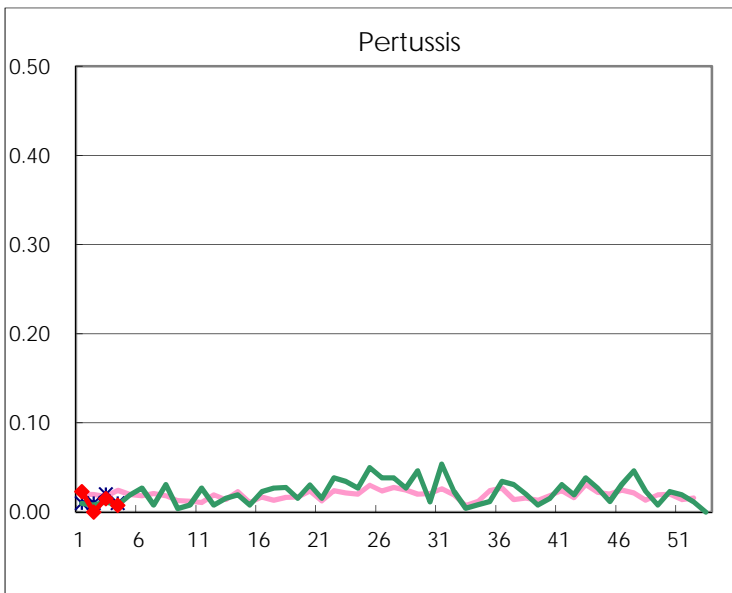
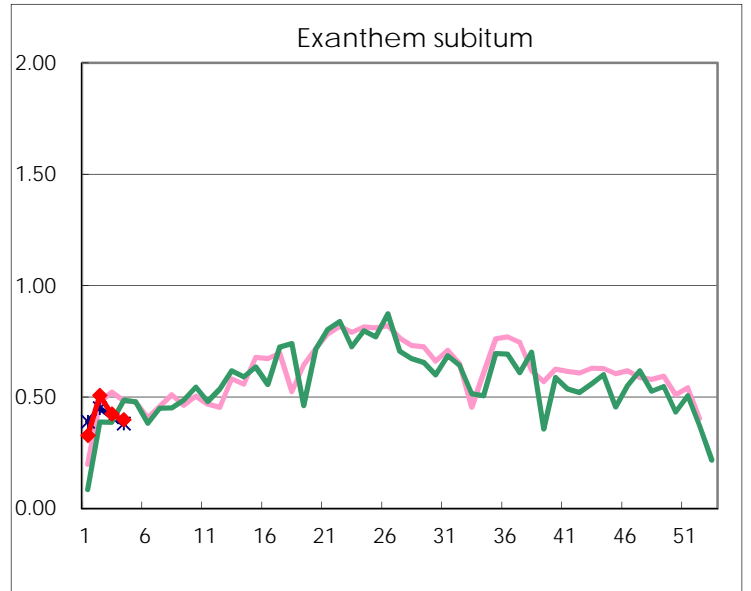
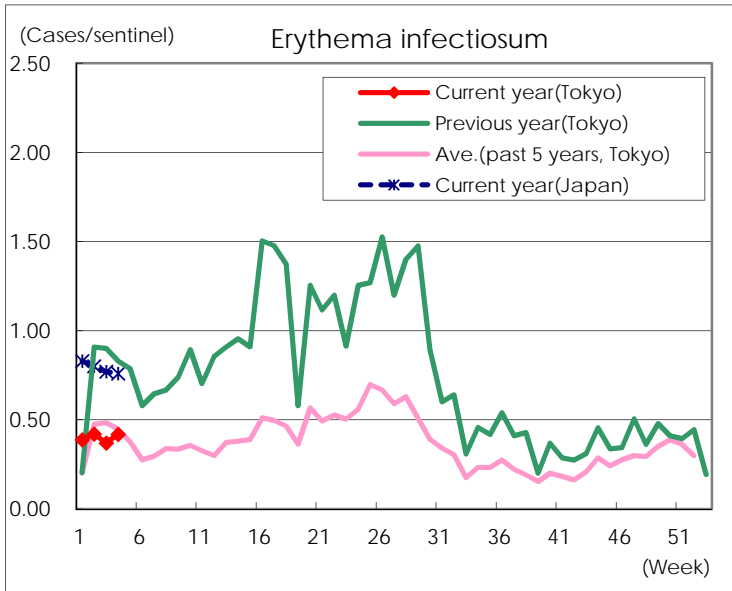
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

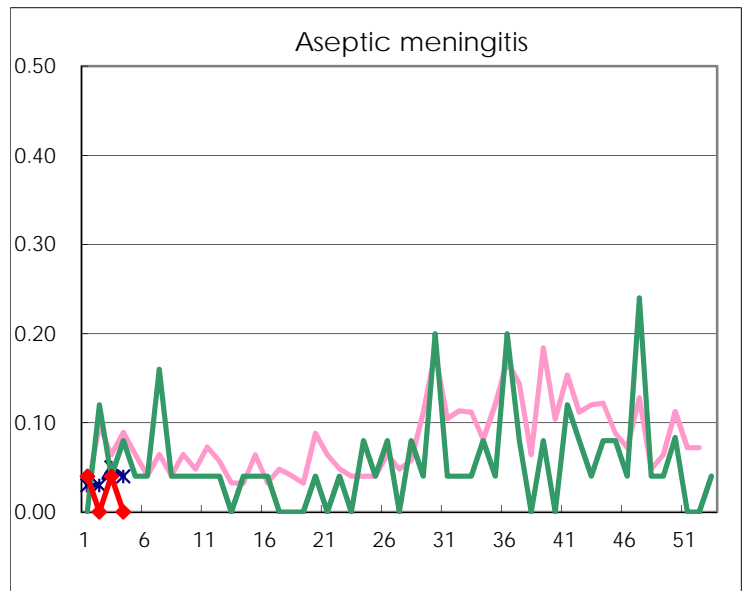
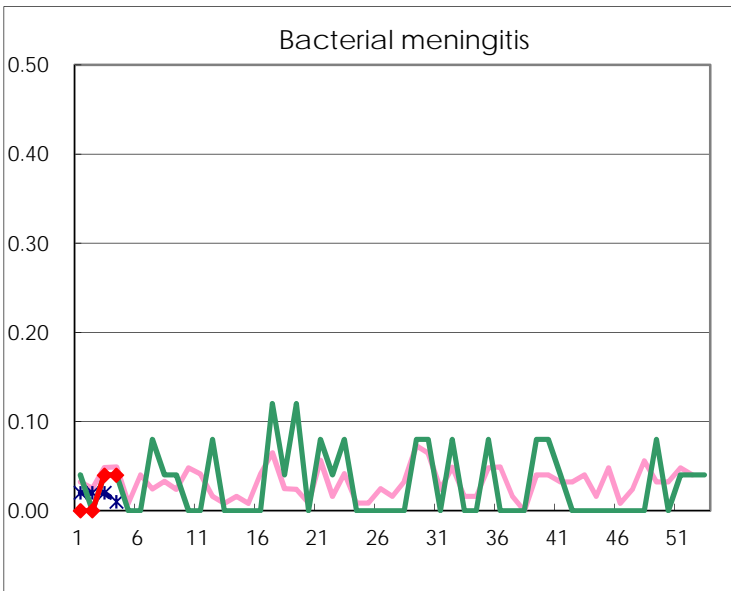
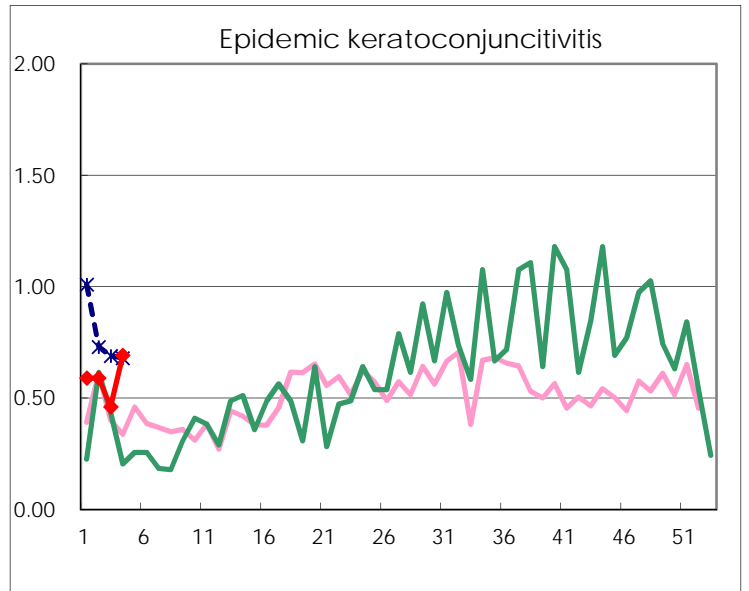
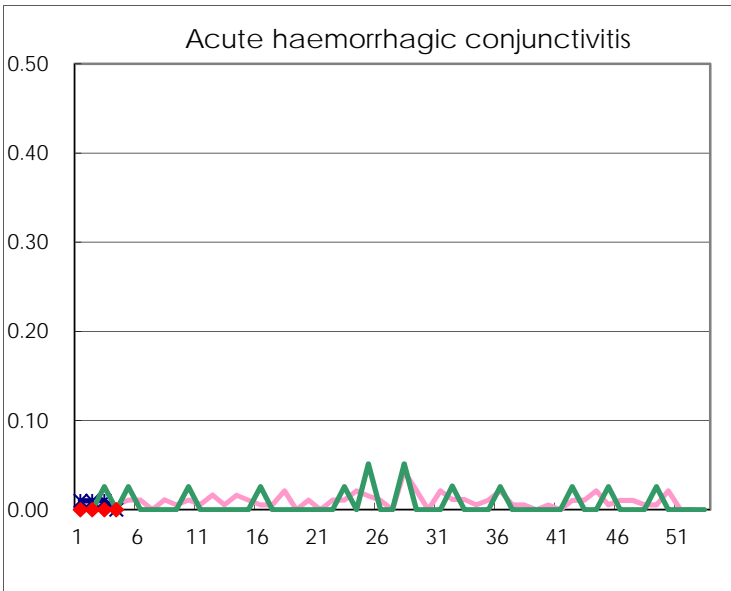
