TABLES

I. Reports on Isolation of Bacteria (including Fungi, Spirochetes and Protozoa)

Reports from prefectural and municipal public health institutes

Table I. Isolation of bacteria from human sources, by month, Japan, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007
( ) : Imported cases included in the total

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN
T O T A L	10012 (329)	539 (7)	441 (6)	593 (6)	793 (15)	816 (15)	1039 (28)
Escherichia coli	2563 (151)	64	49 (1)	48 (1)	112 (4)	162 (3)	285 (1)
Shigella							
Shigella dysenteriae	3 (2)	–	–	–	–	–	1
Shigella flexneri	40 (20)	–	1 (1)	1	3	2 (1)	5 (5)
Shigella boydii	2 (2)	2 (2)	–	–	–	–	–
Shigella sonnei	101 (72)	4 (3)	1 (1)	6 (2)	5 (3)	9 (6)	12 (10)
Salmonella							
Salmonella Typhi	20 (8)	–	1	5 (1)	2	1	1
Salmonella Paratyphi A	29 (25)	–	–	1 (1)	4 (4)	5 (4)	3 (2)
Salmonella O4	305 (3)	5	8	9	19	5	20 (1)
Salmonella O7	314	9	7	11	8	23	26
Salmonella O8	132 (1)	2	5	–	1	8	7
Salmonella O9	697 (2)	55	6	22	33 (1)	32	67
Salmonella O3,10	37 (3)	1	–	5	1	4	3
Salmonella O1,3,19	4	–	–	1	1	–	1
Salmonella O11	4	–	–	–	1	2	–
Salmonella O13	5	–	–	1	–	–	–
Salmonella O16	10	–	–	–	4	4	1
Salmonella O18	4	1	1	–	–	–	–
Salmonella O40	1	–	–	–	–	–	–
Salmonella O45	1	–	–	–	–	1	–
Salmonella other groups	6	–	1	–	1	1	–
Salmonella group unknown	6 (1)	–	1	–	–	1	2
Vibrio cholerae O1:El Tor, Ogawa, CT(+)	22 (20)	–	–	–	2 (2)	1 (1)	8 (8)
Vibrio cholerae O1:El Tor, Ogawa, CT(–)	1	–	–	–	–	–	–
Vibrio cholerae O1:El Tor, Inaba, CT(+)	8 (7)	2 (2)	1 (1)	–	1 (1)	–	–
Vibrio cholerae non-O1&O139	6 (1)	–	1 (1)	–	–	–	–
Vibrio parahaemolyticus	582 (1)	–	2 (1)	2	–	1	6
Vibrio fluvialis	20	–	–	–	–	2	–
Aeromonas hydrophila	6	–	–	–	–	–	–
Aeromonas sobria	6	–	–	–	1	–	2
Plesiomonas shigelloides	10 (1)	–	–	1	–	–	1 (1)
Campylobacter jejuni	1150 (7)	30	31	55	110	177	183
Campylobacter coli	26	–	–	2	3	–	4
Campylobacter jejuni/coli	17	3	–	1	4	–	5
Staphylococcus aureus	550 (1)	43	40	56	40	55	47
Clostridium perfringens	306	4	30	53	102	16	15
Bacillus cereus	116	–	–	9	1	10	18
Listeria monocytogenes	2	–	–	–	1	–	–
Yersinia enterocolitica	17	2	1	1	1	–	2
Cryptosporidium parvum	22	–	–	–	–	–	–
Giardia lamblia	2	–	–	–	2	–	–
Streptococcus group A	2080 (1)	223	196	230 (1)	261	239	251
Streptococcus group B	251	22	15	17	25	13	27
Streptococcus group C	29	5	1	1	8	1	1
Streptococcus group G	93	11	3	11	7	6	8
Streptococcus other groups	5	–	–	–	–	–	–
Streptococcus pneumoniae	237	30	34	39	28	27	17
Bordetella pertussis	2	–	–	–	–	–	1
Clostridium tetani	1	–	1	–	–	–	–
Legionella pneumophila	5	–	1	–	–	2	1
Mycobacterium tuberculosis	4	1	–	–	–	1	–
Mycoplasma pneumoniae	42	4	2	3	–	–	–
Haemophilus influenzae b	10	2	1	–	–	–	–
Haemophilus influenzae non-b	93	14	–	2	1	5	6
Klebsiella pneumoniae	1	–	–	–	–	–	–
Neisseria gonorrhoeae	5	–	–	–	–	–	2
Others	1	–	–	–	–	–	–

Escherichia coli categorized by pathogenicity

Verotoxin-producing *E. coli* (EHEC/VTEC)	1901 (117)	15	15	18 (1)	62	117 (3)	244
Enterotoxigenic *E. coli* (ETEC)	247 (30)	2	3 (1)	2	6 (3)	9	4 (1)
Enteroinvasive *E. coli* (EIEC)	2	–	–	–	–	–	2
Enteropathogenic *E. coli* serotype (EPEC)	129 (4)	14	10	16	8 (1)	10	15
Other diarrhegenic *E. coli*	284	33	21	12	36	26	20

Shigella serovars

Shigella dysenteriae 1	1 (1)	–	–	–	–	–	–
Shigella dysenteriae 2	1	–	–	–	–	–	1
Shigella dysenteriae 4	1 (1)	–	–	–	–	–	–
Shigella flexneri 1a	3 (1)	–	–	1	1	–	–
Shigella flexneri 1b	3 (3)	–	–	–	–	–	–
Shigella flexneri 1	1 (1)	–	–	–	–	–	–
Shigella flexneri 2a	15 (8)	–	–	–	2	1 (1)	4 (4)
Shigella flexneri 2b	4 (3)	–	–	–	–	–	1 (1)
Shigella flexneri 3a	5 (1)	–	–	–	–	–	–
Shigella flexneri 4a	1 (1)	–	–	–	–	–	–
Shigella flexneri 4	1	–	–	–	–	–	–
Shigella flexneri 6	2 (1)	–	1 (1)	–	–	1	–
Shigella flexneri var.X	4 (1)	–	–	–	–	–	–
Shigella flexneri serovar unknown	1	–	–	–	–	–	–
Shigella boydii 8	2 (2)	2 (2)	–	–	–	–	–
Shigella sonnei	101 (72)	4 (3)	1 (1)	6 (2)	5 (3)	9 (6)	12 (10)

Table I.-Continued

( ) : Imported cases included in the total

	7 JUL		8 AUG		9 SEP		10 OCT		11 NOV		12 DEC	
TOTAL	1185	(128)	1821	(42)	857	(22)	772	(24)	625	(16)	531	(20)
Escherichia coli	480	(117)	612	(12)	286	(2)	232	(1)	139	(6)	94	(3)
Shigella												
Shigella dysenteriae	–		1	(1)	1	(1)	–		–		–	
Shigella flexneri	3	(1)	5	(4)	4		7	(5)	4	(2)	5	(1)
Shigella boydii	–		–		–		–		–		–	
Shigella sonnei	6	(4)	19	(17)	15	(6)	10	(8)	5	(4)	9	(8)
Salmonella												
Salmonella Typhi	3	(2)	1		1	(1)	3	(3)	–		2	(1)
Salmonella Paratyphi A	–		1	(1)	3	(2)	5	(4)	3	(3)	4	(4)
Salmonella O4	36		40	(1)	46		44	(1)	53		20	
Salmonella O7	37		78		26		43		32		14	
Salmonella O8	9		62	(1)	17		8		6		7	
Salmonella O9	101		147		86		79	(1)	37		32	
Salmonella O3,10	8		6	(1)	3	(1)	–		3		3	(1)
Salmonella O1,3,19	–		–		1		–		–		–	
Salmonella O11	–		–		–		1		–		–	
Salmonella O13	1		1		1		–		1		–	
Salmonella O16	–		–		–		–		1		–	
Salmonella O18	–		–		–		2		–		–	
Salmonella O40	–		–		–		1		–		–	
Salmonella O45	–		–		–		–		–		–	
Salmonella other groups	1		2		–		–		–		–	
Salmonella group unknown	1		–		–		–		–		1	(1)
Vibrio cholerae O1:El Tor, Ogawa, CT(+)	4	(4)	3	(2)	3	(2)	–		–		1	(1)
Vibrio cholerae O1:El Tor, Ogawa, CT(−)	–		–		–		–		1		–	
Vibrio cholerae O1:El Tor, Inaba, CT(+)	–		1		1	(1)	1	(1)	1	(1)	–	
Vibrio cholerae non-O1&O139	1		2		–		–		–		2	
Vibrio parahaemolyticus	93		407		62		7		1		1	
Vibrio fluvialis	–		3		1		–		–		14	
Aeromonas hydrophila	1		4		–		–		1		–	
Aeromonas sobria	–		1		1		–		–		1	
Plesiomonas shigelloides	6		2		–		–		–		–	
Campylobacter jejuni	126		85	(1)	109	(6)	96		65		83	
Campylobacter coli	2		4		5		1		1		4	
Campylobacter jejuni/coli	–		–		–		–		1		3	
Staphylococcus aureus	55		92	(1)	36		10		59		17	
Clostridium perfringens	–		65		7		11		3		–	
Bacillus cereus	4		19		41		6		2		6	
Listeria monocytogenes	–		–		1		–		–		–	
Yersinia enterocolitica	2		2		–		3		2		1	
Cryptosporidium parvum	–		–		22		–		–		–	
Giardia lamblia	–		–		–		–		–		–	
Streptococcus group A	137		78		53		113		145		154	
Streptococcus group B	37		29		2		27		20		17	
Streptococcus group C	1		7		–		2		1		1	
Streptococcus group G	9		6		3		7		10		12	
Streptococcus other groups	3		1		–		1		–		–	
Streptococcus pneumoniae	11		15		5		19		7		5	
Bordetella pertussis	–		–		–		1		–		–	
Clostridium tetani	–		–		–		–		–		–	
Legionella pneumophila	–		1		–		–		–		–	
Mycobacterium tuberculosis	1		1		–		–		–		–	
Mycoplasma pneumoniae	–		2		2		7		11		11	
Haemophilus influenzae b	–		2		–		1		1		3	
Haemophilus influenzae non-b	5		13		13		24		7		3	
Klebsiella pneumoniae	–		1		–		–		–		–	
Neisseria gonorrhoeae	–		–		–		–		2		1	
Others	1		–		–		–		–		–	

Escherichia coli categorized by pathogenicity

Verotoxin-producing *E. coli* (EHEC/VTEC)	406	(108)	483		233		150		113	(5)	45	
Enterotoxigenic *E. coli* (ETEC)	41	(8)	94	(12)	19	(2)	59	(1)	4	(1)	4	(1)
Enteroinvasive *E. coli* (EIEC)	–		–		–		–		–		–	
Enteropathogenic *E. coli* serotype (EPEC)	12	(1)	8		6		5		11		14	(2)
Other diarrhegenic *E. coli*	21		27		28		18		11		31	

Shigella serovars

Shigella dysenteriae 1	–		1	(1)	–		–		–		–	
Shigella dysenteriae 2	–		–		–		–		–		–	
Shigella dysenteriae 4	–		–		1	(1)	–		–		–	
Shigella flexneri 1a	–		1	(1)	–		–		–		–	
Shigella flexneri 1b	–		1	(1)	–		2	(2)	–		–	
Shigella flexneri 1	1	(1)	–		–		–		–		–	
Shigella flexneri 2a	1		1	(1)	–		2	(1)	–		4	(1)
Shigella flexneri 2b	–		–		–		2	(1)	1	(1)	–	
Shigella flexneri 3a	1		1		–		–		2	(1)	1	
Shigella flexneri 4a	–		1	(1)	–		–		–		–	
Shigella flexneri 4	–		–		–		–		1		–	
Shigella flexneri 6	–		–		–		–		–		–	
Shigella flexneri var.X	–		–		3		1	(1)	–		–	
Shigella flexneri serovar unknown	–		–		1		–		–		–	
Shigella boydii 8	–		–		–		–		–		–	
Shigella sonnei	6	(4)	19	(17)	15	(6)	10	(8)	5	(4)	9	(8)

I-1. *Salmonella* serovars, by month, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007
( ) : Imported cases included in the total

GROUP	SEROVAR	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
O4	Typhimurium	122	–	2	2	3	1	4	21	11	17	20	34	7
	Saintpaul	42	–	1	1	4	1	3	3	7	8	5	5	4
	Agona	35 (1)	1	3	–	1	1	3	2	10	7	4 (1)	1	2
	Paratyphi B	23	–	–	–	–	1	–	–	5	7	–	9	1
	Stanley	12	–	–	–	1	–	2	2	3	2	2	–	–
	Schwarzengrund	10	1	1	1	2	–	2	–	1	–	–	1	1
	Derby	5	–	–	1	2	1	–	–	–	–	–	1	–
	Haifa	4 (1)	–	–	–	–	–	2 (1)	–	–	–	2	–	–
	Brandenburg	3	–	–	1	–	–	–	–	–	1	–	1	–
	Heidelberg	3	1	–	1	–	–	–	–	–	–	–	–	1
	Schleissheim	3	–	–	–	–	–	2	–	–	–	–	–	1
	Kiambu	2	–	–	–	–	–	–	1	–	–	1	–	–
	Agama	1	–	–	–	–	–	–	–	–	–	–	–	1
	Bredeney	1	–	–	–	–	–	–	–	–	1	–	–	–
	Chester	1	–	–	–	–	–	1	–	–	–	–	–	–
	Kimuenza	1	–	–	–	1	–	–	–	–	–	–	–	–
	Reading	1	–	–	–	1	–	–	–	–	–	–	–	–
	Others	15	2	–	1	2	–	–	2	1	1	5	–	1
	Not typed	21 (1)	–	1	1	2	–	1	5	2 (1)	2	5	1	1
O7	Infantis	115	1	3	5	1	9	8	9	36	10	4	25	4
	Thompson	80	5	2	2	–	9	6	9	12	3	26	2	4
	Virchow	30	–	1	–	2	1	1	6	11	2	5	–	1
	Montevideo	19	–	–	–	–	2	2	4	5	2	4	–	–
	Braenderup	12	–	–	–	–	–	1	1	4	3	–	2	1
	Oranienburg	11	1	–	–	1	–	1	1	3	3	–	–	1
	Bareilly	5	–	–	–	1	–	2	–	–	–	–	1	1
	Livingstone	4	–	–	1	–	–	–	–	2	–	1	–	–
	Mbandaka	4	–	–	–	1	–	–	1	1	1	–	–	–
	Rissen	4	–	1	–	–	–	–	–	1	–	1	1	–
	Ohio	3	–	–	1	–	–	1	1	–	–	–	–	–
	Singapore	3	1	–	–	–	1	–	–	–	–	1	–	–
	Tennessee	3	1	–	–	–	1	1	–	–	–	–	–	–
	Potsdam	2	–	–	–	–	–	–	1	1	–	–	–	–
	Choleraesuis	1	–	–	–	–	–	–	–	1	–	–	–	–
	Isangi	1	–	–	–	1	–	–	–	–	–	–	–	–
	Mikawasima	1	–	–	–	–	–	–	1	–	–	–	–	–
	Others	3	–	–	1	–	–	–	1	–	–	–	–	1
	Not typed	13	–	–	1	1	–	3	2	1	2	1	1	1
O8	Litchfield	51	–	–	–	–	–	1	1	46	1	1	–	1
	Corvallis	22	–	2	–	–	–	1	3	4	6	3	2	1
	Newport	16 (1)	–	1	–	–	–	1	1	6 (1)	2	1	4	–
	Nagoya	8	–	–	–	–	1	2	2	1	1	1	–	–
	Hadar	7	1	1	–	–	3	–	1	–	–	–	–	1
	Manhattan	5	–	–	–	–	2	2	–	1	–	–	–	–
	Yovokome	5	–	–	–	1	–	–	–	1	2	1	–	–
	Blockley	2	–	1	–	–	1	–	–	–	–	–	–	–
	Pakistan	2	–	–	–	–	1	–	–	1	–	–	–	–
	Albany	1	–	–	–	–	–	–	–	–	–	–	–	1
	Breda	1	–	–	–	–	–	–	–	–	–	–	–	1
	Brunei	1	–	–	–	–	–	–	–	–	–	1	–	–
	Istanbul	1	–	–	–	–	–	–	–	1	–	–	–	–
	Kottbus	1	–	–	–	–	–	–	1	–	–	–	–	–
	Tallahassee	1	–	–	–	–	–	–	–	–	1	–	–	–
	Not typed	8	1	–	–	–	–	–	–	1	4	–	–	2
O9	Enteritidis	671	55	5	22	30	32	60	94	145	86	77	35	30
	Panama	2	–	–	–	–	–	–	1	1	–	–	–	–
	Javiana	1	–	–	–	1	–	–	–	–	–	–	–	–
	Miami	1	–	–	–	–	–	–	–	–	–	–	1	–
	Miyazaki	1	–	–	–	–	–	–	–	1	–	–	–	–
	Others	3 (2)	–	–	–	1 (1)	–	–	1	–	–	1 (1)	–	–
	Not typed	18	–	1	–	1	–	7	5	–	–	1	1	2
O3,10	Muenster	8	–	–	–	–	–	–	8	–	–	–	–	–
	London	7	–	–	3	–	2	–	–	2	–	–	–	–
	Weltevreden	6	–	–	–	1	–	2	–	1	–	–	1	1
	Anatum	5 (2)	–	–	–	–	2	–	–	–	2 (1)	–	–	1 (1)
	Lexington	3	–	–	1	–	–	–	–	–	–	–	2	–
	Amager	2	–	–	–	–	–	–	–	–	1	–	–	1
	Amsterdam	1 (1)	–	–	–	–	–	–	–	1 (1)	–	–	–	–
	Give	1	1	–	–	–	–	–	–	–	–	–	–	–
	Meleagridis	1	–	–	–	–	–	1	–	–	–	–	–	–
	Ughelli	1	–	–	1	–	–	–	–	–	–	–	–	–
	Not typed	2	–	–	–	–	–	–	–	2	–	–	–	–
O1,3,19	Senftenberg	4	–	–	1	1	–	1	–	–	1	–	–	–
O11	Aberdeen	3	–	–	–	1	2	–	–	–	–	–	–	–
	Abaetetuba	1	–	–	–	–	–	–	–	–	–	1	–	–
O13	Havana	2	–	–	1	–	–	–	–	–	1	–	–	–
	Idikan	1	–	–	–	–	–	–	–	1	–	–	–	–
	Poona	1	–	–	–	–	–	–	–	–	–	–	1	–
	Not typed	1	–	–	–	–	–	–	1	–	–	–	–	–
O16	Hvittingfoss	10	–	–	–	4	4	1	–	–	–	–	1	–
O18	Cerro	3	1	1	–	–	–	–	–	–	–	1	–	–
	Not typed	1	–	–	–	–	–	–	–	–	–	1	–	–

I-2. Group A *Streptococcus* T serotypes, by month, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007
( ) : Imported cases included in the total

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
T1	365	36	36	43	68	51	41	15	10	17	9	19	20
T2	23	10	1	3	–	–	4	–	1	–	1	3	–
T3	77	7	12	6	8	13	13	4	1	–	4	6	3
T4	346	38	43	55	34	28	32	24	19	7	16	31	19
T6	55	11	8	6	7	9	9	–	1	–	1	–	3
T8	7	–	3	–	–	–	–	1	–	–	–	1	2
T9	5	–	1	–	–	1	–	–	1	–	–	2	–
T11	61	4	8	7	11	4	4	3	4	1	7	5	3
T12	693 (1)	67	53	69 (1)	90	88	93	58	19	13	35	44	64
T13	22	5	1	4	2	2	2	–	1	–	3	1	1
T18	1	–	–	–	–	1	–	–	–	–	–	–	–
T22	7	2	–	1	1	1	–	–	–	–	1	1	–
T25	61	10	4	6	6	7	8	3	1	–	5	2	9
T28	130	17	9	12	12	5	17	9	3	2	13	13	18
TB3264	80	2	12	6	5	10	7	5	8	2	11	4	8
T5/27/44	2	–	–	1	–	–	–	1	–	–	–	–	–
T14/49	1	–	–	–	–	–	–	–	–	1	–	–	–
Untypable	142	14	5	11	17	19	21	14	7	10	7	13	4
Not typed	2	–	–	–	–	–	–	–	2	–	–	–	–

Table II. Isolation of bacteria from human sources, by year, Japan, 1999 - 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007
( ) : Imported cases included in the total

	1999		2000		2001		2002		2003		2004	
TOTAL	16231	(429)	12165	(317)	12333	(229)	10012	(117)	10818	(200)	10012	(329)
Escherichia coli	3173	(135)	3434	(140)	3934	(115)	2625	(15)	2680	(90)	2563	(151)
Shigella												
Shigella dysenteriae	2	(2)	4	(4)	2	(1)	2	(2)	2	(2)	3	(2)
Shigella flexneri	108	(24)	45	(16)	40	(12)	66	(8)	21	(5)	40	(20)
Shigella boydii	8	(5)	4	(4)	2	(1)	3	(1)	8	(5)	2	(2)
Shigella sonnei	262	(83)	205	(77)	225	(55)	186	(47)	79	(43)	101	(72)
Shigella species unknown	–		–		1	(1)	–		–		–	
Salmonella												
Salmonella Typhi	42	(20)	33	(14)	17	(9)	18	(8)	14	(6)	20	(8)
Salmonella Paratyphi A	12	(7)	9	(5)	4	(2)	10	(3)	22	(18)	29	(25)
Salmonella O2	–		1		–		–		–		–	
Salmonella O4	550	(13)	368	(3)	401	(4)	235	(3)	357	(1)	305	(3)
Salmonella O7	2108	(3)	520	(3)	556	(1)	282	(2)	395		314	
Salmonella O8	290	(6)	255	(3)	213	(5)	207	(3)	133	(5)	132	(1)
Salmonella O9	2942	(9)	1893	(3)	1571	(4)	1346	(2)	1469	(2)	697	(2)
Salmonella O9,46	5		–		–		2		–		–	
Salmonella O3,10	71	(2)	65	(2)	37		32	(4)	23		37	(3)
Salmonella O1,3,19	18	(2)	8		23		22		10		4	
Salmonella O11	•		3		5		2		2		4	
Salmonella O13	10		13		7	(1)	5		4		5	
Salmonella O6,14	•		3		1		–		–		–	
Salmonella O16	•		4		4		4		3		10	
Salmonella O17	•		–		–		1	(1)	–		–	
Salmonella O18	15		13		7		–		5		4	
Salmonella O28	•		1		1		–		–		–	
Salmonella O30	•		2		1		–		1	(1)	–	
Salmonella O35	•		2		1		2		–		–	
Salmonella O38	•		–		–		–		1		–	
Salmonella O39	•		3		3		4		6		–	
Salmonella O40	•		–		–		–		–		1	
Salmonella O43	•		–		1		–		–		–	
Salmonella O45	•		–		–		–		–		1	
Salmonella other groups	44	(2)	2		2		2		4		6	
Salmonella group unknown	13		10		9		5		9		6	(1)
Vibrio cholerae O1:El Tor,Ogawa,CT(+)	21	(19)	12	(6)	6	(5)	1		1	(1)	22	(20)
Vibrio cholerae O1:El Tor,Ogawa,CT(−)	3	(3)	–		–		1		–		1	
Vibrio cholerae O1:El Tor,Inaba,CT(+)	1		1	(1)	8	(3)	13	(5)	2	(2)	8	(7)
Vibrio cholerae O1:El Tor,Inaba,CT(−)	1	(1)	1	(1)	1		1	(1)	–		–	
Vibrio cholerae O1,CT(−)	–		–		–		1		–		–	
Vibrio cholerae O139,CT(+)	–		–		–		1	(1)	–		–	
Vibrio cholerae O139,CT(−)	1		1		–		–		–		–	
Vibrio cholerae non-O1&O139	7	(2)	10	(1)	16		13	(3)	18	(2)	6	(1)
Vibrio parahaemolyticus	1960	(10)	721	(15)	651	(7)	428	(2)	304		582	(1)
Vibrio fluvialis	11		–		3		3		2	(1)	20	
Vibrio mimicus	–		–		2		–		1		–	
Aeromonas hydrophila	9	(2)	13		9		13		16		6	
Aeromonas sobria	7	(2)	12		11		8	(1)	8		6	
Aeromonas hydrophila/sobria	8	(7)	2		2		–		–		–	
Plesiomonas shigelloides	59	(25)	50	(9)	27	(3)	3	(1)	5	(2)	10	(1)
Campylobacter jejuni	837	(38)	737		878		814	(4)	1205	(12)	1150	(7)
Campylobacter coli	39	(1)	20		19		13		41		26	
Campylobacter jejuni/coli	44	(5)	41	(4)	62		43		45		17	
Staphylococcus aureus	366	(1)	351		268		274		598		550	(1)
Clostridium perfringens	364		247	(4)	374		468		401		306	
Clostridium botulinum non-E	1		–		–		–		–		–	
Bacillus cereus	37		11		63		14		37		116	
Listeria monocytogenes	•		1		2		1		2		2	
Yersinia enterocolitica	4		10		48		24		24		17	
Yersinia pseudotuberculosis	–		–		1		–		–		–	
Entamoeba histolytica	8		–		2		–		–		–	
Cryptosporidium spp.	–		1	(1)	–		37		–		•	
Cryptosporidium parvum	•		•		•		•		•		22	
Giardia lamblia	–		1	(1)	–		1		–		2	
Streptococcus group A	2299		2633		2164		2126		2118	(1)	2080	(1)
Streptococcus group B	98		111		218		203		257		251	
Streptococcus group C	33		16		19		22		31		29	
Streptococcus group G	73		66		109		86		108		93	
Streptococcus other groups	–		1		3		4		8		5	
Streptococcus group unknown	1		2		2		–		–		–	
Streptococcus pneumoniae	34		7		104		171		92		237	
Bordetella pertussis	1		4		1		6		1		2	
Clostridium tetani	–		–		–		–		–		1	
Legionella pneumophila	12		49		6		13		5	(1)	5	
Legionella others	•		7		–		–		–		–	
Mycobacterium tuberculosis	–		3		19		1		–		4	
Mycobacterium avium − intracellulare complex	•		1		44		–		1		–	
Mycoplasma pneumoniae	–		–		11		–		56		42	
Haemophilus influenzae b	•		4		1		4		6		10	
Haemophilus influenzae non-b	•		37		33		91		167		93	
Haemophilus influenzae not typed	51		•		•		•		•		•	
Klebsiella pneumoniae	1		–		–		–		1		1	
Neisseria meningitidis	–		4		2		2		3		–	
Neisseria gonorrhoeae	82		76		76		47		6		5	
Leptospira spp.	11		1		–		–		–		–	
Others	74		•		•		•		•		1	

