

Table 2. Excess number of male cases, male-to-female ratio and percentage male by pathogen, risk area and age group, for laboratory confirmed gastrointestinal infections with no reported travel history, England, 2003-2013.

Organism	Total cases 16-65 yrs	No. excess males 16-65 yrs	Male-to-female ratio in 16-65 yrs	% Male			
				16-65 yrs all areas	16-65 yrs in high risk areas	16-65 yrs in low risk areas	< 16 yrs
<i>Campylobacter</i> spp.	382,641	21,649	1.12	52.8 (52.7-53.0)	52.1 (51.6-52.6)	52.9 (52.8-53.1)	60.3 (60.0-60.7)
<i>Cryptosporidium</i> spp.	17,907	-4,643	0.59	37.0 (36.3-37.7)	45.8 (43.1-48.6)	36.4 (35.6-37.1)	56.5 (55.9-57.2)
<i>Entamoeba histolytica</i>	1,581	579	2.16	68.3 (65.9-70.6)	74.4 (70.9-77.6)	63.5 (60.3-66.7)	58.4 (48.8-67.6)
<i>Giardia</i> spp.	24,776	2,396	1.21	54.8 (54.2-55.5)	58.5 (56.9-60.1)	54.2 (53.5-54.9)	58.2 (56.9-59.4)
Hepatitis A	3,564	792	1.57	61.1 (59.5-62.7)	54.0 (51.0-57.1)	64.0 (62.1-65.9)	51.8 (48.3-55.2)
Norovirus	12,638	-858	0.87	46.6 (45.7-47.5)	52.5 (49.0-56.0)	46.2 (45.3-47.1)	56.0 (54.9-57.2)
<i>Salmonella</i> spp. (non-typhoidal)	45,910	-816	0.97	49.1 (48.7-49.6)	48.8 (47.8-49.8)	49.2 (48.7-49.7)	53.1 (52.5-53.8)
<i>Salmonella</i> spp. (typhoidal)	1,483	161	1.24	55.4 (52.9-58.0)	56.4 (52.8-59.9)	54.4 (50.6-58.1)	53.6 (48.9-58.3)
<i>Shigella</i> spp.	10,506	272	1.05	51.3 (50.3-52.3)	62.5 (60.9-64.0)	44.8 (43.6-46.0)	52.1 (50.2-54.0)
<i>S. flexneri</i>	2,753	651	1.62	61.8 (60.0-63.6)	73.7 (71.1-76.3)	53.2 (50.7-55.7)	50.2 (46.8-53.6)
<i>S. sonnei</i>	6,171	-261	0.92	47.9 (46.6-49.1)	60.0 (57.9-62.2)	41.9 (40.4-43.5)	52.7 (50.1-55.3)
<i>S. flexneri</i> PT2a	234	102	2.55	71.8 (65.6-77.5)	86.4 (78.5-92.2)	58.9 (49.7-67.6)	44.0 (33.2-55.3)
<i>S. flexneri</i> PT3a	338	266	8.39	89.3 (85.6-92.4)	99.0 (96.3-99.9)	85.9 (78.7-91.4)	34.2 (19.6-51.4)
VTEC	3,117	-673	0.64	39.2 (37.5-40.9)	35.5 (30.0-41.3)	39.6 (37.8-41.4)	51.4 (49.8-53.1)
Total	504,123	18,859					

Ratios above a threshold of two or where the percentage male has a lower confidence interval above 50% are shaded.