

15 October 2015 / Number 41

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	
		38th	39th	40th	41st	Cum 2015	41st	Cum 2015
I	Ebola hemorrhagic fever							
	Crimean-Congo hemorrhagic fever							
	Smallpox							
	South American hemorrhagic fever							
	Plague							
	Marburg disease							
II	Lassa fever							
	Acute poliomyelitis							
	Tuberculosis	90	34	91	58	2,850	308	18,687
	Diphtheria							
	Severe Acute Respiratory Syndrome(SARS)							
	Middle East Respiratory Syndrome (MERS)							
	Avian influenza H5N1							
III	Avian influenza H7N9							
	Cholera							3
	Shigellosis		1	1		47	7	129
	Enterohemorrhagic Escherichia coli infection	12	7	2	5	299	40	3,153
	Typhoid fever	1		2	1	12	1	28
IV	Paratyphoid fever		1			7		26
	Hepatitis E				1	20	2	150
	West Nile fever							
	Hepatitis A	2	2	1	1	37	3	203
	Echinococcosis					1		11
	Yellow fever							
	Psittacosis							5
	Omsk hemorrhagic fever							
	Relapsing fever							3
	Kyasanur forest disease							
	Q fever							
	Rabies							
	Coccidioidomycosis					1		2
	Monkeypox							
	Severe Fever with Thrombocytopenia Syndrome						1	51
	Hemorrhagic fever with renal syndrome							
	Western equine encephalitis							
	Tick-borne encephalitis							
	Anthrax							
	Chikungunya fever					6		14