•Not included in the survey

Table II.-Continued

Escherichia coli categorized by pathogenicity ( ) : Imported cases included in the total

	1999	2000	2001	2002	2003	2004
Verotoxin-producing *E. coli* (EHEC/VTEC)	1835 (1)	2195 (14)	2610 (7)	1837 (5)	1887 (66)	1901 (117)
Enterotoxigenic *E. coli* (ETEC)	492 (117)	277 (111)	394 (104)	121 (9)	220 (21)	247 (30)
Enteroinvasive *E. coli* (EIEC)	15 (2)	5 (1)	11	1 (1)	4 (1)	2
Enteropathogenic *E. coli* serotype (EPEC)	686 (15)	573 (8)	501 (1)	308	236 (2)	129 (4)
Other diarrhegenic *E. coli*	145	384 (6)	418 (3)	358	333	284

Shigella serovars

	1999	2000	2001	2002	2003	2004
Shigella dysenteriae 1	–	–	–	–	–	1 (1)
Shigella dysenteriae 2	2 (2)	–	–	1 (1)	2 (2)	1
Shigella dysenteriae 3	–	1 (1)	–	–	–	–
Shigella dysenteriae 4	–	3 (3)	–	–	–	1 (1)
Shigella dysenteriae 5	–	–	–	1 (1)	–	–
Shigella dysenteriae 7	–	–	1	–	–	–
Shigella dysenteriae 9	–	–	1 (1)	–	–	–
Shigella flexneri 1a	1	1	1 (1)	1 (1)	2	3 (1)
Shigella flexneri 1b	1	3 (1)	4	5	–	3 (3)
Shigella flexneri 1	–	–	–	1	–	1 (1)
Shigella flexneri 2a	88 (17)	17 (7)	22 (5)	14 (3)	13 (4)	15 (8)
Shigella flexneri 2b	1 (1)	1 (1)	2 (2)	3 (1)	2 (1)	4 (3)
Shigella flexneri 3a	5 (1)	7 (2)	4 (1)	25 (1)	2	5 (1)
Shigella flexneri 3b	–	–	–	1 (1)	–	–
Shigella flexneri 4a	–	1	3	5	–	1 (1)
Shigella flexneri 4b	–	–	1 (1)	–	–	–
Shigella flexneri 4	–	–	–	1	–	1
Shigella flexneri 5a	5	–	–	6	2	–
Shigella flexneri 5b	–	–	–	1	–	–
Shigella flexneri 6	2 (2)	5 (4)	–	2	–	2 (1)
Shigella flexneri var.X	–	1 (1)	1 (1)	1 (1)	–	4 (1)
Shigella flexneri var.Y	–	3	–	–	–	–
Shigella flexneri other serovars	1	–	1	–	–	–
Shigella flexneri serovar unknown	4 (3)	6	1 (1)	–	–	1
Shigella boydii 1	–	–	–	–	1	–
Shigella boydii 2	2 (2)	2 (2)	–	3 (1)	1 (1)	–
Shigella boydii 4	3 (2)	1 (1)	1 (1)	–	4 (3)	–
Shigella boydii 8	–	–	–	–	–	2 (2)
Shigella boydii 9	1 (1)	–	–	–	–	–
Shigella boydii 14	–	1 (1)	–	–	2 (1)	–
Shigella boydii serovar unknown	2	–	1	–	–	–
Shigella sonnei	262 (83)	205 (77)	225 (55)	186 (47)	79 (43)	101 (72)
Shigella species unknown	–	–	1 (1)	–	–	–

Table III. Individual reports of bacteria isolation from human sources, Japan, 2004
III-1. By month, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007
( ) : Imported cases included in the total

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN
TOTAL	3233 (269)	102 (5)	81 (3)	167 (5)	192 (11)	204 (13)	383 (21)
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	1934 (116)	16	9	24 (1)	69 (1)	111	250
Enterotoxigenic *Escherichia coli* (ETEC)*	25 (7)	–	–	–	1	–	1
Enteroinvasive *Escherichia coli* (EIEC)*	2	–	–	–	–	–	2
Enteropathogenic *Escherichia coli* serotype (EPEC)*	52 (3)	4	3	2	8 (1)	3	9
Other diarrhegenic *Escherichia coli**	1	1	–	–	–	–	–
Salmonella Typhi*	15 (10)	–	–	2	3 (1)	2 (2)	–
Salmonella Paratyphi A*	23 (22)	–	1 (1)	2 (2)	2 (2)	6 (5)	1 (1)
Salmonella O4*	22	3	–	9	–	1	–
Salmonella O7*	50	–	1	8	–	1	2
Salmonella O8*	6	–	–	–	–	–	1
Salmonella O9*	63 (1)	–	–	1	5	3	9
Salmonella O3,10*	1	–	–	–	1	–	–
Salmonella O13*	1	–	–	–	–	–	–
Salmonella O16*	1	–	–	–	–	1	–
Salmonella O45	1	–	–	–	1	–	–
Salmonella group unknown	1 (1)	–	–	–	–	–	–
Vibrio cholerae O1: El Tor, Ogawa, CT(+)	15 (13)	–	–	–	2 (2)	–	5 (5)
Vibrio cholerae O1: El Tor, Inaba, CT(+)	8 (7)	2 (2)	1 (1)	–	–	–	–
Vibrio cholerae O139, CT(+)	2 (2)	–	–	–	–	–	–
*Vibrio parahaemolyticus**	10	–	–	–	–	–	–
Aeromonas sobria	2	–	–	–	–	–	1
Aeromonas caviae	2	–	–	–	1	–	–
*Campylobacter jejuni**	142 (6)	2	6	7	6	8	18
Campylobacter coli	2	–	–	–	2	–	–
*Staphylococcus aureus**	59	12	6	11	7	2	6
Clostridium perfringens	5	–	–	5	–	–	–
Listeria monocytogenes	1	–	–	–	–	–	–
Shigella dysenteriae 1	1 (1)	–	–	–	–	–	–
Shigella dysenteriae 2	1	–	–	–	–	–	1
Shigella dysenteriae 4	1 (1)	–	–	–	–	–	–
Shigella flexneri 1a	4 (1)	–	–	2	1	–	–
Shigella flexneri 1b	3 (3)	–	–	–	–	–	–
Shigella flexneri 2a	15 (9)	–	–	–	2	1	7 (7)
Shigella flexneri 2b	2 (2)	–	–	–	–	–	–
Shigella flexneri 3a	5 (1)	–	–	–	–	–	–
Shigella flexneri 4a	2 (1)	–	–	–	–	–	–
Shigella flexneri 4	1	–	–	–	–	–	–
Shigella flexneri 6	3 (2)	–	1 (1)	–	–	1 (1)	–
Shigella flexneri var.X	4 (1)	–	–	–	–	–	–
Shigella flexneri serovar unknown	1	–	–	–	–	–	–
Shigella boydii 1	1	–	–	–	–	–	–
Shigella boydii 8	2 (2)	2 (2)	–	–	–	–	–
Shigella sonnei	84 (56)	1 (1)	–	3 (2)	5 (4)	9 (5)	8 (8)
Entamoeba histolytica	5 (1)	–	–	–	–	1	–
Cryptosporidium parvum	30	–	–	–	–	–	–
Giardia lamblia	3	–	–	–	2	–	–
*Streptococcus pyogenes** (*Streptococcus* group A)	549	49	46	91	72	45	59
Streptococcus agalactiae (*Streptococcus* group B)	1	–	–	–	–	1	–
Streptococcus group C	3	1	–	–	–	–	–
Streptococcus group G	13	3	–	–	–	2	–
Streptococcus other groups	2	–	–	–	–	–	–
Streptococcus pneumoniae	2	–	2	–	–	–	–
Bordetella pertussis	3	–	–	–	2	–	–
Clostridium tetani	2	–	1	–	–	–	–
*Legionella pneumophila**	9	1	2	–	–	2	1
Mycobacterium tuberculosis	3	1	–	–	–	2	–
Mycoplasma pneumoniae	11	4	2	–	–	–	–
*Enterococcus faecium**	4	–	–	–	–	–	–
*Neisseria meningitidis**	2	–	–	–	–	–	–
Neisseria gonorrhoeae	13	–	–	–	–	2	1
Treponema pallidum	1	–	–	–	–	–	–
Other bacteria	1	–	–	–	–	–	1

III-1.-Continued-1

( ) : Imported cases included in the total

	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
TOTAL	563 (121)	620 (21)	347 (30)	230 (22)	195 (9)	149 (8)
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	445 (111)	495	222 (1)	135 (1)	116 (1)	42
Enterotoxigenic *Escherichia coli* (ETEC)*	14 (1)	6 (4)	2 (1)	-	-	1 (1)
Enteroinvasive *Escherichia coli* (EIEC)*	-	-	-	-	-	-
Enteropathogenic *Escherichia coli* serotype (EPEC)*	8 (1)	1	3	4	2	5 (1)
Other diarrhegenic *Escherichia coli**	-	-	-	-	-	-
Salmonella Typhi*	1 (1)	1	2 (2)	3 (3)	1 (1)	-
Salmonella Paratyphi A*	1 (1)	-	6 (6)	3 (3)	1 (1)	-
Salmonella O4*	-	2	2	3	2	-
Salmonella O7*	3	29	1	3	2	-
Salmonella O8*	4	1	-	-	-	-
Salmonella O9*	12	16 (1)	3	8	3	3
Salmonella O3,10*	-	-	-	-	-	-
Salmonella O13*	-	-	1	-	-	-
Salmonella O16*	-	-	-	-	-	-
Salmonella O45	-	-	-	-	-	-
Salmonella group unknown	-	-	-	-	-	1 (1)
Vibrio cholerae O1: El Tor, Ogawa, CT(+)	3 (3)	2 (1)	1 (1)	-	-	2 (1)
Vibrio cholerae O1: El Tor, Inaba, CT(+)	-	1	1 (1)	2 (2)	1 (1)	-
Vibrio cholerae O139, CT(+)	-	-	-	2 (2)	-	-
*Vibrio parahaemolyticus**	-	9	1	-	-	-
Aeromonas sobria	-	1	-	-	-	-
Aeromonas caviae	1	-	-	-	-	-
*Campylobacter jejuni**	15	13	11 (6)	16	8	32
Campylobacter coli	-	-	-	-	-	-
*Staphylococcus aureus**	4	3	3	-	2	3
Clostridium perfringens	-	-	-	-	-	-
Listeria monocytogenes	-	-	1	-	-	-
Shigella dysenteriae 1	-	1 (1)	-	-	-	-
Shigella dysenteriae 2	-	-	-	-	-	-
Shigella dysenteriae 4	-	-	1 (1)	-	-	-
Shigella flexneri 1a	-	1 (1)	-	-	-	-
Shigella flexneri 1b	-	1 (1)	1 (1)	1 (1)	-	-
Shigella flexneri 2a	-	-	1 (1)	1 (1)	-	3
Shigella flexneri 2b	1 (1)	-	-	1 (1)	-	-
Shigella flexneri 3a	1	1	1	1	1 (1)	-
Shigella flexneri 4a	-	1 (1)	-	1	-	-
Shigella flexneri 4	-	-	-	-	-	1
Shigella flexneri 6	-	-	1	-	-	-
Shigella flexneri var.X	-	1	2	1 (1)	-	-
Shigella flexneri serovar unknown	-	1	-	-	-	-
Shigella boydii 1	-	-	-	-	-	1
Shigella boydii 8	-	-	-	-	-	-
Shigella sonnei	4 (2)	13 (11)	27 (9)	7 (7)	4 (4)	3 (3)
Entamoeba histolytica	-	-	1	-	1	2 (1)
Cryptosporidium parvum	-	-	30	-	-	-
Giardia lamblia	-	-	-	-	-	1
*Streptococcus pyogenes** (*Streptococcus* group A)	42	14	16	27	43	45
Streptococcus agalactiae (*Streptococcus* group B)	-	-	-	-	-	-
Streptococcus group C	-	2	-	-	-	-
Streptococcus group G	2	2	1	2	-	1
Streptococcus other groups	-	-	-	-	2	-
Streptococcus pneumoniae	-	-	-	-	-	-
Bordetella pertussis	-	-	-	-	1	-
Clostridium tetani	-	-	-	1	-	-
*Legionella pneumophila**	1	-	-	-	1	1
Mycobacterium tuberculosis	-	-	-	-	-	-
Mycoplasma pneumoniae	-	-	-	3	1	1
*Enterococcus faecium**	1	2	-	-	1	-
*Neisseria meningitidis**	-	-	1	1	-	-
Neisseria gonorrhoeae	-	-	4	3	2	1
Treponema pallidum	-	-	-	1	-	-
Other bacteria	-	-	-	-	-	-

III-1.-Continued-2

* EHEC/VTEC serotypes & VT types

( ) : Imported cases included in the total

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN
O157:H7 VT1	12 (1)	-	-	-	-	1	-
O157:H7 VT2	337 (2)	4	2	10	20	29	40
O157:H7 VT1&VT2	618 (3)	9	4	5	36 (1)	37	89
O157:H- VT1	7	-	-	-	-	1	1
O157:H- VT2	20	-	-	-	-	-	8
O157:H- VT1&VT2	30	-	-	1	-	2	4
O157:HUT VT2	1	-	-	-	-	-	-
O157:HNT VT1	4	-	-	-	-	-	-
O157:HNT VT2	60 (1)	-	-	-	1	4	3
O157:HNT VT1&VT2	100	-	-	-	1	2	7
O26:H11 VT1	300 (8)	-	-	1	3	18	56
O26:H11 VT2	1	-	-	-	-	-	-
O26:H11 VT1&VT2	7	-	-	1	-	-	2
O26:H- VT1	41	-	-	-	-	2	3
O26:HUT VT1	5	-	-	-	-	-	1
O26:HNT VT1	99	-	-	1	4	8	5
O26:HNT VT2	1	-	-	-	-	-	-
O26:HNT VT1&VT2	4	-	-	-	-	-	-
O111:H- VT1	6	1	-	-	-	-	-
O111:H- VT2	1	-	-	-	-	-	-
O111:H- VT1&VT2	97 (78)	-	-	-	-	-	-
O111:HNT VT1	14	1	-	-	-	-	-
O111:HNT VT1&VT2	31	1	-	-	-	-	-
O1:H20 VT1	1	-	-	-	-	-	-
O1:HNT VT1	1	-	-	1	-	-	-
O8:H19 VT1&VT2	1	-	1	-	-	-	-
O25:H- VT1	1	-	-	-	-	-	-
O63:H6 VT2	2	-	-	-	-	-	-
O63:HNT VT2	3	-	-	-	-	-	-
O74:H20 VT1&VT2	1	-	-	-	-	-	1
O103:H2 VT1	4	-	-	-	-	-	2
O103:HUT VT1	1	-	-	-	1	-	-
O103:HNT VT1	3	-	-	-	-	-	1
O119:HNT VT1	2	-	-	-	-	-	-
O119:HNT VT1&VT2	2	-	-	-	-	1	-
O121:H19 VT2	21	-	-	-	-	-	17
O121:HNT VT2	5	-	-	-	-	-	-
O127a:HNT VT1	1	-	-	-	-	-	-
O128:H2 VT1	2	-	-	-	-	-	-
O128:H19 VT1	1	-	-	-	-	-	1
O128:HNT VT1&VT2	3	-	1	1	-	-	-
O145:H16 VT1	2	-	-	-	-	2	-
O145:HNT VT1	1	-	-	-	-	-	-
O146:H19 VT2	2 (2)	-	-	-	-	-	-
O146:H- VT1&VT2	1	-	1	-	-	-	-
O146:HNT VT1	1	-	-	-	-	-	-
O146:HNT VT1&VT2	1	-	-	-	-	-	-
O148:HNT VT2	2	-	-	-	-	2	-
O165:H- VT2	4	-	-	-	-	-	2
O165:HNT VT1	1	-	-	-	-	-	1
OUT:H2 VT1	5 (4)	-	-	1	-	-	-
OUT:H2 VT1&VT2	1	-	-	-	-	-	-
OUT:H7 VT1	1 (1)	-	-	-	-	-	-
OUT:H7 VT1&VT2	1	-	-	-	1	-	-
OUT:H18 VT2	1 (1)	-	-	-	-	-	-
OUT:H19 VT1	5 (4)	-	-	-	-	-	-
OUT:H19 VT2	1	-	-	-	-	-	-
OUT:H- VT1	14 (2)	-	-	1 (1)	-	-	1
OUT:H- VT2	2	-	-	-	1	1	-
OUT:H- VT1&VT2	1	-	-	-	-	-	-
OUT:HUT VT1	3	-	-	1	-	-	-
OUT:HUT VT2	1	-	-	-	-	1	-
OUT:HUT VT1&VT2	1	-	-	-	-	-	1
OUT:HNT VT1	25 (9)	-	-	-	1	-	3
OUT:HNT VT2	4	-	-	-	-	-	-
OUT:HNT VT1&VT2	2	-	-	-	-	-	1

NT: Not typed, UT: Untypable, H-: H non-motile

* ETEC serotypes

O6	1 (1)	-	-	-	-	-	-
O8	1 (1)	-	-	-	-	-	-
O25	5 (2)	-	-	-	-	-	-
O27	1	-	-	-	-	-	1
O159	1	-	-	-	1	-	-
O167	2 (2)	-	-	-	-	-	-
O169	13 (1)	-	-	-	-	-	-

III-1.-Continued-3

* EHEC/VTEC serotypes & VT types

( ) : Imported cases included in the total

	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
O157:H7 VT1	4 (1)	4	1	2	–	–
O157:H7 VT2	55 (1)	87	39	41 (1)	8	2
O157:H7 VT1&VT2	136 (2)	163	48	39	39	13
O157:H- VT1	1	2	2	–	–	–
O157:H- VT2	3	3	3	3	–	–
O157:H- VT1&VT2	4	8	3	6	1	1
O157:HUT VT2	–	1	–	–	–	–
O157:HNT VT1	–	–	3	–	1	–
O157:HNT VT2	19 (1)	11	8	5	3	6
O157:HNT VT1&VT2	19	33	18	9	8	3
O26:H11 VT1	56 (8)	108	43	11	3	1
O26:H11 VT2	1	–	–	–	–	–
O26:H11 VT1&VT2	–	4	–	–	–	–
O26:H- VT1	9	2	3	7	14	1
O26:HUT VT1	3	1	–	–	–	–
O26:HNT VT1	17	34	14	4	3	9
O26:HNT VT2	–	1	–	–	–	–
O26:HNT VT1&VT2	–	1	–	–	2	1
O111:H- VT1	1	2	–	1	–	1
O111:H- VT2	1	–	–	–	–	–
O111:H- VT1&VT2	79 (78)	12	4	1	1	–
O111:HNT VT1	4	2	6	1	–	–
O111:HNT VT1&VT2	2	–	–	2	25	1
O1:H20 VT1	–	–	1	–	–	–
O1:HNT VT1	–	–	–	–	–	–
O8:H19 VT1&VT2	–	–	–	–	–	–
O25:H- VT1	–	–	1	–	–	–
O63:H6 VT2	–	1	1	–	–	–
O63:HNT VT2	–	–	2	1	–	–
O74:H20 VT1&VT2	–	–	–	–	–	–
O103:H2 VT1	–	2	–	–	–	–
O103:HUT VT1	–	–	–	–	–	–
O103:HNT VT1	1	–	1	–	–	–
O119:HNT VT1	–	2	–	–	–	–
O119:HNT VT1&VT2	1	–	–	–	–	–
O121:H19 VT2	1	3	–	–	–	–
O121:HNT VT2	–	1	–	–	4	–
O127a:HNT VT1	–	1	–	–	–	–
O128:H2 VT1	–	–	1	1	–	–
O128:H19 VT1	–	–	–	–	–	–
O128:HNT VT1&VT2	1	–	–	–	–	–
O145:H16 VT1	–	–	–	–	–	–
O145:HNT VT1	1	–	–	–	–	–
O146:H19 VT2	2 (2)	–	–	–	–	–
O146:H- VT1&VT2	–	–	–	–	–	–
O146:HNT VT1	–	–	–	–	–	1
O146:HNT VT1&VT2	–	–	–	–	1	–
O148:HNT VT2	–	–	–	–	–	–
O165:H- VT2	–	–	2	–	–	–
O165:HNT VT1	–	–	–	–	–	–
OUT:H2 VT1	4 (4)	–	–	–	–	–
OUT:H2 VT1&VT2	–	–	–	–	–	1
OUT:H7 VT1	–	–	1 (1)	–	–	–
OUT:H7 VT1&VT2	–	–	–	–	–	–
OUT:H18 VT2	1 (1)	–	–	–	–	–
OUT:H19 VT1	5 (4)	–	–	–	–	–
OUT:H19 VT2	1	–	–	–	–	–
OUT:H- VT1	1 (1)	–	10	1	–	–
OUT:H- VT2	–	–	–	–	–	–
OUT:H- VT1&VT2	–	1	–	–	–	–
OUT:HUT VT1	–	1	1	–	–	–
OUT:HUT VT2	–	–	–	–	–	–
OUT:HUT VT1&VT2	–	–	–	–	–	–
OUT:HNT VT1	12 (8)	2	4	–	2 (1)	1
OUT:HNT VT2	–	1	2	–	1	–
OUT:HNT VT1&VT2	–	1	–	–	–	–

NT: Not typed, UT: Untypable, H-: H non-motile

* ETEC serotypes

O6	–	–	–	–	–	1 (1)
O8	–	1 (1)	–	–	–	–
O25	–	4 (2)	1	–	–	–
O27	–	–	–	–	–	–
O159	–	–	–	–	–	–
O167	1 (1)	–	1 (1)	–	–	–
O169	12	1 (1)	–	–	–	–

III-1.-Continued-4

* EIEC serotype	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN
O112	1	–	–	–	–	–	1

( ) : Imported cases included in the total

* EPEC serotypes							
O1	11	1	1	–	3	1	1
O8	2	–	–	–	–	–	–
O15	1	1	–	–	–	–	–
O18	8	1	–	1	1	1	1
O26	3	–	–	–	1	–	1
O44	5 (1)	–	–	1	1 (1)	–	2
O78	1	1	–	–	–	–	–
O86a	1	–	–	–	–	–	–
O111	9	–	1	–	1	1	4
O119	1	–	–	–	–	–	–
O125	1	–	–	–	1	–	–
O126	2	–	–	–	–	–	–
O128	3 (2)	–	–	–	–	–	–
O146	1	–	1	–	–	–	–
O166	2	–	–	–	–	–	–

* Other diarrhegenic *Escherichia coli* serotype							
O111	1	1	–	–	–	–	–

* *Salmonella* Typhi phage types							
A	1 (1)	–	–	–	–	1 (1)	–
B1	2 (1)	–	–	1	1 (1)	–	–
D1	1 (1)	–	–	–	–	–	–
D2	1 (1)	–	–	–	–	–	–
E9	1 (1)	–	–	–	–	–	–

