

	Positive	Total		Prevalence (%)	95% CI	Weight
Drinking water						
Ahmad, 2015_Pakistan_Tap water	0	20		0.00	[ 0.00; 16.84]	0.5%
Ahmad, 2018_Pakistan_Drinking water	1	44		2.27	[ 0.06; 12.02]	0.5%
Grabow, 2001_South Africa_Drinking water	12	413		2.91	[ 1.51; 5.02]	0.5%
Hee, 2006_South Korea_Tap water	0	33		0.00	[ 0.00; 10.58]	0.5%
Kittigul, 2000_Thailand_Tap water	0	32		0.00	[ 0.00; 10.89]	0.5%
Kittigul, 2006_Thailand_Tap water	0	100		0.00	[ 0.00; 3.62]	0.5%
Numanovic, 2004_Bosnia and Herzegovina_Drinking water	0	84		0.00	[ 0.00; 4.30]	0.5%
Puntaric, 1995_Croatia_Drinking water	7	271		2.58	[ 1.04; 5.25]	0.5%
Purpari, 2019_Italy_Pipewater	0	11		0.00	[ 0.00; 28.49]	0.4%
Rigotto, 2010_Brazil_Drinking water	2	24		8.33	[ 1.03; 27.00]	0.5%
Verma, 2010_India_Drinking water	0	356		0.00	[ 0.00; 1.03]	0.5%
Random effect meta-analysis		1388		0.38	[ 0.00; 1.75]	5.6%
Prediction interval					[ 0.00; 6.23]	--
Heterogeneity: I <sup>2</sup> = 64.4% [32.0%; 81.3%], τ <sup>2</sup> = 0.0041, p = 0.0018						
Groundwater						
Abbaszadegan, 1999_United States of America_Groundwater	12	139		8.63	[ 4.54; 14.59]	0.5%
Bae, 2022_South Korea_Groundwater	0	20		0.00	[ 0.00; 16.84]	0.5%
Borchardt, 2003_United States of America_Well water	3	194		1.55	[ 0.32; 4.45]	0.5%
Borchardt, 2004_United States of America_Well water	4	48		8.33	[ 2.32; 19.98]	0.5%
Carducci, 2003_Italy_Groundwater	0	35		0.00	[ 0.00; 10.00]	0.5%
De Gliglio, 2017_Italy_Well water	0	364		0.00	[ 0.00; 1.01]	0.5%
De Serres, 1999_United States of America_Well water	6	10		60.00	[26.24; 87.84]	0.4%
Fout, 2003_United States of America_Groundwater	4	321		1.25	[ 0.34; 3.16]	0.5%
Guerrero-Latorre, 2011_Chad_Wells, Boreholes	0	12		0.00	[ 0.00; 26.46]	0.4%
Jothikumar, 2000_India_Bore well water samples; well water	6	19		31.58	[12.58; 56.55]	0.5%
Jung, 2011_South Korea_Groundwater	0	39		0.00	[ 0.00; 9.03]	0.5%
Stokdyk, 2020_United States of America_Well water	0	964		0.00	[ 0.00; 0.38]	0.5%
Random effect meta-analysis		2165		2.36	[ 0.16; 6.09]	6.1%
Prediction interval					[ 0.00; 20.90]	--
Heterogeneity: I <sup>2</sup> = 90% [84.6%; 93.6%], τ <sup>2</sup> = 0.0155, p < 0.0001						
Others						
Ahmad, 2016_Pakistan_Drinking water, Sewage sample	12	95		12.63	[ 6.70; 21.03]	0.5%
Amdiouini, 2017_Morocco_Raw wastewater; Treated effluents	4	50		8.00	[ 2.22; 19.23]	0.5%
Carducci, 2008_Italy_Sewage samples (entry and exit samples)	2	40		5.00	[ 0.61; 16.92]	0.5%
Gharbi-Khelifi, 2011_Tunisia_Well-water samples; Drinking water samples	5	10		50.00	[18.71; 81.29]	0.4%
