

## Isolation/detection of gastrointestinal viruses from human sources, by season, 2008/09-2018/19

(Infectious Agents Surveillance Report: Data based on the reports received before October 17, 2018 from public health institutes)



Infectious Agents Surveillance Report

## Gastrointestinal pathogens

	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Reovirus NT	5	1	-	-	1	-	1	1	5	3	-
Reovirus 2	-	-	1	-	1	5	7	-	-	2	-
Rotavirus group unknown	-	6	4	-	1	-	3	-	-	-	-
Rotavirus group A NT	458	485	455	419	447	258	295	327	290	124	-
Rotavirus group A G1	57	83	108	255	412	124	137	18	35	16	-
Rotavirus group A G2	4	5	30	23	32	73	81	339	191	105	-
Rotavirus group A G3	138	138	318	144	13	13	33	11	166	65	-
Rotavirus group A G4	-	-	4	1	-	1	-	5	-	-	-
Rotavirus group A G8	-	-	-	-	-	2	1	9	35	11	-
Rotavirus group A G9	4	7	15	47	15	61	72	85	130	97	-
Rotavirus group A G12	-	-	-	1	-	-	1	-	2	-	-
Rotavirus group C	44	1	6	19	1	1	1	1	-	4	-
Astrovirus NT	46	19	70	58	61	110	84	49	76	31	-
Astrovirus 1	28	8	48	51	32	42	4	76	118	18	1
Astrovirus 2	-	-	-	-	-	4	9	2	-	-	-
Astrovirus 3	1	3	-	3	-	-	1	2	2	4	-
Astrovirus 4	-	5	6	7	11	-	2	3	13	8	2
Astrovirus 5	-	-	-	1	-	-	-	-	-	-	-
Astrovirus 6	-	-	-	-	-	1	-	-	-	-	-
Astrovirus 8	-	1	2	-	4	-	-	1	-	-	-
Small round structured virus	8	3	1	-	-	1	1	-	-	-	-
Norovirus genogroup unknown	287	276	178	93	18	9	1	3	1	1	-
Norovirus GI NT	130	185	57	155	137	106	384	76	75	15	-
Norovirus GI.1	-	-	-	-	-	-	-	-	1	1	-
Norovirus GI.2	-	-	-	-	-	-	-	50	6	34	-
Norovirus GI.3	-	-	-	-	-	-	-	55	4	26	-
Norovirus GI.4	-	-	-	-	-	-	-	7	11	11	-
Norovirus GI.5	-	-	-	-	-	-	-	4	-	4	-
Norovirus GI.6	-	-	-	-	-	-	-	5	20	9	-
Norovirus GI.7	-	-	-	-	-	-	-	-	9	33	-
Norovirus GI.9	-	-	-	-	-	-	-	-	1	-	-
Norovirus GII NT	1767	1776	1936	1645	2011	2015	1581	1059	1201	784	2
Norovirus GII.1	-	-	-	-	-	-	-	1	-	-	-

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Norovirus GII.2	-	-	-	-	-	-	-	78	1376	448	4
Norovirus GII.3	-	-	-	-	-	-	-	295	47	44	-
Norovirus GII.4	-	-	-	-	-	-	-	839	392	739	-
Norovirus GII.5	-	-	-	-	-	-	-	1	2	2	-
Norovirus GII.6	-	-	-	-	-	-	-	43	116	16	-
Norovirus GII.7	-	-	-	-	-	-	-	15	9	3	-
Norovirus GII.8	-	-	-	-	-	-	-	1	-	2	-
Norovirus GII.13	-	-	-	-	-	-	-	6	1	2	-
Norovirus GII.14	-	-	-	-	-	-	-	-	-	1	-
Norovirus GII.16	-	-	-	-	-	-	-	-	1	-	-
Norovirus GII.17	-	-	-	-	-	-	-	329	106	142	-
Norovirus GII.others	-	-	-	-	-	-	-	-	1	3	-
Norovirus GI/1	1	3	1	7	-	-	-	-	-	-	-
Norovirus GI/2	-	1	7	9	2	14	47	-	-	-	-
Norovirus GI/3	10	-	3	5	2	4	102	-	-	-	-
Norovirus GI/4	31	39	-	51	25	24	6	-	-	-	-
Norovirus GI/5	-	-	-	-	-	3	-	-	-	-	-
Norovirus GI/6	-	-	1	12	99	7	3	-	-	-	-
Norovirus GI/7	3	12	4	4	2	7	1	-	-	-	-
Norovirus GI/8	7	38	4	13	5	-	-	-	-	-	-
Norovirus GI/9	-	-	2	-	-	-	-	-	-	-	-
Norovirus GI/10	-	-	1	-	-	-	-	-	-	-	-
Norovirus GI/11	-	-	1	-	4	1	1	-	-	-	-
Norovirus GI/12	-	1	-	2	3	3	-	-	-	-	-
Norovirus GI/13	-	-	1	1	1	-	-	-	-	-	-
Norovirus GI/14	-	-	-	24	-	2	2	-	-	-	-
Norovirus GI/others	-	-	-	-	1	-	-	-	-	-	-
Norovirus GII/1	-	2	-	1	1	1	-	-	-	-	-
Norovirus GII/2	30	345	165	89	63	29	3	-	-	-	-
Norovirus GII/3	37	67	531	29	20	63	283	-	-	-	-
Norovirus GII/4	369	654	437	517	1099	641	528	-	-	-	-
Norovirus GII/5	-	-	-	9	-	-	2	-	-	-	-
Norovirus GII/6	141	19	4	27	27	357	8	-	-	-	-

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Norovirus GII/7	-	10	5	4	19	5	1	-	-	-	-
Norovirus GII/8	-	-	-	-	-	-	3	-	-	-	-
Norovirus GII/11	1	-	-	-	2	4	220	-	-	-	-
Norovirus GII/12	8	31	45	44	4	-	2	-	-	-	-
Norovirus GII/13	1	26	66	97	53	56	7	-	-	-	-
Norovirus GII/14	-	14	-	3	3	12	30	-	-	-	-
Norovirus GII/16	-	-	-	-	-	1	-	-	-	-	-
Norovirus GII/17	-	-	-	2	-	-	-	-	-	-	-
Norovirus GII/others	-	-	-	-	2	-	-	-	-	-	-
Sapovirus genogroup unknown	174	131	164	175	284	224	307	172	112	136	-
Sapovirus genogroup I	22	41	71	112	135	84	101	75	93	91	-
Sapovirus genogroup II	19	18	36	51	28	49	25	59	15	79	-
Sapovirus genogroup III	-	-	-	2	1	-	-	-	-	-	-
Sapovirus genogroup IV	-	-	1	2	10	5	7	21	2	3	-
Sapovirus genogroup V	-	2	6	1	-	4	26	1	2	16	-

NT:Not typed

\*Season: From September to next August