	Scrub typhus(Tsutsugamushi disease)					4		82
	Dengue fever	5	2	1	3	72	8	239
	Eastern equine encephalitis							
	Avian influenza (excluding H5N1 and H7N9)							
	Nipah virus infection							
	Japanese spotted fever					1	6	150
	Japanese encephalitis							1
	Hantavirus pulmonary syndrome							
	Herpes B virus infection							
	Glanders							
	Brucellosis					2		4
	Venezuelan equine encephalitis							
	Hendra virus infection							
	Epidemic typhus							
	Botulism							
	Malaria		1		1	15	2	36
	Tularemia							2
	Lyme disease					1		7
	Lyssavirus infection(excluding rabies)							
	Rift valley fever							
	Melioidosis					1		1
	Legionellosis	3	7	10	6	119	28	1,267
	Leptospirosis			2		8		21
	Rocky mountain spotted fever							

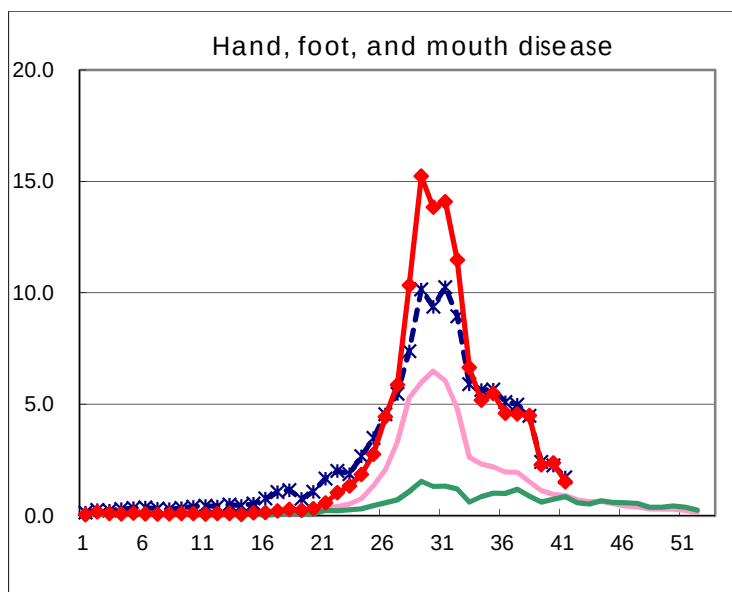
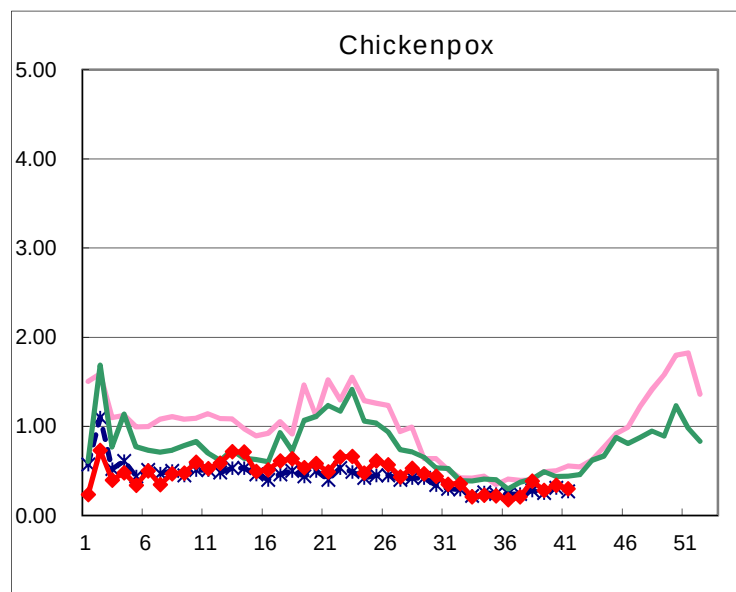
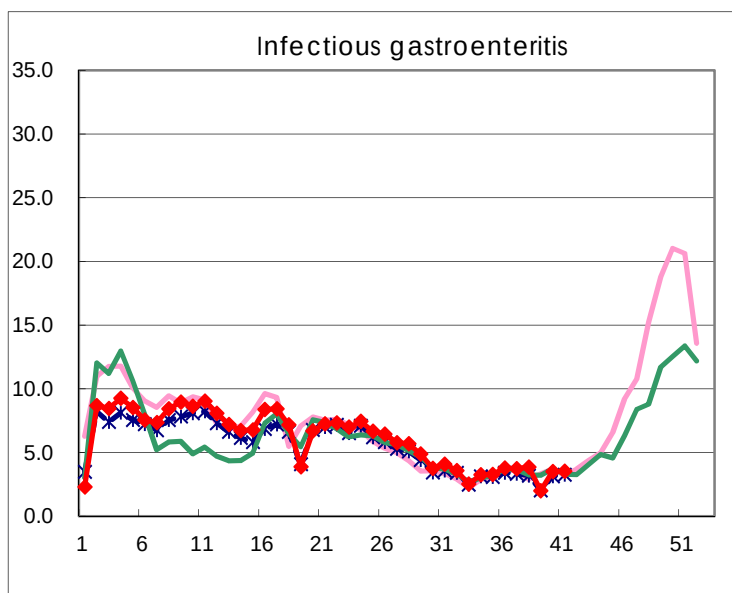
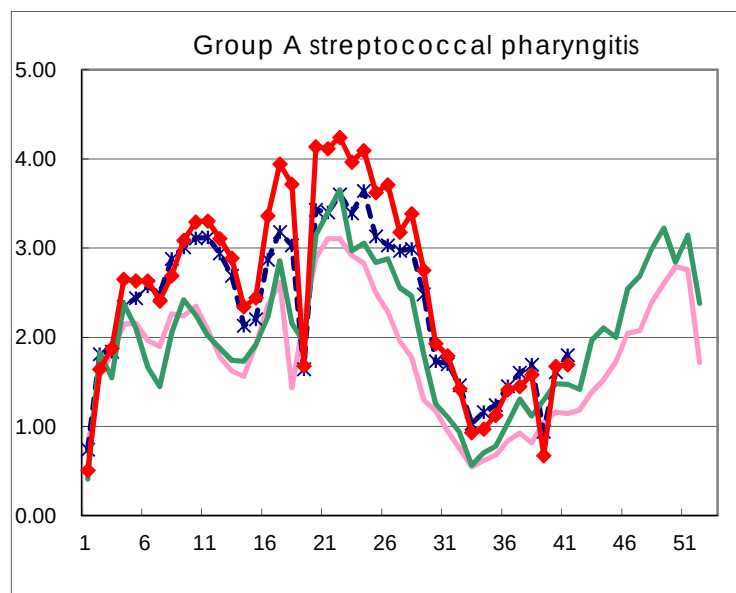
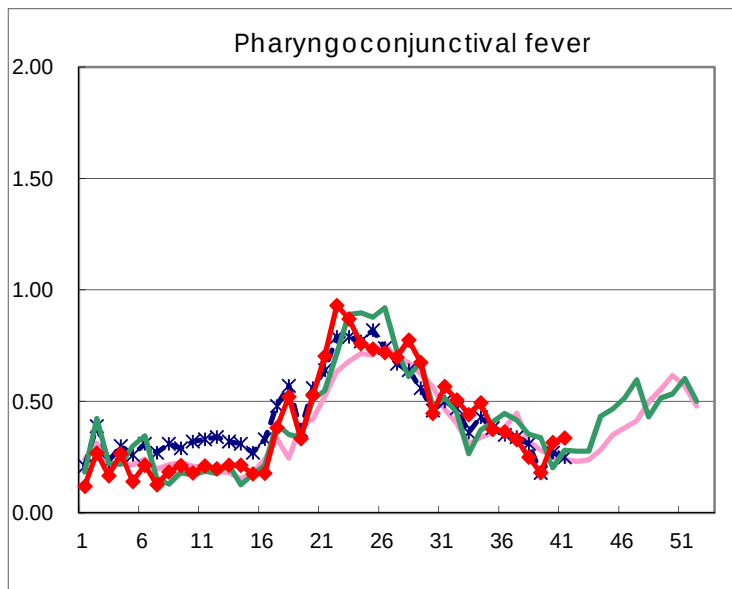
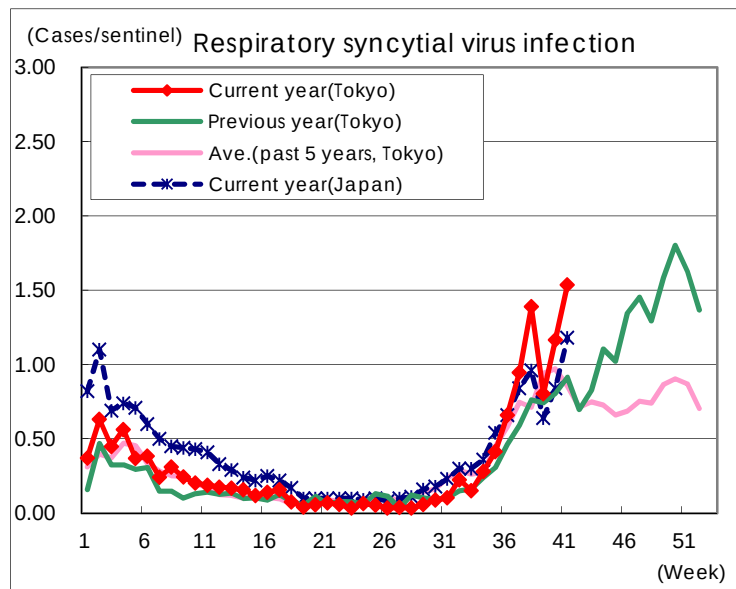
Category	Diseases	Tokyo					Japan	
		38th	39th	40th	41st	Cum 2015	41st	Cum 2015
V	Amebiasis	4	3	2	2	149	15	856
	Viral hepatitis(excluding hepatitis A and E)	1			2	39	1	190
	CRE infection	5	1	2	14	190	27	1,270
	Acute encephalitis(excluding JE and WNE)		1		2	37	4	390
	Cryptosporidiosis					3		12
