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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		
		53rd	1st	2nd	3rd	Cum 2016	3rd	Cum 2016
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	38	68	57	66	191	288	996
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera							
	Shigellosis		1	1		2		7
	Enterohemorrhagic Escherichia coli infection		1	3		4	9	37
	Typhoid fever			2	1	3	1	4
	Paratyphoid fever			2		2		2
IV	Hepatitis E		2		1	3	5	23
	West Nile fever							
	Hepatitis A				2	2	3	10
	Echinococcosis							
	Yellow fever							
	Psittacosis							
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							
	Monkeypox							
	Severe Fever with Thrombocytopenia Syndrome						1	1
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							
	Scrub typhus(Tsutsugamushi disease)						4	25
	Dengue fever	1	3	3		6	2	20
	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	1	2	1	3	6	22	65	
Leptospirosis						1	1	
Rocky mountain spotted fever								

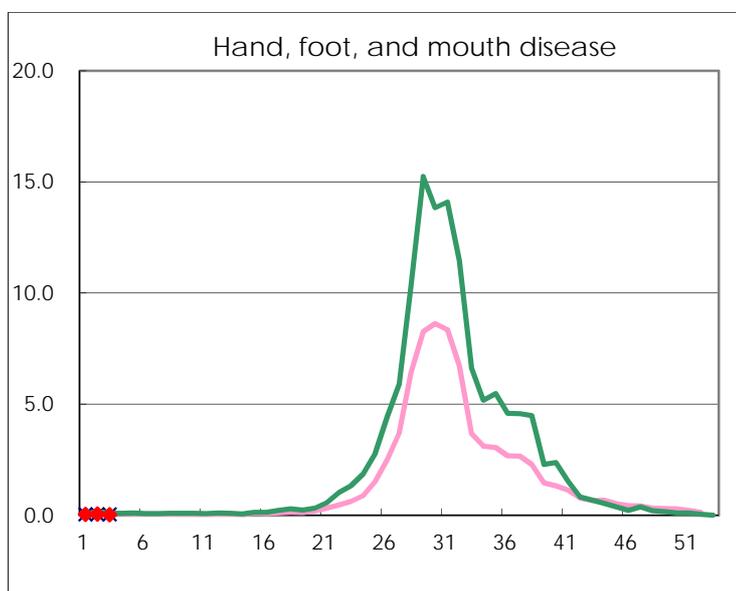
