

22 December 2022 / Number 50 (12/12 ~ 12/18)

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	
		47th	48th	49th	50th	Cum 2022	50th	Cum 2022
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
	Lassa fever							
II	Acute poliomyelitis							
	Tuberculosis	31	29	30	31	1,910	206	14,093
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
	Avian influenza H7N9							
III	Cholera					1		1
	Shigellosis					2	1	15
	Enterohemorrhagic Escherichia coli infection	5	5	5	4	348	43	3,272
	Typhoid fever					7		16
	Paratyphoid fever					3		8
IV	Hepatitis E		3	3	5	126	13	410
	West Nile fever							
	Hepatitis A					5	2	66
	Echinococcosis					3		24
	Yellow fever							
	Psittacosis	1		1		4		12
	Omsk hemorrhagic fever							
	Relapsing fever							23
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis							2
	Monkeypox					5		6
	Zika virus infection							
	Severe Fever with Thrombocytopenia Syndrome					1	1	118
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever					1		6
	Scrub typhus(Tsutsugamushi disease)	2	3	1	2	12	37	406
	Dengue fever		1			25	2	96
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever							459
	Japanese encephalitis							5
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis							1
	Venezuelan equine encephalitis							
	Hendra virus infection							
Epidemic typhus								
Botulism					1		1	
Malaria	1	2			9		30	
Tularemia								
Lyme disease					2		14	
Lyssavirus infection(excluding rabies)								
Rift valley fever								
Melioidosis							2	
Legionellosis	3	1	2		115	20	2,085	
Leptospirosis					4		36	
Rocky mountain spotted fever								

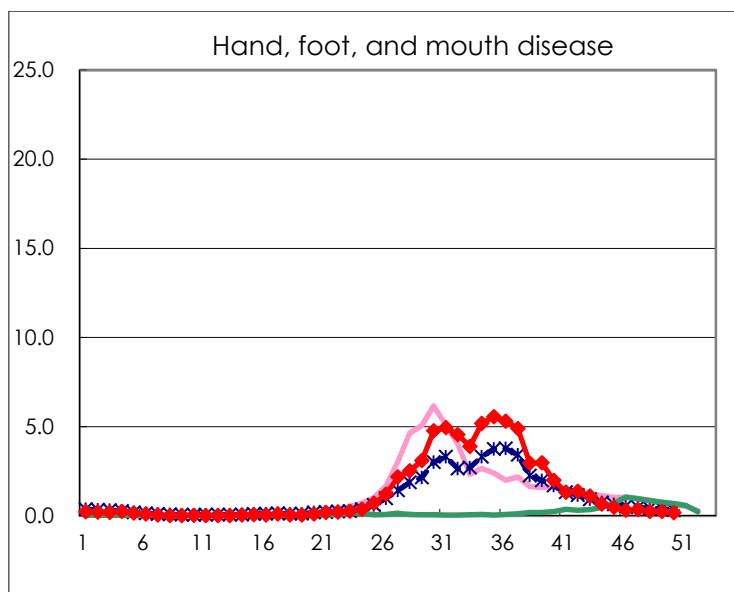
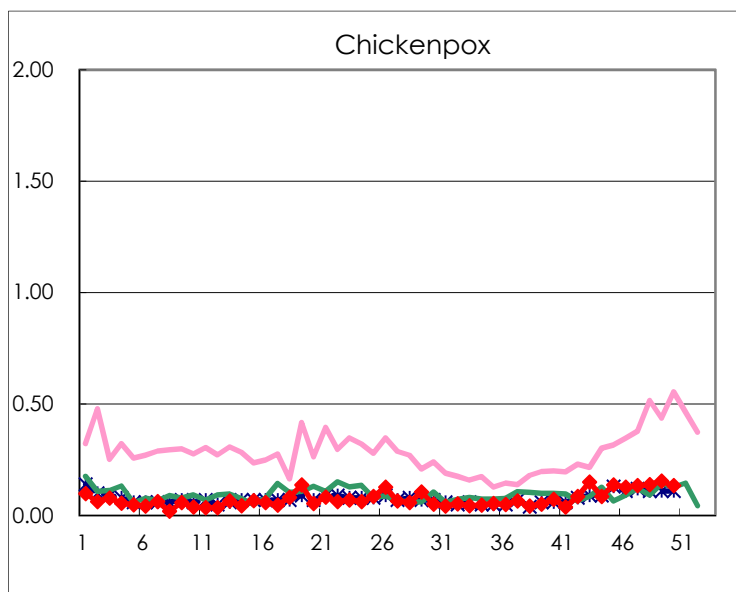
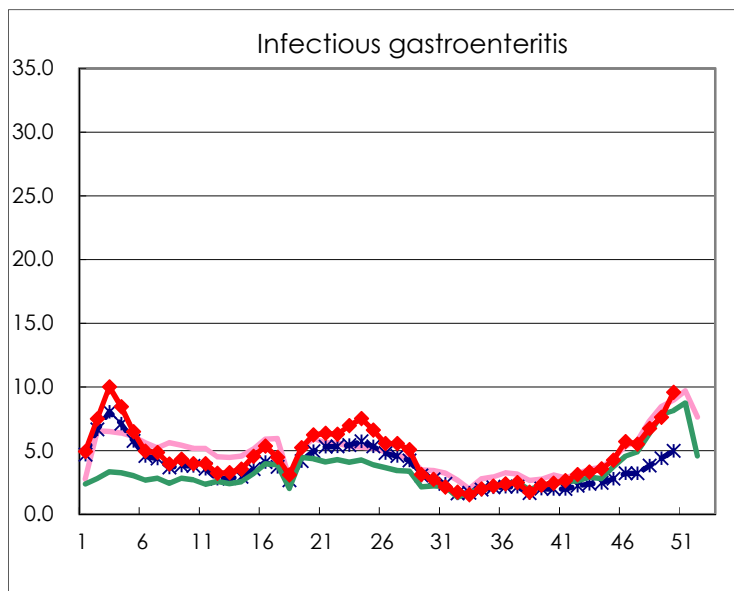