* *Salmonella* Paratyphi A phage types							
1	2 (2)	–	–	–	–	–	–
4	3 (3)	–	–	1 (1)	–	2 (2)	–
5	1 (1)	–	–	–	–	–	–
6	2 (2)	–	–	1 (1)	–	1 (1)	–
Untypable	1 (1)	–	–	–	–	–	–

* *Salmonella* serovars							
O4 Typhimurium	13	–	–	9	–	1	–
O4 Haifa	2	–	–	–	–	–	–
O4 Saintpaul	2	1	–	–	–	–	–
O4 Agona	1	–	–	–	–	–	–
O4 Derby	1	–	–	–	–	–	–
O4 Heidelberg	1	1	–	–	–	–	–
O4 I 4:i:–	1	1	–	–	–	–	–
O4 Paratyphi B	1	–	–	–	–	–	–
O7 Infantis	29	–	1	1	–	–	2
O7 Virchow	9	–	–	–	–	–	–
O7 Montevideo	7	–	–	7	–	–	–
O7 Thompson	2	–	–	–	–	1	–
O7 Bareilly	1	–	–	–	–	–	–
O7 Mikawasima	1	–	–	–	–	–	–
O7 Tennessee	1	–	–	–	–	–	–
O8 Corvallis	2	–	–	–	–	–	–
O8 Nagoya	2	–	–	–	–	–	1
O8 Kottbus	1	–	–	–	–	–	–
O8 Litchfield	1	–	–	–	–	–	–
O9 Enteritidis	63 (1)	–	–	1	5	3	9
O3, 10 Weltevreden	1	–	–	–	1	–	–
O13 Havana	1	–	–	–	–	–	–
O16 Hvittingfoss	1	–	–	–	–	1	–

* *Vibrio parahaemolyticus* serotypes							
K6	3	–	–	–	–	–	–
O3:K6	6	–	–	–	–	–	–
O4:K9	1	–	–	–	–	–	–

III-1.-Continued-5

( ) : Imported cases included in the total

* EIEC serotype	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
O112	–	–	–	–	–	–

* EPEC serotypes						
O1	–	–	2	–	–	2
O8	–	–	–	1	–	1
O15	–	–	–	–	–	–
O18	–	–	1	1	1	–
O26	–	–	–	–	–	1
O44	–	–	–	1	–	–
O78	–	–	–	–	–	–
O86a	–	1	–	–	–	–
O111	2	–	–	–	–	–
O119	1	–	–	–	–	–
O125	–	–	–	–	–	–
O126	2	–	–	–	–	–
O128	1 (1)	–	–	–	1	1 (1)
O146	–	–	–	–	–	–
O166	1	–	–	1	–	–

* Other diarrhegenic *Escherichia coli* serotype						
O111	–	–	–	–	–	–

* *Salmonella* Typhi phage types						
A	–	–	–	–	–	–
B1	–	–	–	–	–	–
D1	–	–	–	1 (1)	–	–
D2	–	–	1 (1)	–	–	–
E9	–	–	–	1 (1)	–	–

* *Salmonella* Paratyphi A phage types						
1	1 (1)	–	–	1 (1)	–	–
4	–	–	–	–	–	–
5	–	–	–	–	1 (1)	–
6	–	–	–	–	–	–
Untypable	–	–	–	1 (1)	–	–

* *Salmonella* serovars						
O4 Typhimurium	–	–	1	1	1	–
O4 Haifa	–	–	–	2	–	–
O4 Saintpaul	–	1	–	–	–	–
O4 Agona	–	1	–	–	–	–
O4 Derby	–	–	–	–	1	–
O4 Heidelberg	–	–	–	–	–	–
O4 I 4:i:–	–	–	–	–	–	–
O4 Paratyphi B	–	–	1	–	–	–
O7 Infantis	–	24	–	–	1	–
O7 Virchow	1	5	–	3	–	–
O7 Montevideo	–	–	–	–	–	–
O7 Thompson	1	–	–	–	–	–
O7 Bareilly	–	–	–	–	1	–
O7 Mikawasima	1	–	–	–	–	–
O7 Tennessee	–	–	1	–	–	–
O8 Corvallis	1	1	–	–	–	–
O8 Nagoya	1	–	–	–	–	–
O8 Kottbus	1	–	–	–	–	–
O8 Litchfield	1	–	–	–	–	–
O9 Enteritidis	12	16 (1)	3	8	3	3
O3, 10 Weltevreden	–	–	–	–	–	–
O13 Havana	–	–	1	–	–	–
O16 Hvittingfoss	–	–	–	–	–	–

* *Vibrio parahaemolyticus* serotypes						
K6	–	3	–	–	–	–
O3:K6	–	5	1	–	–	–
O4:K9	–	1	–	–	–	–

III-1.-Continued-6

( ) : Imported cases included in the total

* *Campylobacter jejuni* serotypes	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN
Penner A	1	–	–	–	–	–	–
Penner B	12	–	–	1	–	3	1
Penner C	26	–	–	–	–	–	–
Penner D	1	–	–	–	–	–	–
Penner G	1	–	–	–	–	–	–
Penner O	2	–	–	–	–	–	1
Penner Y	6	–	–	4	–	–	–
Penner Z6	1	–	–	–	–	1	–
* *Staphylococcus aureus* coagulase types							
Ⅰ	3	–	1	–	–	–	–
Ⅱ	22	2	3	6	3	1	3
Ⅲ	3	–	–	–	–	–	2
Ⅳ	6	1	2	–	2	–	–
Ⅴ	3	–	–	1	–	–	–
Ⅵ	1	1	–	–	–	–	–
Ⅶ	6	–	–	1	–	1	1
Ⅷ	3	–	–	–	1	–	–
Untypable	1	–	–	1	–	–	–
* *Streptococcus pyogenes* T serotypes							
T1	46	4	2	13	9	5	7
T2	2	–	–	–	–	–	2
T3	20	1	3	–	4	6	2
T4	133	19	16	27	16	8	13
T6	5	–	1	–	–	1	1
T8	1	–	–	–	–	–	–
T11	6	1	–	–	1	–	–
T12	216	17	12	41	22	17	19
T13	2	–	–	–	–	–	1
T22	1	–	–	1	–	–	–
T25	13	2	1	–	1	1	2
T28	36	1	3	2	3	–	3
TB3264	22	–	4	1	5	2	3
Untypable	41	4	3	5	10	5	4
* *Legionella pneumophila* serogroups							
1	7	–	1	–	–	2	1
4	1	–	1	–	–	–	–
* *Neisseria meningitidis* serogroup							
Group B	1	–	–	–	–	–	–
* *Enterococcus faecium* genotypes							
vanA	3	–	–	–	–	–	–
vanB	1	–	–	–	–	–	–

III-1.-Continued-7

* *Campylobacter jejuni* serotypes	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
Penner A	–	–	–	–	–	1
Penner B	1	1	3	–	2	–
Penner C	–	–	–	–	–	26
Penner D	1	–	–	–	–	–
Penner G	–	–	–	–	–	1
Penner O	–	–	–	–	–	1
Penner Y	–	1	–	1	–	–
Penner Z6	–	–	–	–	–	–

( ) : Imported cases included in the total

* *Staphylococcus aureus* coagulase types						
Ⅰ	–	–	1	–	1	–
Ⅱ	3	–	1	–	–	–
Ⅲ	–	1	–	–	–	–
Ⅳ	–	–	–	–	1	–
Ⅴ	–	–	–	–	–	2
Ⅵ	–	–	–	–	–	–
Ⅶ	–	2	1	–	–	–
Ⅷ	1	–	–	–	–	1
Untypable	–	–	–	–	–	–

* *Streptococcus pyogenes* T serotypes						
T1	1	–	1	1	1	2
T2	–	–	–	–	–	–
T3	2	–	–	1	–	1
T4	10	6	4	4	5	5
T6	–	1	–	1	–	–
T8	1	–	–	–	–	–
T11	–	–	–	–	2	2
T12	14	4	7	14	22	27
T13	–	–	–	1	–	–
T22	–	–	–	–	–	–
T25	6	–	–	–	–	–
T28	4	1	4	3	8	4
TB3264	1	1	–	1	2	2
Untypable	3	1	–	1	3	2

* *Legionella pneumophila* serogroups						
1	1	–	–	–	1	1
4	–	–	–	–	–	–

* *Neisseria meningitidis* serogroup						
Group B	–	–	1	–	–	–

* *Enterococcus faecium* genotypes						
vanA	1	1	–	–	1	–
vanB	–	1	–	–	–	–

III-2. By clinical diagnosis of the source case, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007
( ) : Imported cases included in the total

	TOTAL	CHOLERA	SHIGELLOSIS	EHEC INFECTION	TYPHOID FEVER	PARATYPHOID FEVER	LEGIONELLOSIS	AMEBIASIS	CRYPTOSPORIDIOSIS	SEVERE INVASIVE STREPTOCOCCAL INFECTIONS	GIARDIASIS
TOTAL	3233 (269)	25 (22)	130 (80)	1934 (116)	15 (10)	23 (22)	9	5 (1)	30	6	3
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	1934 (116)	-	-	1934 (116)	-	-	-	-	-	-	-
Enterotoxigenic *Escherichia coli* (ETEC)*	25 (7)	-	-	-	-	-	-	-	-	-	-
Enteroinvasive *Escherichia coli* (EIEC)*	2	-	-	-	-	-	-	-	-	-	-
Enteropathogenic *Escherichia coli* serotype (EPEC)*	52 (3)	-	-	-	-	-	-	-	-	-	-
Other diarrhegenic *Escherichia coli**	1	-	-	-	-	-	-	-	-	-	-
Salmonella Typhi*	15 (10)	-	-	-	15 (10)	-	-	-	-	-	-
Salmonella Paratyphi A*	23 (22)	-	-	-	-	23 (22)	-	-	-	-	-
Salmonella O4*	22	-	-	-	-	-	-	-	-	-	-
Salmonella O7*	50	-	-	-	-	-	-	-	-	-	-
Salmonella O8*	6	-	-	-	-	-	-	-	-	-	-
Salmonella O9*	63 (1)	-	-	-	-	-	-	-	-	-	-
Salmonella O3,10*	1	-	-	-	-	-	-	-	-	-	-
Salmonella O13*	1	-	-	-	-	-	-	-	-	-	-
Salmonella O16*	1	-	-	-	-	-	-	-	-	-	-
Salmonella O45	1	-	-	-	-	-	-	-	-	-	-
Salmonella group unknown	1 (1)	-	-	-	-	-	-	-	-	-	-
Vibrio cholerae O1: El Tor, Ogawa, CT(+)	15 (13)	15 (13)	-	-	-	-	-	-	-	-	-
Vibrio cholerae O1: El Tor, Inaba, CT(+)	8 (7)	8 (7)	-	-	-	-	-	-	-	-	-
Vibrio cholerae O139, CT(+)	2 (2)	2 (2)	-	-	-	-	-	-	-	-	-
*Vibrio parahaemolyticus**	10	-	-	-	-	-	-	-	-	-	-
Aeromonas sobria	2	-	-	-	-	-	-	-	-	-	-
Aeromonas caviae	2	-	-	-	-	-	-	-	-	-	-
*Campylobacter jejuni**	142 (6)	-	-	-	-	-	-	-	-	-	-
Campylobacter coli	2	-	-	-	-	-	-	-	-	-	-
*Staphylococcus aureus**	59	-	-	-	-	-	-	-	-	-	-
Clostridium perfringens	5	-	-	-	-	-	-	-	-	-	-
Listeria monocytogenes	1	-	-	-	-	-	-	-	-	-	-
Shigella dysenteriae 1	1 (1)	-	1 (1)	-	-	-	-	-	-	-	-
Shigella dysenteriae 2	1	-	1	-	-	-	-	-	-	-	-
Shigella dysenteriae 4	1 (1)	-	1 (1)	-	-	-	-	-	-	-	-
Shigella flexneri 1a	4 (1)	-	4 (1)	-	-	-	-	-	-	-	-
Shigella flexneri 1b	3 (3)	-	3 (3)	-	-	-	-	-	-	-	-
Shigella flexneri 2a	15 (9)	-	15 (9)	-	-	-	-	-	-	-	-
Shigella flexneri 2b	2 (2)	-	2 (2)	-	-	-	-	-	-	-	-
Shigella flexneri 3a	5 (1)	-	5 (1)	-	-	-	-	-	-	-	-
Shigella flexneri 4a	2 (1)	-	2 (1)	-	-	-	-	-	-	-	-
Shigella flexneri 4	1	-	1	-	-	-	-	-	-	-	-
Shigella flexneri 6	3 (2)	-	3 (2)	-	-	-	-	-	-	-	-
Shigella flexneri var.X	4 (1)	-	4 (1)	-	-	-	-	-	-	-	-
Shigella flexneri serovar unknown	1	-	1	-	-	-	-	-	-	-	-
Shigella boydii 1	1	-	1	-	-	-	-	-	-	-	-
Shigella boydii 8	2 (2)	-	2 (2)	-	-	-	-	-	-	-	-
Shigella sonnei	84 (56)	-	84 (56)	-	-	-	-	-	-	-	-
Entamoeba histolytica	5 (1)	-	-	-	-	-	-	5 (1)	-	-	-
Cryptosporidium parvum	30	-	-	-	-	-	-	-	30	-	-
Giardia lamblia	3	-	-	-	-	-	-	-	-	-	3
*Streptococcus pyogenes** (*Streptococcus* group A)	549	-	-	-	-	-	-	-	-	5	-
Streptococcus agalactiae (*Streptococcus* group B)	1	-	-	-	-	-	-	-	-	-	-
Streptococcus group C	3	-	-	-	-	-	-	-	-	-	-
Streptococcus group G	13	-	-	-	-	-	-	-	-	1	-
Streptococcus other groups	2	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae	2	-	-	-	-	-	-	-	-	-	-
Bordetella pertussis	3	-	-	-	-	-	-	-	-	-	-
Clostridium tetani	2	-	-	-	-	-	-	-	-	-	-
*Legionella pneumophila**	9	-	-	-	-	-	9	-	-	-	-
Mycobacterium tuberculosis	3	-	-	-	-	-	-	-	-	-	-
Mycoplasma pneumoniae	11	-	-	-	-	-	-	-	-	-	-
*Enterococcus faecium**	4	-	-	-	-	-	-	-	-	-	-
*Neisseria meningitidis**	2	-	-	-	-	-	-	-	-	-	-
Neisseria gonorrhoeae	13	-	-	-	-	-	-	-	-	-	-
Treponema pallidum	1	-	-	-	-	-	-	-	-	-	-
Other bacteria	1	-	-	-	-	-	-	-	-	-	-

III-2.-Continued-1

( ) : Imported cases included in the total

	MENINGOCOCCAL MENINGITIS	SYPHILIS	TETANUS	VANCOMYCIN-RESISTANT ENTEROCOCCUS INFECTION	PHARYNGOCONJUNCTIVAL FEVER	GROUP A STREPTOCOCCAL PHARYNGITIS	INFECTIOUS GASTROENTERITIS	PERTUSSIS	HERPANGINA	BACTERIAL MENINGITIS	MYCOPLASMAL PNEUMONIAE	GONORRHEA	FOOD POISONING	OTHERS	NO DATA
TOTAL	2	1	2	4	1	544	193 (2)	4	1	1	7	13	160 (7)	55	65 (9)
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Enterotoxigenic *Escherichia coli* (ETEC)*	–	–	–	–	–	–	7 (2)	–	–	–	–	–	12	–	6 (5)
Enteroinvasive *Escherichia coli* (EIEC)*	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–
Enteropathogenic *Escherichia coli* serotype (EPEC)*	–	–	–	–	–	–	37	–	–	–	–	–	–	1	14 (3)
Other diarrhegenic *Escherichia coli**	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Salmonella Typhi*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella Paratyphi A*	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O4*	–	–	–	–	–	–	9	–	–	–	–	–	11	–	2
Salmonella O7*	–	–	–	–	–	–	11	–	–	–	–	–	35	2	2
Salmonella O8*	–	–	–	–	–	–	4	–	–	–	–	–	–	–	2
Salmonella O9*	–	–	–	–	–	–	23	–	–	–	–	–	22 (1)	11	7
Salmonella O3,10*	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Salmonella O13*	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Salmonella O16*	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–
Salmonella O45	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Salmonella group unknown	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 (1)
Vibrio cholerae O1: El Tor, Ogawa, CT(+)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vibrio cholerae O1: El Tor, Inaba, CT(+)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vibrio cholerae O139, CT(+)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
*Vibrio parahaemolyticus**	–	–	–	–	–	–	–	–	–	–	–	–	7	1	2
Aeromonas sobria	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1
Aeromonas caviae	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–
*Campylobacter jejuni**	–	–	–	–	–	–	68	–	–	–	–	–	61 (6)	11	2
Campylobacter coli	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–
*Staphylococcus aureus**	–	–	–	–	–	–	22	1	–	–	–	–	9	14	13
Clostridium perfringens	–	–	–	–	–	–	–	–	–	–	–	–	2	3	–
Listeria monocytogenes	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Shigella dysenteriae 1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella dysenteriae 2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella dysenteriae 4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 1a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 1b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 2a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 2b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 3a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 4a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri var.X	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri serovar unknown	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella sonnei	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Entamoeba histolytica	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cryptosporidium parvum	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Giardia lamblia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
*Streptococcus pyogenes** (*Streptococcus* group A)	–	–	–	–	1	528	–	–	1	–	–	–	–	3	11
Streptococcus agalactiae (*Streptococcus* group B)	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
Streptococcus group C	–	–	–	–	–	1	–	–	–	–	–	–	–	2	–
Streptococcus group G	–	–	–	–	–	10	–	–	–	–	–	–	–	2	–
Streptococcus other groups	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–
Streptococcus pneumoniae	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–
Bordetella pertussis	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–
Clostridium tetani	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–
*Legionella pneumophila**	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mycobacterium tuberculosis	–	–	–	–	–	–	–	–	–	–	–	–	–	1	2
Mycoplasma pneumoniae	–	–	–	–	–	–	–	–	–	–	7	–	–	4	–
*Enterococcus faecium**	–	–	–	4	–	–	–	–	–	–	–	–	–	–	–
*Neisseria meningitidis**	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Neisseria gonorrhoeae	–	–	–	–	–	–	–	–	–	–	–	13	–	–	–
Treponema pallidum	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Other bacteria	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–

III-2.-Continued-2

＊EHEC/VTEC serotypes & VT types

( ) : Imported cases included in the total

	TOTAL	CHOLERA	SHIGELLOSIS	EHEC INFECTION	TYPHOID FEVER	PARATYPHOID FEVER	LEGIONELLOSIS	AMEBIASIS	CRYPTOSPORIDIOSIS	SEVERE INVASIVE STREPTOCOCCAL INFECTIONS	GIARDIASIS
O157:H7 VT1	12 (1)	–	–	12 (1)	–	–	–	–	–	–	–
O157:H7 VT2	337 (2)	–	–	337 (2)	–	–	–	–	–	–	–
O157:H7 VT1&VT2	618 (3)	–	–	618 (3)	–	–	–	–	–	–	–
O157:H- VT1	7	–	–	7	–	–	–	–	–	–	–
O157:H- VT2	20	–	–	20	–	–	–	–	–	–	–
O157:H- VT1&VT2	30	–	–	30	–	–	–	–	–	–	–
O157:HUT VT2	1	–	–	1	–	–	–	–	–	–	–
O157:HNT VT1	4	–	–	4	–	–	–	–	–	–	–
O157:HNT VT2	60 (1)	–	–	60 (1)	–	–	–	–	–	–	–
O157:HNT VT1&VT2	100	–	–	100	–	–	–	–	–	–	–
O26:H11 VT1	300 (8)	–	–	300 (8)	–	–	–	–	–	–	–
O26:H11 VT2	1	–	–	1	–	–	–	–	–	–	–
O26:H11 VT1&VT2	7	–	–	7	–	–	–	–	–	–	–
O26:H- VT1	41	–	–	41	–	–	–	–	–	–	–
O26:HUT VT1	5	–	–	5	–	–	–	–	–	–	–
O26:HNT VT1	99	–	–	99	–	–	–	–	–	–	–
O26:HNT VT2	1	–	–	1	–	–	–	–	–	–	–
O26:HNT VT1&VT2	4	–	–	4	–	–	–	–	–	–	–
O111:H- VT1	6	–	–	6	–	–	–	–	–	–	–
O111:H- VT2	1	–	–	1	–	–	–	–	–	–	–
O111:H- VT1&VT2	97 (78)	–	–	97 (78)	–	–	–	–	–	–	–
O111:HNT VT1	14	–	–	14	–	–	–	–	–	–	–
O111:HNT VT1&VT2	31	–	–	31	–	–	–	–	–	–	–
O1:H20 VT1	1	–	–	1	–	–	–	–	–	–	–
O1:HNT VT1	1	–	–	1	–	–	–	–	–	–	–
O8:H19 VT1&VT2	1	–	–	1	–	–	–	–	–	–	–
O25:H- VT1	1	–	–	1	–	–	–	–	–	–	–
O63:H6 VT2	2	–	–	2	–	–	–	–	–	–	–
O63:HNT VT2	3	–	–	3	–	–	–	–	–	–	–
O74:H20 VT1&VT2	1	–	–	1	–	–	–	–	–	–	–
O103:H2 VT1	4	–	–	4	–	–	–	–	–	–	–
O103:HUT VT1	1	–	–	1	–	–	–	–	–	–	–
O103:HNT VT1	3	–	–	3	–	–	–	–	–	–	–
O119:HNT VT1	2	–	–	2	–	–	–	–	–	–	–
O119:HNT VT1&VT2	2	–	–	2	–	–	–	–	–	–	–
O121:H19 VT2	21	–	–	21	–	–	–	–	–	–	–
O121:HNT VT2	5	–	–	5	–	–	–	–	–	–	–
O127a:HNT VT1	1	–	–	1	–	–	–	–	–	–	–
O128:H2 VT1	2	–	–	2	–	–	–	–	–	–	–
O128:H19 VT1	1	–	–	1	–	–	–	–	–	–	–
O128:HNT VT1&VT2	3	–	–	3	–	–	–	–	–	–	–
O145:H16 VT1	2	–	–	2	–	–	–	–	–	–	–
O145:HNT VT1	1	–	–	1	–	–	–	–	–	–	–
O146:H19 VT2	2 (2)	–	–	2 (2)	–	–	–	–	–	–	–
O146:H- VT1&VT2	1	–	–	1	–	–	–	–	–	–	–
O146:HNT VT1	1	–	–	1	–	–	–	–	–	–	–
O146:HNT VT1&VT2	1	–	–	1	–	–	–	–	–	–	–
O148:HNT VT2	2	–	–	2	–	–	–	–	–	–	–
O165:H- VT2	4	–	–	4	–	–	–	–	–	–	–
O165:HNT VT1	1	–	–	1	–	–	–	–	–	–	–
OUT:H2 VT1	5 (4)	–	–	5 (4)	–	–	–	–	–	–	–
OUT:H2 VT1&VT2	1	–	–	1	–	–	–	–	–	–	–
OUT:H7 VT1	1 (1)	–	–	1 (1)	–	–	–	–	–	–	–
OUT:H7 VT1&VT2	1	–	–	1	–	–	–	–	–	–	–
OUT:H18 VT2	1 (1)	–	–	1 (1)	–	–	–	–	–	–	–
OUT:H19 VT1	5 (4)	–	–	5 (4)	–	–	–	–	–	–	–
OUT:H19 VT2	1	–	–	1	–	–	–	–	–	–	–
OUT:H- VT1	14 (2)	–	–	14 (2)	–	–	–	–	–	–	–
OUT:H- VT2	2	–	–	2	–	–	–	–	–	–	–
OUT:H- VT1&VT2	1	–	–	1	–	–	–	–	–	–	–
OUT:HUT VT1	3	–	–	3	–	–	–	–	–	–	–
OUT:HUT VT2	1	–	–	1	–	–	–	–	–	–	–
OUT:HUT VT1&VT2	1	–	–	1	–	–	–	–	–	–	–
OUT:HNT VT1	25 (9)	–	–	25 (9)	–	–	–	–	–	–	–
OUT:HNT VT2	4	–	–	4	–	–	–	–	–	–	–
OUT:HNT VT1&VT2	2	–	–	2	–	–	–	–	–	–	–