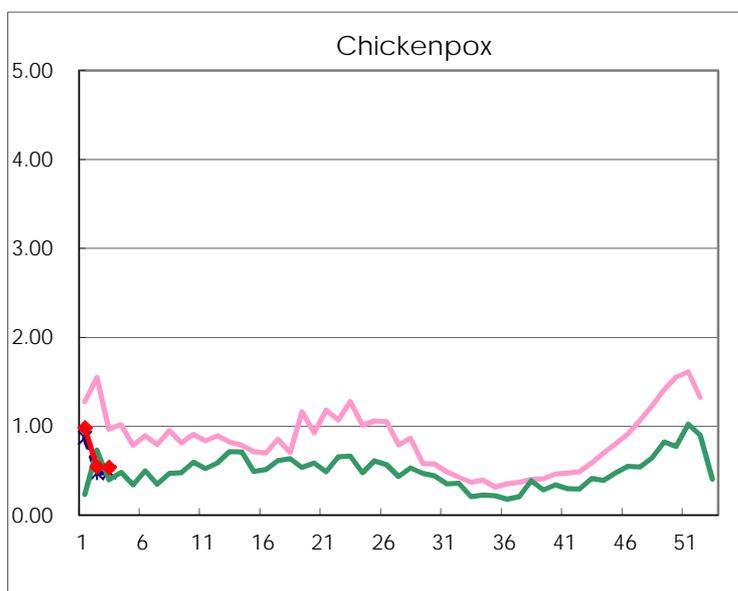
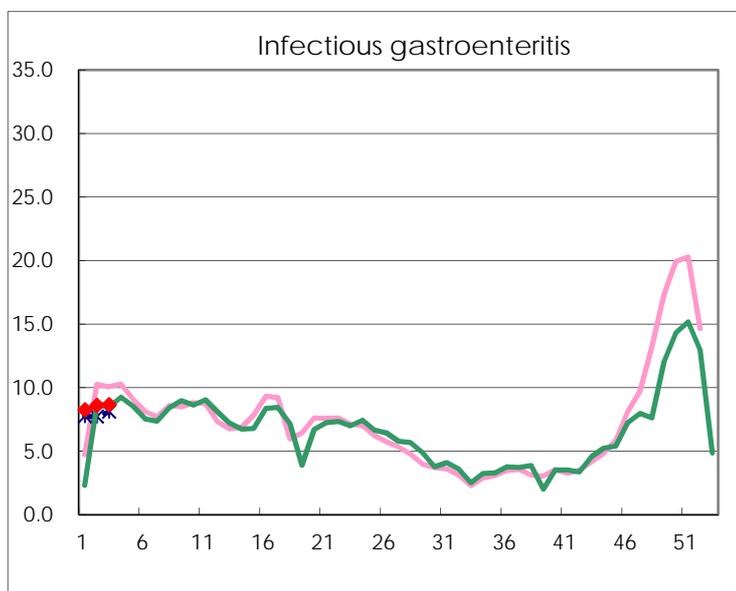
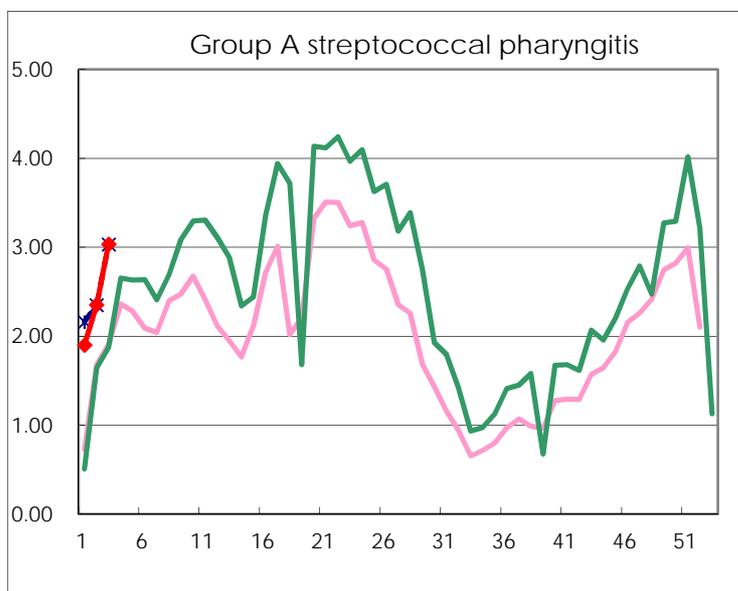
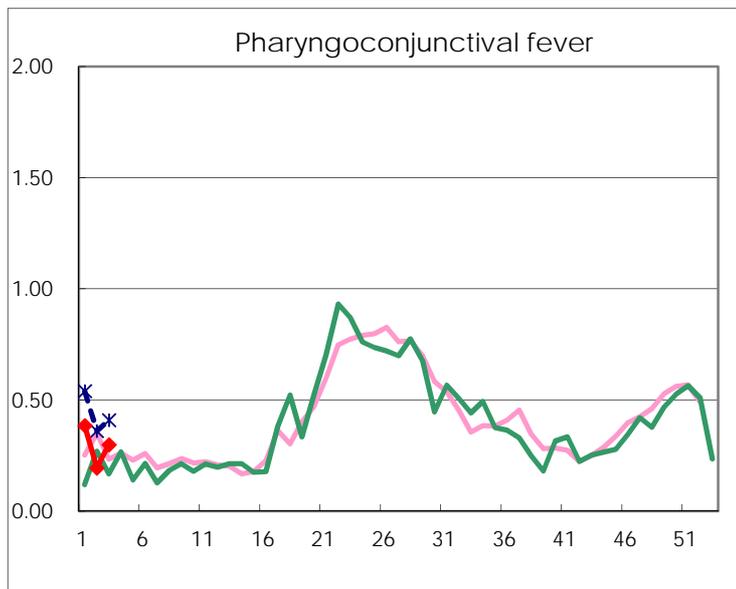
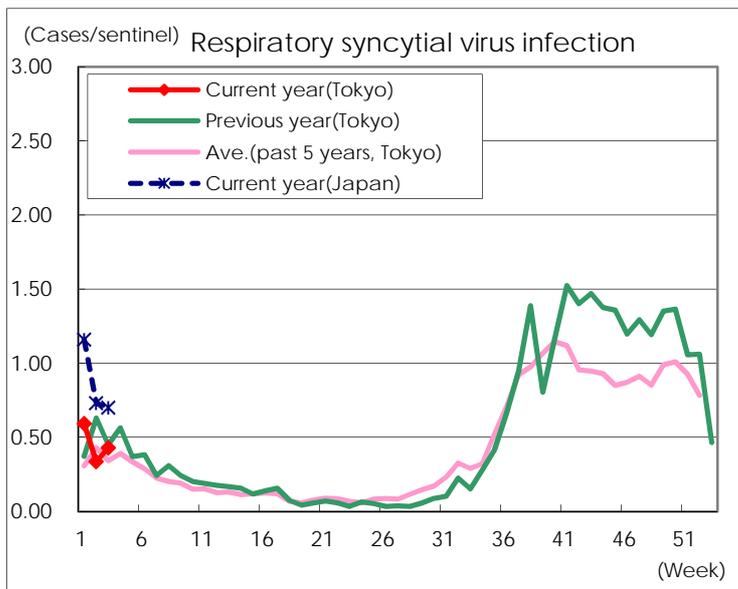
Category	Diseases	Tokyo					Japan	
		53rd	1st	2nd	3rd	Cum 2016	3rd	Cum 2016
V	Amebiasis	3	2	6	3	11	18	59
	Viral hepatitis(excluding hepatitis A and E)	1	1	1		2	3	8
	CRE infection	1	2	3	5	10	17	72
	Acute encephalitis(excluding JE and WNE)	1	4	2	3	9	11	30
	Cryptosporidiosis							