	Creutzfeldt-Jakob disease	1		1		21		142
	Severe invasive streptococcal infections(TSLS)					49	3	335
	Acquired immunodeficiency syndrome (AIDS)	12	4	8	11	334	9	1,090
	Giardiasis	1	1			16	2	63
	Invasive <i>Haemophilus influenzae</i> disease		1	1		20	2	183
	Invasive meningococcal disease					7		25
	Invasive pneumococcal disease	3	4	8	4	237	12	1,732
	Varicella (limited to hospitalized case)	5		1	1	41	1	231
	Congenital rubella syndrome							
	Syphilis	33	12	22	21	780	25	1,905
	Disseminated cryptococcosis				1	9	2	92
	Tetanus					1	1	90
	Vancomycin-resistant <i>S. aureus</i> infection							
	Vancomycin-resistant <i>Enterococcus</i> infection					2		49
	Rubella	1	1	1	1	29	1	140
	Measles					9		28
	MDRA infection					6		25

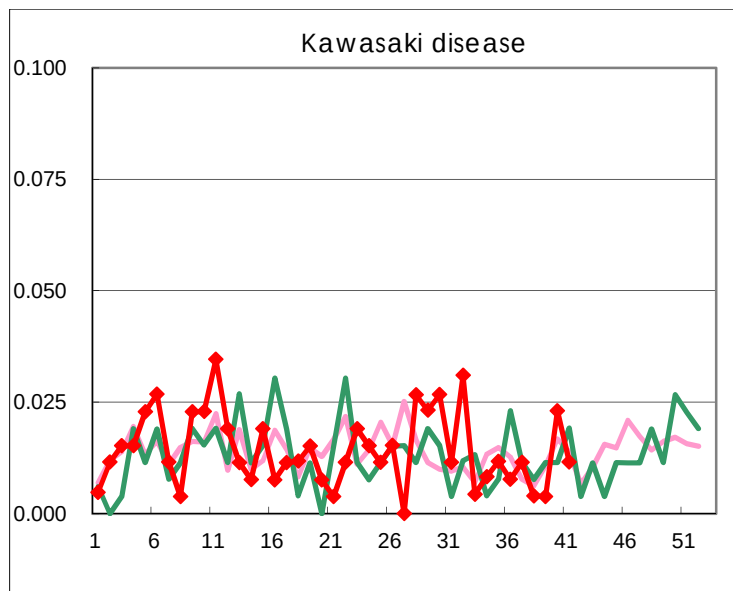
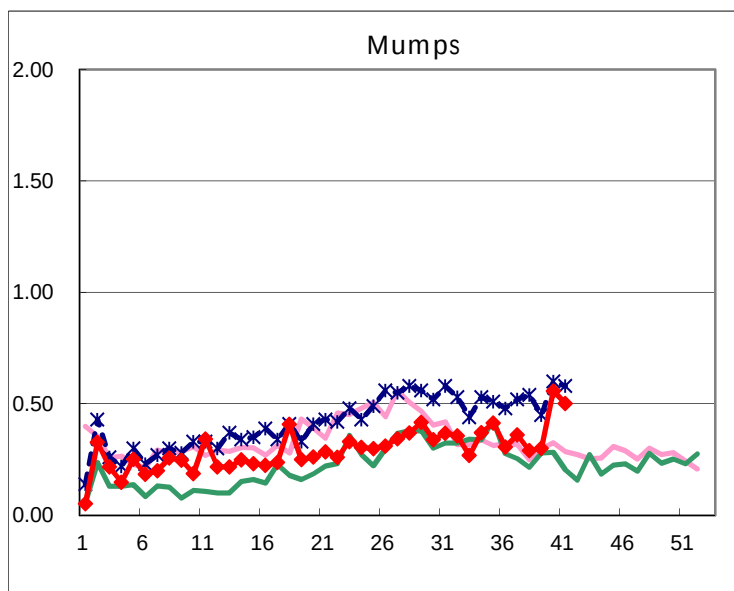
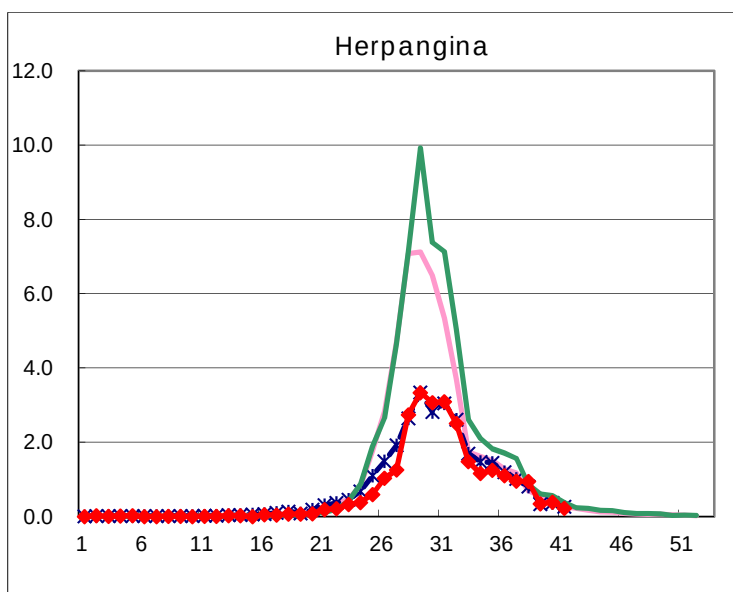
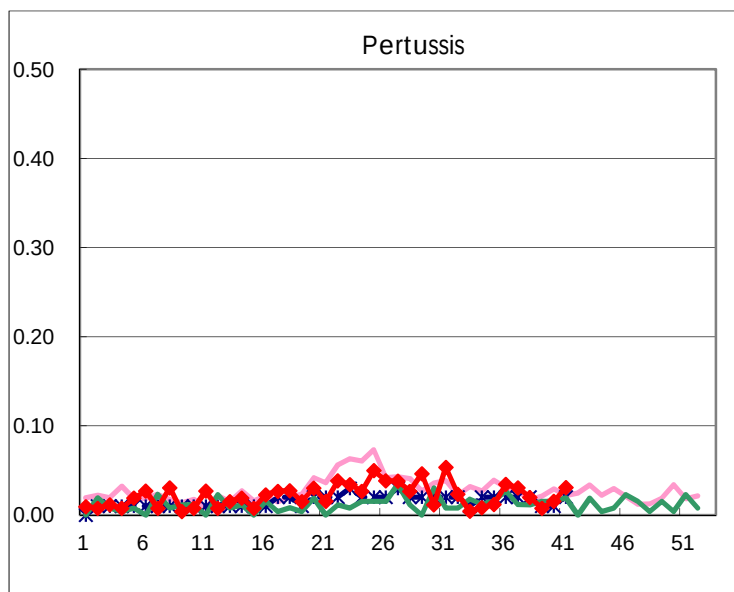
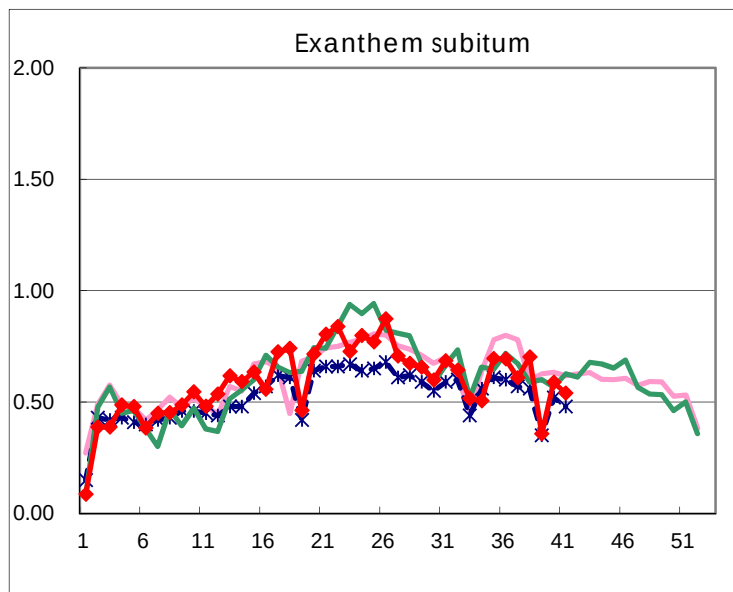
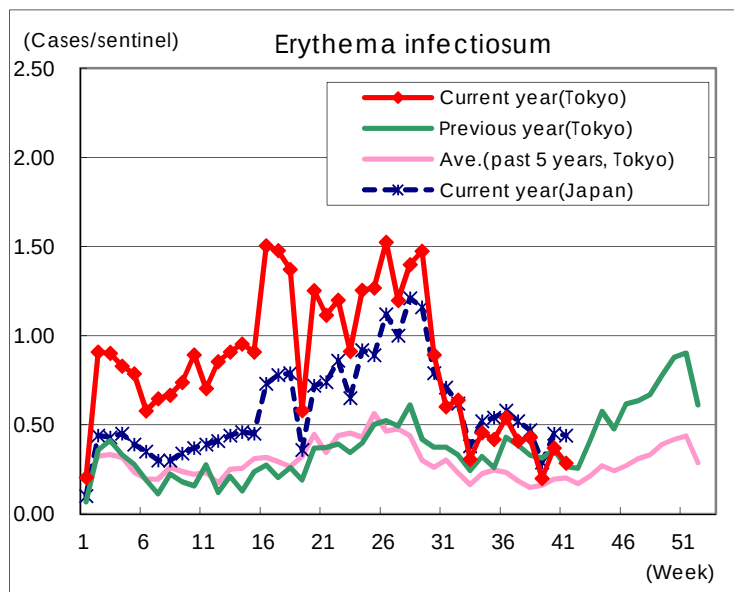
Number of patients with the diseases to be reported
by the designated clinics and hospitals

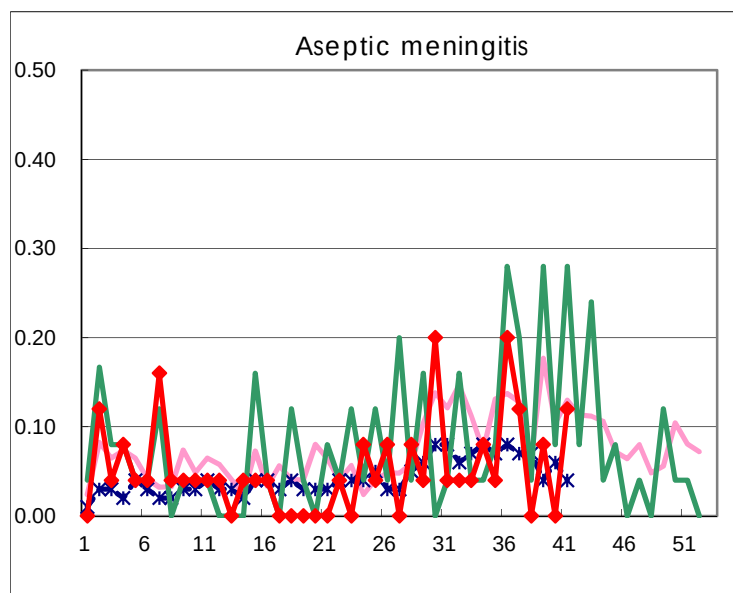
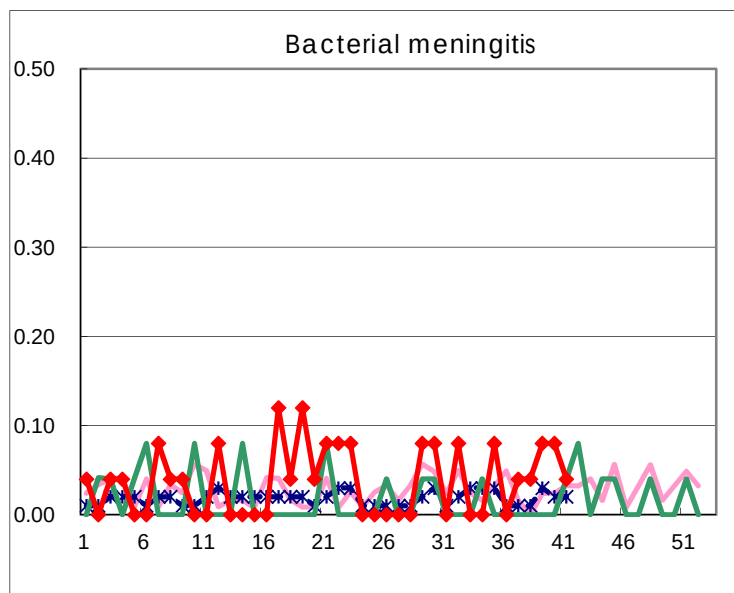
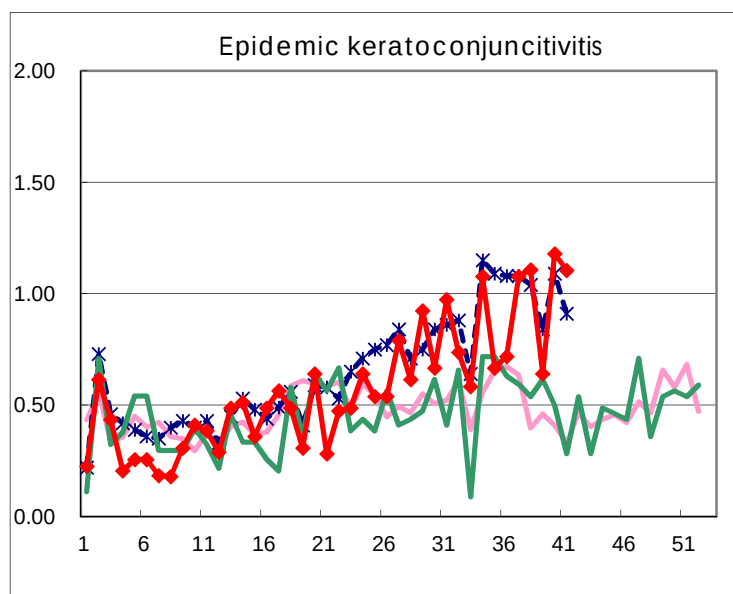
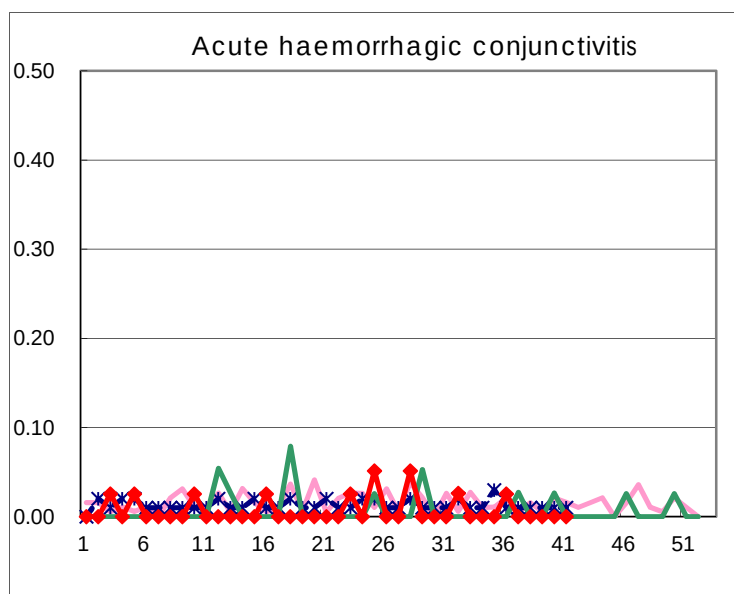
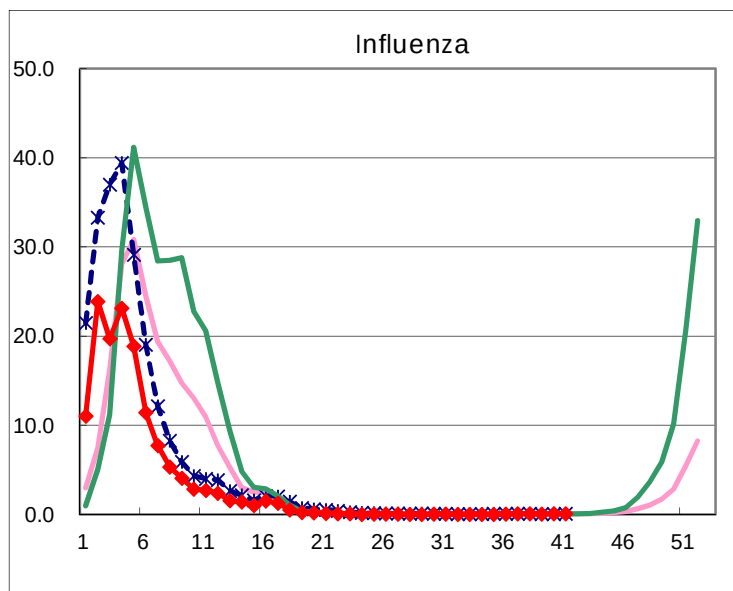