NT: Not typed, UT: Untypable, H-: H non-motile

III-2.-Continued-3

* EHEC/VTEC serotypes & VT types

( ) : Imported cases included in the total

	MENINGOCOCCAL MENINGITIS	SYPHILIS	TETANUS	VANCOMYCIN-RESISTANT ENTEROCOCCUS INFECTION	PHARYNGOCONJUNCTIVAL FEVER	GROUP A STREPTOCOCCAL PHARYNGITIS	INFECTIOUS GASTROENTERITIS	PERTUSSIS	HERPANGINA	BACTERIAL MENINGITIS	MYCOPLASMAL PNEUMONIAE	GONORRHEA	FOOD POISONING	OTHERS	NO DATA
O157:H7 VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O157:H7 VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O157:H7 VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O157:H- VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O157:H- VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O157:H- VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O157:HUT VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O157:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O157:HNT VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O157:HNT VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O26:H11 VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O26:H11 VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O26:H11 VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O26:H- VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O26:HUT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O26:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O26:HNT VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O26:HNT VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O111:H- VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O111:H- VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O111:H- VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O111:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O111:HNT VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O1:H20 VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O1:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O8:H19 VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O25:H- VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O63:H6 VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O63:HNT VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O74:H20 VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O103:H2 VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O103:HUT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O103:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O119:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O119:HNT VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O121:H19 VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O121:HNT VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O127a:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O128:H2 VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O128:H19 VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O128:HNT VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O145:H16 VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O145:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O146:H19 VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O146:H- VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O146:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O146:HNT VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O148:HNT VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O165:H- VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O165:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:H2 VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:H2 VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:H7 VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:H7 VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:H18 VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:H19 VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:H19 VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:H- VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:H- VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:H- VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:HUT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:HUT VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:HUT VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:HNT VT1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:HNT VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT:HNT VT1&VT2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NT: Not typed, UT: Untypable, H-: H non-motile

III-2.-Continued-4

( ) : Imported cases included in the total

	TOTAL	CHOLERA	SHIGELLOSIS	EHEC INFECTION	TYPHOID FEVER	PARATYPHOID FEVER	LEGIONELLOSIS	AMEBIASIS	CRYPTOSPORIDIOSIS	SEVERE INVASIVE STREPTOCOCCAL INFECTIONS	GIARDIASIS
* ETEC serotypes											
O6	1 (1)	–	–	–	–	–	–	–	–	–	–
O8	1 (1)	–	–	–	–	–	–	–	–	–	–
O25	5 (2)	–	–	–	–	–	–	–	–	–	–
O27	1	–	–	–	–	–	–	–	–	–	–
O159	1	–	–	–	–	–	–	–	–	–	–
O167	2 (2)	–	–	–	–	–	–	–	–	–	–
O169	13 (1)	–	–	–	–	–	–	–	–	–	–
* EIEC serotype											
O112	1	–	–	–	–	–	–	–	–	–	–
* EPEC serotypes											
O1	11	–	–	–	–	–	–	–	–	–	–
O8	2	–	–	–	–	–	–	–	–	–	–
O15	1	–	–	–	–	–	–	–	–	–	–
O18	8	–	–	–	–	–	–	–	–	–	–
O26	3	–	–	–	–	–	–	–	–	–	–
O44	5 (1)	–	–	–	–	–	–	–	–	–	–
O78	1	–	–	–	–	–	–	–	–	–	–
O86a	1	–	–	–	–	–	–	–	–	–	–
O111	9	–	–	–	–	–	–	–	–	–	–
O119	1	–	–	–	–	–	–	–	–	–	–
O125	1	–	–	–	–	–	–	–	–	–	–
O126	2	–	–	–	–	–	–	–	–	–	–
O128	3 (2)	–	–	–	–	–	–	–	–	–	–
O146	1	–	–	–	–	–	–	–	–	–	–
O166	2	–	–	–	–	–	–	–	–	–	–
* Other diarrhegenic *Escherichia coli* serotype											
O111	1	–	–	–	–	–	–	–	–	–	–
* *Salmonella* Typhi phage types											
A	1 (1)	–	–	–	1 (1)	–	–	–	–	–	–
B1	2 (1)	–	–	–	2 (1)	–	–	–	–	–	–
D1	1 (1)	–	–	–	1 (1)	–	–	–	–	–	–
D2	1 (1)	–	–	–	1 (1)	–	–	–	–	–	–
E9	1 (1)	–	–	–	1 (1)	–	–	–	–	–	–
* *Salmonella* Paratyphi A phage types											
1	2 (2)	–	–	–	–	2 (2)	–	–	–	–	–
4	3 (3)	–	–	–	–	3 (3)	–	–	–	–	–
5	1 (1)	–	–	–	–	1 (1)	–	–	–	–	–
6	2 (2)	–	–	–	–	2 (2)	–	–	–	–	–
Untypable	1 (1)	–	–	–	–	1 (1)	–	–	–	–	–
* *Salmonella* serovars											
O4 Typhimurium	13	–	–	–	–	–	–	–	–	–	–
O4 Haifa	2	–	–	–	–	–	–	–	–	–	–
O4 Saintpaul	2	–	–	–	–	–	–	–	–	–	–
O4 Agona	1	–	–	–	–	–	–	–	–	–	–
O4 Derby	1	–	–	–	–	–	–	–	–	–	–
O4 Heidelberg	1	–	–	–	–	–	–	–	–	–	–
O4 I 4:i:–	1	–	–	–	–	–	–	–	–	–	–
O4 Paratyphi B	1	–	–	–	–	–	–	–	–	–	–
O7 Infantis	29	–	–	–	–	–	–	–	–	–	–
O7 Virchow	9	–	–	–	–	–	–	–	–	–	–
O7 Montevideo	7	–	–	–	–	–	–	–	–	–	–
O7 Thompson	2	–	–	–	–	–	–	–	–	–	–
O7 Bareilly	1	–	–	–	–	–	–	–	–	–	–
O7 Mikawasima	1	–	–	–	–	–	–	–	–	–	–
O7 Tennessee	1	–	–	–	–	–	–	–	–	–	–
O8 Corvallis	2	–	–	–	–	–	–	–	–	–	–
O8 Nagoya	2	–	–	–	–	–	–	–	–	–	–
O8 Kottbus	1	–	–	–	–	–	–	–	–	–	–
O8 Litchfield	1	–	–	–	–	–	–	–	–	–	–
O9 Enteritidis	63 (1)	–	–	–	–	–	–	–	–	–	–
O3, 10 Weltevreden	1	–	–	–	–	–	–	–	–	–	–
O13 Havana	1	–	–	–	–	–	–	–	–	–	–
O16 Hvittingfoss	1	–	–	–	–	–	–	–	–	–	–

III-2.-Continued-5

( ) : Imported cases included in the total

	MENINGOCOCCAL MENINGITIS	SYPHILIS	TETANUS	VANCOMYCIN-RESISTANT ENTEROCOCCUS INFECTION	PHARYNGOCONJUNCTIVAL FEVER	GROUP A STREPTOCOCCAL PHARYNGITIS	INFECTIOUS GASTROENTERITIS	PERTUSSIS	HERPANGINA	BACTERIAL MENINGITIS	MYCOPLASMAL PNEUMONIAE	GONORRHEA	FOOD POISONING	OTHERS	NO DATA
＊ETEC serotypes															
O6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 (1)
O8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 (1)
O25	–	–	–	–	–	–	3 (1)	–	–	–	–	–	–	–	2 (1)
O27	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O159	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O167	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2 (2)
O169	–	–	–	–	–	–	1 (1)	–	–	–	–	–	12	–	–
＊EIEC serotype															
O112	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
＊EPEC serotypes															
O1	–	–	–	–	–	–	11	–	–	–	–	–	–	–	–
O8	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–
O15	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O18	–	–	–	–	–	–	8	–	–	–	–	–	–	–	–
O26	–	–	–	–	–	–	2	–	–	–	–	–	–	–	1
O44	–	–	–	–	–	–	4	–	–	–	–	–	–	–	1 (1)
O78	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O86a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
O111	–	–	–	–	–	–	2	–	–	–	–	–	–	–	7
O119	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O125	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O126	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1
O128	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3 (2)
O146	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–
O166	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–
＊Other diarrhegenic *Escherichia coli* serotype															
O111	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
＊*Salmonella* Typhi phage types															
A	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
B1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
D1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
D2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
E9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
＊*Salmonella* Paratyphi A phage types															
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Untypable	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
＊*Salmonella* serovars															
O4 Typhimurium	–	–	–	–	–	–	3	–	–	–	–	–	9	–	1
O4 Haifa	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–
O4 Saintpaul	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–
O4 Agona	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O4 Derby	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
O4 Heidelberg	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O4 I 4:i:–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O4 Paratyphi B	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O7 Infantis	–	–	–	–	–	–	3	–	–	–	–	–	24	1	1
O7 Virchow	–	–	–	–	–	–	6	–	–	–	–	–	3	–	–
O7 Montevideo	–	–	–	–	–	–	–	–	–	–	–	–	7	–	–
O7 Thompson	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
O7 Bareilly	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O7 Mikawasima	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O7 Tennessee	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–
O8 Corvallis	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1
O8 Nagoya	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1
O8 Kottbus	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O8 Litchfield	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O9 Enteritidis	–	–	–	–	–	–	23	–	–	–	–	–	22 (1)	11	7
O3, 10 Weltevreden	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O13 Havana	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
O16 Hvittingfoss	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–

III-2.-Continued-6

( ) : Imported cases included in the total

	TOTAL	CHOLERA	SHIGELLOSIS	EHEC INFECTION	TYPHOID FEVER	PARATYPHOID FEVER	LEGIONELLOSIS	AMEBIASIS	CRYPTOSPORIDIOSIS	SEVERE INVASIVE STREPTOCOCCAL INFECTIONS	GIARDIASIS
＊ *Vibrio parahaemolyticus* serotypes											
K6	3	–	–	–	–	–	–	–	–	–	–
O3:K6	6	–	–	–	–	–	–	–	–	–	–
O4:K9	1	–	–	–	–	–	–	–	–	–	–
＊ *Campylobacter jejuni* serotypes											
Penner A	1	–	–	–	–	–	–	–	–	–	–
Penner B	12	–	–	–	–	–	–	–	–	–	–
Penner C	26	–	–	–	–	–	–	–	–	–	–
Penner D	1	–	–	–	–	–	–	–	–	–	–
Penner G	1	–	–	–	–	–	–	–	–	–	–
Penner O	2	–	–	–	–	–	–	–	–	–	–
Penner Y	6	–	–	–	–	–	–	–	–	–	–
Penner Z6	1	–	–	–	–	–	–	–	–	–	–
＊ *Staphylococcus aureus* coagulase types											
Ⅰ	3	–	–	–	–	–	–	–	–	–	–
Ⅱ	22	–	–	–	–	–	–	–	–	–	–
Ⅲ	3	–	–	–	–	–	–	–	–	–	–
Ⅳ	6	–	–	–	–	–	–	–	–	–	–
Ⅴ	3	–	–	–	–	–	–	–	–	–	–
Ⅵ	1	–	–	–	–	–	–	–	–	–	–
Ⅶ	6	–	–	–	–	–	–	–	–	–	–
Ⅷ	3	–	–	–	–	–	–	–	–	–	–
Untypable	1	–	–	–	–	–	–	–	–	–	–
＊ *Streptococcus pyogenes* T serotypes											
T1	46	–	–	–	–	–	–	–	–	1	–
T2	2	–	–	–	–	–	–	–	–	–	–
T3	20	–	–	–	–	–	–	–	–	–	–
T4	133	–	–	–	–	–	–	–	–	–	–
T6	5	–	–	–	–	–	–	–	–	–	–
T8	1	–	–	–	–	–	–	–	–	–	–
T11	6	–	–	–	–	–	–	–	–	–	–
T12	216	–	–	–	–	–	–	–	–	–	–
T13	2	–	–	–	–	–	–	–	–	–	–
T22	1	–	–	–	–	–	–	–	–	–	–
T25	13	–	–	–	–	–	–	–	–	–	–
T28	36	–	–	–	–	–	–	–	–	–	–
TB3264	22	–	–	–	–	–	–	–	–	2	–
Untypable	41	–	–	–	–	–	–	–	–	2	–
＊ *Legionella pneumophila* serogroups											
1	7	–	–	–	–	–	7	–	–	–	–
4	1	–	–	–	–	–	1	–	–	–	–
＊ *Neisseria meningitidis* serogroup											
Group B	1	–	–	–	–	–	–	–	–	–	–
＊ *Enterococcus faecium* genotypes											
vanA	3	–	–	–	–	–	–	–	–	–	–
vanB	1	–	–	–	–	–	–	–	–	–	–

III-2.-Continued-7

( ) : Imported cases included in the total

	MENINGOCOCCAL MENINGITIS	SYPHILIS	TETANUS	VANCOMYCIN-RESISTANT ENTEROCOCCUS INFECTION	PHARYNGOCONJUNCTIVAL FEVER	GROUP A STREPTOCOCCAL PHARYNGITIS	INFECTIOUS GASTROENTERITIS	PERTUSSIS	HERPANGINA	BACTERIAL MENINGITIS	MYCOPLASMAL PNEUMONIAE	GONORRHEA	FOOD POISONING	OTHERS	NO DATA
* *Vibrio parahaemolyticus* serotypes															
K6	–	–	–	–	–	–	–	–	–	–	–	–	3	–	–
O3:K6	–	–	–	–	–	–	–	–	–	–	–	–	4	1	1
O4:K9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
* *Campylobacter jejuni* serotypes															
Penner A	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–
Penner B	–	–	–	–	–	–	9	–	–	–	–	–	2	1	–
Penner C	–	–	–	–	–	–	–	–	–	–	–	–	22	4	–
Penner D	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Penner G	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–
Penner O	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–
Penner Y	–	–	–	–	–	–	1	–	–	–	–	–	–	5	–
Penner Z6	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
* *Staphylococcus aureus* coagulase types															
Ⅰ	–	–	–	–	–	–	2	–	–	–	–	–	–	1	–
Ⅱ	–	–	–	–	–	–	3	–	–	–	–	–	–	6	13
Ⅲ	–	–	–	–	–	–	2	–	–	–	–	–	–	1	–
Ⅳ	–	–	–	–	–	–	3	1	–	–	–	–	–	2	–
Ⅴ	–	–	–	–	–	–	3	–	–	–	–	–	–	–	–
Ⅵ	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–
Ⅶ	–	–	–	–	–	–	5	–	–	–	–	–	–	1	–
Ⅷ	–	–	–	–	–	–	3	–	–	–	–	–	–	–	–
Untypable	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–
* *Streptococcus pyogenes* T serotypes															
T1	–	–	–	–	–	45	–	–	–	–	–	–	–	–	–
T2	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–
T3	–	–	–	–	–	20	–	–	–	–	–	–	–	–	–
T4	–	–	–	–	–	127	–	–	–	–	–	–	–	1	5
T6	–	–	–	–	–	4	–	–	–	–	–	–	–	–	1
T8	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
T11	–	–	–	–	–	6	–	–	–	–	–	–	–	–	–
T12	–	–	–	–	1	211	–	–	1	–	–	–	–	2	1
T13	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–
T22	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
T25	–	–	–	–	–	12	–	–	–	–	–	–	–	–	1
T28	–	–	–	–	–	36	–	–	–	–	–	–	–	–	–
TB3264	–	–	–	–	–	17	–	–	–	–	–	–	–	–	3
Untypable	–	–	–	–	–	39	–	–	–	–	–	–	–	–	–
* *Legionella pneumophila* serogroups															
1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
* *Neisseria meningitidis* serogroup															
Group B	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
* *Enterococcus faecium* genotypes															
vanA	–	–	–	3	–	–	–	–	–	–	–	–	–	–	–
vanB	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–

III-3. By age group, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007
( ) : Imported cases included in the total

	TOTAL	AGE GROUP (AGE IN YEARS) 0-4	5-9	10-14	15-19	20-24	25-29	30-34
TOTAL	3233 (269)	814 (4)	703 (3)	254 (2)	223 (107)	178 (33)	151 (22)	128 (24)
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	1934 (116)	503 (3)	287 (1)	139	192 (103)	135 (1)	101	88 (2)
Enterotoxigenic *Escherichia coli* (ETEC)*	25 (7)	2	-	-	12	1 (1)	1 (1)	2 (2)
Enteroinvasive *Escherichia coli* (EIEC)*	2	1	-	1	-	-	-	-
Enteropathogenic *Escherichia coli* serotype (EPEC)*	52 (3)	35	12	1	-	1 (1)	-	-
Other diarrhegenic *Escherichia coli**	1	1	-	-	-	-	-	-
Salmonella Typhi*	15 (10)	-	-	1 (1)	-	3 (3)	3 (3)	3 (2)
Salmonella Paratyphi A*	23 (22)	-	1 (1)	-	-	7 (7)	5 (5)	6 (6)
Salmonella O4*	22	5	3	1	-	-	1	2
Salmonella O7*	50	7	2	2	1	2	6	1
Salmonella O8*	6	1	-	1	-	-	-	1
Salmonella O9*	63 (1)	11	8	5	1	1	2	-
Salmonella O3,10	1	-	-	-	-	-	-	-
Salmonella O13	1	1	-	-	-	-	-	-
Salmonella O16	1	-	-	-	-	-	1	-
Salmonella O45	1	1	-	-	-	-	-	-
Salmonella group unknown	1 (1)	-	-	-	-	1 (1)	-	-
Vibrio cholerae O1: El Tor, Ogawa, CT(+)	15 (13)	-	-	-	-	1 (1)	2 (2)	-
Vibrio cholerae O1: El Tor, Inaba, CT(+)	8 (7)	-	-	-	-	1 (1)	1 (1)	-
Vibrio cholerae O139, CT(+)	2 (2)	-	-	-	-	-	-	-
*Vibrio parahaemolyticus**	10	-	-	-	-	1	1	-
Aeromonas sobria	2	-	-	-	-	-	-	-
Aeromonas caviae	2	-	1	-	-	-	-	-
*Campylobacter jejuni**	142 (6)	36	38	27	5	1	7	2
Campylobacter coli	2	-	1	-	-	-	-	1
*Staphylococcus aureus**	59	31	8	8	-	-	1	-
Clostridium perfringens	5	-	-	-	-	-	1	-
Listeria monocytogenes	1	-	-	-	-	-	-	-
Shigella dysenteriae 1	1 (1)	-	-	-	-	1 (1)	-	-
Shigella dysenteriae 2	1	-	-	-	-	1	-	-
Shigella dysenteriae 4	1 (1)	-	-	-	-	1 (1)	-	-
Shigella flexneri 1a	4 (1)	-	-	-	-	-	-	-
Shigella flexneri 1b	3 (3)	-	-	-	-	2 (2)	-	1 (1)
Shigella flexneri 2a	15 (9)	-	-	-	-	2 (2)	2	-
Shigella flexneri 2b	2 (2)	-	-	-	-	1 (1)	-	-
Shigella flexneri 3a	5 (1)	-	-	-	-	2	-	-
Shigella flexneri 4a	2 (1)	-	-	-	-	-	-	-
Shigella flexneri 4	1	-	-	-	-	-	-	-
Shigella flexneri 6	3 (2)	-	1	-	-	2 (2)	-	-
Shigella flexneri var.X	4 (1)	-	-	-	-	-	-	-
Shigella flexneri serovar unknown	1	-	-	-	-	-	-	-
Shigella boydii 1	1	-	-	-	-	-	-	-
Shigella boydii 8	2 (2)	-	-	-	-	-	1 (1)	1 (1)
Shigella sonnei	84 (56)	6 (1)	9 (1)	2 (1)	5 (4)	9 (8)	12 (9)	11 (10)
Entamoeba histolytica	5 (1)	-	-	-	-	-	-	1
Cryptosporidium parvum	30	-	18	12	-	-	-	-
Giardia lamblia	3	-	-	-	-	-	-	-
*Streptococcus pyogenes** (*Streptococcus* group A)	549	162	300	48	3	1	2	4
Streptococcus agalactiae (*Streptococcus* group B)	1	1	-	-	-	-	-	-
Streptococcus group C	3	1	1	1	-	-	-	-
Streptococcus group G	13	2	6	3	1	-	-	-
Streptococcus other groups	2	1	1	-	-	-	-	-
Streptococcus pneumoniae	2	1	-	-	-	-	-	-
Bordetella pertussis	3	3	-	-	-	-	-	-
Clostridium tetani	2	-	-	-	-	-	-	-
*Legionella pneumophila**	9	-	-	-	-	-	-	-
Mycobacterium tuberculosis	3	-	-	-	-	-	-	1
Mycoplasma pneumoniae	11	-	6	2	-	1	-	-
*Enterococcus faecium**	4	-	-	-	-	-	-	-
*Neisseria meningitidis**	2	1	-	-	1	-	-	-
Neisseria gonorrhoeae	13	-	-	-	2	-	1	3
Treponema pallidum	1	-	-	-	-	-	-	-
Other bacteria	1	1	-	-	-	-	-	-

III-3.-Continued-1

( ) : Imported cases included in the total

	AGE GROUP (AGE IN YEARS)								
	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-	UNKNOWN
TOTAL	97 (9)	66 (4)	76 (11)	84 (13)	72 (10)	63 (8)	43 (6)	123 (6)	158 (7)
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	65	52 (1)	51 (3)	47	48 (1)	42	32 (1)	81	71
Enterotoxigenic *Escherichia coli* (ETEC)*	-	1 (1)	-	1 (1)	3	-	-	1 (1)	1
Enteroinvasive *Escherichia coli* (EIEC)*	-	-	-	-	-	-	-	-	-
Enteropathogenic *Escherichia coli* serotype (EPEC)*	-	-	-	-	-	1 (1)	-	1	1 (1)
Other diarrhegenic *Escherichia coli**	-	-	-	-	-	-	-	-	-
Salmonella Typhi*	1	1	-	1	-	1	1 (1)	-	-
Salmonella Paratyphi A*	-	-	2 (1)	1 (1)	-	1 (1)	-	-	-
Salmonella O4*	2	1	1	1	1	1	-	2	1
Salmonella O7*	1	-	3	4	1	-	1	1	18
Salmonella O8*	-	-	-	-	-	2	-	-	1
Salmonella O9*	3	2	3	3	3 (1)	1	-	6	14
Salmonella O3,10	1	-	-	-	-	-	-	-	-
Salmonella O13	-	-	-	-	-	-	-	-	-
Salmonella O16	-	-	-	-	-	-	-	-	-
Salmonella O45	-	-	-	-	-	-	-	-	-
Salmonella group unknown	-	-	-	-	-	-	-	-	-
Vibrio cholerae O1: El Tor, Ogawa, CT(+)	1 (1)	1 (1)	3 (3)	4 (3)	2 (1)	1 (1)	-	-	-
Vibrio cholerae O1: El Tor, Inaba, CT(+)	2 (2)	-	1	2 (2)	-	-	-	1 (1)	-
Vibrio cholerae O139, CT(+)	-	-	1 (1)	-	1 (1)	-	-	-	-
*Vibrio parahaemolyticus**	-	-	-	1	1	-	-	1	5
Aeromonas sobria	-	-	-	-	1	-	-	1	-
Aeromonas caviae	-	1	-	-	-	-	-	-	-
*Campylobacter jejuni**	3	1	3	3	2	-	-	1	13 (6)
Campylobacter coli	-	-	-	-	-	-	-	-	-
*Staphylococcus aureus**	2	-	-	1	-	-	-	1	7
*Clostridium perfringens**	-	-	-	1	-	-	-	-	3
*Listeria monocytogenes**	-	-	-	-	-	1	-	-	-
Shigella dysenteriae 1	-	-	-	-	-	-	-	-	-
Shigella dysenteriae 2	-	-	-	-	-	-	-	-	-
Shigella dysenteriae 4	-	-	-	-	-	-	-	-	-
Shigella flexneri 1a	-	1 (1)	1	1	-	1	-	-	-
Shigella flexneri 1b	-	-	-	-	-	-	-	-	-
Shigella flexneri 2a	-	1	-	1	3 (3)	1 (1)	2 (1)	3 (2)	-
Shigella flexneri 2b	-	-	-	-	-	-	1 (1)	-	-
Shigella flexneri 3a	-	-	-	-	1	-	1	1 (1)	-
Shigella flexneri 4a	-	-	-	1 (1)	-	-	-	1	-
Shigella flexneri 4	-	-	-	-	-	-	1	-	-
Shigella flexneri 6	-	-	-	-	-	-	-	-	-
Shigella flexneri var.X	1	-	-	-	1 (1)	-	-	2	-
Shigella flexneri serovar unknown	1	-	-	-	-	-	-	-	-
Shigella boydii 1	-	-	-	-	-	-	-	1	-
Shigella boydii 8	-	-	-	-	-	-	-	-	-
Shigella sonnei	7 (6)	1	4 (3)	4 (4)	2 (2)	6 (4)	3 (2)	3 (1)	-
Entamoeba histolytica	-	-	-	1 (1)	1	1	-	1	-
Cryptosporidium parvum	-	-	-	-	-	-	-	-	-
Giardia lamblia	-	-	-	1	-	1	-	1	-
*Streptococcus pyogenes** (*Streptococcus* group A)	6	1	1	2	-	1	-	1	17
Streptococcus agalactiae (*Streptococcus* group B)	-	-	-	-	-	-	-	-	-
Streptococcus group C	-	-	-	-	-	-	-	-	-
Streptococcus group G	-	-	-	1	-	-	-	-	-
Streptococcus other groups	-	-	-	-	-	-	-	-	-
*Streptococcus pneumoniae**	-	-	-	-	-	-	-	-	1
Bordetella pertussis	-	-	-	-	-	-	-	-	-
Clostridium tetani	-	-	-	-	-	1	-	1	-
*Legionella pneumophila**	-	-	1	1	1	-	1	5	-
Mycobacterium tuberculosis	-	-	-	-	-	-	-	2	-
Mycoplasma pneumoniae	-	-	-	1	-	-	-	1	-
*Enterococcus faecium**	1	-	-	-	-	-	-	3	-
*Neisseria meningitidis**	-	-	-	-	-	-	-	-	-
Neisseria gonorrhoeae	-	2	-	-	-	-	-	-	5
Treponema pallidum	-	-	1	-	-	-	-	-	-
Other bacteria	-	-	-	-	-	-	-	-	-