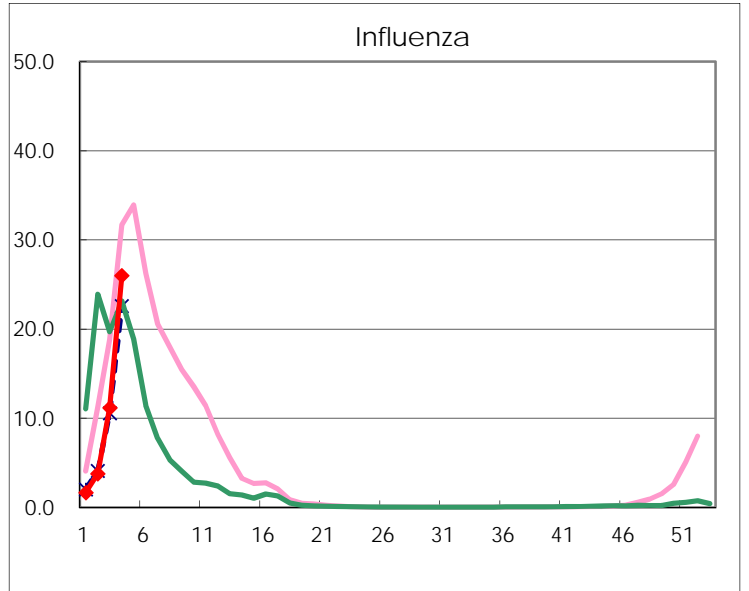
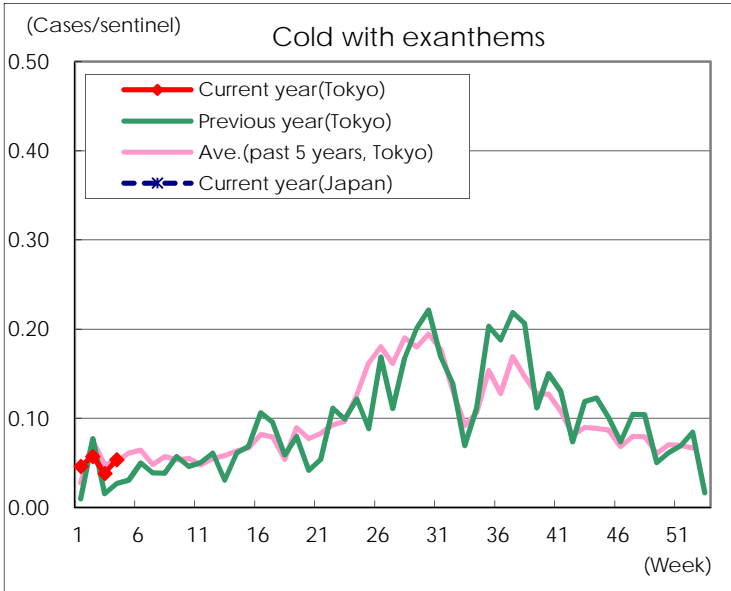
Diseases	Tokyo				
	1st	2nd	3rd	4th	/sentinel
Respiratory syncytial virus infection	154	88	112	127	0.49
Pharyngoconjunctival fever	100	51	78	48	0.18
Group A streptococcal pharyngitis	494	616	794	861	3.30
