

**9 April 2020 / Number 14**

**( 3/30 ~ 4/5 )**

## 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	
		11th	12th	13th	14th	Cum 2020	14th	Cum 2020
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	47	45	42	32	656	253	4,424
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
※	Novel Coronavirus 2019 infection	26	47	282	641	1,083	1,710	4,202
III	Cholera							
	Shigellosis		1			8	1	37
	Enterohemorrhagic Escherichia coli infection	1		1	3	32	15	268
	Typhoid fever					1	2	12
	Paratyphoid fever					1		6
IV	Hepatitis E		2	4	6	45	11	161
	West Nile fever							
	Hepatitis A		1			14	1	44
	Echinococcosis							6
	Yellow fever							
	Psittacosis							3
	Omsk hemorrhagic fever							
	Relapsing fever							
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					1		1
	Monkeypox							
	Zika virus infection						1	1
	Severe Fever with Thrombocytopenia Syndrome						1	7
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever							3
	Scrub typhus(Tsutsugamushi disease)					4		56
	Dengue fever	2			1	11	2	37
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever						1	8
	Japanese encephalitis							1
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							1
	Venezuelan equine encephalitis							
	Hendra virus infection							
Epidemic typhus								
Botulism								
Malaria					3	1	9	
Tularemia								
Lyme disease							1	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis								
Legionellosis			4		20	16	367	
Leptospirosis							1	
Rocky mountain spotted fever								

Category	Diseases	Tokyo					Japan	
		11th	12th	13th	14th	Cum 2020	14th	Cum 2020
V	Amebiasis	2	1	3	3	37	11	163
	Viral hepatitis(excluding hepatitis A and E)	2		3		15	3	66
	CRE infection	3	2	3		30	10	382
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)					1		7