III-3.-Continued-2

＊EHEC/VTEC serotypes & VT types

( ) : Imported cases included in the total

	TOTAL	AGE GROUP (AGE IN YEARS) 0-4	5-9	10-14	15-19	20-24	25-29	30-34
O157:H7 VT1	12 (1)	1	2	-	1	1	1	1
O157:H7 VT2	337 (2)	92 (1)	51	26	23	31	17	14
O157:H7 VT1&VT2	618 (3)	112 (2)	92	59	40 (1)	58	44	34
O157:H- VT1	7	3	1	-	1	1	-	-
O157:H- VT2	20	3	7	-	2	1	2	2
O157:H- VT1&VT2	30	3	4	2	-	2	3	1
O157:HUT VT2	1	-	-	-	-	1	-	-
O157:HNT VT1	4	-	1	1	-	-	-	-
O157:HNT VT2	60 (1)	15	10	3	-	6	2	4
O157:HNT VT1&VT2	100	14	18	7	8	12	11	7
O26:H11 VT1	300 (8)	147	49	5	13 (8)	4	10	11
O26:H11 VT2	1	1	-	-	-	-	-	-
O26:H11 VT1&VT2	7	4	-	1	-	1	-	-
O26:H- VT1	41	21	2	2	1	1	3	2
O26:HUT VT1	5	2	1	-	-	-	-	-
O26:HNT VT1	99	42	14	3	2	2	3	2
O26:HNT VT2	1	-	-	-	-	-	-	-
O26:HNT VT1&VT2	4	3	-	1	-	-	-	-
O111:H- VT1	6	3	2	-	-	1	-	-
O111:H- VT2	1	-	-	-	-	1	-	-
O111:H- VT1&VT2	97 (78)	12	2	-	75 (75)	2	-	3 (1)
O111:HNT VT1	14	7	1	1	-	1	-	-
O111:HNT VT1&VT2	31	7	18	3	-	1	-	-
O1:H20 VT1	1	-	-	-	-	-	-	-
O1:HNT VT1	1	-	-	-	-	-	-	1
O8:H19 VT1&VT2	1	-	-	-	-	-	-	-
O25:H- VT1	1	-	1	-	-	-	-	-
O63:H6 VT2	2	-	-	-	-	-	-	1
O63:HNT VT2	3	2	-	-	-	-	-	-
O74:H20 VT1&VT2	1	-	-	-	-	-	-	-
O103:H2 VT1	4	1	-	-	-	-	-	1
O103:HUT VT1	1	-	-	-	-	1	-	-
O103:HNT VT1	3	-	1	-	1	-	1	-
O119:HNT VT1	2	-	1	1	-	-	-	-
O119:HNT VT1&VT2	2	-	-	-	-	-	-	-
O121:H19 VT2	21	-	1	18	-	-	1	-
O121:HNT VT2	5	2	-	-	-	-	-	1
O127a:HNT VT1	1	-	1	-	-	-	-	-
O128:H2 VT1	2	2	-	-	-	-	-	-
O128:H19 VT1	1	-	1	-	-	-	-	-
O128:HNT VT1&VT2	3	-	-	-	2	-	-	-
O145:H16 VT1	2	1	-	1	-	-	-	-
O145:HNT VT1	1	-	-	-	1	-	-	-
O146:H19 VT2	2 (2)	-	-	-	2 (2)	-	-	-
O146:H- VT1&VT2	1	-	-	-	-	-	-	-
O146:HNT VT1	1	-	-	-	-	-	-	-
O146:HNT VT1&VT2	1	-	-	-	-	1	-	-
O148:HNT VT2	2	-	-	1	-	-	-	-
O165:H- VT2	4	2	2	-	-	-	-	-
O165:HNT VT1	1	-	-	-	-	-	-	1
OUT:H2 VT1	5 (4)	-	-	-	4 (4)	-	-	-
OUT:H2 VT1&VT2	1	-	-	-	-	-	-	-
OUT:H7 VT1	1 (1)	-	-	-	-	-	-	1 (1)
OUT:H7 VT1&VT2	1	-	-	1	-	-	-	-
OUT:H18 VT2	1 (1)	-	-	-	1 (1)	-	-	-
OUT:H19 VT1	5 (4)	-	-	-	4 (4)	-	-	-
OUT:H19 VT2	1	-	1	-	-	-	-	-
OUT:H- VT1	14 (2)	1	1 (1)	-	1 (1)	1	-	-
OUT:H- VT2	2	-	-	-	1	-	-	-
OUT:H- VT1&VT2	1	-	-	-	-	1	-	-
OUT:HUT VT1	3	-	-	1	-	1	-	-
OUT:HUT VT2	1	-	-	-	-	-	-	-
OUT:HUT VT1&VT2	1	-	-	-	-	-	-	-
OUT:HNT VT1	25 (9)	-	1	2	9 (7)	3 (1)	2	1
OUT:HNT VT2	4	-	1	-	-	-	-	-
OUT:HNT VT1&VT2	2	-	-	-	-	-	1	-

NT: Not typed, UT: Untypable, H-: H non-motile

III-3.-Continued-3

* EHEC/VTEC serotypes & VT types

( ) : Imported cases included in the total

	AGE GROUP (AGE IN YEARS)								
	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-	UNKNOWN
O157:H7 VT1	-	-	1	-	2 (1)	1	-	1	-
O157:H7 VT2	14	11	6 (1)	8	12	10	6	10	6
O157:H7 VT1&VT2	25	21	16	21	15	17	16	41	7
O157:H- VT1	-	-	1	-	-	-	-	-	-
O157:H- VT2	1	-	-	1	1	-	-	-	-
O157:H- VT1&VT2	2	-	3	1	5	-	1	2	1
O157:HUT VT2	-	-	-	-	-	-	-	-	-
O157:HNT VT1	1	-	1	-	-	-	-	-	-
O157:HNT VT2	5	-	2	3	3	1	1 (1)	4	1
O157:HNT VT1&VT2	1	1	2	5	-	5	-	5	4
O26:H11 VT1	7	5	6	2	3	1	2	9	26
O26:H11 VT2	-	-	-	-	-	-	-	-	-
O26:H11 VT1&VT2	-	-	-	-	-	-	-	-	1
O26:H- VT1	1	2	1	-	-	2	3	-	-
O26:HUT VT1	-	-	-	-	-	-	-	-	2
O26:HNT VT1	5	4	4	3	-	1	2	5	7
O26:HNT VT2	-	-	-	-	-	-	-	-	1
O26:HNT VT1&VT2	-	-	-	-	-	-	-	-	-
O111:H- VT1	-	-	-	-	-	-	-	-	-
O111:H- VT2	-	-	-	-	-	-	-	-	-
O111:H- VT1&VT2	-	1 (1)	1 (1)	-	-	-	-	-	1
O111:HNT VT1	-	1	-	-	-	1	-	1	1
O111:HNT VT1&VT2	1	1	-	-	-	-	-	-	-
O1:H20 VT1	-	-	1	-	-	-	-	-	-
O1:HNT VT1	-	-	-	-	-	-	-	-	-
O8:H19 VT1&VT2	-	-	-	-	1	-	-	-	-
O25:H- VT1	-	-	-	-	-	-	-	-	-
O63:H6 VT2	-	-	-	-	-	-	-	-	1
O63:HNT VT2	-	-	-	-	-	1	-	-	-
O74:H20 VT1&VT2	-	-	-	-	-	-	1	-	-
O103:H2 VT1	-	-	-	-	1	-	-	-	1
O103:HUT VT1	-	-	-	-	-	-	-	-	-
O103:HNT VT1	-	-	-	-	-	-	-	-	-
O119:HNT VT1	-	-	-	-	-	-	-	-	-
O119:HNT VT1&VT2	-	-	-	1	1	-	-	-	-
O121:H19 VT2	-	-	-	-	-	1	-	-	-
O121:HNT VT2	1	-	-	-	-	1	-	-	-
O127a:HNT VT1	-	-	-	-	-	-	-	-	-
O128:H2 VT1	-	-	-	-	-	-	-	-	-
O128:H19 VT1	-	-	-	-	-	-	-	-	-
O128:HNT VT1&VT2	-	-	-	-	-	-	-	-	1
O145:H16 VT1	-	-	-	-	-	-	-	-	-
O145:HNT VT1	-	-	-	-	-	-	-	-	-
O146:H19 VT2	-	-	-	-	-	-	-	-	-
O146:H- VT1&VT2	-	-	-	-	-	-	-	1	-
O146:HNT VT1	-	-	-	-	-	-	-	1	-
O146:HNT VT1&VT2	-	-	-	-	-	-	-	-	-
O148:HNT VT2	-	1	-	-	-	-	-	-	-
O165:H- VT2	-	-	-	-	-	-	-	-	-
O165:HNT VT1	-	-	-	-	-	-	-	-	-
OUT:H2 VT1	-	-	-	-	-	-	-	-	1
OUT:H2 VT1&VT2	-	-	1	-	-	-	-	-	-
OUT:H7 VT1	-	-	-	-	-	-	-	-	-
OUT:H7 VT1&VT2	-	-	-	-	-	-	-	-	-
OUT:H18 VT2	-	-	-	-	-	-	-	-	-
OUT:H19 VT1	-	-	-	-	1	-	-	-	-
OUT:H19 VT2	-	-	-	-	-	-	-	-	-
OUT:H- VT1	-	-	1	-	-	-	-	-	9
OUT:H- VT2	-	1	-	-	-	-	-	-	-
OUT:H- VT1&VT2	-	-	-	-	-	-	-	-	-
OUT:HUT VT1	-	-	-	1	-	-	-	-	-
OUT:HUT VT2	1	-	-	-	-	-	-	-	-
OUT:HUT VT1&VT2	-	-	-	-	-	-	-	1	-
OUT:HNT VT1	-	2	2 (1)	-	3	-	-	-	-
OUT:HNT VT2	-	-	2	1	-	-	-	-	-
OUT:HNT VT1&VT2	-	1	-	-	-	-	-	-	-

NT: Not typed, UT: Untypable, H-: H non-motile

III-3.-Continued-4

( ) : Imported cases included in the total

	TOTAL	AGE GROUP (AGE IN YEARS) 0–4	5–9	10–14	15–19	20–24	25–29	30–34
＊ETEC serotypes								
O6	1 (1)	–	–	–	–	–	–	1 (1)
O8	1 (1)	–	–	–	–	–	–	–
O25	5 (2)	–	–	–	–	–	–	1 (1)
O27	1	–	–	–	–	–	–	–
O159	1	1	–	–	–	–	–	–
O167	2 (2)	–	–	–	–	1 (1)	1 (1)	–
O169	13 (1)	–	–	–	12	–	–	–
＊EIEC serotype								
O112	1	–	–	1	–	–	–	–
＊EPEC serotypes								
O1	11	7	3	–	–	–	–	–
O8	2	2	–	–	–	–	–	–
O15	1	1	–	–	–	–	–	–
O18	8	7	1	–	–	–	–	–
O26	3	2	1	–	–	–	–	–
O44	5 (1)	4	–	–	–	–	–	–
O78	1	1	–	–	–	–	–	–
O86a	1	1	–	–	–	–	–	–
O111	9	4	4	1	–	–	–	–
O119	1	1	–	–	–	–	–	–
O125	1	1	–	–	–	–	–	–
O126	2	2	–	–	–	–	–	–
O128	3 (2)	1	–	–	–	1 (1)	–	–
O146	1	–	1	–	–	–	–	–
O166	2	1	1	–	–	–	–	–
＊Other diarrhegenic *Escherichia coli* serotype								
O111	1	1	–	–	–	–	–	–
＊*Salmonella* Typhi phage types								
A	1 (1)	–	–	1 (1)	–	–	–	–
B1	2 (1)	–	–	–	–	–	–	–
D1	1 (1)	–	–	–	–	1 (1)	–	–
D2	1 (1)	–	–	–	–	–	–	1 (1)
E9	1 (1)	–	–	–	–	1 (1)	–	–
＊*Salmonella* Paratyphi A phage types								
1	2 (2)	–	–	–	–	–	1 (1)	–
4	3 (3)	–	–	–	–	–	–	2 (2)
5	1 (1)	–	1 (1)	–	–	–	–	–
6	2 (2)	–	–	–	–	2 (2)	–	–
Untypable	1 (1)	–	–	–	–	1 (1)	–	–
＊*Salmonella* serovars								
O4 Typhimurium	13	2	1	1	–	–	1	2
O4 Haifa	2	1	–	–	–	–	–	–
O4 Saintpaul	2	–	1	–	–	–	–	–
O4 Agona	1	–	1	–	–	–	–	–
O4 Derby	1	–	–	–	–	–	–	–
O4 Heidelberg	1	–	–	–	–	–	–	–
O4 I 4:i:–	1	1	–	–	–	–	–	–
O4 Paratyphi B	1	1	–	–	–	–	–	–
O7 Infantis	29	3	1	1	1	–	3	1
O7 Virchow	9	2	1	1	–	1	1	–
O7 Montevideo	7	–	–	–	–	–	2	–
O7 Thompson	2	–	–	–	–	–	–	–
O7 Bareilly	1	1	–	–	–	–	–	–
O7 Mikawasima	1	1	–	–	–	–	–	–
O7 Tennessee	1	–	–	–	–	1	–	–
O8 Corvallis	2	–	–	–	–	–	–	–
O8 Nagoya	2	–	–	–	–	–	–	1
O8 Kottbus	1	–	–	1	–	–	–	–
O8 Litchfield	1	1	–	–	–	–	–	–
O9 Enteritidis	63 (1)	11	8	5	1	1	2	–
O3,10 Weltevreden	1	–	–	–	–	–	–	–
O13 Havana	1	1	–	–	–	–	–	–
O16 Hvittingfoss	1	–	–	–	–	–	1	–

III-3.-Continued-5

( ) : Imported cases included in the total

	AGE GROUP (AGE IN YEARS)								
	35–39	40–44	45–49	50–54	55–59	60–64	65–69	70–	UNKNOWN
＊ETEC serotypes									
O6	–	–	–	–	–	–	–	–	–
O8	–	–	–	1 (1)	–	–	–	–	–
O25	–	1 (1)	–	–	2	–	–	–	1
O27	–	–	–	–	1	–	–	–	–
O159	–	–	–	–	–	–	–	–	–
O167	–	–	–	–	–	–	–	–	–
O169	–	–	–	–	–	–	–	1 (1)	–
＊EIEC serotype									
O112	–	–	–	–	–	–	–	–	–
＊EPEC serotypes									
O1	–	–	–	–	–	–	–	1	–
O8	–	–	–	–	–	–	–	–	–
O15	–	–	–	–	–	–	–	–	–
O18	–	–	–	–	–	–	–	–	–
O26	–	–	–	–	–	–	–	–	–
O44	–	–	–	–	–	–	–	–	1 (1)
O78	–	–	–	–	–	–	–	–	–
O86a	–	–	–	–	–	–	–	–	–
O111	–	–	–	–	–	–	–	–	–
O119	–	–	–	–	–	–	–	–	–
O125	–	–	–	–	–	–	–	–	–
O126	–	–	–	–	–	–	–	–	–
O128	–	–	–	–	–	1 (1)	–	–	–
O146	–	–	–	–	–	–	–	–	–
O166	–	–	–	–	–	–	–	–	–
＊Other diarrhegenic *Escherichia coli* serotype									
O111	–	–	–	–	–	–	–	–	–
＊*Salmonella* Typhi phage types									
A	–	–	–	–	–	–	–	–	–
B1	–	–	–	–	–	1	1 (1)	–	–
D1	–	–	–	–	–	–	–	–	–
D2	–	–	–	–	–	–	–	–	–
E9	–	–	–	–	–	–	–	–	–
＊*Salmonella* Paratyphi A phage types									
1	–	–	1 (1)	–	–	–	–	–	–
4	–	–	–	–	–	1 (1)	–	–	–
5	–	–	–	–	–	–	–	–	–
6	–	–	–	–	–	–	–	–	–
Untypable	–	–	–	–	–	–	–	–	–
＊*Salmonella* serovars									
O4 Typhimurium	2	1	1	1	1	–	–	–	–
O4 Haifa	–	–	–	–	–	–	–	1	–
O4 Saintpaul	–	–	–	–	–	–	–	1	–
O4 Agona	–	–	–	–	–	–	–	–	–
O4 Derby	–	–	–	–	–	–	–	–	1
O4 Heidelberg	–	–	–	–	–	1	–	–	–
O4 I 4:i:–	–	–	–	–	–	–	–	–	–
O4 Paratyphi B	–	–	–	–	–	–	–	–	–
O7 Infantis	–	–	1	2	–	–	–	–	16
O7 Virchow	–	–	–	–	–	–	1	1	1
O7 Montevideo	1	–	1	2	1	–	–	–	–
O7 Thompson	–	–	1	–	–	–	–	–	1
O7 Bareilly	–	–	–	–	–	–	–	–	–
O7 Mikawasima	–	–	–	–	–	–	–	–	–
O7 Tennessee	–	–	–	–	–	–	–	–	–
O8 Corvallis	–	–	–	–	–	1	–	–	1
O8 Nagoya	–	–	–	–	–	1	–	–	–
O8 Kottbus	–	–	–	–	–	–	–	–	–
O8 Litchfield	–	–	–	–	–	–	–	–	–
O9 Enteritidis	3	2	3	3	3 (1)	1	–	6	14
O3,10 Weltevreden	1	–	–	–	–	–	–	–	–
O13 Havana	–	–	–	–	–	–	–	–	–
O16 Hvittingfoss	–	–	–	–	–	–	–	–	–

III-3.-Continued-6

( ) : Imported cases included in the total

	TOTAL	AGE GROUP (AGE IN YEARS) 0–4	5–9	10–14	15–19	20–24	25–29	30–34
＊ *Vibrio parahaemolyticus* serortypes								
K6	3	–	–	–	–	–	1	–
O3:K6	6	–	–	–	–	1	–	–
O4:K9	1	–	–	–	–	–	–	–
＊ *Campylobacter jejuni* serotypes								
Penner A	1	–	–	–	–	–	1	–
Penner B	12	2	4	2	3	1	–	–
Penner C	26	15	6	–	–	–	3	–
Penner D	1	–	–	–	1	–	–	–
Penner G	1	1	–	–	–	–	–	–
Penner O	2	–	–	–	1	–	–	–
Penner Y	6	5	–	–	–	–	–	–
Penner Z6	1	1	–	–	–	–	–	–
＊ *Staphylococcus aureus* coagulase types								
Ⅰ	3	2	–	1	–	–	–	–
Ⅱ	22	18	3	–	–	–	1	–
Ⅲ	3	1	–	2	–	–	–	–
Ⅳ	6	3	2	–	–	–	–	–
Ⅴ	3	1	2	–	–	–	–	–
Ⅵ	1	1	–	–	–	–	–	–
Ⅶ	6	2	1	3	–	–	–	–
Ⅷ	3	1	–	1	–	–	–	–
Untypable	1	1	–	–	–	–	–	–
＊ *Streptococcus pyogenes* T serotypes								
T1	46	12	23	6	–	–	–	–
T2	2	–	2	–	–	–	–	–
T3	20	7	9	1	–	–	–	–
T4	133	49	72	8	–	–	1	–
T6	5	2	3	–	–	–	–	–
T8	1	–	1	–	–	–	–	–
T11	6	–	6	–	–	–	–	–
T12	216	62	127	16	1	–	–	1
T13	2	2	–	–	–	–	–	–
T22	1	1	–	–	–	–	–	–
T25	13	5	5	1	–	–	–	–
T28	36	10	19	4	–	1	1	1
TB3264	22	4	7	7	2	–	–	–
Untypable	41	6	26	3	–	–	–	2
＊ *Legionella pneumophila* serogroups								
1	7	–	–	–	–	–	–	–
4	1	–	–	–	–	–	–	–
＊ *Neisseria meningitidis* serogroup								
Group B	1	–	–	–	1	–	–	–
＊ *Enterococcus faecium* genotypes								
vanA	3	–	–	–	–	–	–	–
vanB	1	–	–	–	–	–	–	–

III-3.-Continued-7

( ) : Imported cases included in the total

	AGE GROUP (AGE IN YEARS)								
	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-	UNKNOWN
＊ *Vibrio parahaemolyticus* serortypes									
K6	-	-	-	-	-	-	-	-	2
O3:K6	-	-	-	1	1	-	-	1	2
O4:K9	-	-	-	-	-	-	-	-	1
＊ *Campylobacter jejuni* serotypes									
Penner A	-	-	-	-	-	-	-	-	-
Penner B	-	-	-	-	-	-	-	-	-
Penner C	-	-	1	1	-	-	-	-	-
Penner D	-	-	-	-	-	-	-	-	-
Penner G	-	-	-	-	-	-	-	-	-
Penner O	-	-	-	-	1	-	-	-	-
Penner Y	-	-	-	-	-	-	-	-	1
Penner Z6	-	-	-	-	-	-	-	-	-
＊ *Staphylococcus aureus* coagulase types									
Ⅰ	-	-	-	-	-	-	-	-	-
Ⅱ	-	-	-	-	-	-	-	-	-
Ⅲ	-	-	-	-	-	-	-	-	-
Ⅳ	1	-	-	-	-	-	-	-	-
Ⅴ	-	-	-	-	-	-	-	-	-
Ⅵ	-	-	-	-	-	-	-	-	-
Ⅶ	-	-	-	-	-	-	-	-	-
Ⅷ	1	-	-	-	-	-	-	-	-
Untypable	-	-	-	-	-	-	-	-	-
＊ *Streptococcus pyogenes* T serotypes									
T1	-	-	-	-	-	1	-	-	4
T2	-	-	-	-	-	-	-	-	-
T3	-	-	-	-	-	-	-	-	3
T4	1	-	-	-	-	-	-	-	2
T6	-	-	-	-	-	-	-	-	-
T8	-	-	-	-	-	-	-	-	-
T11	-	-	-	-	-	-	-	-	-
T12	1	-	-	1	-	-	-	-	7
T13	-	-	-	-	-	-	-	-	-
T22	-	-	-	-	-	-	-	-	-
T25	2	-	-	-	-	-	-	-	-
T28	-	-	-	-	-	-	-	-	-
TB3264	-	1	-	1	-	-	-	-	-
Untypable	2	-	1	-	-	-	-	1	-
＊ *Legionella pneumophila* serogroups									
1	-	-	1	1	1	-	1	3	-
4	-	-	-	-	-	-	-	1	-
＊ *Neisseria meningitidis* serogroup									
Group B	-	-	-	-	-	-	-	-	-
＊ *Enterococcus faecium* genotypes									
vanA	-	-	-	-	-	-	-	3	-
vanB	1	-	-	-	-	-	-	-	-