	Creutzfeldt-Jakob disease		1		1	2	6	13
	Severe invasive streptococcal infections(TSLS)		1	4	4	9	8	32
	Acquired immunodeficiency syndrome (AIDS)	5	9	11	7	27	13	69
	Giardiasis		1			1	1	3
	Invasive <i>Haemophilus influenzae</i> disease		1		1	2	4	21
	Invasive meningococcal disease							3
	Invasive pneumococcal disease	5	6	14	9	29	34	200
	Varicella (limited to hospitalized case)	1	3	1	1	5	4	18
	Congenital rubella syndrome							
	Syphilis	12	29	40	23	92	41	170
	Disseminated cryptococcosis				1	1	1	8
	Tetanus							4
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection							2
	Rubella						1	3
Measles							1	
MDRA infection							1	

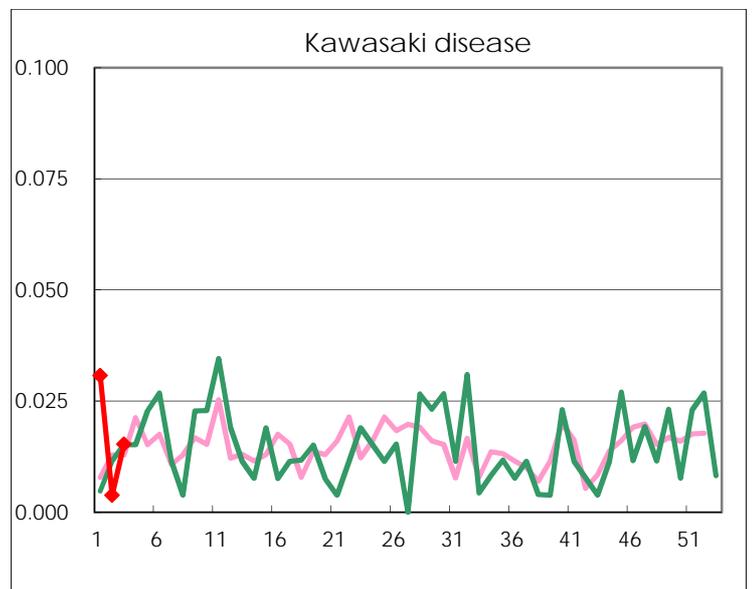
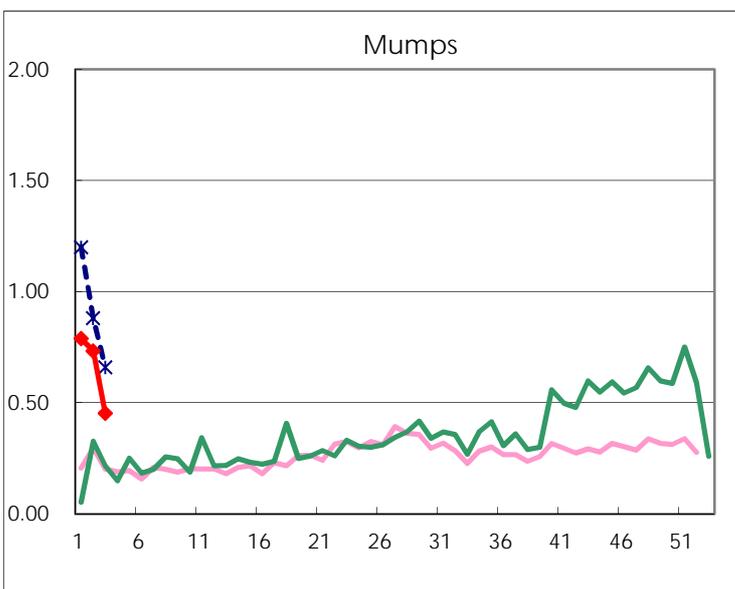
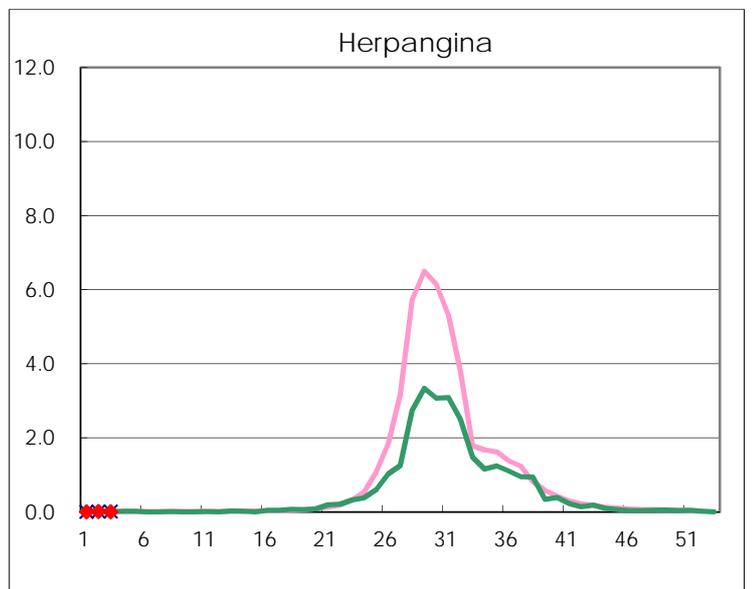
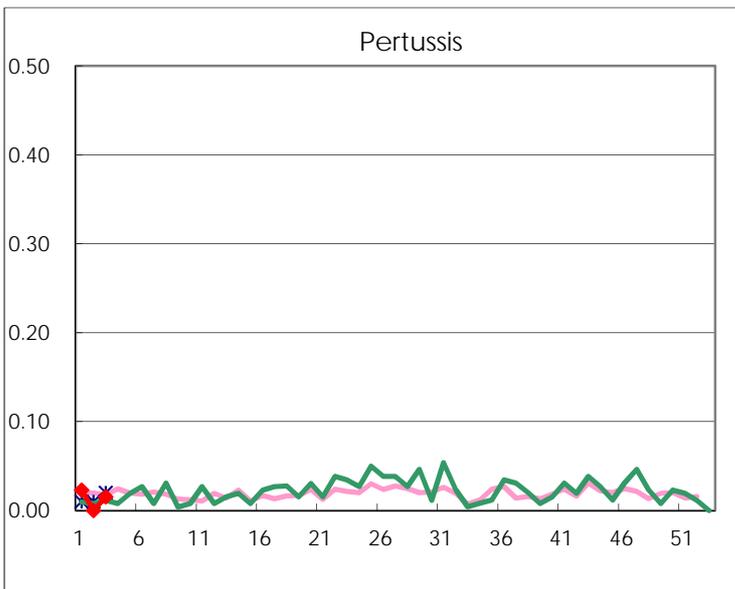
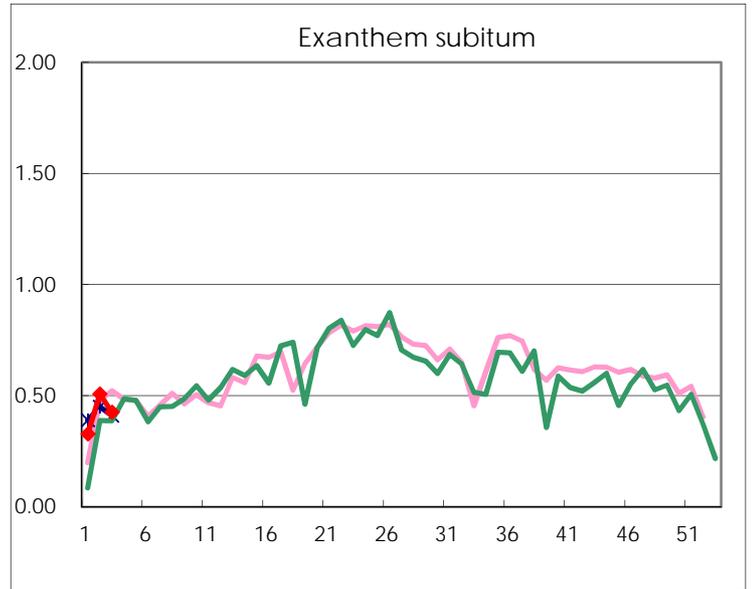
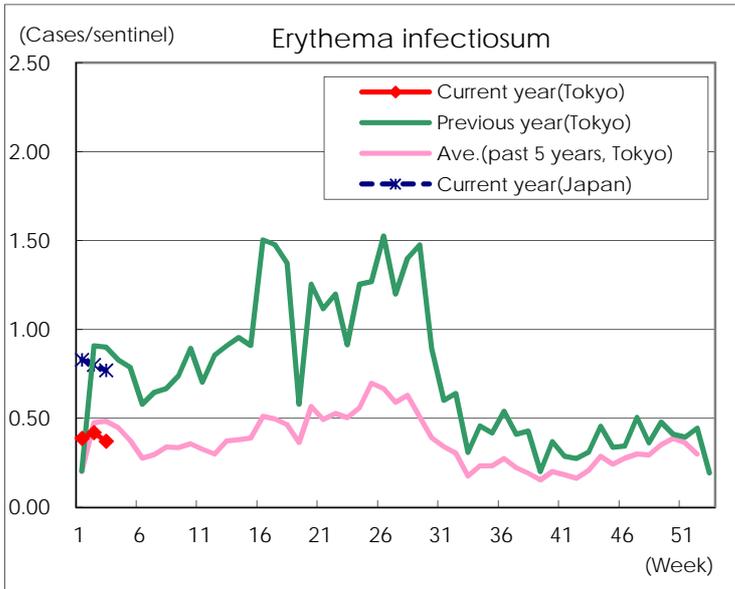
Number of patients with the diseases to be reported
by the designated clinics and hospitals