	Acute encephalitis(excluding JE and WNE)					16	6	237
	Cryptosporidiosis							1
	Creutzfeldt-Jakob disease					3	1	34
	Severe invasive streptococcal infections(TSLS)		1	3	1	31	9	250
	Acquired immunodeficiency syndrome (AIDS)	5	1	11	1	86	5	244
	Giardiasis				1	3	1	11
	Invasive <i>Haemophilus influenzae</i> disease	1			1	14	2	120
	Invasive meningococcal disease					1		10
	Invasive pneumococcal disease	4	2	4	3	83	18	729
	Varicella (limited to hospitalized case)	3			1	18	3	107
	Congenital rubella syndrome							1
	Syphilis	25	17	26	14	351	35	1,382
	Disseminated cryptococcosis			3		4		29
	Tetanus	1				2	1	22
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant Enterococcus infection	2				3		36
Pertussis	10	5	6	8	173	91	2,088	
Rubella	2				20		73	
Measles					2		10	
MDRA infection							2	

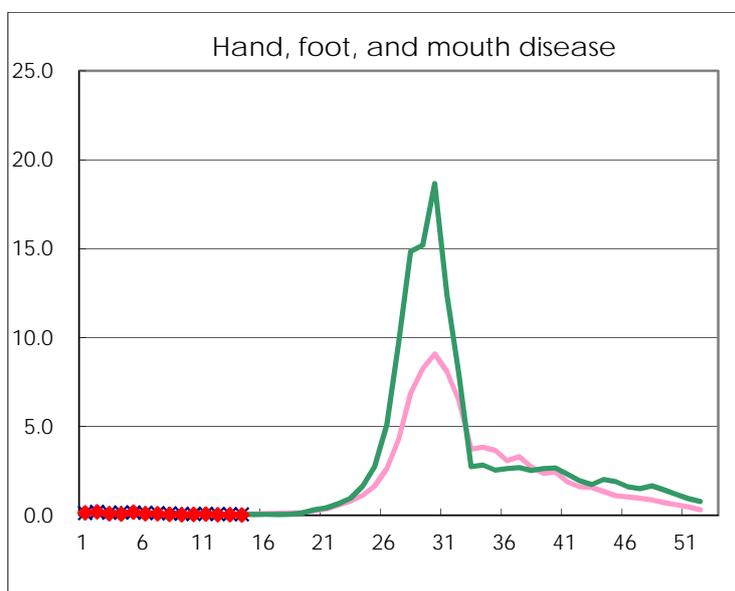
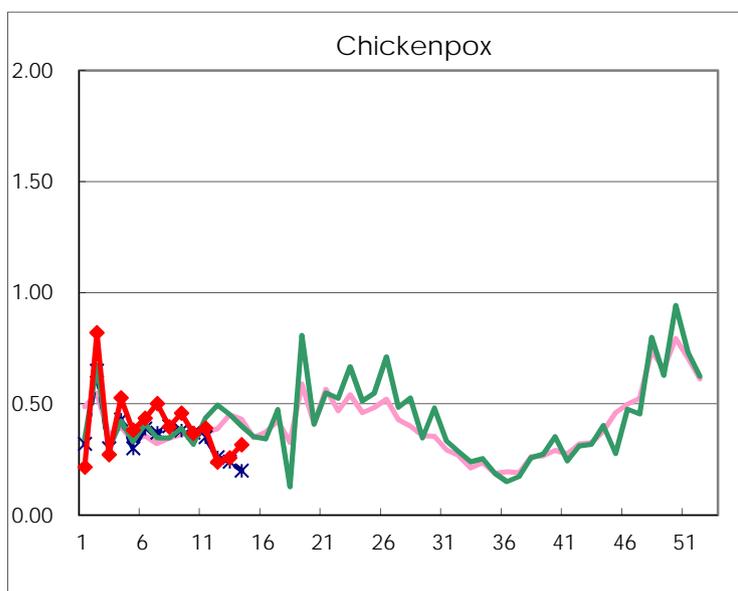
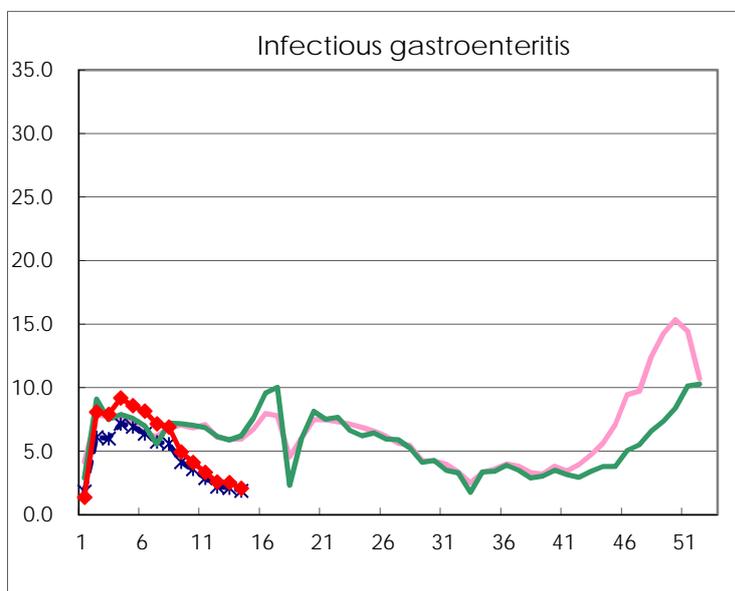
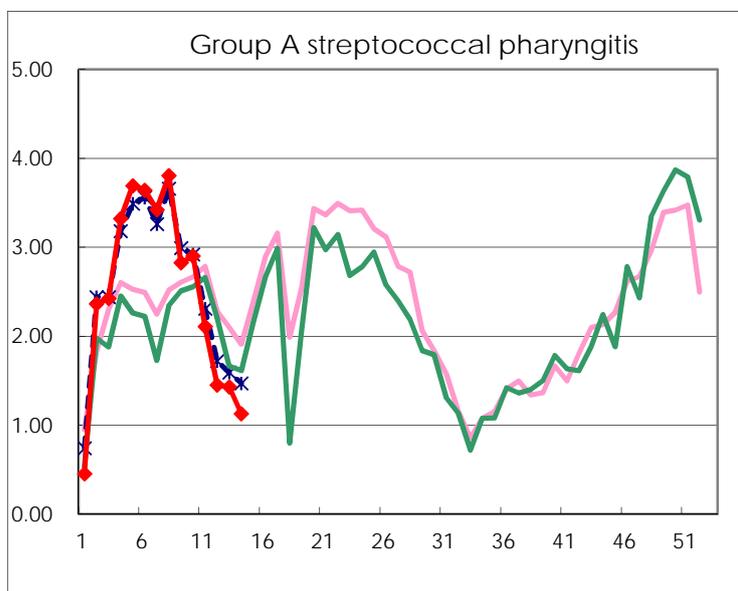
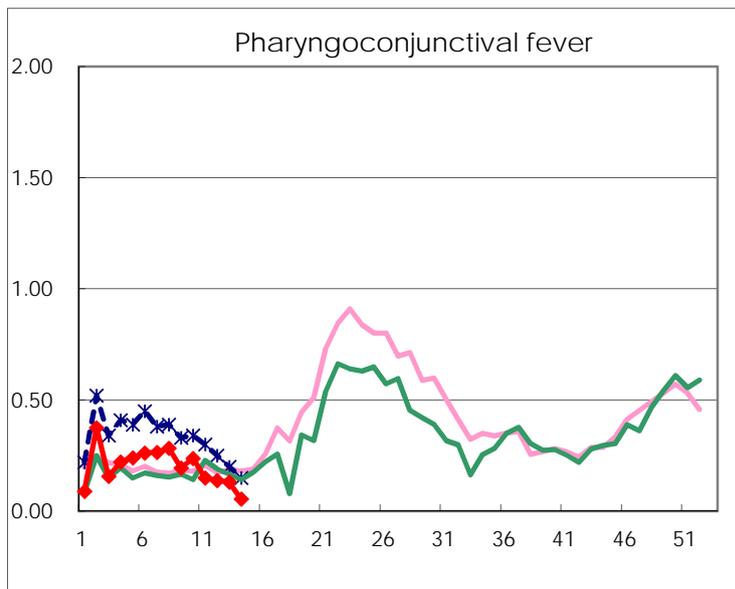
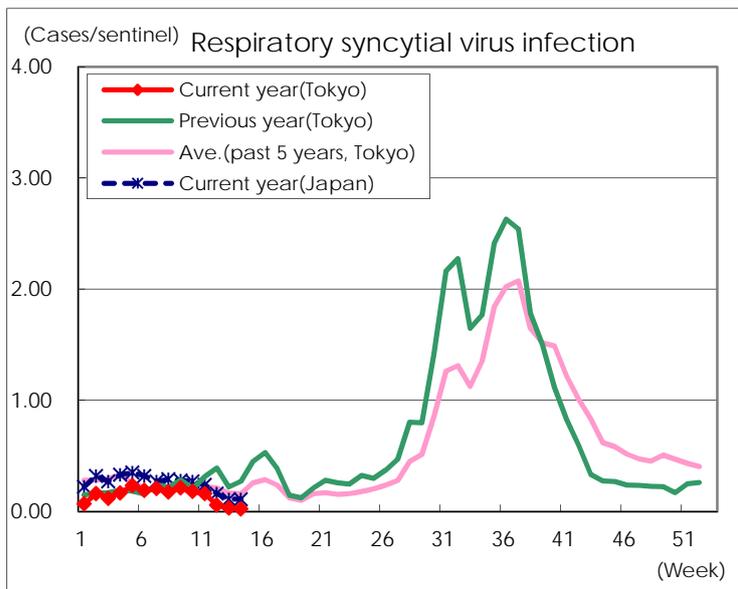
※ Designated infectious disease

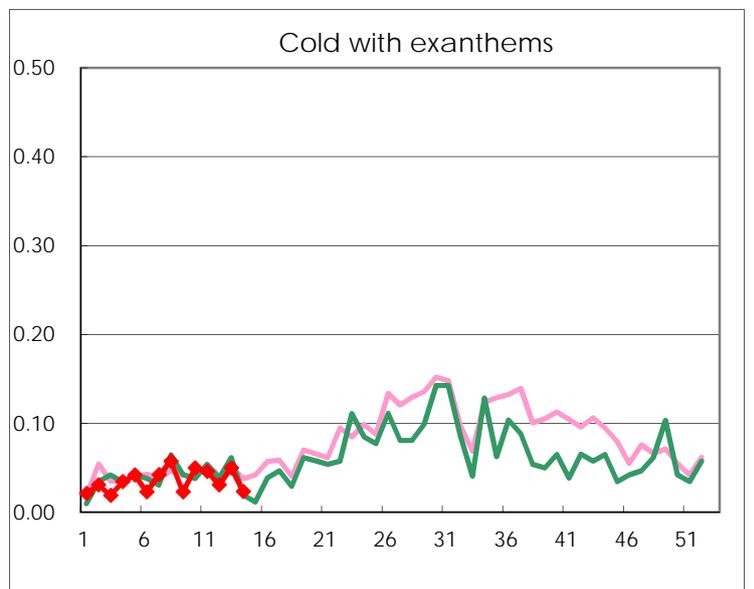
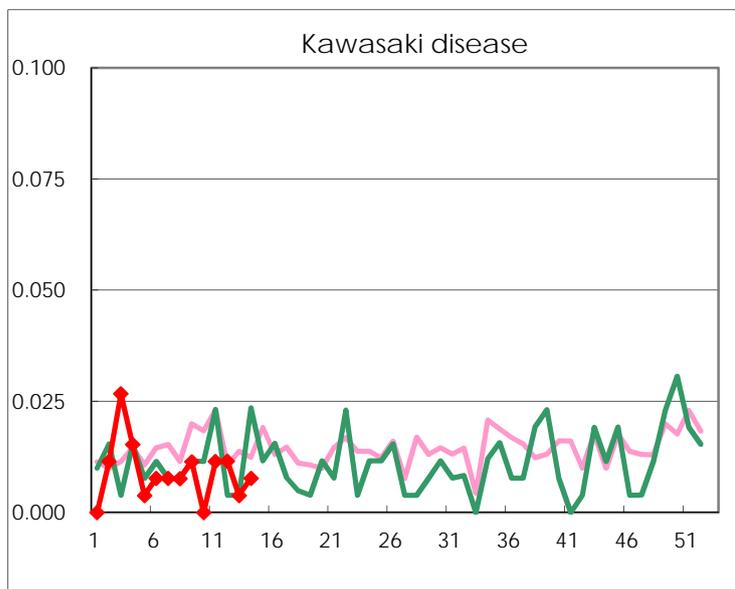