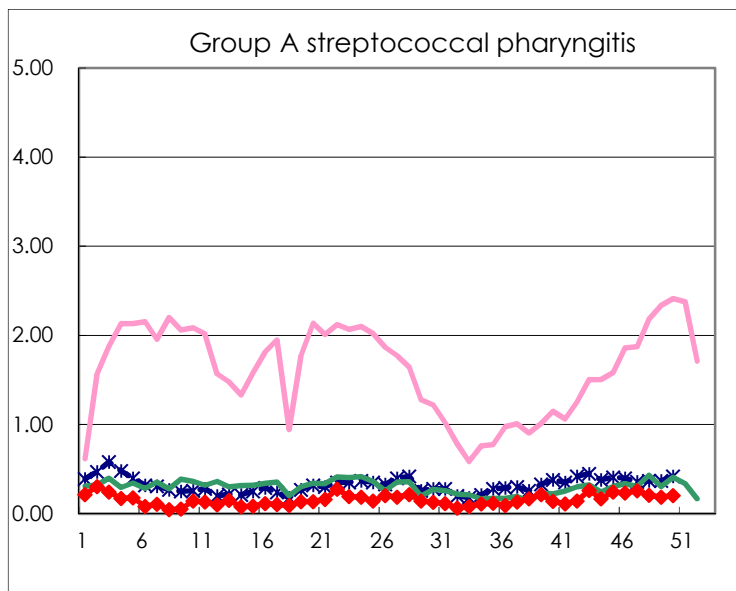
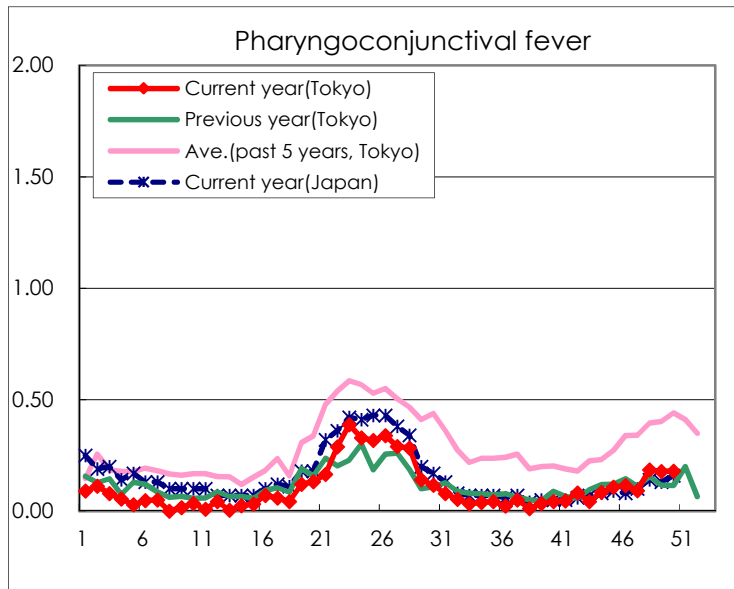
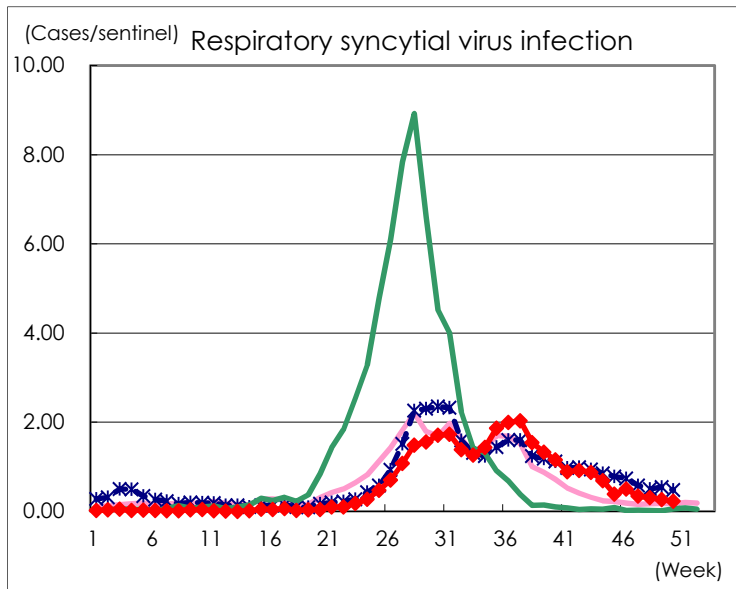
Category	Diseases	Tokyo					Japan	
		47th	48th	49th	50th	Cum 2022	50th	Cum 2022
V	Amebiasis	2		2	1	110	9	504
	Viral hepatitis(excluding hepatitis A and E)			1	1	34		194
	CRE infection	4	4	3	2	198	28	1,888
	Acute Flaccid Paralysis (excluding Acute poliomyelitis)					4	1	35
	Acute encephalitis(excluding JE and WNE)					28	4	368
	Cryptosporidiosis					2		7
	Creutzfeldt-Jakob disease		1			18	1	162
	Severe invasive streptococcal infections(TSLS)	5	2	1	3	103	12	701