Table IV. Outbreak reports of bacteria isolation from human sources, Japan, 2004
IV-1. By month, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
TOTAL	267	4	5	14	8	17	27	53	83	26	15	9	6
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	34	–	–	1	1	3	7	5	8	3	2	2	2
Enterotoxigenic *Escherichia coli* (ETEC)*	18	–	–	–	–	1	–	9	4	1	2	–	1
Enteropathogenic *Escherichia coli* serotype (EPEC)*	2	–	–	–	–	1	–	–	1	–	–	–	–
Other diarrhegenic *Escherichia coli**	3	–	–	–	–	–	1	1	–	1	–	–	–
Salmonella O4*	3	–	–	1	–	–	–	–	1	–	1	–	–
Salmonella O7*	5	–	–	1	–	–	–	2	2	–	–	–	–
Salmonella O8*	2	–	–	–	–	1	–	1	–	–	–	–	–
Salmonella O9*	23	1	1	1	1	–	1	5	6	4	2	–	1
Vibrio cholerae non-O1&O139	1	–	–	–	–	–	–	–	1	–	–	–	–
*Vibrio parahaemolyticus**	67	–	–	–	–	–	–	18	44	4	1	–	–
Vibrio fluvialis	2	–	–	–	–	–	–	–	2	–	–	–	–
Vibrio furnissii	1	–	–	–	–	–	–	–	1	–	–	–	–
Plesiomonas shigelloides	2	–	–	–	–	–	–	2	–	–	–	–	–
*Campylobacter jejuni**	58	–	2	5	5	8	13	5	4	7	4	4	1
Campylobacter coli	1	–	–	–	–	–	–	–	–	1	–	–	–
*Staphylococcus aureus**	18	1	1	1	–	1	2	4	3	–	1	3	1
*Clostridium perfringens**	13	2	1	4	1	–	–	–	3	1	1	–	–
Bacirus cereus	9	–	–	–	–	1	1	1	2	3	1	–	–
Shigella flexneri 2a	2	–	–	–	–	–	2	–	–	–	–	–	–
Shigella sonnei	2	–	–	–	–	1	–	–	1	–	–	–	–
Cryptosporidium parvum	1	–	–	–	–	–	–	–	–	1	–	–	–
* EHEC/VTEC serotypes & VT types													
O157:H7 VT2	6	–	–	–	–	2	–	–	3	–	1	–	–
O157:H7 VT1&VT2	7	–	–	1	1	–	2	1	–	–	–	1	1
O157:HNT VT1&VT2	2	–	–	–	–	–	1	–	–	1	–	–	–
O26:H11 VT1	9	–	–	–	–	1	1	2	4	1	–	–	–
O26:H- VT1	1	–	–	–	–	–	–	–	–	–	–	1	–
O26:HNT VT1	1	–	–	–	–	–	–	–	1	–	–	–	–
O26:HNT VT1&VT2	1	–	–	–	–	–	–	–	–	–	–	–	1
O111:H- VT1&VT2	1	–	–	–	–	–	–	1	–	–	–	–	–
O111:HNT VT1&VT2	2	–	–	–	–	–	–	1	–	–	1	–	–
O121:H19 VT2	1	–	–	–	–	–	1	–	–	–	–	–	–
OUT:H- VT1	1	–	–	–	–	–	–	–	–	1	–	–	–
OUT:HNT VT1	2	–	–	–	–	–	2	–	–	–	–	–	–
NT: Not typed, UT: Untypable, H-: non-motile													
* ETEC serotypes													
O6	3	–	–	–	–	–	–	1	1	–	1	–	–
O15	3	–	–	–	–	1	–	1	1	–	–	–	–
O25	4	–	–	–	–	–	–	2	–	–	1	–	1
O27	1	–	–	–	–	–	–	1	–	–	–	–	–
O159	1	–	–	–	–	–	–	1	–	–	–	–	–
O169	5	–	–	–	–	–	–	2	2	1	–	–	–
* EPEC serotypes													
O26	1	–	–	–	–	1	–	–	–	–	–	–	–
O115	1	–	–	–	–	–	–	–	1	–	–	–	–
* Other diarrhegenic *Escherichia coli* serotype													
O126	1	–	–	–	–	–	–	1	–	–	–	–	–
* *Salmonella* serovars													
O4 Typhimurium	2	–	–	1	–	–	–	–	–	–	1	–	–
O4 Paratyphi B	1	–	–	–	–	–	–	–	1	–	–	–	–
O7 Infantis	2	–	–	–	–	–	–	1	1	–	–	–	–
O7 Thompson	1	–	–	–	–	–	–	–	1	–	–	–	–
O7 Montevideo	1	–	–	1	–	–	–	–	–	–	–	–	–
O7 Virchow	1	–	–	–	–	–	–	1	–	–	–	–	–
O8 Hadar	1	–	–	–	–	1	–	–	–	–	–	–	–
O8 Pakistan	1	–	–	–	–	–	–	1	–	–	–	–	–
O9 Enteritidis	23	1	1	1	1	–	1	5	6	4	2	–	1
* *Vibrio parahaemolyticus* serotypes													
K6	2	–	–	–	–	–	–	1	1	–	–	–	–
O1:K25	5	–	–	–	–	–	–	2	3	–	–	–	–
O3:K6	40	–	–	–	–	–	–	11	26	2	1	–	–
O3:K54	1	–	–	–	–	–	–	–	1	–	–	–	–
O4:K8	1	–	–	–	–	–	–	1	–	–	–	–	–
O4:K55	3	–	–	–	–	–	–	1	2	–	–	–	–
O4:K68	1	–	–	–	–	–	–	–	1	–	–	–	–
O8:K41	1	–	–	–	–	–	–	–	1	–	–	–	–
O9:K44	1	–	–	–	–	–	–	–	1	–	–	–	–
* *Campylobacter jejuni* serotypes													
LIO4	1	–	–	–	–	–	1	–	–	–	–	–	–
LIO7	1	–	–	–	–	–	–	–	–	1	–	–	–
LIO11	1	–	–	–	–	1	–	–	–	–	–	–	–
LIO33	1	–	–	1	–	–	–	–	–	–	–	–	–
LIO50	2	–	–	–	1	–	–	–	–	1	–	–	–
TCK12	2	–	–	–	–	–	–	–	–	2	–	–	–
TCK13	1	–	–	–	–	–	1	–	–	–	–	–	–
TCK26	2	–	–	–	–	1	–	1	–	–	–	–	–
Penner A	1	–	–	–	–	–	–	1	–	–	–	–	–
Penner B	1	–	–	–	1	–	–	–	–	–	–	–	–
Penner C	1	–	–	–	–	–	–	–	–	–	–	1	–
Penner D	2	–	–	–	–	1	1	–	–	–	–	–	–
Penner E	1	–	–	–	–	–	–	–	–	–	–	–	1
Penner J	1	–	–	–	–	–	–	–	–	–	1	–	–
Penner U	1	–	–	1	–	–	–	–	–	–	–	–	–
Penner Y	2	–	–	–	1	–	–	–	–	1	–	–	–
* *Staphylococcus aureus* coagulase types													
IV	3	–	–	–	–	–	–	1	1	–	1	–	–
V	1	–	–	–	–	–	–	–	–	–	–	–	1
VII	5	–	–	–	–	–	–	3	–	–	–	2	–
* *Clostridium perfringens* serotypes													
Hobbs1	1	–	–	–	–	–	–	–	1	–	–	–	–
Hobbs3	1	1	–	–	–	–	–	–	–	–	–	–	–
Hobbs5	1	–	–	–	–	–	–	–	–	1	–	–	–
Hobbs6	1	–	1	–	–	–	–	–	–	–	–	–	–
Hobbs12	1	1	–	–	–	–	–	–	–	–	–	–	–

IV-2. Category II, III and V notifiable disease under the National Epidemiological Surveillance of Infectious Diseases, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007

PATHOGENIC AGENT		REPROTED BY	PERIOD	SUSPECTED ROUTE OF INFECTION	PLACE OF EATING FOOD OR ACQUIRING INFECTION	PATIENTS	CONSUMER	POSITIVE CASES /EXAMINED	SECONDARY INFECTION
Caregory II disease: Shigellosis									
Shigella flexneri 2a		Shimane P.	Jun.-23	Unknown		3	5	3 / 11	
Shigella flexneri 2a		Hiroshima C.	Jun. 8-9	Unknown	Chaina	8	43	8 / ?	
Shigella sonnei		Tochigi P.	May 6-19	Foodborne	Restaurant	14	2082	4 / 315	
Shigella sonnei		Sapporo C.	Aug. 13-14	Unknown	Chaina	7	18	4 / 7	
Category III disease: EHEC infection									
EHEC O157:H7	VT1&VT2	Osaka P.	Mar. 24	Foodborne	Business place	11	91	4 / ?	
EHEC O157:H7	VT1&VT2	Mie P.	Apr. 13-22	Unknown	Welfare facility	6		7 / ?	
EHEC O157:H7	VT2	Okinawa P.	May 24-Jun. 3	Person to person				8 / ?	
EHEC O26:H11	VT1	Ehime P.	May 27-Jun. 29	Person to person	Kindergarten	38		38 / ?	
EHEC O157:H7	VT2	Fukuoka C.	May 31-Jun. 1	Foodborne	Home	1	4	2 / 97	
EHEC O121:H19	VT2	Chiba C.	Jun. 12-16	Unknown		43	110	17 / 121	
O157:H7	VT1&VT2							2 / 121	
EHEC O157:HNT	VT1&VT2	Fukuoka C.	Jun. 26-29	Unknown		4	5	4 / 5	
EHEC O26:H11	VT1	Hyogo P.	Jun. 27	Unknown	Nursery school	2		14 / ?	Yes
EHEC OUT:HNT	VT1	Fukuoka C.	Jun. 27-28	Foodborne		2	4	2 / 4	
EHEC OUT:HNT	VT1	Fukuoka C.	Jun. 27-Jul. 15	Unknown		2	4	2 / 4	
EHEC O157:H7	VT1&VT2	Saga P.	Jun. 30-Jul. 9	Person to person	Nursery school	6		9 / 10	
EHEC O26:H11	VT1	Miyagi P.	Jul.	Person to person	Nursery school			12 / 119	
EHEC O111:H-	VT1&VT2	Ishikawa P.	Jul. 4	Foodborne	Korea		378	103 / 378	Yes
EHEC O111:HNT	VT1&VT2	Fukuoka C.	Jul. 15-15	Unknown		1	5	2 / 5	
EHEC O157:H7	VT1&VT2	Tokyo M.	Jul. 29-Aug. 6	Unknown	Welfare facility for the aged	19		10 / 147	
EHEC O26:H11	VT1	Sendai C.	Jul. 30-Aug. 26	Person to person	Nursery school	7		23 / 188	
EHEC O26:H11	VT1	Miyagi P.	Aug.	Person to person	Nursery school			6 / 37	
EHEC O26:H11	VT1	Miyagi P.	Aug.	Person to person	Nursery school			5 / 116	
EHEC O157:H7	VT2	Kanagawa P.	Aug. 4	Unknown				17 / 504	
EHEC O26:H11	VT1	Ehime P.	Aug. 4-Sep. 3	Person to person	Nursery school	15		15 / ?	
EHEC O26:H11	VT1	Saga P.	Aug. 5-10	Person to person	Nursery school	1		7 / 7	
EHEC O157:H7	VT2	Mie P.	Aug. 7-17	Person to person	Nursery school	18		23 / 278	
EHEC O157:H7	VT2	Saga P.	Aug. 16-19	Person to person	Nursery school	1		4 / 4	
EHEC O26:HNT	VT1	Nagano P.	Aug. 23-30	Unknown	Nursery school			4 / 117	
EHEC OUT:H-	VT1	Miyagi P.	Sep.	Person to person	Nursery school			10 / 236	
EHEC O26:H11	VT1	Fukushima P.	Sep. 1-18	Unknown	Nursery school			15 / 146	Yes
EHEC O157:HNT	VT1&VT2	Fukuoka C.	Sep. 21-27	Unknown		3		3 / 99	
EHEC O157:H7	VT2	Osaka P.	Oct. 14	Foodborne	Restaurant	4	13	4 / ?	
EHEC O111:HNT	VT1&VT2	Fukushima P.	Oct. 30-Nov. 27	Unknown		12		26 / 1105	Yes
EHEC O157:H7	VT1&VT2	Ehime P.	Nov. 6	Foodborne	Restaurant	3	8	2 / ?	
EHEC O26:H-	VT1	Shimane P.	Nov. 15-Dec.	Unknown	Nursery school	6		14 / 82	Yes
EHEC O26:HNT	VT1&VT2	Fukushima P.	Dec. 1-10	Unknown		2		3 / 112	Yes
EHEC O157:H7	VT1&VT2	Tokushima P.	Dec. 14-19	Foodborne	Restaurant	3	498	4 / 4	
Category V disease: Cryptosporidiosis									
Cryptosporidium parvum		Chiba C.	Sep. 1-8	Unknown				30 / 32	Yes

*P. : Prefectural public health institute
C. : Municipal public health institute
M. : Metropolitan public health institute

Table V. Isolation of bacteria from food, Japan, 2004
V-1. By month, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
TOTAL	97	2	8	2	2	2	11	11	19	16	6	6	12
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	2	–	–	–	–	–	–	1	1	–	–	–	–
Other diarrhegenic *Escherichia coli*	1	–	–	–	–	–	–	–	1	–	–	–	–
Salmonella O4*	1	–	–	–	–	–	–	–	–	–	–	1	–
Salmonella O7*	14	–	–	1	–	1	4	–	–	3	1	2	2
Salmonella O8*	2	–	–	–	–	–	–	–	–	2	–	–	–
Salmonella O9*	1	1	–	–	–	–	–	–	–	–	–	–	–
Vibrio cholerae non-O1&O139	3	–	1	–	–	–	–	–	–	2	–	–	–
*Vibrio parahaemolyticus**	20	1	1	–	–	–	1	5	9	1	–	–	2
Vibrio fluvialis	2	–	1	–	–	–	–	–	–	1	–	–	–
Vibrio mimicus	2	–	1	–	–	–	–	–	–	1	–	–	–
Aeromonas hydrophila	2	–	1	–	–	–	–	–	–	1	–	–	–
Aeromonas sobria	2	–	1	–	–	–	–	–	–	1	–	–	–
Aeromonas caviae	2	–	1	–	–	–	–	–	–	1	–	–	–
*Campylobacter jejuni**	8	–	1	1	–	–	3	1	–	–	–	1	1
Campylobacter coli	2	–	–	–	–	–	–	–	–	–	–	1	1
*Staphylococcus aureus**	23	–	–	–	–	1	3	4	5	2	3	1	4
*Clostridium perfringens**	3	–	–	–	2	–	–	–	–	–	–	–	1
Bacillus cereus	6	–	–	–	–	–	–	–	3	1	2	–	–
Bacillus thuringiensis	1	–	–	–	–	–	–	–	–	–	–	–	1

This is not the number of positive specimens but the number of reports. Some reports include more than two positive specimens.
Reported from following institutes: 091, 122, 141, 151, 152, 171, 251, 281, 302, 441 (refer to code number in pages 4-5)

* EHEC/VTEC serotypes & VT types													
O157:H7 VT2	2	–	–	–	–	–	–	1	1	–	–	–	–

* *Salmonella* serovars													
O4 Typhimurium	1	–	–	–	–	–	–	–	–	–	–	1	–
O7 Infantis	12	–	–	1	–	1	3	–	–	3	1	1	2
O8 Corvallis	1	–	–	–	–	–	–	–	–	1	–	–	–
O9 Enteritidis	1	1	–	–	–	–	–	–	–	–	–	–	–

* *Vibrio parahaemolyticus* serotypes													
KUT	1	–	–	–	–	–	–	–	1	–	–	–	–
O1:K25	1	–	–	–	–	–	–	–	1	–	–	–	–
O3:K5	1	–	–	–	–	–	1	–	–	–	–	–	–
O3:K6	1	–	–	–	–	–	–	–	1	–	–	–	–
O4:K11	1	–	–	–	–	–	–	–	1	–	–	–	–

* *Campylobacter jejuni* serotypes													
Penner A	1	–	–	–	–	–	–	–	–	–	–	–	1
Penner Y	1	–	–	1	–	–	–	–	–	–	–	–	–

* *Staphylococcus aureus* coagulase types													
Ⅱ	2	–	–	–	–	–	–	1	–	–	–	–	1
Ⅳ	1	–	–	–	–	–	–	–	–	–	–	–	1
Ⅴ	1	–	–	–	–	–	–	–	–	–	–	–	1
Ⅶ	4	–	–	–	–	–	–	–	2	–	1	–	1

* *Clostridium perfringens* serotypes													
Hobbs13	1	–	–	–	1	–	–	–	–	–	–	–	–
Hobbs untypable	1	–	–	–	1	–	–	–	–	–	–	–	–

V-2. By source of specimens, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007

	TOTAL	CHICKEN	BEEF	OTHER MEATS	HEN'S EGG	RAW OYSTER	RAW FISH AND SHELLFISH	OTHER FRESH FISH AND SHELLFISH	FROZEN FISH AND SHELLFISH	FISH MEAT PASTE (SURIMI)- BASED PRODUCTS	OTHER FISH AND SHELLFISH PRODUCTS	BOXED LUNCH	DELICATESSEN	PREPARED BREAD & SANDWICHES	CONFECTIONERY	OTHER COMPOUND DISH	SUSHI (MAINLY RAW FISH AND SHELLFISH)	KITCHEN/COOKWARE SWAB	HAND & FINGER SWAB	VEGETABLES	TOFU (SOYBEAN CURD)	OTHERS
TOTAL	97	27	2	5	1	6	8	5	14	1	1	2	5	2	5	3	1	4	1	1	2	1
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	2	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other diarrhegenic *Escherichia coli*	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O4*	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O7*	14	13	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O8*	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O9*	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vibrio cholerae non-O1&O139	3	–	–	–	–	–	1	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
*Vibrio parahaemolyticus**	20	–	–	–	–	5	6	5	2	–	1	–	–	–	–	–	–	–	–	–	–	1
Vibrio fluvialis	2	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Vibrio mimicus	2	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Aeromonas hydrophila	2	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Aeromonas sobria	2	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Aeromonas caviae	2	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
*Campylobacter jejuni**	8	8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Campylobacter coli	2	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
*Staphylococcus aureus**	23	1	–	3	–	–	1	–	–	–	–	1	3	2	5	1	1	4	1	–	–	–
*Clostridium perfringens**	3	–	–	–	–	1	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–
Bacillus cereus	6	–	–	–	–	–	–	–	–	1	–	1	2	–	–	–	–	–	–	–	2	–
Bacillus thuringiensis	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–

This is not the number of positive specimens but the number of reports. Some reports include more than two positive specimens.
Reported from following institutes: 091, 122, 141, 151, 152, 171, 251, 281, 302, 441 (refer to code number in pages 4-5)

* EHEC/VTEC serotypes & VT types

O157:H7 VT2	2	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

* *Salmonella* serovars

O4 Typhimurium	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
O7 Infantis	12	11	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
O8 Corvallis	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
O9 Enteritidis	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

* *Vibrio parahaemolyticus* serotypes

KUT	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
O1:K25	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
O3:K5	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
O3:K6	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
O4:K11	1	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

* *Campylobacter jejuni* serotypes

Penner A	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Penner Y	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

* *Staphylococcus aureus* coagulase types

Ⅱ	2	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Ⅳ	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ⅴ	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ⅶ	4	–	–	1	–	–	–	–	–	–	–	1	–	–	2	–	–	–	–	–	–	–

* *Clostridium perfringens* serotypes

Hobbs13	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–
Hobbs untypable	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–

Table VI. Isolation of bacteria from environmental and animal sources, Japan, 2004
VI-1. By month, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
TOTAL	316	5	7	22	10	18	41	53	16	34	49	32	29
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	9	–	–	–	–	–	–	1	–	–	–	–	8
Salmonella O4*	12	–	–	1	–	–	2	2	2	–	1	–	4
Salmonella O7*	8	–	–	1	1	1	3	–	–	–	1	–	1
Salmonella O8*	11	–	–	1	1	1	1	2	–	3	–	–	2
Salmonella O9*	4	–	1	–	–	–	–	1	–	–	1	–	1
Salmonella O3,10*	5	–	–	1	–	–	1	1	–	1	1	–	–
Salmonella O1,3,19*	2	–	–	–	–	–	–	1	–	–	–	–	1
Salmonella O13*	3	–	–	–	–	–	1	1	–	–	–	–	1
Salmonella O18*	1	1	–	–	–	–	–	–	–	–	–	–	–
Salmonella group unknown	3	–	–	–	–	1	1	–	–	–	1	–	–
Vibrio cholerae O1:El Tor, Ogawa, CT(–)	3	–	–	–	–	–	1	1	–	–	–	1	–
Vibrio cholerae O1:El Tor, Inaba, CT(–)	2	–	–	–	–	1	–	1	–	–	–	–	–
Vibrio cholerae non-O1&O139	26	2	2	1	3	1	2	1	3	3	3	2	3
Yersinia pseudotuberculosis	1	1	–	–	–	–	–	–	–	–	–	–	–
Legionella spp.	15	–	–	2	–	1	2	4	–	3	2	1	–
Legionella pneumophila *	196	1	4	15	5	11	26	29	11	23	37	27	7
Legionella bozemanii	3	–	–	–	–	1	1	1	–	–	–	–	–
Legionella micdadei	4	–	–	–	–	–	–	1	–	–	1	1	1
Legionella dumoffii	1	–	–	–	–	–	–	1	–	–	–	–	–
Legionella anisa	3	–	–	–	–	–	–	3	–	–	–	–	–
Legionella birminghamensis	1	–	–	–	–	–	–	–	–	–	1	–	–
Legionella hackeliae	1	–	–	–	–	–	–	–	–	1	–	–	–
Legionella jordanis	1	–	–	–	–	–	–	1	–	–	–	–	–
Legionella oakridgensis	1	–	–	–	–	–	–	1	–	–	–	–	–

This is not the number of positive specimens but the number of reports. Some reports include more than two positive specimens.
Reported from following institutes: 071, 091, 121, 141, 142, 151, 152, 171, 201, 222, 251, 302, 381, 421 (refer to code number in pages 4–5)

* EHEC/VTEC serotypes & VT types													
O157:H7 VT2	1	–	–	–	–	–	–	–	–	–	–	–	1
O157:H7 VT1&VT2	2	–	–	–	–	–	–	1	–	–	–	–	1
O26:H11 VT1	1	–	–	–	–	–	–	–	–	–	–	–	1
O26:H11 VT2	1	–	–	–	–	–	–	–	–	–	–	–	1
O8:HUT	1	–	–	–	–	–	–	–	–	–	–	–	1
O119:H16 VT2	1	–	–	–	–	–	–	–	–	–	–	–	1
O168:H6 VT2	1	–	–	–	–	–	–	–	–	–	–	–	1
OUT:H– VT2	1	–	–	–	–	–	–	–	–	–	–	–	1

UT: Untypable, H–: non-motile

* *Salmonella* serovars													
O4 Agona	3	–	–	–	–	–	1	–	1	–	–	–	1
O4 Typhimurium	3	–	–	–	–	–	–	1	–	–	1	–	1
O4 I 4:i:–	2	–	–	–	–	–	–	1	1	–	–	–	–
O4 Derby	1	–	–	–	–	–	–	–	–	–	–	–	1
O4 Saintpaul	1	–	–	–	–	–	1	–	–	–	–	–	–
O7 Infantis	3	–	–	–	–	–	2	–	–	–	1	–	–
O7 Haelsingborg	1	–	–	1	–	–	–	–	–	–	–	–	–
O7 Oranienburg	1	–	–	–	–	–	1	–	–	–	–	–	–
O7 Thompson	1	–	–	–	1	–	–	–	–	–	–	–	–
O8 Hadar	2	–	–	–	–	–	–	2	–	–	–	–	–
O8 Newport	2	–	–	–	–	–	–	–	–	1	–	–	1
O8 Albany	1	–	–	–	–	–	–	–	–	1	–	–	–
O8 Bovismorbificans	1	–	–	–	1	–	–	–	–	–	–	–	–
O8 Corvallis	1	–	–	–	–	–	–	–	–	–	–	–	1
O8 Haardt	1	–	–	–	–	–	1	–	–	–	–	–	–
O8 Nagoya	1	–	–	–	–	1	–	–	–	–	–	–	–
O9 Enteritidis	2	–	1	–	–	–	–	–	–	–	–	–	1
O9 Itami	1	–	–	–	–	–	–	–	–	–	1	–	–
O3,10 London	2	–	–	–	–	–	–	1	–	–	1	–	–
O3,10 Amager	1	–	–	1	–	–	–	–	–	–	–	–	–
O3,10 Muenster	1	–	–	–	–	–	–	–	–	1	–	–	–
O3,10 Orion	1	–	–	–	–	–	1	–	–	–	–	–	–
O1,3,19 Senftenberg	2	–	–	–	–	–	–	1	–	–	–	–	1
O13 Worthington	1	–	–	–	–	–	1	–	–	–	–	–	–
O18 Cerro	1	1	–	–	–	–	–	–	–	–	–	–	–

* *Legionella pneumophila* serogroups													
1	36	–	–	2	2	–	6	9	–	5	6	4	2
2	5	–	–	–	–	–	–	–	1	1	1	2	–
3	23	–	–	3	–	2	4	2	–	4	4	4	–
4	13	–	1	2	–	1	2	–	1	1	3	1	1
5	37	1	2	2	1	4	4	4	4	3	7	5	–
6	33	–	1	2	1	2	3	3	3	4	7	5	2
7	3	–	–	–	–	–	–	3	–	–	–	–	–
8	3	–	–	–	–	–	2	–	–	–	1	–	–
9	7	–	–	–	1	–	–	1	–	–	1	3	1
10	4	–	–	1	–	–	–	–	–	1	1	1	–
12	2	–	–	2	–	–	–	–	–	–	–	–	–
13	1	–	–	–	–	–	–	1	–	–	–	–	–
15	1	–	–	–	–	–	1	–	–	–	–	–	–
Untypable	4	–	–	1	–	–	–	–	–	–	2	1	–