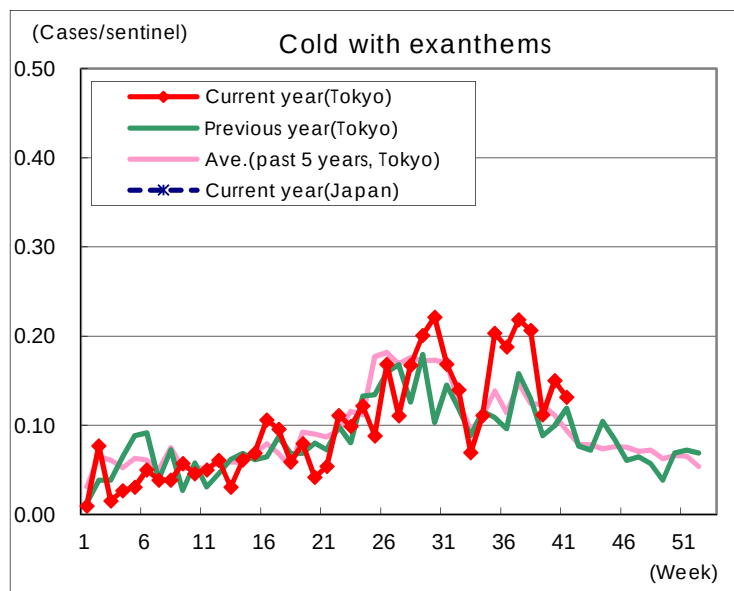
Diseases	Tokyo				
	38th	39th	40th	41st	/sentinel
Respiratory syncytial virus infection	350	209	303	398	1.54
Pharyngoconjunctival fever	63	47	82	87	0.34
Group A streptococcal pharyngitis	398	175	435	438	1.69
Infectious gastroenteritis	972	517	909	911	3.52
Chickenpox	97	73	88	77	0.30
Hand, foot, and mouth disease	1,133	594	618	393	1.52
Erythema infectiosum	108	52	96	74	0.29
Exanthem subitum	177	93	153	140	0.54
Pertussis	5	2	4	8	0.03
Herpangina	239	89	102	58	0.22
Mumps	73	78	145	130	0.50
Kawasaki disease	1	1	6	3	0.01
Cold with exanthems	52	29	39	34	0.13
Influenza	25	16	28	36	0.09