	Acquired immunodeficiency syndrome (AIDS)	3	8	7	3	271	8	829
	Giardiasis					12		32
	Invasive <i>Haemophilus influenzae</i> disease				1	17	5	188
	Invasive meningococcal disease					1		8
	Invasive pneumococcal disease	1	6	4	4	135	23	1,254
	Varicella (limited to hospitalized case)	1	1	3		49	7	316
	Congenital rubella syndrome							
	Syphilis	72	79	80	61	3,514	168	12,480
	Disseminated cryptococcosis	1				14	2	145
	Tetanus	1	1			6		94
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection					6	1	128
	Pertussis	4	5			53	8	488
Rubella					3		14	
Measles							6	
MDRA infection					2		14	

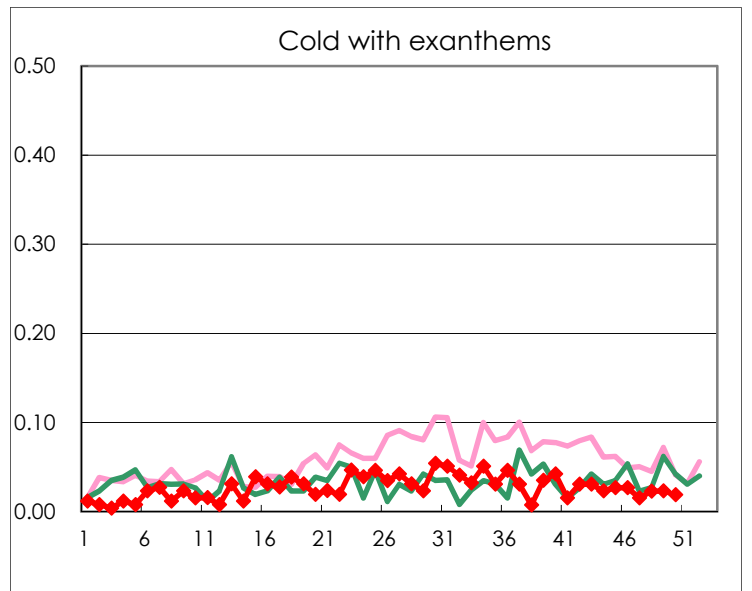
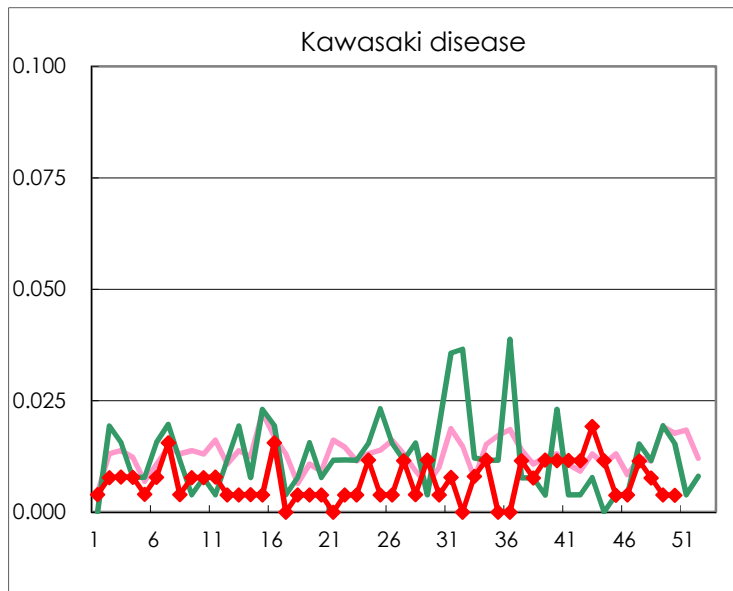
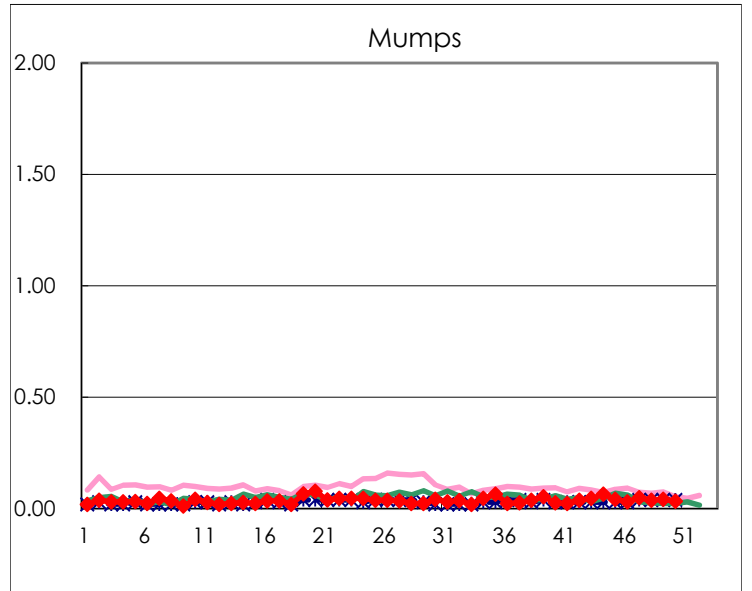
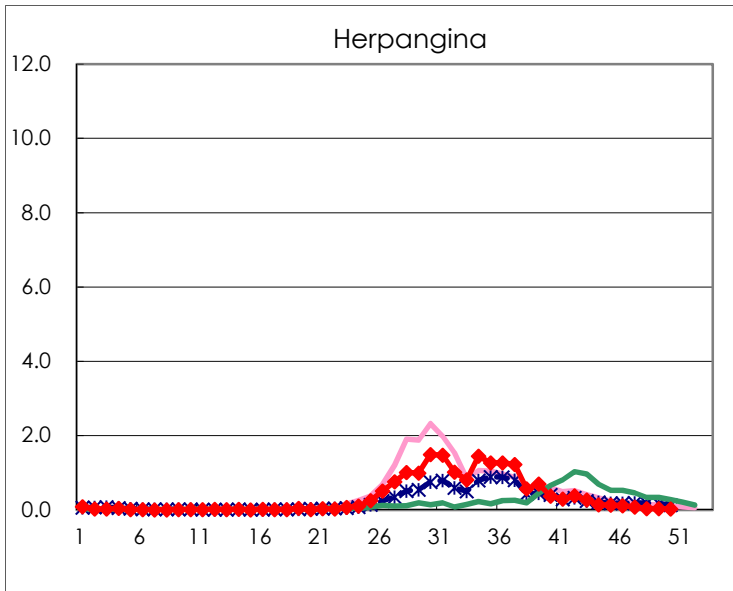
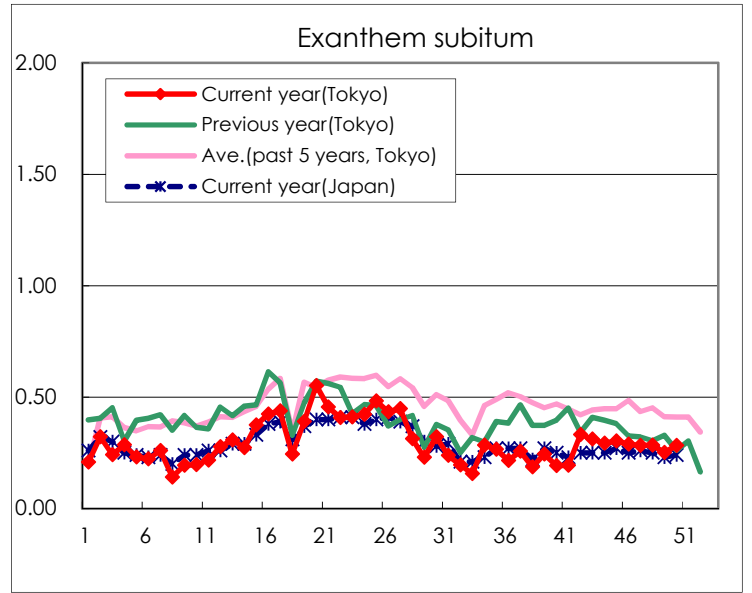
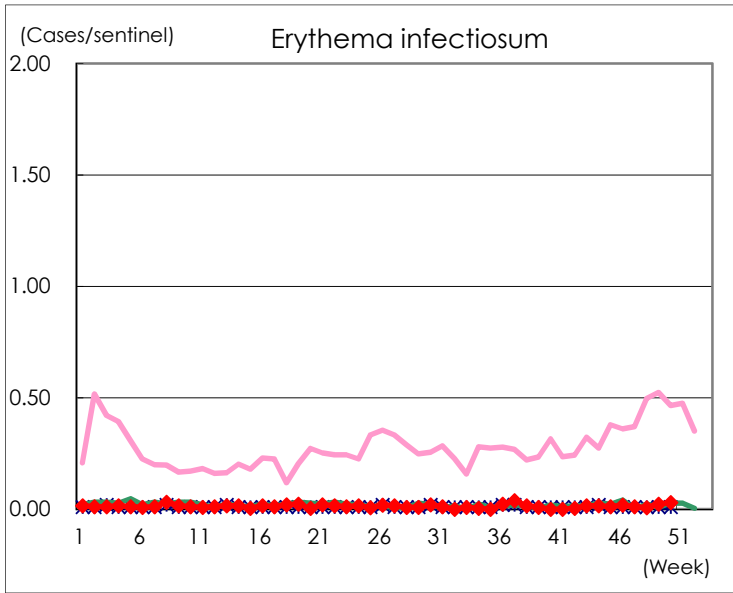
Number of patients with the diseases to be reported
by the designated clinics and hospitals

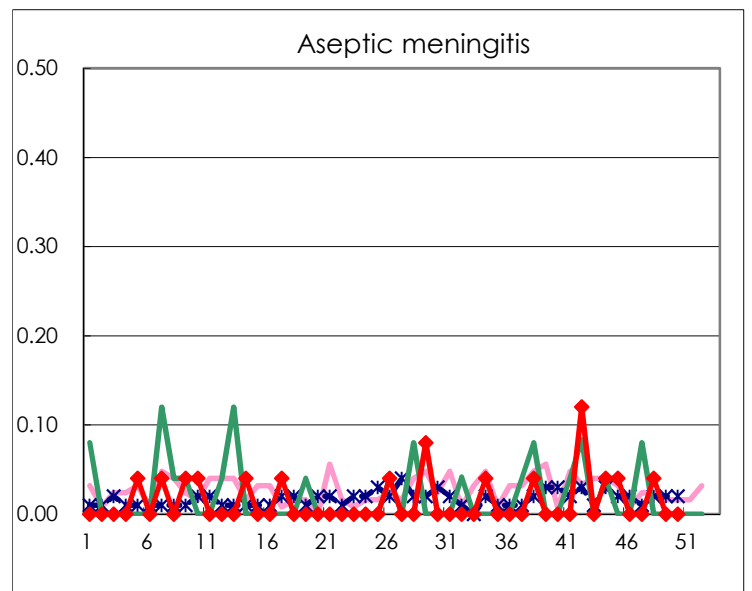
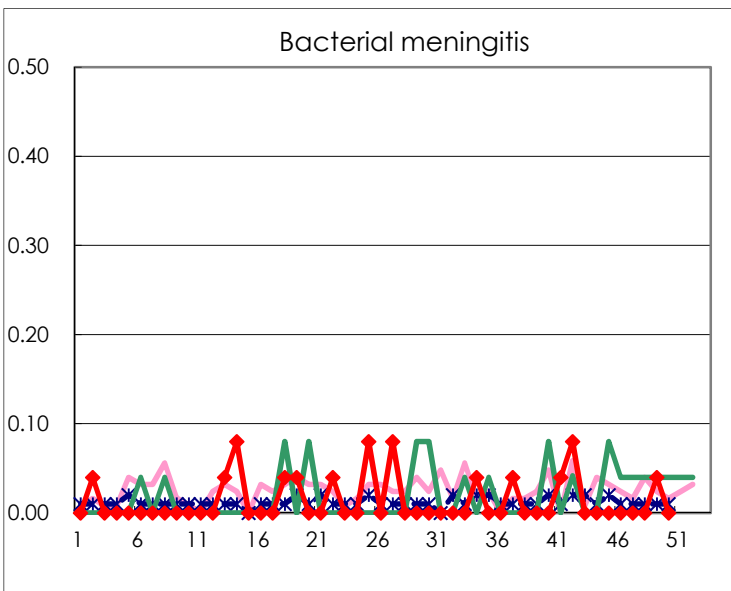
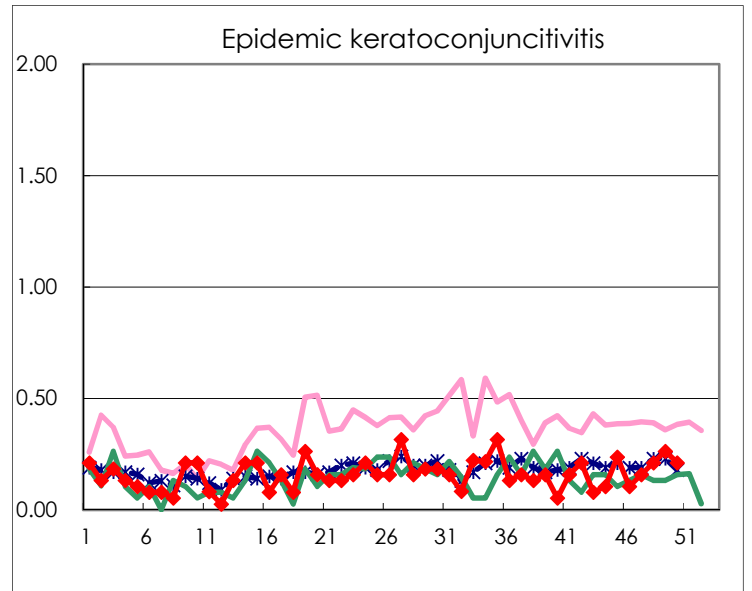
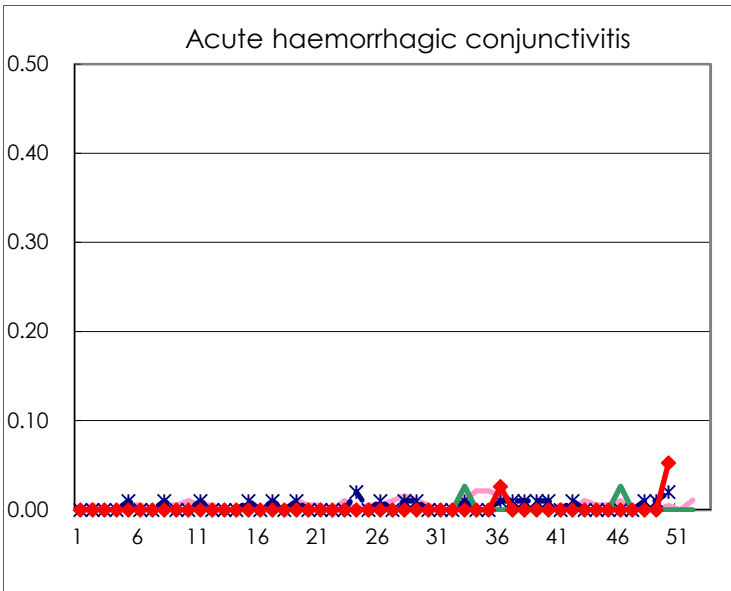
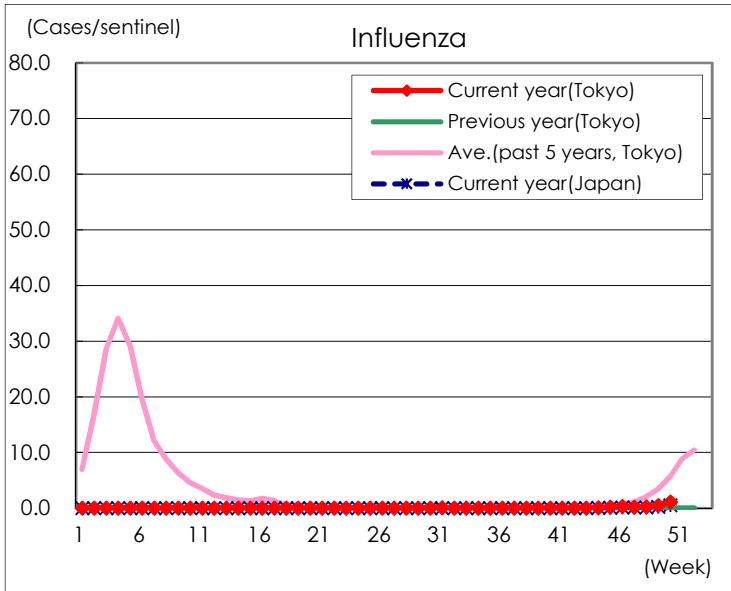