VI-2. By source of specimens, 2004
-Prefectural and municipal public health institutes

Based on the data received before October 2, 2007

	TOTAL	RIVER WATER	WELL WATER	COOLING TOWER WATER	BATH WATER	HOT SPRING WATER	SWIMMING POOL WATER	MUD OF RIVER BED	OTHER ENVIRONMENTAL SOURCES	CATTLE	OTHER ANIMAL
TOTAL	316	76	1	39	173	8	4	4	2	8	1
Verotoxin-producing *Escherichia coli* (EHEC/VTEC)*	9	–	1	–	–	–	–	–	–	8	–
Salmonella O4*	12	12	–	–	–	–	–	–	–	–	–
Salmonella O7*	8	8	–	–	–	–	–	–	–	–	–
Salmonella O8*	11	11	–	–	–	–	–	–	–	–	–
Salmonella O9*	4	4	–	–	–	–	–	–	–	–	–
Salmonella O3,10*	5	5	–	–	–	–	–	–	–	–	–
Salmonella O1,3,19*	2	2	–	–	–	–	–	–	–	–	–
Salmonella O13*	3	3	–	–	–	–	–	–	–	–	–
Salmonella O18*	1	1	–	–	–	–	–	–	–	–	–
Salmonella group unknown	3	3	–	–	–	–	–	–	–	–	–
Vibrio cholerae O1:El Tor, Ogawa, CT(–)	3	3	–	–	–	–	–	–	–	–	–
Vibrio cholerae O1:El Tor, Inaba, CT(–)	2	2	–	–	–	–	–	–	–	–	–
Vibrio cholerae non-O1&O139	26	22	–	–	–	–	–	4	–	–	–
Yersinia pseudotuberculosis	1	–	–	–	–	–	–	–	–	–	1
Legionella spp.	15	–	–	3	11	1	–	–	–	–	–
*Legionella pneumophila**	196	–	–	28	155	7	4	–	2	–	–
Legionella bozemanii	3	–	–	1	2	–	–	–	–	–	–
Legionella micdadei	4	–	–	1	3	–	–	–	–	–	–
Legionella dumoffii	1	–	–	1	–	–	–	–	–	–	–
Legionella anisa	3	–	–	3	–	–	–	–	–	–	–
Legionella birminghamensis	1	–	–	–	1	–	–	–	–	–	–
Legionella hackeliae	1	–	–	1	–	–	–	–	–	–	–
Legionella jordanis	1	–	–	1	–	–	–	–	–	–	–
Legionella oakridgensis	1	–	–	–	1	–	–	–	–	–	–

This is not the number of positive specimens but the number of reports. Some reports include more than two positive specimens.
Reported from following institutes: 071, 091, 121, 141, 142, 151, 152, 171, 201, 222, 251, 302, 381, 421 (refer to code number in pages 4-5)

* EHEC/VTEC serotypes & VT types

O157:H7 VT2	1	–	–	–	–	–	–	–	–	1	–
O157:H7 VT1&VT2	2	–	1	–	–	–	–	–	–	1	–
O26:H11 VT1	1	–	–	–	–	–	–	–	–	1	–
O26:H11 VT2	1	–	–	–	–	–	–	–	–	1	–
O8:HUT	1	–	–	–	–	–	–	–	–	1	–
O119:H16 VT2	1	–	–	–	–	–	–	–	–	1	–
O168:H6 VT2	1	–	–	–	–	–	–	–	–	1	–
OUT:H- VT2	1	–	–	–	–	–	–	–	–	1	–

UT: Untypable, H-: non-motile

* *Salmonella* serovars

O4 Agona	3	3	–	–	–	–	–	–	–	–	–
O4 Typhimurium	3	3	–	–	–	–	–	–	–	–	–
O4 I 4:i:-	2	2	–	–	–	–	–	–	–	–	–
O4 Derby	1	1	–	–	–	–	–	–	–	–	–
O4 Saintpaul	1	1	–	–	–	–	–	–	–	–	–
O7 Infantis	3	3	–	–	–	–	–	–	–	–	–
O7 Haelsingborg	1	1	–	–	–	–	–	–	–	–	–
O7 Oranienburg	1	1	–	–	–	–	–	–	–	–	–
O7 Thompson	1	1	–	–	–	–	–	–	–	–	–
O8 Hadar	2	2	–	–	–	–	–	–	–	–	–
O8 Newport	2	2	–	–	–	–	–	–	–	–	–
O8 Albany	1	1	–	–	–	–	–	–	–	–	–
O8 Bovismorbificans	1	1	–	–	–	–	–	–	–	–	–
O8 Corvallis	1	1	–	–	–	–	–	–	–	–	–
O8 Haardt	1	1	–	–	–	–	–	–	–	–	–
O8 Nagoya	1	1	–	–	–	–	–	–	–	–	–
O9 Enteritidis	2	2	–	–	–	–	–	–	–	–	–
O9 Itami	1	1	–	–	–	–	–	–	–	–	–
O3,10 London	2	2	–	–	–	–	–	–	–	–	–
O3,10 Amager	1	1	–	–	–	–	–	–	–	–	–
O3,10 Muenster	1	1	–	–	–	–	–	–	–	–	–
O3,10 Orion	1	1	–	–	–	–	–	–	–	–	–
O1,3,19 Senftenberg	2	2	–	–	–	–	–	–	–	–	–
O13 Worthington	1	1	–	–	–	–	–	–	–	–	–
O18 Cerro	1	1	–	–	–	–	–	–	–	–	–

* *Legionella pneumophila* serogroups

1	36	–	–	9	25	1	–	–	1	–	–
2	5	–	–	–	4	–	1	–	–	–	–
3	23	–	–	3	18	1	1	–	–	–	–
4	13	–	–	–	11	2	–	–	–	–	–
5	37	–	–	–	36	–	–	–	1	–	–
6	33	–	–	4	26	1	2	–	–	–	–
7	3	–	–	3	–	–	–	–	–	–	–
8	3	–	–	–	3	–	–	–	–	–	–
9	7	–	–	1	5	1	–	–	–	–	–
10	4	–	–	–	3	1	–	–	–	–	–
12	2	–	–	–	2	–	–	–	–	–	–
13	1	–	–	1	–	–	–	–	–	–	–
15	1	–	–	–	1	–	–	–	–	–	–
Untypable	4	–	–	–	4	–	–	–	–	–	–

Reports from quarantine stations

Table VII. Individual reports of bacteria isolation from human sources, Japan, 2004
VII-1. By month, 2004
-Quarantine stations

Based on the data received before October 2, 2007
Imported cases

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
TOTAL	2485	161	155	207	103	209	149	235	377	399	163	183	144
Escherichia coli	16	2	2	2	1	2	–	–	2	–	1	1	3
Shigella													
Shigella dysenteriae	4	–	–	–	–	1	–	–	1	2	–	–	–
Shigella flexneri	18	2	–	–	–	3	2	–	3	4	3	1	–
Shigella boydii	8	2	1	–	1	–	–	1	–	–	–	–	3
Shigella sonnei	162	10	14	20	10	19	6	12	23	19	15	6	8
Salmonella													
Salmonella O2	1	–	1	–	–	–	–	–	–	–	–	–	–
Salmonella O4	19	4	–	–	–	3	1	2	4	1	–	3	1
Salmonella O7	26	3	–	3	2	2	1	2	3	4	–	3	3
Salmonella O8	13	1	–	–	2	2	1	2	–	2	1	–	2
Salmonella O9	25	2	1	1	6	1	1	2	2	5	2	2	–
Salmonella O3,10	11	1	–	–	1	2	–	1	1	2	2	1	–
Salmonella O1,3,19	3	1	1	–	–	1	–	–	–	–	–	–	–
Salmonella O13	4	2	–	–	1	–	1	–	–	–	–	–	–
Salmonella O16	2	–	–	–	–	–	–	–	–	–	–	2	–
Salmonella O18	2	–	–	–	–	–	–	–	–	2	–	–	–
Salmonella group unknown	3	–	–	–	–	–	–	–	–	2	–	1	–
Vibrio cholerae O1:El Tor,Ogawa,CT(+)	16	–	–	–	–	–	6	2	3	4	1	–	–
Vibrio cholerae O1:El Tor,Ogawa,CT(−)	5	–	2	–	–	–	–	–	–	1	2	–	–
Vibrio cholerae O1:El Tor,Inaba,CT(+)	1	1	–	–	–	–	–	–	–	–	–	–	–
Vibrio cholerae non-O1&O139	118	7	7	9	3	13	3	14	24	20	2	9	7
Vibrio parahaemolyticus	551	32	28	34	20	47	42	50	95	92	39	47	25
Vibrio fluvialis	40	2	1	–	2	1	5	3	8	8	4	5	1
Vibrio mimicus	10	1	–	–	–	3	–	1	1	1	2	–	1
Vibrio furnissii	5	–	1	–	–	–	1	–	–	2	1	–	–
Vibrio alginolyticus	7	1	1	1	–	–	–	1	1	1	1	–	–
Aeromonas hydrophila	50	1	5	3	1	1	4	5	5	8	3	10	4
Aeromonas sobria	109	7	7	11	1	10	11	9	13	17	8	8	7
Aeromonas caviae	6	–	–	2	–	–	–	2	–	–	–	–	2
Plesiomonas shigelloides	1247	79	83	120	52	98	64	126	188	202	75	83	77
Plasmodium falciparum	3	–	–	1	–	–	–	–	–	–	1	1	–
Dengue virus not typed	5	–	–	–	–	–	–	–	1	1	2	1	–
Dengue virus 2	2	–	–	–	1	–	–	–	–	–	1	–	–
Escherichia coli categorized by pathogenicity													
Enteroinvasive *E. coli* (EIEC)	10	1	2	–	–	2	–	–	1	–	1	–	3
Enteropathogenic *E. coli* serotype (EPEC)	6	1	–	2	1	–	–	–	1	–	–	1	–
Shigella serovars													
Shigella dysenteriae 2	1	–	–	–	–	1	–	–	–	–	–	–	–
Shigella dysenteriae 4	1	–	–	–	–	–	–	–	–	1	–	–	–
Shigella dysenteriae 12	2	–	–	–	–	–	–	–	1	1	–	–	–
Shigella flexneri 1b	1	–	–	–	–	–	1	–	–	–	–	–	–
Shigella flexneri 2a	6	–	–	–	–	1	–	–	1	2	1	1	–
Shigella flexneri 3a	7	1	–	–	–	–	1	–	2	1	2	–	–
Shigella flexneri 3b	1	1	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 4	1	–	–	–	–	1	–	–	–	–	–	–	–
Shigella flexneri 6	2	–	–	–	–	1	–	–	–	1	–	–	–
Shigella boydii 1	1	–	–	–	–	–	–	–	–	–	–	–	1
Shigella boydii 2	1	–	–	–	1	–	–	–	–	–	–	–	–
Shigella boydii 4	1	–	–	–	–	–	–	–	–	–	–	–	1
Shigella boydii 8	3	2	1	–	–	–	–	–	–	–	–	–	–
Shigella boydii 10	1	–	–	–	–	–	–	–	–	–	–	–	1
Shigella boydii 18	1	–	–	–	–	–	–	1	–	–	–	–	–
Shigella sonnei	162	10	14	20	10	19	6	12	23	19	15	6	8

VII-2. By suspected country/area of infection, 2004
-Quarantine stations

Based on the data received before October 2, 2007
Imported cases

	NUMBER OF CASES	AFGHANISTAN	BAHRAIN	BANGLADESH	BHUTAN	BRUNEI	CAMBODIA	CHINA	HONG KONG	INDIA	INDONESIA	IRAN	JORDAN	KOREA	LAOS	LEBANON	MALAYSIA	MALDIVES	MONGOLIA	MYANMAR	NEPAL	PAKISTAN	PHILIPPINES	SINGAPORE	SRI LANKA	SYRIA	TAIWAN	THAILAND	TURKEY	U.A.E.	VIET NAM	BURKINA FASO	EGYPT	GAMBIA	GHANA
TOTAL	2485	1	1	8	1	1	308	106	33	170	393	2	1	12	27	1	32	1	1	37	40	6	147	68	3	2	24	1029	2	10	451	1	12	1	1
Escherichia coli	16	–	–	–	–	–	2	1	–	–	3	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	4	–	–	6	–	–	–	–
Shigella																																			
Shigella dysenteriae	4	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Shigella flexneri	18	1	–	–	–	–	1	–	–	7	1	–	–	1	–	–	1	–	–	1	2	–	2	2	–	–	–	4	–	1	1	–	1	–	–
Shigella boydii	8	–	–	–	–	–	–	–	–	6	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–
Shigella sonnei	162	–	–	–	–	–	14	8	2	55	30	2	–	–	1	–	2	1	1	3	14	2	3	4	–	1	1	21	1	5	20	–	3	1	–
Salmonella																																			
Salmonella O2	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O4	19	–	–	–	–	–	–	–	1	–	–	–	–	–	2	–	3	–	–	1	–	–	1	2	1	–	–	12	–	–	2	–	1	–	–
Salmonella O7	26	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	1	–	–	–	–	–	1	–	–	–	–	17	–	–	3	–	1	–	–
Salmonella O8	13	–	–	–	–	–	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8	–	–	2	–	–	–	–
Salmonella O9	25	–	–	–	–	–	–	1	–	–	5	–	–	–	–	–	5	–	–	–	–	–	2	2	–	–	2	3	–	–	–	–	–	–	–
Salmonella O3,10	11	–	–	–	–	–	–	–	–	–	4	–	–	–	–	–	–	–	–	–	–	–	2	–	–	–	1	5	–	–	1	–	–	–	–
Salmonella O1,3,19	3	–	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Salmonella O13	4	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	1	–	–	–	–
Salmonella O16	2	–	–	–	–	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–
Salmonella O18	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	1	–	–	–	–
*Salmonell*a group unknown	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	2	–	–	–	–
Vibrio cholerae O1:El Tor,Ogawa,CT(+)	16	–	–	–	–	–	–	2	–	11	–	–	–	–	–	–	–	–	–	–	1	–	5	–	–	–	–	1	–	–	–	–	–	–	–
Vibrio cholerae O1:El Tor,Ogawa,CT(–)	5	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	3	–	–	–	–	–	–	–
Vibrio cholerae O1:El Tor,Inaba,CT(+)	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Vibrio cholerae non-O1&O139	118	–	–	–	–	–	7	4	3	14	13	–	–	1	3	–	–	–	–	4	2	1	6	–	–	–	1	49	–	–	22	–	1	–	–
Vibrio parahaemolyticus	551	–	–	–	–	–	40	37	7	1	28	–	–	4	4	–	8	–	–	2	1	–	68	11	–	–	6	253	–	–	140	–	–	–	–
Vibrio fluvialis	40	–	–	–	–	–	7	3	–	–	6	–	–	1	–	–	–	–	–	–	1	–	3	2	–	–	–	13	–	–	12	–	–	–	–
Vibrio mimicus	10	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	9	–	–	2	–	–	–	–
Vibrio furnissii	5	–	–	–	–	–	–	–	–	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	1	–	–	–	–
Vibrio alginolyticus	7	–	–	–	–	–	1	2	–	–	2	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	2	–	–	–	–	–	–	–
Aeromonas hydrophila	50	–	–	1	–	–	5	2	2	6	3	–	–	–	–	–	2	–	–	–	–	1	2	1	1	–	1	24	–	–	2	–	1	–	–
Aeromonas sobria	109	–	1	–	–	–	10	9	4	13	20	–	–	1	1	–	1	–	–	2	–	–	5	4	–	–	2	36	–	–	14	–	1	–	–
Aeromonas caviae	6	–	–	–	–	–	–	1	–	3	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Plesiomonas shigelloides	1247	–	–	7	1	–	217	34	14	48	265	–	1	4	16	1	9	–	–	24	17	2	46	37	1	1	10	553	1	4	219	–	3	–	–
Plasmodium falciparum	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–	1
Dengue virus not typed	5	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	1	1	–	–	1
Dengue virus 2	2	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Escherichia coli categorized by pathogenicity																																			
Enteroinvasive *E. coli* (EIEC)	10	–	–	–	–	–	1	1	–	–	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	2	–	–	5	–	–	–	–
Enteropathogenic *E. coli* serotype (EPEC)	6	–	–	–	–	–	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	–	1	–	–	–	–
Shigella serovars																																			
Shigella dysenteriae 2	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella dysenteriae 4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella dysenteriae 12	2	–	–	–	–	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Shigella flexneri 1b	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 2a	6	–	–	–	–	–	–	–	–	3	–	–	–	1	–	–	1	–	–	–	1	–	–	1	–	–	–	3	–	–	–	–	1	–	–
Shigella flexneri 3a	7	1	–	–	–	–	1	–	–	2	1	–	–	–	–	–	–	–	–	–	1	–	2	1	–	–	–	1	–	1	1	–	–	–	–
Shigella flexneri 3b	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 4	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 6	2	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 1	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 2	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 4	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 8	3	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–	–	–
Shigella boydii 10	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 18	1	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella sonnei	162	–	–	–	–	–	14	8	2	55	30	2	–	–	1	–	2	1	1	3	14	2	3	4	–	1	1	21	1	5	20	–	3	1	–

Including cases who visited two or more countries

VII-2.-Continued

	Imported cases																																				
	KENYA	MADAGASCAR	MALAWI	MALI	MAURITIUS	MOROCCO	NAMIBIA	SENEGAL	SOUTH AFRICA	TANZANIA	TUNISIA	ZIMBABWE	ALBANIA	BELGIUM	FRANCE	GERMANY	GREECE	ITALY	MACEDONIA	NETHERLANDS	SPAIN	U.K.	UKRAINE	BOLIVIA	BRAZIL	CANADA	MEXICO	PERU	U.S.A.	VENEZUELA	AUSTRALIA	GUAM	NEW CALEDONIA	SOLOMON ISLANDS	OTHERS
TOTAL	8	1	1	2	1	9	1	1	2	7	1	2	1	6	3	4	3	2	1	5	2	1	1	3	5	1	2	16	10	2	12	2	1	1	1
Escherichia coli	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Shigella																																			
Shigella dysenteriae	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri	1	–	1	1	–	1	–	–	–	1	–	1	1	–	1	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella sonnei	2	–	–	1	–	6	–	1	–	3	–	–	–	–	–	–	–	–	–	–	1	–	–	–	3	–	–	4	2	–	–	–	–	–	–
Salmonella																																			
Salmonella O2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O4	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O7	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O9	–	–	–	–	–	–	–	–	–	–	–	–	–	5	–	1	–	–	–	5	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O3,10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O1,3,19	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
Salmonella O13	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O16	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Salmonella O18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
*Salmonell*a group unknown	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vibrio cholerae O1:El Tor,Ogawa,CT(+)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vibrio cholerae O1:El Tor,Ogawa,CT(−)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vibrio cholerae O1:El Tor,Inaba,CT(+)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vibrio cholerae non-O1&O139	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Vibrio parahaemolyticus	–	–	–	–	1	–	–	–	1	1	–	–	–	1	–	2	2	–	–	–	–	–	–	1	–	–	–	2	3	1	2	–	–	–	–
Vibrio fluvialis	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
Vibrio mimicus	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vibrio furnissii	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–
Vibrio alginolyticus	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Aeromonas hydrophila	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
Aeromonas sobria	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	2	–	–	3	1	–	–	–	–	1	–
Aeromonas caviae	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Plesiomonas shigelloides	2	–	–	–	–	1	–	–	–	2	1	–	–	–	1	–	–	1	–	–	1	–	–	2	–	1	2	4	3	1	7	2	1	–	1
Plasmodium falciparum	–	1	–	–	–	–	1	–	1	–	–	1	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dengue virus not typed	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dengue virus 2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Escherichia coli categorized by pathogenicity																																			
Enteroinvasive *E. coli* (EIEC)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Enteropathogenic *E. coli* serotype (EPEC)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
Shigella serovars																																			
Shigella dysenteriae 2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella dysenteriae 4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella dysenteriae 12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 1b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 2a	1	–	–	–	–	–	–	–	–	–	–	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 3a	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 3b	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella flexneri 6	–	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 10	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella boydii 18	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shigella sonnei	2	–	–	1	–	6	–	1	–	3	–	–	–	–	–	–	–	–	–	–	1	–	–	–	3	–	–	4	2	–	–	–	–	–	–

Including cases who visited two or more countries

VII-3. By year, 1999 - 2004
-Quarantine stations

Based on the data received before October 2, 2007
Imported cases

	1999	2000	2001	2002	2003	2004
T O T A L	2221	1932	2615	2637	1706	2485
Escherichia coli	7	13	11	18	7	16
Shigella						
Shigella dysenteriae	7	8	1	1	4	4
Shigella flexneri	44	42	33	26	22	18
Shigella boydii	3	5	6	5	6	8
Shigella sonnei	182	189	181	125	120	162
Shigella species unknown	–	–	–	1	–	–
Salmonella						
Salmonella Typhi	1	2	–	–	–	–
Salmonella Paratyphi A	–	–	–	1	–	–
Salmonella O2	–	–	–	–	–	1
Salmonella O4	18	11	17	15	17	19
Salmonella O7	14	18	30	21	11	26
Salmonella O8	16	16	18	23	17	13
Salmonella O9	27	15	28	19	22	25
Salmonella O3,10	17	11	13	11	12	11
Salmonella O1,3,19	1	3	3	4	1	3
Salmonella O13	1	2	–	1	–	4
Salmonella O16	–	–	3	–	3	2
Salmonella O18	2	–	2	–	–	2
Salmonella other groups	3	–	–	–	–	–
Salmonella group unknown	–	1	1	–	1	3
Vibrio cholerae O1:El Tor,Ogawa,CT(+)	10	5	6	3	3	16
Vibrio cholerae O1:El Tor,Ogawa,CT(−)	2	1	1	–	1	5
Vibrio cholerae O1:El Tor,Inaba,CT(+)	–	–	1	2	1	1
Vibrio cholerae O1:El Tor,Inaba,CT(−)	–	–	–	2	1	–
Vibrio cholerae O139,CT(−)	–	–	–	1	1	–
Vibrio cholerae non-O1&O139	103	107	127	138	105	118
Vibrio parahaemolyticus	395	388	508	617	329	551
Vibrio fluvialis	14	15	25	26	12	40
Vibrio mimicus	4	6	9	4	4	10
Vibrio furnissii	・	2	3	9	–	5
Vibrio alginolyticus	・	–	1	5	4	7
Aeromonas hydrophila	46	39	41	53	18	50
Aeromonas sobria	100	58	83	90	70	109
Aeromonas hydrophila/sobria	–	2	–	–	–	–
Aeromonas caviae	–	–	1	2	7	6
Plesiomonas shigelloides	1203	973	1462	1414	906	1247
Staphylococcus aureus	–	–	–	–	1	–
Plasmodium falciparum	–	–	–	–	–	3
Others	1	–	–	–	–	–
Dengue virus not typed	・	–	–	1	–	5
Dengue virus 2	・	–	–	1	–	2

・Not included in the survey

VII-3.-Continued

Escherichia coli categorized by pathogenicity — Imported cases

	1999	2000	2001	2002	2003	2004
Enterotoxigenic *E. coli* (ETEC)	–	–	–	2	–	–
Enteroinvasive *E. coli* (EIEC)	–	6	4	12	5	10
Enteropathogenic *E. coli* serotype (EPEC)	7	7	7	4	2	6

Shigella serovars

	1999	2000	2001	2002	2003	2004
Shigella dysenteriae 2	2	2	–	–	–	1
Shigella dysenteriae 3	2	3	–	–	1	–
Shigella dysenteriae 4	1	–	–	–	1	1
Shigella dysenteriae 9	1	2	1	–	–	–
Shigella dysenteriae 12	1	1	–	–	2	2
Shigella dysenteriae not typed	–	–	–	1	–	–
Shigella flexneri 1a	–	1	–	–	–	–
Shigella flexneri 1b	3	6	2	2	1	1
Shigella flexneri 2a	18	10	5	5	6	6
Shigella flexneri 2b	3	1	8	7	2	–
Shigella flexneri 3a	5	8	10	5	5	7
Shigella flexneri 3b	–	–	1	–	–	1
Shigella flexneri 4a	1	2	1	–	–	–
Shigella flexneri 4b	–	–	1	–	–	–
Shigella flexneri 4	4	1	1	1	1	1
Shigella flexneri 6	10	11	3	2	6	2
Shigella flexneri var.X	–	1	–	1	–	–
Shigella flexneri other serovars	–	1	1	2	–	–
Shigella flexneri not typed	–	–	–	1	1	–
Shigella boydii 1	1	1	–	–	1	1
Shigella boydii 2	–	–	1	1	2	1
Shigella boydii 4	1	1	1	2	–	1
Shigella boydii 8	–	–	–	–	1	3
Shigella boydii 10	1	1	–	1	1	1
Shigella boydii 12	–	–	1	–	–	–
Shigella boydii 13	–	1	–	–	1	–
Shigella boydii 14	–	1	–	–	–	–
Shigella boydii 18	–	–	–	–	–	1
Shigella boydii not typed	–	–	3	1	–	–
Shigella sonnei	182	189	181	125	120	162
Shigella species unknown	–	–	–	1	–	–