Acute hemorrhagic conjunctivitis					
Epidemic keratoconjunctivitis	41	25	46	42	1.11
Bacterial meningitis	1	2	2	1	0.04
Aseptic meningitis		2		3	0.12
Mycoplasma pneumonia	23	22	36	42	1.68
Chlamydial pneumonia (excluding psittacosis)	2	1	4	3	0.12
Infectious gastroenteritis (only by Rotavirus)			2	1	0.04
Influenza-Associated Hospitalizations	1				

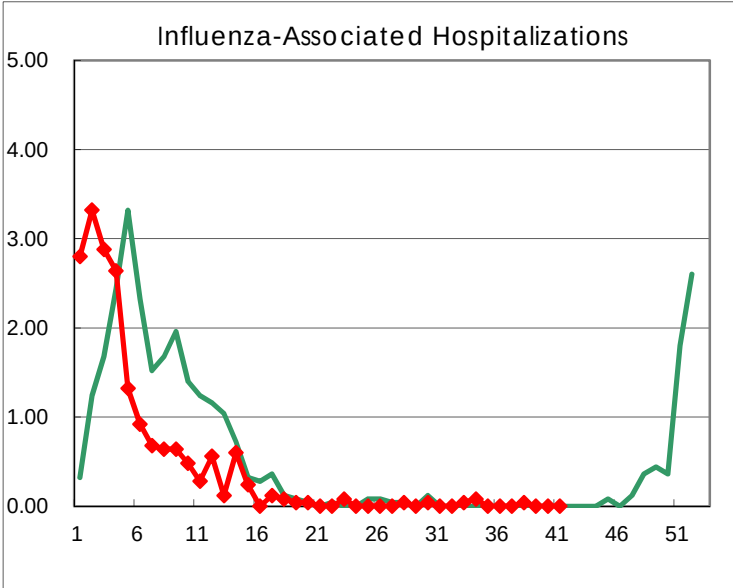
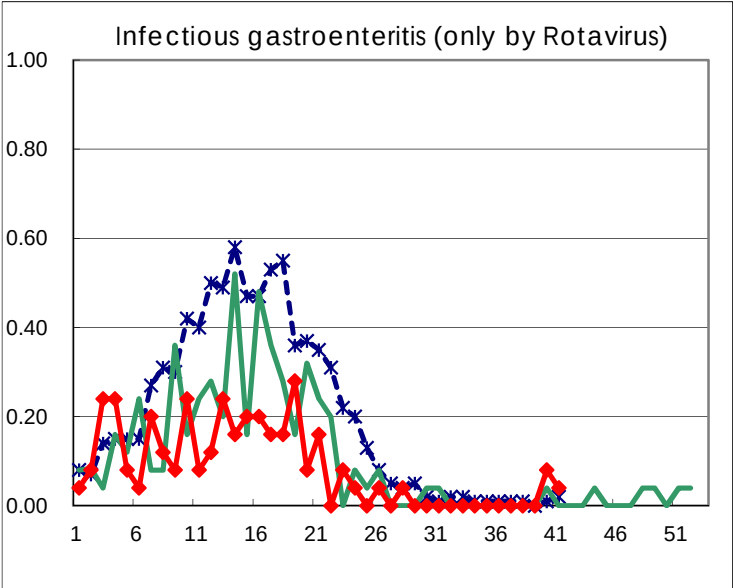
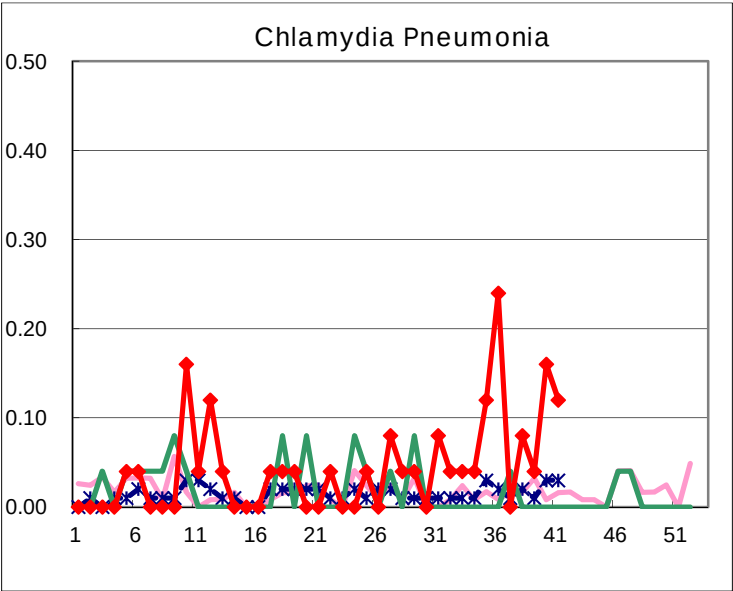
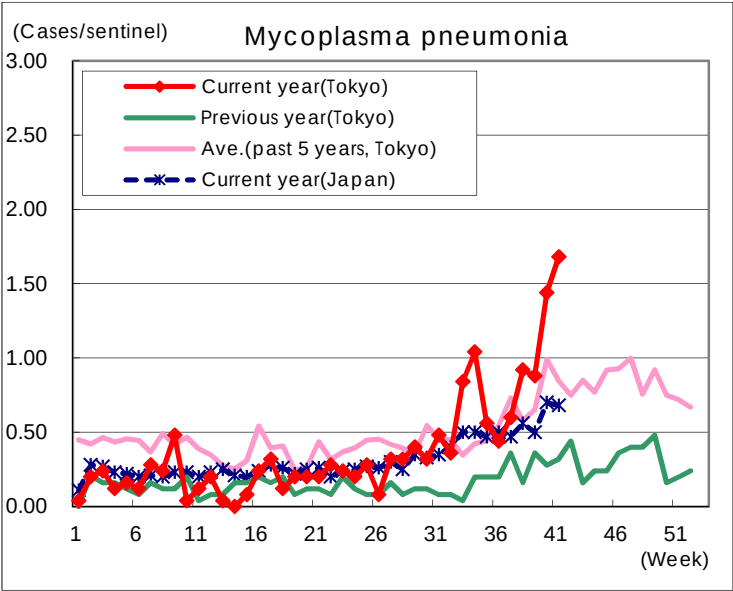
(Blank means 0.)

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	259
Influenza	419	410
Ophthalmic	39	38
Specially-designated	25	25