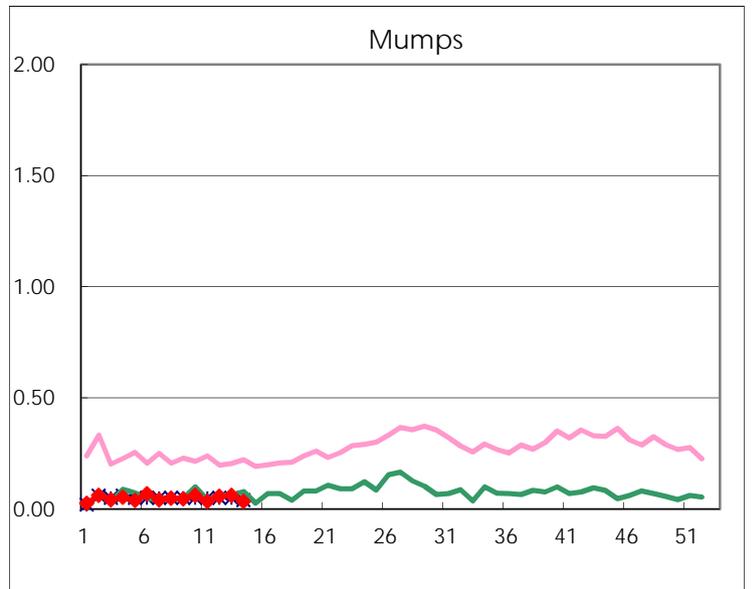
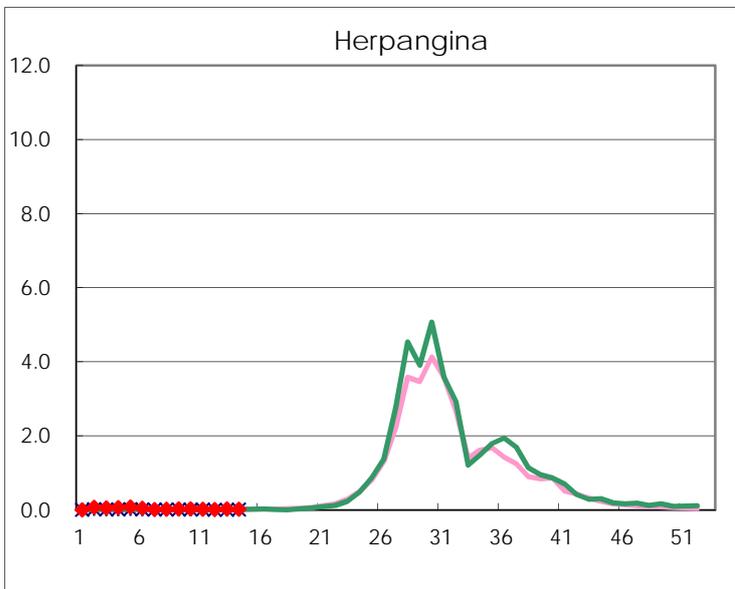
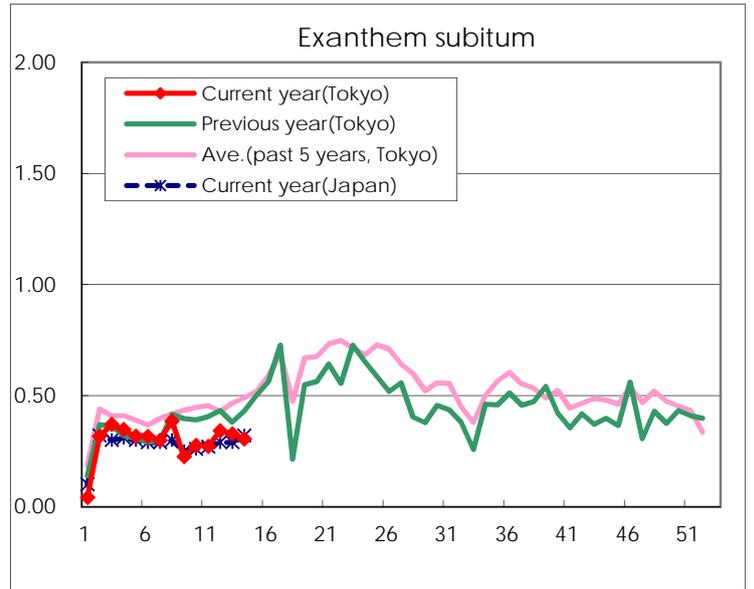
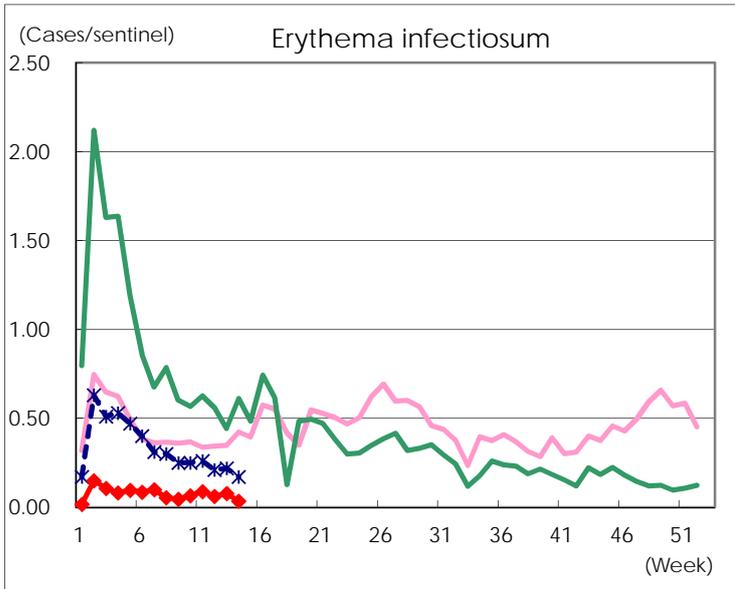
Number of patients with the diseases to be reported  
by the designated clinics and hospitals

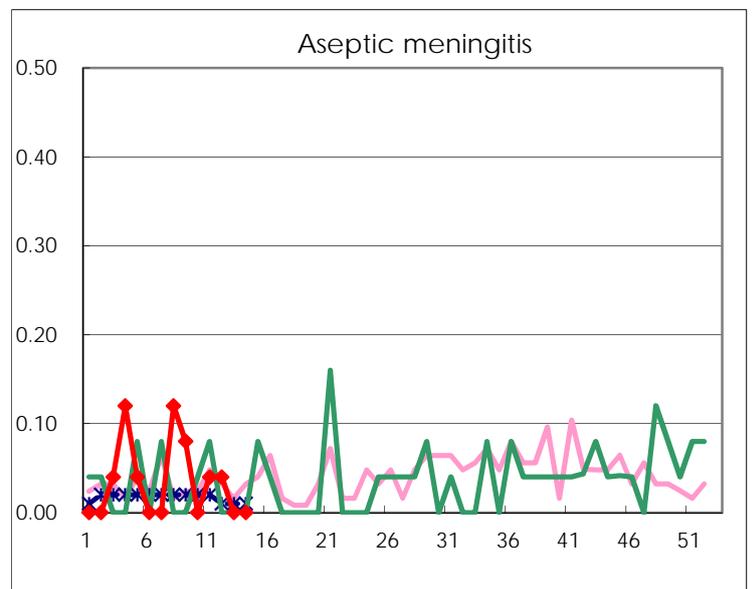
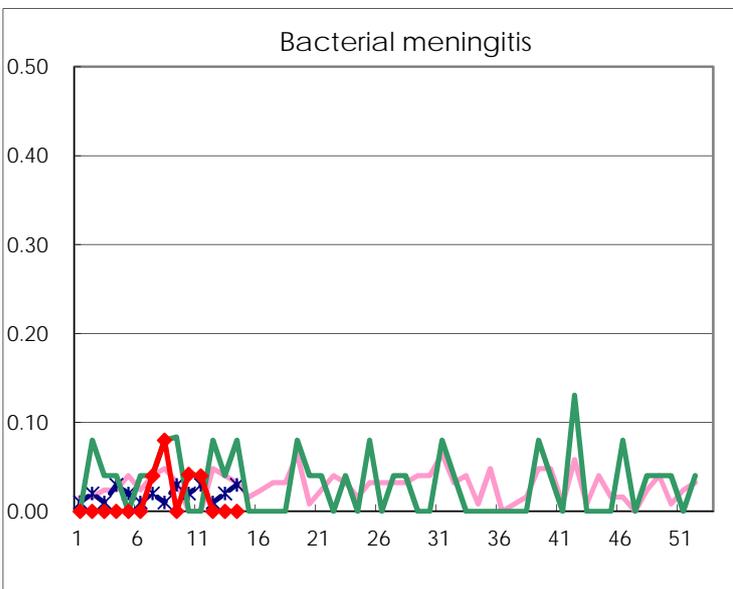
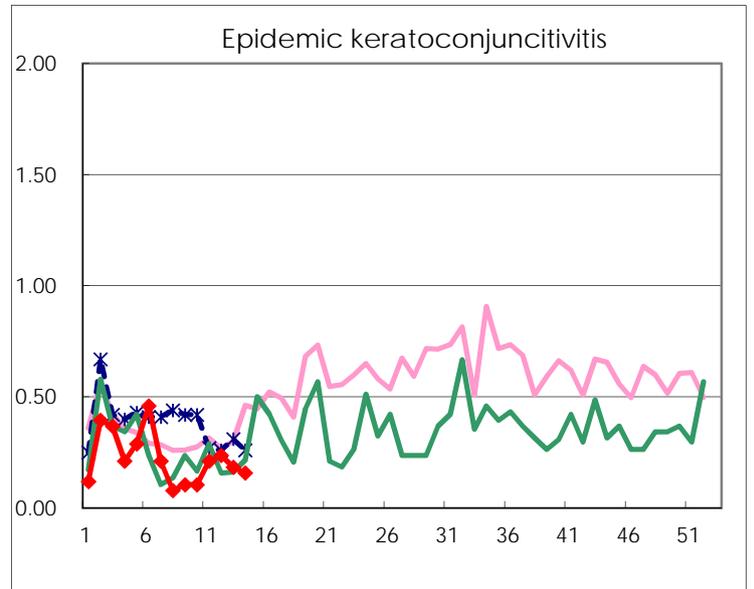
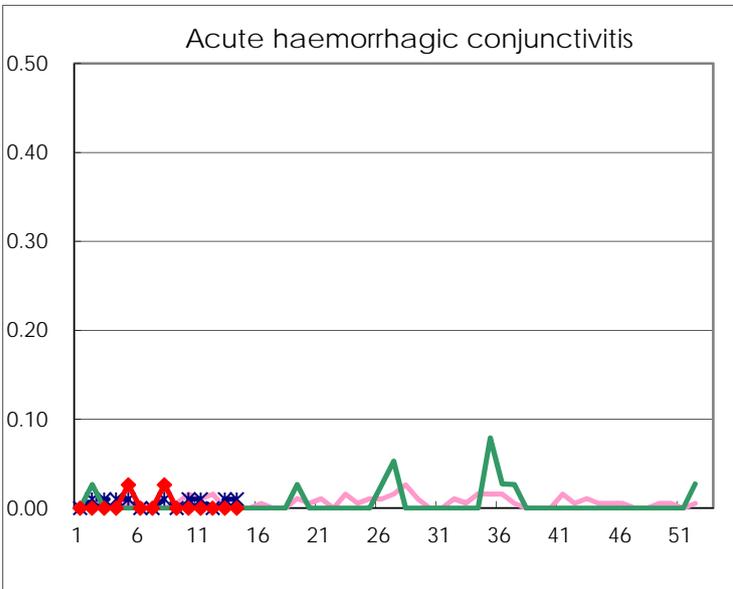
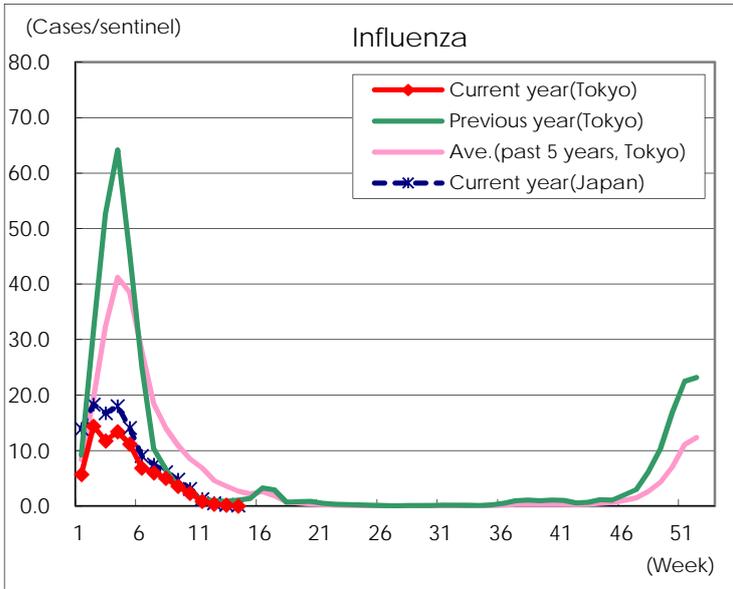
Diseases	Tokyo				
	11th	12th	13th	14th	/sentinel
Respiratory syncytial virus infection	42	15	8	6	0.02
Pharyngoconjunctival fever	39	36	34	14	0.05