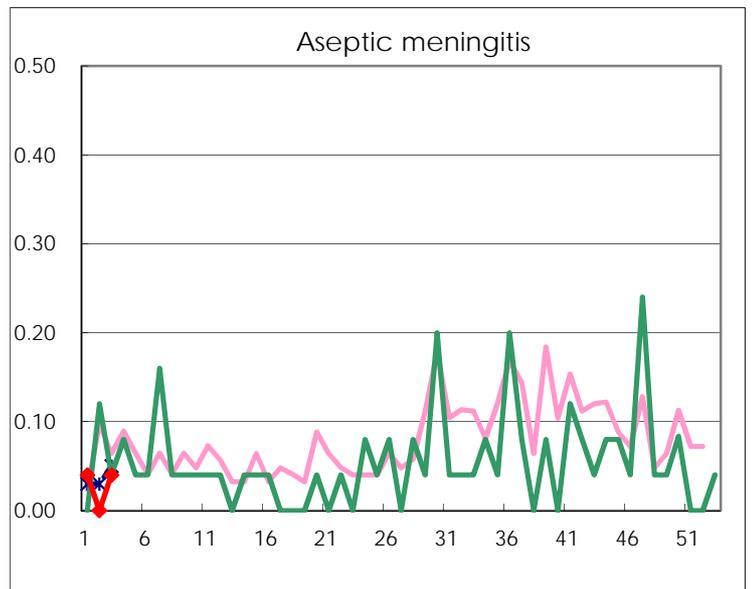
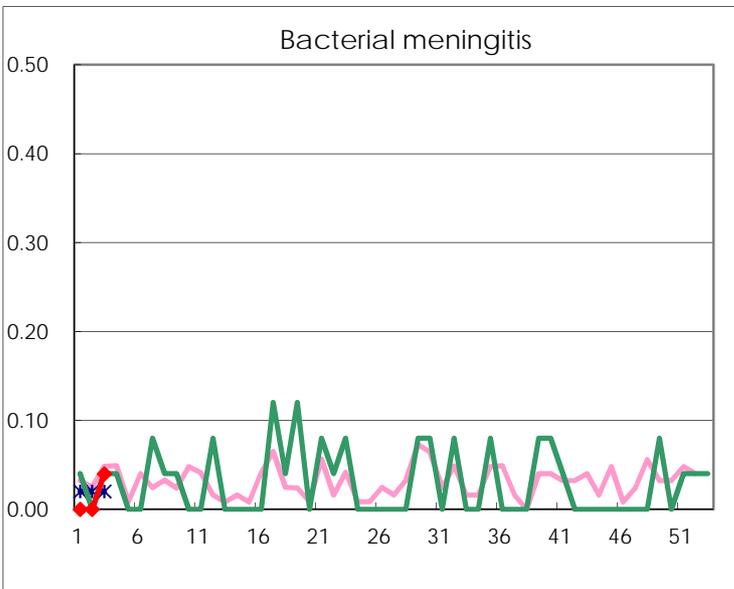
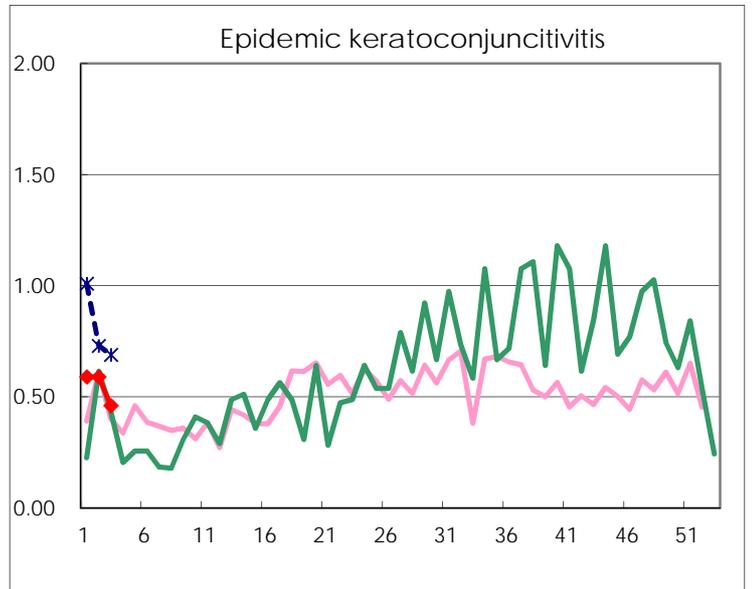
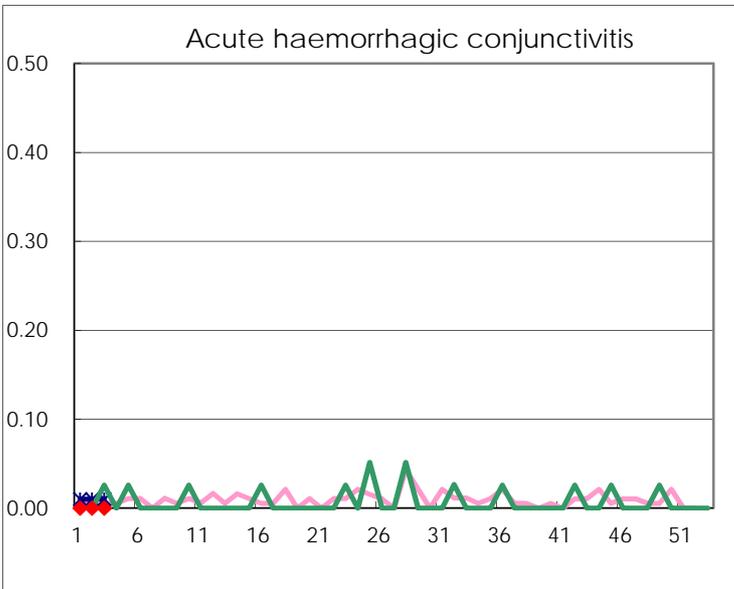
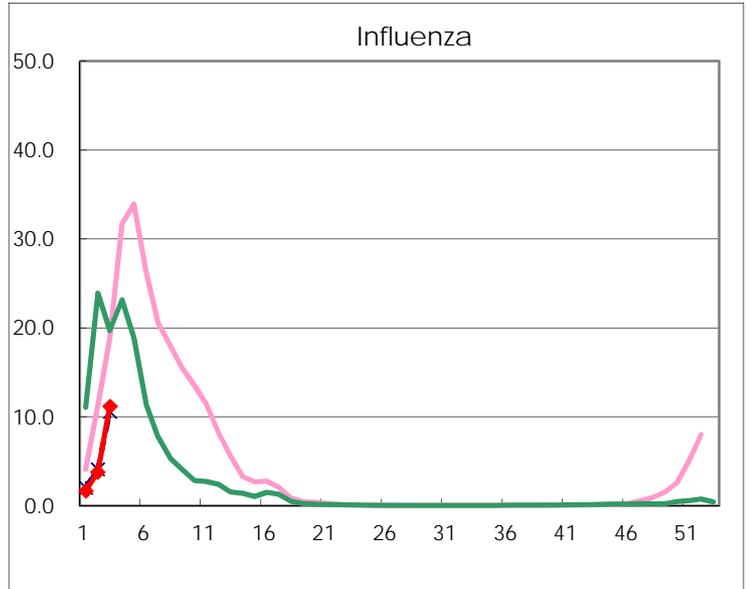
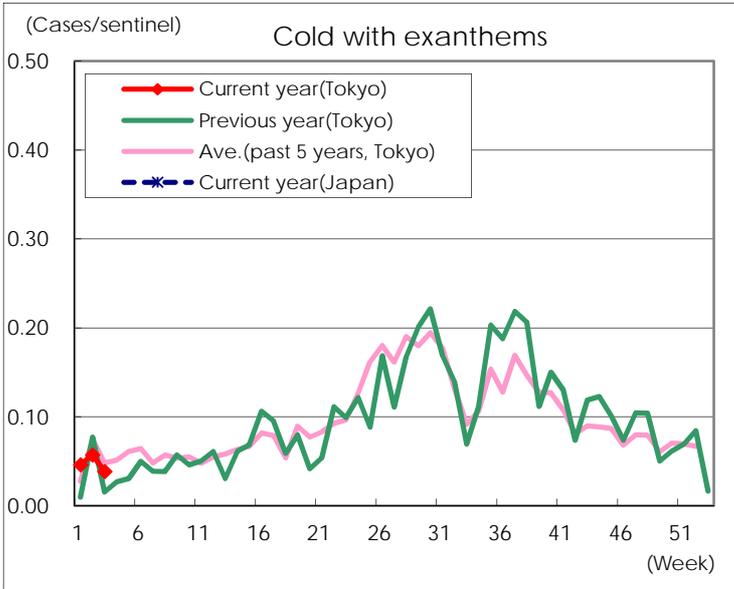
Diseases	Tokyo				
	53rd	1st	2nd	3rd	/sentinel
Respiratory syncytial virus infection	113	154	88	112	0.43
Pharyngoconjunctival fever	57	100	51	78	0.30
Group A streptococcal pharyngitis	274	494	616	792	3.03
Infectious gastroenteritis	1,176	2,142	2,253	2,258	8.65