Infectious gastroenteritis	2,142	2,253	2,275	2,307	8.84
Chickenpox	255	142	140	141	0.54
Hand, foot, and mouth disease	11	16	7	19	0.07
Erythema infectiosum	101	110	97	109	0.42
Exanthem subitum	85	133	111	104	0.40
Pertussis	6		4	2	0.01
Herpangina	3	5	2		
Mumps	205	192	118	142	0.54
Kawasaki disease	8	1	4	5	0.02
Cold with exanthems	12	15	10	14	0.05
Influenza	683	1,573	4,642	10,782	25.98
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	23	23	18	27	0.69
Bacterial meningitis			1	1	0.04
Aseptic meningitis	1		1		
Mycoplasma pneumonia	51	29	12	13	0.52
Chlamydial pneumonia (excluding psittacosis)		1	1	1	0.04
Infectious gastroenteritis (only by Rotavirus)			2		
Influenza-Associated Hospitalizations	8	9	31	45	1.80

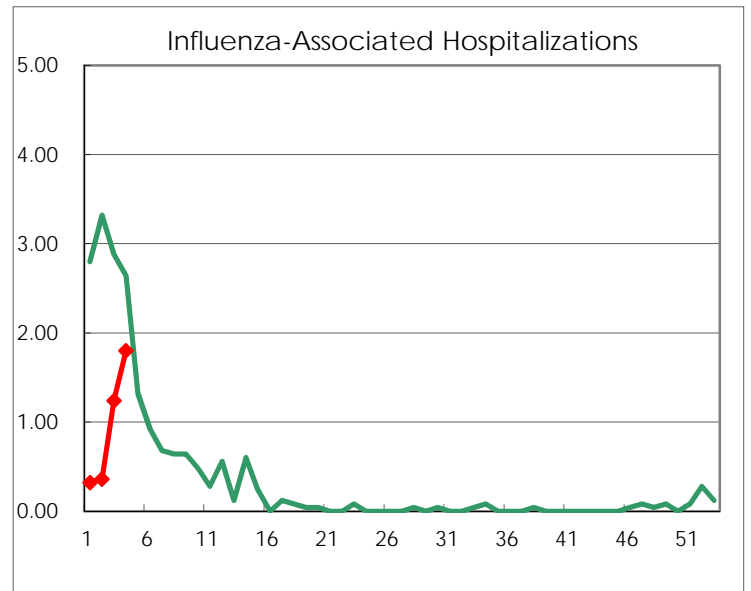
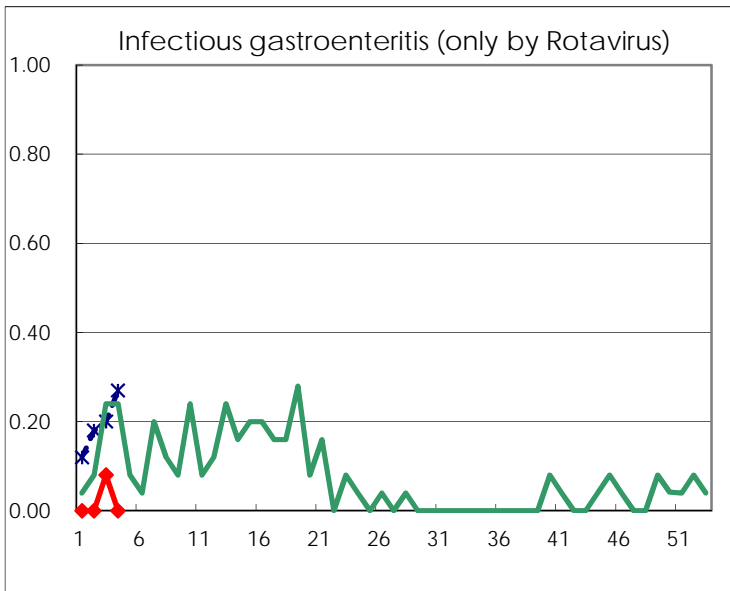
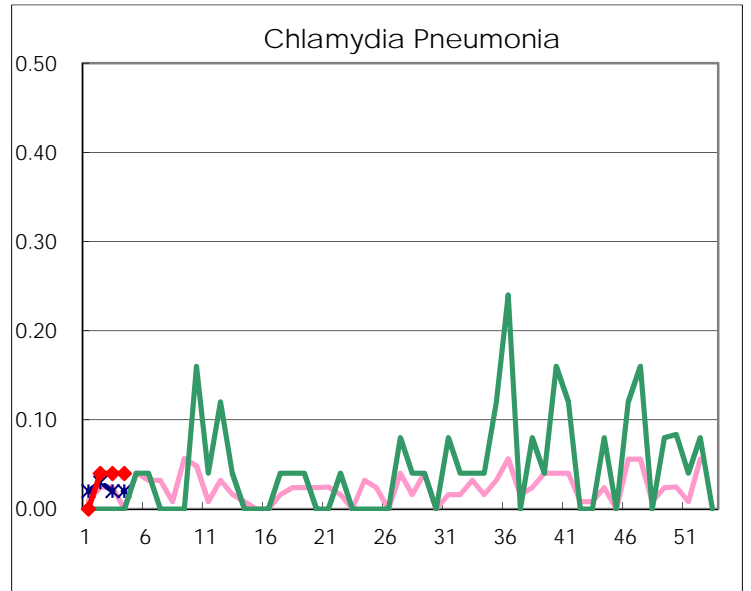
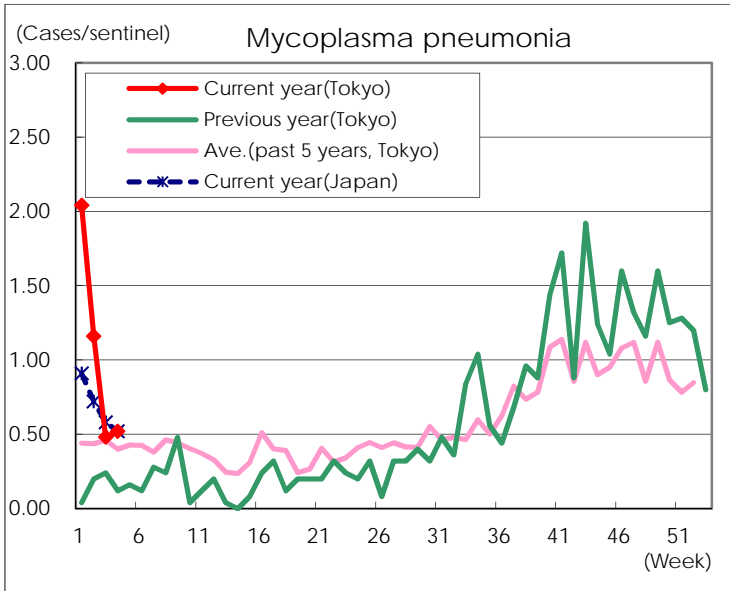
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	261
Influenza	419	415
Ophthalmic	39	39
Specially-designated	25	25