Hassine, 2010_Tunisia_Sewage sample	10	93		10.75	[ 5.28; 18.89]	0.5%
Hee, 2006_South Korea_Finished water	0	92		0.00	[ 0.00; 3.93]	0.5%
Janahi, 2020_Bahrain_Influent; Effluent	2	59		3.39	[ 0.41; 11.71]	0.5%
Jebri, 2012_Tunisia_Raw water; Treated water	0	48		0.00	[ 0.00; 7.40]	0.5%
Katukiza, 2013_Uganda_Grey water	3	11		27.27	[ 6.02; 60.97]	0.4%
Nasiri, 2021_Iran_In...uent, before chlorination, e...uent	15	18		83.33	[58.58; 96.42]	0.5%
Peláez, 2016_Colombia_Untreated wastewater; Treated wastewater	77	288		26.74	[21.71; 32.24]	0.5%
Pina, 1998_Spain_Slaughterhouse sewage	0	17		0.00	[ 0.00; 19.51]	0.5%
Rachida, 2016_South Africa_Irrigation water	8	11		72.73	[39.03; 93.98]	0.4%
Saadoun, 2021_Jordan_Raw sewage; Treated sewage; Surface and pond water	0	33		0.00	[ 0.00; 10.58]	0.5%
Schvoerer, 2000_France_Treated water, Untreated wastewater	3	13		23.08	[ 5.04; 53.81]	0.5%
Shin, 2019_South Korea_Irrigation water	0	14		0.00	[ 0.00; 23.16]	0.5%
Simmons , 2011_United States of America_Wastewater (influent and effluent)	0	30		0.00	[ 0.00; 11.57]	0.5%
Truchado, 2021_Spain_Sewage effluent; Sewage influent	12	475		2.53	[ 1.31; 4.37]	0.5%
Tucker, 2000_United States of America_Groundwater, Surface water	1	24		4.17	[ 0.11; 21.12]	0.5%
Wang, 2018_Sweden_Sewage effluent; Sewage influent	0	12		0.00	[ 0.00; 26.46]	0.4%
Wang, 2020_South Korea_Irrigation water	0	96		0.00	[ 0.00; 3.77]	0.5%
Random effect meta-analysis		1529		8.53	[ 3.16; 15.69]	10.4%
Prediction interval					[ 0.00; 50.79]	--
Heterogeneity: I <sup>2</sup> = 92.6% [90.0%; 94.5%], τ <sup>2</sup> = 0.0477, p < 0.0001						
Surface water						
Ahmad, 2015_Pakistan_Surface water samples	0	30		0.00	[ 0.00; 11.57]	0.5%
Ahmad, 2018_Pakistan_River water	2	26		7.69	[ 0.95; 25.13]	0.5%
Aw, 2011_Singapore_Surface water	4	45		8.89	[ 2.48; 21.22]	0.5%
Bahk, 2020_South Korea_River samples	4	100		4.00	[ 1.10; 9.93]	0.5%
Bai, 2019_Philippines_River samples	7	12		58.33	[27.67; 84.83]	0.4%
Borchardt, 2004_United States of America_River water	0	12		0.00	[ 0.00; 26.46]	0.4%
Carducci, 2006_Italy_River water, Seawater	0	24		0.00	[ 0.00; 14.25]	0.5%
Chigor, 2012_South Africa_River water	31	72		43.06	[31.43; 55.27]	0.5%
Cioffi, 2021_Italy_Seawater	0	225		0.00	[ 0.00; 1.63]	0.5%
Corsi, 2014_United States of America_River water	1	63		1.59	[ 0.04; 8.53]	0.5%
De Paula, 2007_Brazil_River water	48	52		92.31	[81.46; 97.86]	0.5%
de Souza, 2018_Brazil_Streams water	1	84		1.19	[ 0.03; 6.46]	0.5%
Denis-Mize, 2004_United States of America_Stream water	4	15		26.67	[ 7.79; 55.10]	0.5%
Dias, 2018_Brazil_Seawater	1	48		2.08	[ 0.05; 11.07]	0.5%