Reports from the Department of Bacteriology, the National Institute of Infectious Diseases

Table VIII. *S.* Typhi and *S.* Paratyphi A phage types from human sources, Japan, 2004

VIII-1. *S.* Typhi phage types, by month, 2004

Phage typing : Department of Bacteriology, NIID

MONTH OF DIAGNOSIS	PHAGE TYPE OF *S.* Typhi																TOTAL
	A	B1	B2	D1	D2	E1	E2	E6	E9	F6	M1	36	43	UVS1*	UVS4**	UT***	
JAN	–	–	–	–	–	–	–	–	1 (1)	–	–	–	–	–	–	–	1 (1)
FEB	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
MAR	–	1	–	–	–	–	–	1	1 (1)	–	1	–	–	–	1 (1)	–	5 (2)
APR	2 (1)	1 (1)	–	–	2	2 (1)	–	–	6 (6)	–	–	1 (1)	–	1 (1)		–	15 (11)
MAY	–	–	–	–	–	1 (1)	–	–	2 (2)	–	–	–	–	–	–	–	3 (3)
JUN	–	–	–	–	–	–	1 (1)	–	–	–	–	–	–	1 (1)	1 (1)	–	3 (3)
JUL	–	1 (1)	–	–	–	–	–	–	–	–	–	–	–	2 (2)		–	3 (3)
AUG	–	4 (3)	–	–	–	2 (2)	–	–	–	–	–	–	–	–	–	–	6 (5)
SEP	–	1 (1)	1 (1)	–	1 (1)	2 (2)	–	–	–	–	–	–	–	1	–	1 (1)	7 (6)
OCT	–	–	–	1 (1)	1 (1)	–	–	–	3 (3)	1 (1)	–	–	–	1 (1)	–	–	7 (7)
NOV	–	–	–	–	1 (1)	1 (1)	–	–	–	–	–	–	–	1 (1)	–	–	3 (3)
DEC	–	–	–	–	–	1 (1)	–	–	–	–	–	–	1	–	–	–	2 (1)
TOTAL	2 (1)	8 (6)	1 (1)	1 (1)	5 (3)	9 (8)	1 (1)	1	13 (13)	1 (1)	1	1 (1)	1	7 (6)	3 (2)	1 (1)	56 (45)

* UVS1 : Untypable Vi-positive strain, group-1
** UVS4 : Untypable Vi-positive strain, group-4
*** UT : Untypable
( ) : Imported cases included in the total

VIII-2. *S.* Paratyphi A phage types, by month, 2004

Phage typing : Department of Bacteriology, NIID

MONTH OF DIAGNOSIS	PHAGE TYPE OF *S.* Paratyphi A						TOTAL
	1	2	4	5	6	UT*	
JAN	–	–	–	–	–	–	–
FEB	–	–	–	–	2 (2)	–	2 (2)
MAR	–	–	1 (1)	–	1 (1)	–	2 (2)
APR	2 (2)	–	3 (3)	–	1 (1)	–	6 (6)
MAY	2 (1)	1 (1)	4 (2)	–	4 (3)	–	11 (7)
JUN	1 (1)	2 (2)	–	–	–	3 (3)	6 (6)
JUL	1 (1)	–	–	–	–	1	2 (1)
AUG	9 (9)	–	–	–	–	–	9 (9)
SEP	3 (3)	1 (1)	3 (3)	–	–	4 (4)	11 (11)
OCT	2 (2)	1 (1)	3 (3)	–	3 (3)	1 (1)	10 (10)
NOV	1 (1)	1 (1)	–	1 (1)	–	–	3 (3)
DEC	–	1 (1)	1 (1)	–	–	2 (2)	4 (4)
TOTAL	21 (20)	7 (7)	15 (13)	1 (1)	11 (10)	11 (10)	66 (61)

* UT : Untypable
( ) : Imported cases included in the total

VIII-3. *S.* Typhi phage types, by place of residence of the source case, 2004

Phage typing : Department of Bacteriology, NIID

	PHAGE TYPE OF *S.* Typhi																TOTAL
	A	B1	B2	D1	D2	E1	E2	E6	E9	F6	M1	36	43	UVS1*	UVS4**	UT***	
HOKKAIDO	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	2
		(1)													(1)		(2)
AOMORI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
IWATE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MIYAGI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AKITA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
YAMAGATA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FUKUSHIMA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
IBARAKI	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1
				(1)													(1)
TOCHIGI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
GUNMA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SAITAMA	–	1	–	–	1	–	–	–	–	–	–	–	–	1	–	–	3
		(1)			(1)									(1)			(3)
CHIBA	–	–	–	–	–	–	–	–	3	–	–	–	–	–	–	–	3
									(3)								(3)
TOKYO	–	2	1	–	1	3	–	–	6	1	–	–	–	2	1	–	17
		(2)	(1)		(1)	(3)			(6)	(1)				(2)	(1)		(17)
KANAGAWA	–	1	–	–	–	3	–	1	1	–	–	–	–	2	1	–	9
		(1)				(2)			(1)					(1)			(5)
NIIGATA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOYAMA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ISHIKAWA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FUKUI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
YAMANASHI	–	1	–	–	–	–	–	–	–	–	–	–	1	–	–	–	2
NAGANO	–	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	2
GIFU	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
		(1)															(1)
SHIZUOKA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AICHI	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	1	3
					(1)	(1)										(1)	(3)
MIE	–	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–	1
									(1)								(1)
SHIGA	–	1	–	–	–	–	–	–	1	–	–	–	–	–	–	–	2
									(1)								(1)
KYOTO	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
OSAKA	–	–	–	–	–	–	–	–	1	–	1	1	–	–	–	–	3
									(1)			(1)					(2)
HYOGO	–	–	–	–	–	1	1	–	–	–	–	–	–	1	–	–	3
						(1)	(1)							(1)			(3)
NARA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
WAKAYAMA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTTORI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SHIMANE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
OKAYAMA	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	1
						(1)											(1)
HIROSHIMA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
YAMAGUCHI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOKUSHIMA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
KAGAWA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
EHIME	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
KOCHI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
FUKUOKA	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	–	2
														(1)			(1)
SAGA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NAGASAKI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
KUMAMOTO	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
	(1)																(1)
OITA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
MIYAZAKI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
KAGOSHIMA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
OKINAWA	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	2	8	1	1	5	9	1	1	13	1	1	1	1	7	3	1	56
	(1)	(6)	(1)	(1)	(3)	(8)	(1)		(13)	(1)		(1)		(6)	(2)	(1)	(45)

* UVS1 : Untypable Vi-positive strain, group-1
** UVS4 : Untypable Vi-positive strain, group-4
*** UT : Untypable
( ) : Imported cases included in the total

VIII-4. *S.* Paratyphi A phage types, by place of residence of the source case, 2004

Phage typing : Department of Bacteriology, NIID

	PHAGE TYPE OF *S.* Paratyphi A						TOTAL
	1	2	4	5	6	UT*	
HOKKAIDO	–	1	–	–	–	1	2
		(1)				(1)	(2)
AOMORI	–	–	–	–	–	–	–
IWATE	–	–	–	–	–	–	–
MIYAGI	–	–	–	–	–	1	1
						(1)	(1)
AKITA	–	–	–	–	–	–	–
YAMAGATA	1	–	–	–	–	–	1
	(1)						(1)
FUKUSHIMA	–	–	–	–	–	–	–
IBARAKI	–	–	–	–	–	1	1
						(1)	(1)
TOCHIGI	–	–	–	–	–	–	–
GUNMA	–	–	–	–	–	–	–
SAITAMA	1	–	2	–	1	–	4
	(1)		(2)		(1)		(4)
CHIBA	–	–	2	1	3	–	6
			(2)	(1)	(3)		(6)
TOKYO	7	2	–	–	3	1	13
	(6)	(2)			(2)	(1)	(11)
KANAGAWA	1	1	3	–	–	2	7
	(1)	(1)	(3)			(2)	(7)
NIIGATA	–	–	–	–	1	–	1
					(1)		(1)
TOYAMA	–	–	2	–	–	–	2
			(1)				(1)
ISHIKAWA	–	–	–	–	–	–	–
FUKUI	–	–	–	–	–	–	–
YAMANASHI	–	–	–	–	–	–	–
NAGANO	1	–	–	–	–	–	1
	(1)						(1)
GIFU	–	–	1	–	–	–	1
			(1)				(1)
SHIZUOKA	–	–	–	–	–	–	–
AICHI	4	–	–	–	–	–	4
	(4)						(4)
MIE	–	2	1	–	–	–	3
		(2)	(1)				(3)
SHIGA	–	–	–	–	–	–	–
KYOTO	–	–	1	–	1	–	2
			(1)		(1)		(2)
OSAKA	4	1	1	–	2	4	12
	(4)	(1)	(1)		(2)	(3)	(11)
HYOGO	–	–	1	–	–	1	2
			(1)			(1)	(2)
NARA	–	–	–	–	–	–	–
WAKAYAMA	–	–	–	–	–	–	–
TOTTORI	–	–	–	–	–	–	–
SHIMANE	–	–	–	–	–	–	–
OKAYAMA	–	–	–	–	–	–	–
HIROSHIMA	–	–	–	–	–	–	–
YAMAGUCHI	–	–	–	–	–	–	–
TOKUSHIMA	–	–	–	–	–	–	–
KAGAWA	–	–	–	–	–	–	–
EHIME	–	–	–	–	–	–	–
KOCHI	–	–	–	–	–	–	–
FUKUOKA	–	–	1	–	–	–	1
SAGA	1	–	–	–	–	–	1
	(1)						(1)
NAGASAKI	–	–	–	–	–	–	–
KUMAMOTO	1	–	–	–	–	–	1
	(1)						(1)
OITA	–	–	–	–	–	–	–
MIYAZAKI	–	–	–	–	–	–	–
KAGOSHIMA	–	–	–	–	–	–	–
OKINAWA	–	–	–	–	–	–	–
TOTAL	21	7	15	1	11	11	66
	(20)	(7)	(13)	(1)	(10)	(10)	(61)

* UT : Untypable
( ) : Imported cases included in the total

Reports from infectious diseases hospitals

List of Infectious Diseases Hospitals

Sapporo City General Hospital
Sendai City Hospital
Chiba Aoba Municipal Hospital
Tokyo Metropolitan Toshima General Hospital
Tokyo Metropolitan Komagome General Hospital
Tokyo Metropolitan Bokutoh General Hospital
Tokyo Metropolitan Ebara General Hospital
Kawasaki Municipal Hospital
Yokohama Municipal Citizen's Hospital
Nagoya City Higashi General Hospital
Kyoto City Hospital
Infectious Disease Center of Osaka City General Hospital
Kobe Municipal Central Hospital
Hiroshima City Funairi Hospital
Kitakyushu Municipal Medical Center
Fukuoka Children's Hospital and Medical Center for Infectious Diseases

Table IX. Individual reports of bacteria isolation from human sources, Japan, 2004
IX-1. By month, 2004
-Infectious diseases hospitals

Based on the data received before March 5, 2005
( ) : Imported cases included in the total

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN
TOTAL	393 (168)	10 (1)	17 (6)	25 (14)	48 (35)	32 (13)	39 (19)
Escherichia coli	52 (13)	2	3	2 (2)	4 (2)	6 (3)	5 (1)
Shigella							
Shigella dysenteriae	1 (1)	–	–	–	–	–	–
Shigella flexneri	9 (8)	–	–	–	3 (3)	1 (1)	3 (3)
Shigella boydii	1 (1)	–	–	1 (1)	–	–	–
Shigella sonnei	52 (45)	–	5 (5)	6 (6)	8 (7)	1 (1)	4 (3)
Shigella species unknown	1 (1)	–	–	–	–	1 (1)	–
Salmonella							
Salmonella Typhi	25 (21)	–	1	1 (1)	8 (7)	–	2 (2)
Salmonella Paratyphi A	30 (28)	1 (1)	1 (1)	1 (1)	5 (5)	5 (4)	5 (4)
Salmonella O4	8	1	1	1	–	–	1
Salmonella O7	10 (3)	–	1	–	–	–	–
Salmonella O8	4	–	–	–	1	–	–
Salmonella O9	29 (6)	1	–	–	1 (1)	4 (1)	–
Salmonella O3,10	2 (2)	–	–	–	–	–	–
Salmonella other groups	1	–	–	–	–	–	–
Vibrio cholerae O1:El Tor, Ogawa, CT(+)	5 (5)	–	–	–	–	–	3 (3)
Vibrio cholerae O1:El Tor, Inaba, CT(+)	1 (1)	–	–	–	1 (1)	–	–
Vibrio cholerae non-O1&O139	1	–	–	–	–	–	–
Vibrio parahaemolyticus	18 (6)	–	–	–	2 (2)	–	–
Vibrio fluvialis	1	–	–	–	1	–	–
Aeromonas hydrophila	9 (3)	–	–	–	–	2 (2)	–
Aeromonas sobria	2 (1)	–	1	–	–	–	1 (1)
Plesiomonas shigelloides	2 (2)	–	–	–	–	–	–
Campylobacter jejuni	86 (10)	3	2	10 (2)	5 (1)	8	8
Campylobacter coli	6 (2)	–	–	1	2 (2)	1	–
Staphylococcus aureus	1	–	–	–	–	–	–
Entamoeba histolytica	9 (1)	–	–	1	1 (1)	–	2
Giardia lamblia	6 (4)	–	1	–	3 (3)	–	1 (1)
Others	21 (4)	2	1	1 (1)	3	3	4 (1)

Escherichia coli categorized by pathogenicity

Verotoxin-producing *E. coli* (EHEC/VTEC)	21	1	–	–	1	1	2
Enterotoxigenic *E. coli* (ETEC)	9 (6)	–	–	2 (2)	–	3 (2)	–
Enteropathogenic *E. coli* serotype (EPEC)	13 (4)	–	–	–	1 (1)	2 (1)	3 (1)
Other diarrhegenic *E. coli*	9 (3)	1	3	–	2 (1)	–	–

Shigella serovars

Shigella dysenteriae 4	1 (1)	–	–	–	–	–	–
Shigella flexneri 1b	1 (1)	–	–	–	–	–	1 (1)
Shigella flexneri 2a	1 (1)	–	–	–	1 (1)	–	–
Shigella flexneri 2b	2 (1)	–	–	–	1 (1)	–	–
Shigella flexneri 3a	1 (1)	–	–	–	–	–	1 (1)
Shigella flexneri 4a	2 (2)	–	–	–	1 (1)	–	1 (1)
Shigella flexneri serovar unknown	1 (1)	–	–	–	–	1 (1)	–
Shigella flexneri not typed	1 (1)	–	–	–	–	–	–
Shigella boydii 18	1 (1)	–	–	1 (1)	–	–	–
Shigella sonnei	52 (45)	–	5 (5)	6 (6)	8 (7)	1 (1)	4 (3)
Shigella species unknown	1 (1)	–	–	–	–	1 (1)	–

In addition, rotaviruses and SRSVs were detected in 102 and 5 cases, respectively.

IX-1.-Continued

( ) : Imported cases included in the total

	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
TOTAL	37 (12)	64 (22)	47 (16)	31 (15)	20 (6)	23 (9)
Escherichia coli	7 (2)	9 (1)	3	5 (2)	5	1
Shigella						
Shigella dysenteriae	–	–	1 (1)	–	–	–
Shigella flexneri	1 (1)	–	–	–	–	1
Shigella boydii	–	–	–	–	–	–
Shigella sonnei	2 (1)	9 (8)	7 (6)	4 (3)	2 (2)	4 (3)
Shigella species unknown	–	–	–	–	–	–
Salmonella						
Salmonella Typhi	3 (3)	3 (3)	3 (2)	2 (2)	–	2 (1)
Salmonella Paratyphi A	–	3 (3)	1 (1)	5 (5)	1 (1)	2 (2)
Salmonella O4	1	2	–	–	1	–
Salmonella O7	1	3 (1)	2	–	–	3 (2)
Salmonella O8	1	1	1	–	–	–
Salmonella O9	3 (1)	7 (1)	7 (1)	4	1	1 (1)
Salmonella O3,10	1 (1)	–	–	1 (1)	–	–
Salmonella other groups	–	–	1	–	–	–
Vibrio cholerae O1:El Tor, Ogawa, CT(+)	1 (1)	1 (1)	–	–	–	–
Vibrio cholerae O1:El Tor, Inaba, CT(+)	–	–	–	–	–	–
Vibrio cholerae non-O1&O139	–	–	1	–	–	–
Vibrio parahaemolyticus	4	7 (2)	4 (1)	–	1 (1)	–
Vibrio fluvialis	–	–	–	–	–	–
Aeromonas hydrophila	3	1	–	–	3 (1)	–
Aeromonas sobria	–	–	–	–	–	–
Plesiomonas shigelloides	–	–	1 (1)	–	1 (1)	–
Campylobacter jejuni	7 (1)	14 (2)	12 (2)	7 (2)	3	7
Campylobacter coli	–	1	–	–	1	–
Staphylococcus aureus	–	–	–	–	1	–
Entamoeba histolytica	–	1	1	3	–	–
Giardia lamblia	–	1	–	–	–	–
Others	2 (1)	1	2 (1)	–	–	2

Escherichia coli categorized by pathogenicity

Verotoxin-producing *E. coli* (EHEC/VTEC)	4	7	3	1	–	1
Enterotoxigenic *E. coli* (ETEC)	1 (1)	2 (1)	–	–	1	–
Enteropathogenic *E. coli* serotype (EPEC)	2 (1)	–	–	2	3	–
Other diarrhegenic *E. coli*	–	–	–	2 (2)	1	–

Shigella serovars

Shigella dysenteriae 4	–	–	1 (1)	–	–	–
Shigella flexneri 1b	–	–	–	–	–	–
Shigella flexneri 2a	–	–	–	–	–	–
Shigella flexneri 2b	–	–	–	–	–	1
Shigella flexneri 3a	–	–	–	–	–	–
Shigella flexneri 4a	–	–	–	–	–	–
Shigella flexneri serovar unknown	–	–	–	–	–	–
Shigella flexneri not typed	1 (1)	–	–	–	–	–
Shigella boydii 18	–	–	–	–	–	–
Shigella sonnei	2 (1)	9 (8)	7 (6)	4 (3)	2 (2)	4 (3)
Shigella species unknown	–	–	–	–	–	–

IX-2. By year, 1999 - 2004
-Infectious diseases hospitals

Based on the data received before March 5, 2005
( ) : Imported cases included in the total

	1999	2000	2001	2002	2003	2004
T O T A L	512 (205)	355 (147)	325 (121)	359 (117)	317 (99)	393 (168)
Escherichia coli	58 (19)	66 (24)	57 (14)	60 (19)	60 (11)	52 (13)
Shigella						
Shigella dysenteriae	5 (4)	1	1 (1)	–	3 (3)	1 (1)
Shigella flexneri	50 (11)	16 (12)	15 (13)	8 (5)	5 (5)	9 (8)
Shigella boydii	–	1	2 (2)	–	1 (1)	1 (1)
Shigella sonnei	80 (63)	51 (46)	35 (29)	18 (15)	16 (13)	52 (45)
Shigella species unknown	6 (5)	5 (3)	–	1 (1)	1 (1)	1 (1)
Salmonella						
Salmonella Typhi	38 (36)	17 (16)	17 (17)	17 (14)	24 (21)	25 (21)
Salmonella Paratyphi A	12 (10)	6 (6)	9 (9)	12 (11)	18 (18)	30 (28)
Salmonella O4	16	14 (1)	11	12 (3)	12 (1)	8
Salmonella O7	20	6	9 (1)	6 (1)	7 (1)	10 (3)
Salmonella O8	8 (6)	3 (2)	2	4 (1)	2 (1)	4
Salmonella O9	86 (6)	44	53 (2)	71 (4)	52 (1)	29 (6)
Salmonella O9,46	–	–	–	–	2	–
Salmonella O3,10	1 (1)	3 (1)	2 (2)	2 (2)	–	2 (2)
Salmonella other groups	–	1	–	–	–	1
Salmonella group unknown	1	1	–	–	–	–
Vibrio cholerae O1:El Tor, Ogawa, CT(+)	7 (7)	7 (5)	2 (2)	4 (4)	2 (2)	5 (5)
Vibrio cholerae O1:El Tor, Inaba, CT(+)	–	–	2	1	2 (2)	1 (1)
Vibrio cholerae O1 not typed	1 (1)	–	–	–	–	–
Vibrio cholerae non-O1&O139	1 (1)	–	1 (1)	2 (1)	–	1
Vibrio parahaemolyticus	25 (3)	19 (4)	11 (1)	17 (5)	13	18 (6)
Vibrio fluvialis	–	–	1	1	1	1
Vibrio mimicus	–	–	–	1 (1)	–	–
Aeromonas hydrophila	3	2 (1)	3 (2)	8 (1)	9 (3)	9 (3)
Aeromonas sobria	2 (2)	1 (1)	2 (2)	2 (2)	2	2 (1)
Plesiomonas shigelloides	12 (11)	3 (3)	8 (8)	9 (8)	2 (2)	2 (2)
Campylobacter jejuni	35 (10)	49 (9)	43 (8)	70 (12)	63 (12)	86 (10)
Campylobacter coli	2 (1)	1 (1)	2 (1)	6	5	6 (2)
Staphylococcus aureus	2	1	8	4	2	1
Clostridium perfringens	2 (2)	–	–	–	–	–
Yersinia enterocolitica	–	–	2	–	1	–
Entamoeba histolytica	17	5 (1)	7	14 (5)	7	9 (1)
Cryptosporidium parvum	–	–	2	2	–	–
Giardia lamblia	5 (4)	7 (7)	1 (1)	1 (1)	1	6 (4)
Others	17 (2)	25 (4)	17 (5)	6 (1)	4 (1)	21 (4)

IX-2.-Continued

Escherichia coli categorized by pathogenicity ( ) : Imported cases included in the total

	1999	2000	2001	2002	2003	2004
Verotoxin-producing *E. coli* (EHEC/VTEC)	23 (3)	27 (2)	23	23	23	21
Enterotoxigenic *E. coli* (ETEC)	10 (7)	9 (4)	16 (7)	17 (11)	9 (5)	9 (6)
Enteroinvasive *E. coli* (EIEC)	3 (2)	3 (2)	1 (1)	1 (1)	1	–
Enteropathogenic *E. coli* serotype (EPEC)	22 (7)	17 (8)	13 (3)	15 (4)	23 (4)	13 (4)
Other diarrhegenic *E. coli*	–	10 (8)	4 (3)	4 (3)	4 (2)	9 (3)

Shigella serovars

	1999	2000	2001	2002	2003	2004
Shigella dysenteriae 2	2 (2)	1	–	–	1 (1)	–
Shigella dysenteriae 3	3 (2)	–	–	–	1 (1)	–
Shigella dysenteriae 4	–	–	–	–	1 (1)	1 (1)
Shigella dysenteriae 9	–	–	1 (1)	–	–	–
Shigella flexneri 1b	1 (1)	2 (2)	2 (2)	1	–	1 (1)
Shigella flexneri 2a	41 (3)	6 (3)	4 (2)	1 (1)	1 (1)	1 (1)
Shigella flexneri 2b	–	1 (1)	–	2 (2)	1 (1)	2 (1)
Shigella flexneri 3a	1 (1)	3 (3)	2 (2)	1 (1)	–	1 (1)
Shigella flexneri 4a	1 (1)	1 (1)	–	–	–	2 (2)
Shigella flexneri 4b	–	–	2 (2)	–	–	–
Shigella flexneri 4	1 (1)	1	–	1 (1)	–	–
Shigella flexneri 5a	1	–	–	–	–	–
Shigella flexneri 6	3 (3)	1 (1)	2 (2)	–	2 (2)	–
Shigella flexneri others/unknown	1 (1)	1 (1)	2 (2)	2	1 (1)	1 (1)
Shigella flexneri not typed	–	–	1 (1)	–	–	1 (1)
Shigella boydii 4	–	1	1 (1)	–	–	–
Shigella boydii 9	–	–	1 (1)	–	–	–
Shigella boydii 14	–	–	–	–	1 (1)	–
Shigella boydii 18	–	–	–	–	–	1 (1)
Shigella sonnei	80 (63)	51 (46)	35 (29)	18 (15)	16 (13)	52 (45)
Shigella species unknown	6 (5)	5 (3)	–	1 (1)	1 (1)	1 (1)