Diseases	Tokyo				
	47th	48th	49th	50th	/sentinel
Respiratory syncytial virus infection	89	80	68	59	0.23
Pharyngoconjunctival fever	24	48	46	47	0.18
Group A streptococcal pharyngitis	67	54	48	53	0.20
Infectious gastroenteritis	1,431	1,746	1,969	2,496	9.56
Chickenpox	35	36	40	35	0.13
Hand, foot, and mouth disease	90	65	64	46	0.18
Erythema infectiosum	3	2	6	8	0.03
Exanthem subitum	74	74	65	74	0.28
Herpangina	20	8	9	7	0.03
Mumps	13	10	11	9	0.03
Kawasaki disease	3	2	1	1	0.00
Cold with exanthems	4	6	6	5	0.02
Influenza	72	107	203	459	1.12
Acute hemorrhagic conjunctivitis				2	0.05
Epidemic keratoconjunctivitis	6	8	10	8	0.21
Bacterial meningitis			1		
Aseptic meningitis		1			
Mycoplasma pneumonia		1			
Chlamydial pneumonia (excluding psittacosis)				1	0.04
Infectious gastroenteritis (only by Rotavirus)					
Influenza-Associated Hospitalizations		1		5	0.20

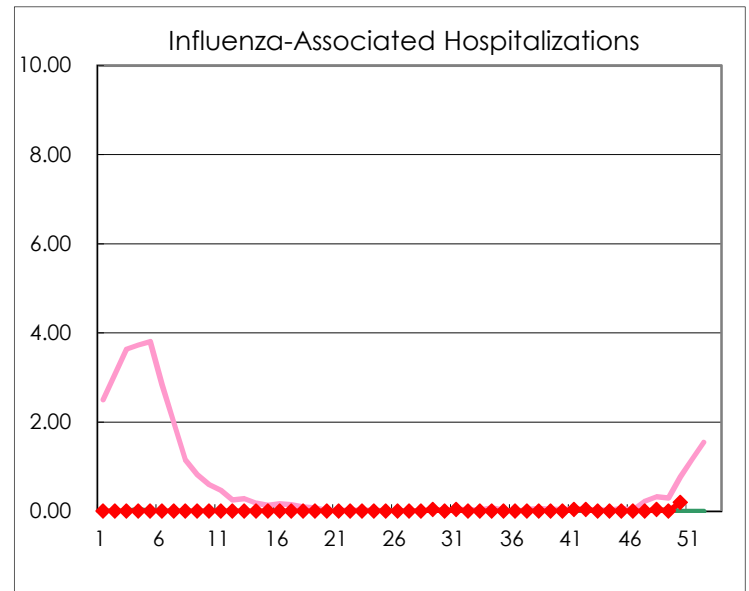
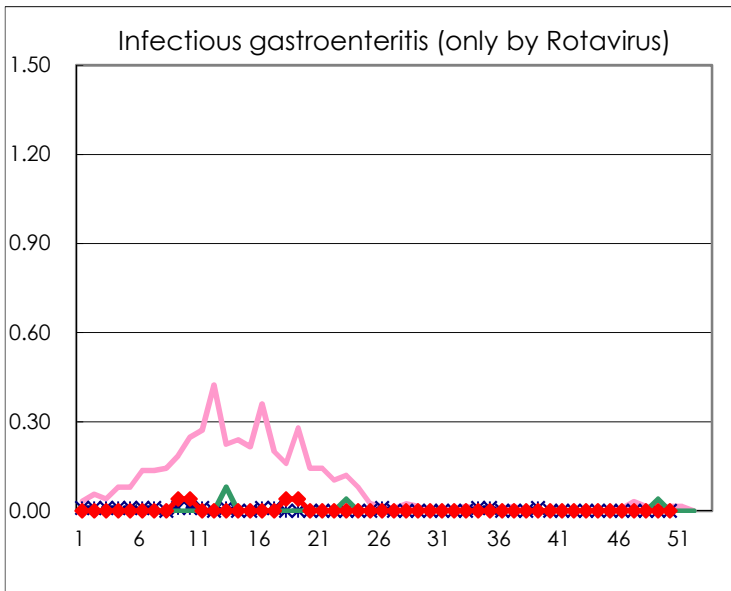
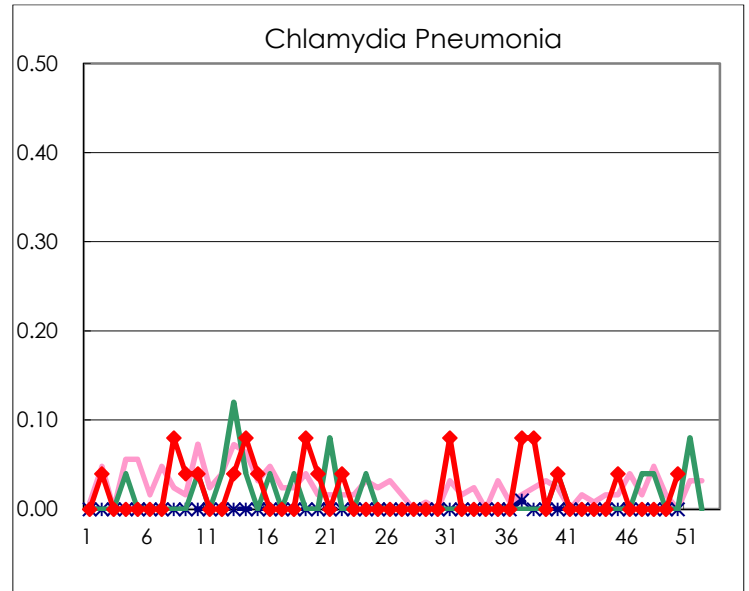
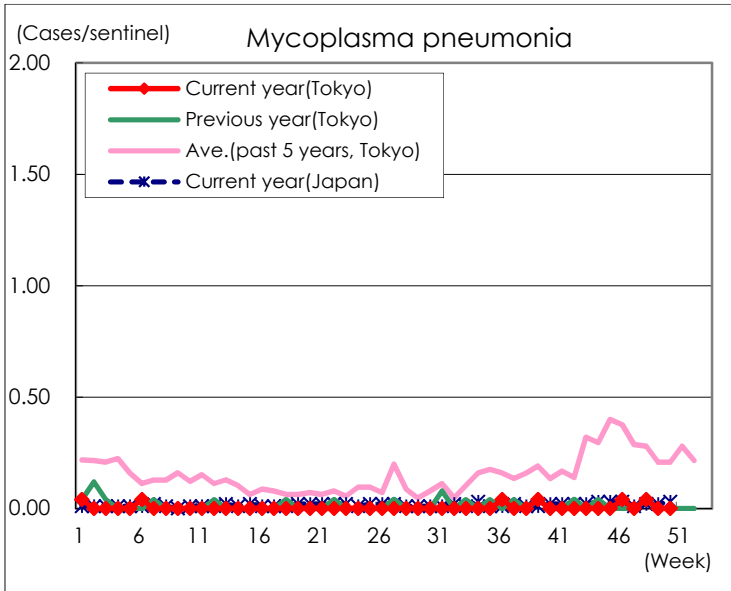
(Blank means 0.)

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	409
Ophthalmic	39	38
Specially-designated	25	25