Chickenpox	98	255	142	140	0.54
Hand, foot, and mouth disease	3	11	16	7	0.03
Erythema infectiosum	47	101	110	97	0.37
Exanthem subitum	53	85	133	111	0.43
Pertussis		6		4	0.02
Herpangina	2	3	5	2	0.01
Mumps	63	205	192	118	0.45
Kawasaki disease	2	8	1	4	0.02
Cold with exanthems	4	12	15	10	0.04
Influenza	168	683	1,573	4,626	11.17
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	9	23	23	18	0.46
Bacterial meningitis	1			1	0.04
Aseptic meningitis	1	1		1	0.04
<i>Mycoplasma pneumoniae</i>	20	51	29	12	0.48
<i>Chlamydial pneumonia</i> (excluding psittacosis)			1	1	0.04
Infectious gastroenteritis (only by Rotavirus)	1			2	0.08
Influenza-Associated Hospitalizations	3	8	9	31	1.24

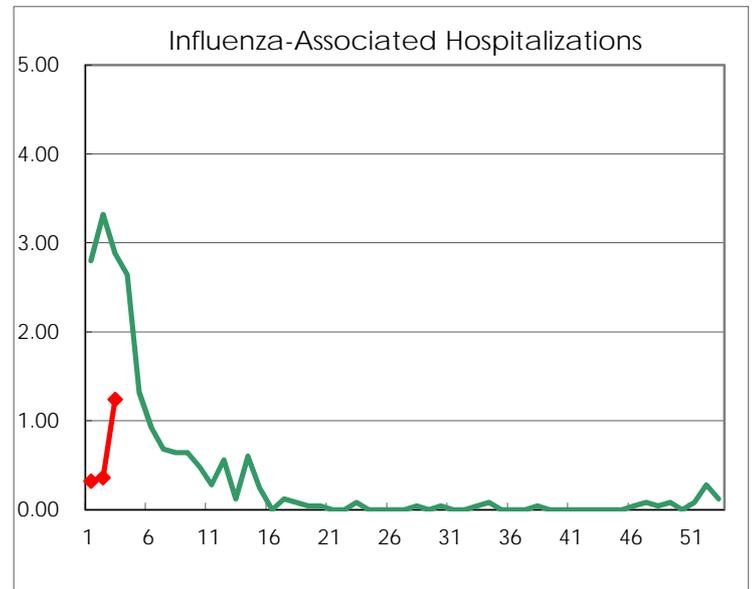
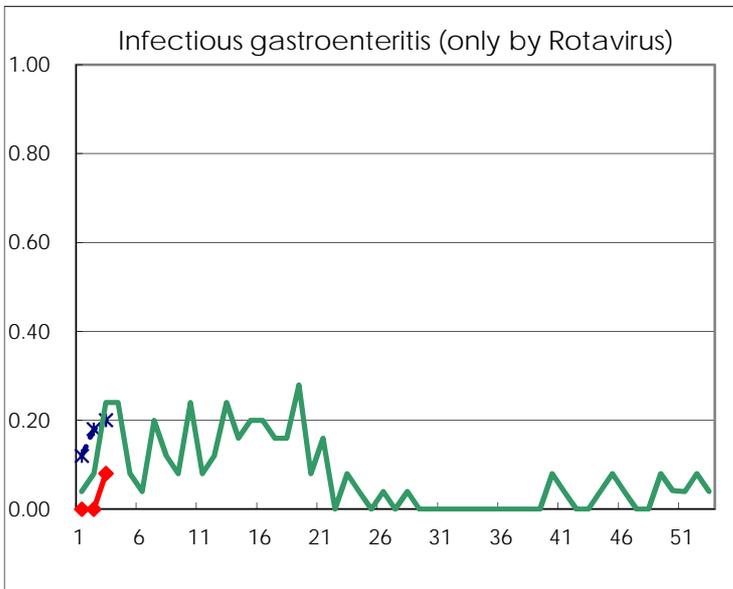
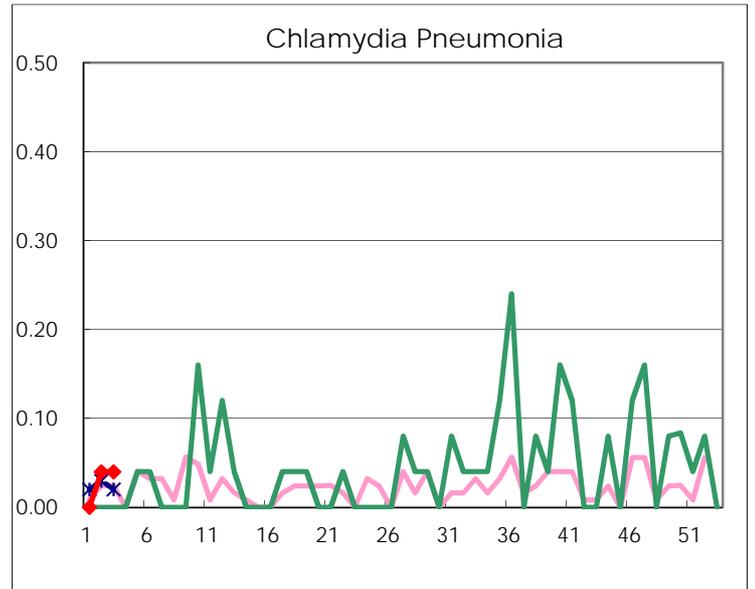
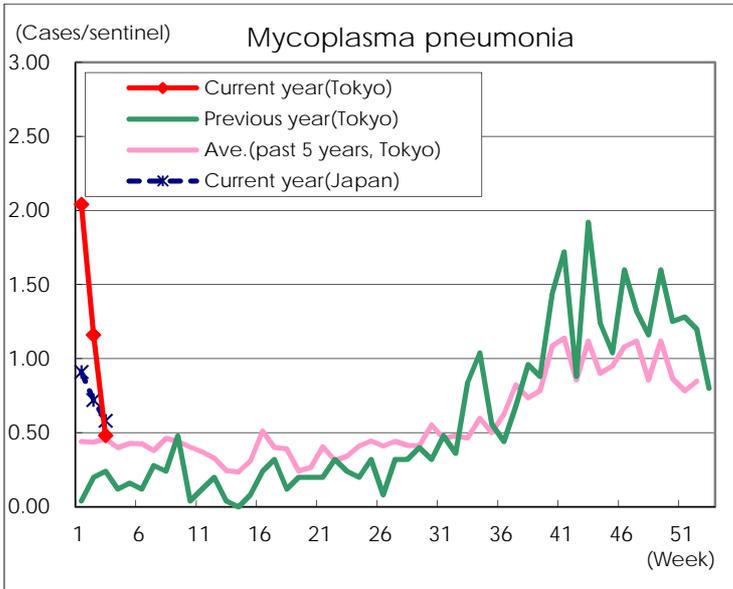
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Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	261
Influenza	419	414
Ophthalmic	39	39
Specially-designated	25	25