Group A streptococcal pharyngitis	550	377	372	292	1.13
Infectious gastroenteritis	867	664	655	537	2.07
Chickenpox	102	62	67	82	0.32
Hand, foot, and mouth disease	20	8	10	7	0.03
Erythema infectiosum	23	16	20	9	0.03
Exanthem subitum	71	89	85	79	0.31
Herpangina	6	4	9	6	0.02
Mumps	9	15	16	9	0.03
Kawasaki disease	3	3	1	2	0.01
Cold with exanths	12	8	13	6	0.02
Influenza	372	144	73	13	0.03
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	8	9	7	6	0.16
Bacterial meningitis	1				
Aseptic meningitis	1	1			
Mycoplasma pneumonia	6	7	4	6	0.24
Chlamydial pneumonia (excluding psittacosis)			2	1	0.04
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations	1				

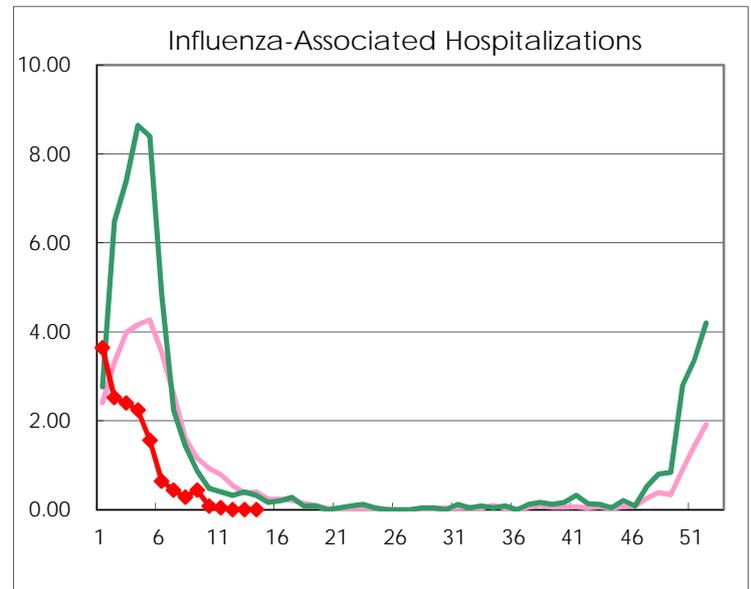
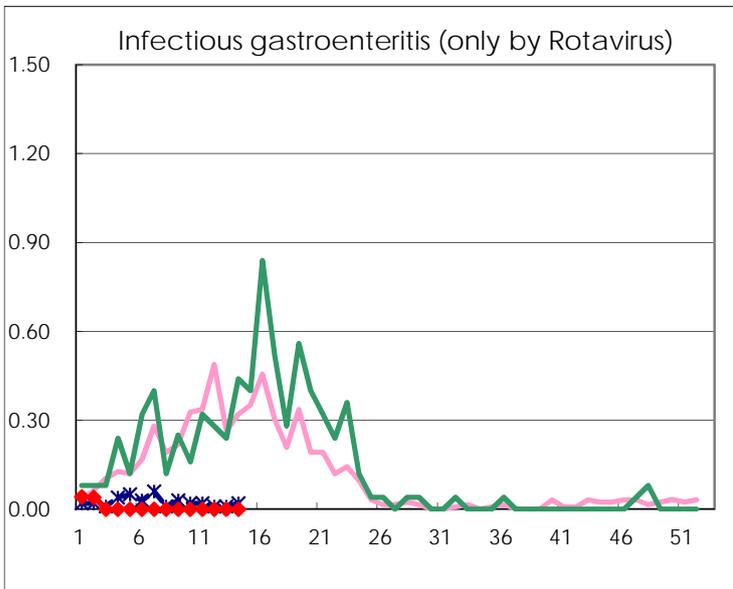
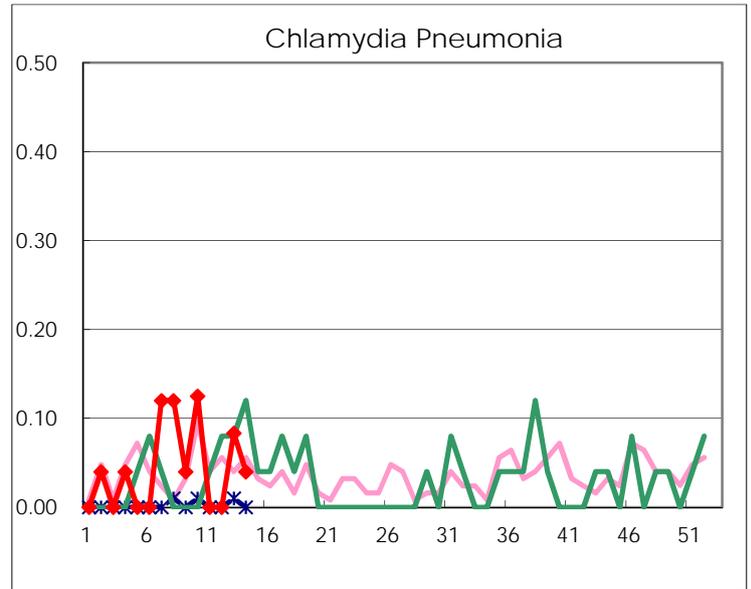
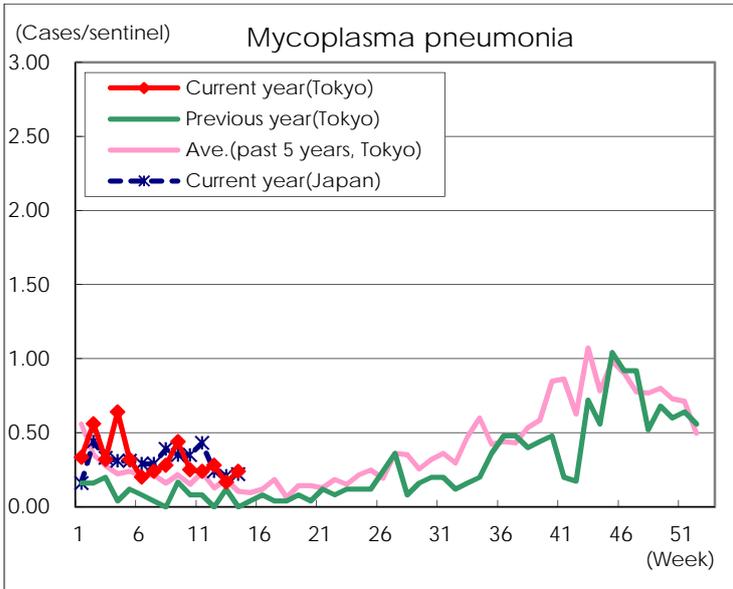
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# Disease Trend Graph (weekly reported cases per sentinel in comparison)









Number of sentinel facilities for weekly reporting		
Types of sentinels	Number of sentinels	Sentinels having reported
Pediatric	264	259
Influenza	419	413
Ophthalmic	39	38
Specially-designated	25	25