Divizia, 1993_Italy_River water	9	13		69.23	[38.57; 90.91]	0.5%
Elmahdy, 2016_Brazil_Surface water	14	48		29.17	[16.95; 44.06]	0.5%
Elmahdy, 2016_Brazil_Surface water	13	48		27.08	[15.28; 41.85]	0.5%
Farkas, 2018_United Kingdom_Surface water	0	52		0.00	[ 0.00; 6.85]	0.5%
Félix, 2010_Mexico_Marine recreational waters	3	32		9.38	[ 1.98; 25.02]	0.5%
Fernández-Molina, 2004_Spain_Spring water; River water	16	51		31.37	[19.11; 45.89]	0.5%
Fongaro, 2012_Brazil_Surface water	6	48		12.50	[ 4.73; 25.25]	0.5%
Fongaro, 2019_Brazil_River water	39	45		86.67	[73.21; 94.95]	0.5%
Fumian, 2018_Brazil_River water, Lagoon water	7	32		21.88	[ 9.28; 39.97]	0.5%
Gersberg, 2006_United States of America_Ocean water samples	11	20		55.00	[31.53; 76.94]	0.5%
Hee, 2006_South Korea_Surface water	0	223		0.00	[ 0.00; 1.64]	0.5%
Hernandez-Morga, 2009_Mexico_Estuarine water samples	32	40		80.00	[64.35; 90.95]	0.5%
Hot, 2003_France_River water	1	68		1.47	[ 0.04; 7.92]	0.5%
Iaconelli, 2015_Italy_River water	2	27		7.41	[ 0.91; 24.29]	0.5%
Iaconelli, 2017_Italy_River water	2	28		7.14	[ 0.88; 23.50]	0.5%
Jiang, 2004_United States of America_River water	16	21		76.19	[52.83; 91.78]	0.5%
Jones, 2017_Canada_River water	18	1032		1.74	[ 1.04; 2.74]	0.5%
Katukiza, 2013_Uganda_Surface water	4	26		15.38	[ 4.36; 34.87]	0.5%
Kittigul, 2000_Thailand_Surface water from canals	3	20		15.00	[ 3.21; 37.89]	0.5%
Kittigul, 2006_Thailand_Swamps; Canals	9	80		11.25	[ 5.28; 20.28]	0.5%
Kiulia, 2010_Kenya_River water	8	29		27.59	[12.73; 47.24]	0.5%
Kokkinos, 2018_Greece_Seawater; River water	1	72		1.39	[ 0.04; 7.50]	0.5%
La Rosa, 2017_Italy_River water	3	32		9.38	[ 1.98; 25.02]	0.5%
La Rosa, 2021_Italy_Seawater; Discharge water	19	392		4.85	[ 2.94; 7.47]	0.5%
Lazic, 2015_Serbia_Untreated surface water	0	60		0.00	[ 0.00; 5.96]	0.5%
Lee, 2008_South Korea_River water	2	58		3.45	[ 0.42; 11.91]	0.5%
Lee, 2014_South Korea_Surface water	9	265		3.40	[ 1.56; 6.35]	0.5%
Lenaker, 2017_United States of America_River water	0	290		0.00	[ 0.00; 1.26]	0.5%
Masachessi, 2018_Argentina_Dam water sample, beaches water sample	11	114		9.65	[ 4.92; 16.61]	0.5%
Miagostovich, 2014_Brazil_Surface water	0	108		0.00	[ 0.00; 3.36]	0.5%
Morace, 1993_Italy_River water	8	13		61.54	[31.58; 86.14]	0.5%
Moresco, 2012_Brazil_Seawater	68	132		51.52	[42.66; 60.30]	0.5%
Nasser, 1987_United States of America_Seawater	3	20		15.00	[ 3.21; 37.89]	0.5%
Ngaosuwanikul, 2013_Thailand_Flood water samples	7	100		7.00	[ 2.86; 13.89]	0.5%
O'Brien, 2017_Uganda_Swamp	8	12		66.67	[34.3	