

Table 4. Cases aged 16 to 65 years diagnosed with *Shigella flexneri* and *Shigella sonnei* infections with no reported travel history, by sex, male-to-female ratio and percentage male for selected serotypes, England, 2003–2013

Organism	Serotype	Sex,m:f ratio and percentage male	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total	p value [†]	
<i>Shigella flexneri</i>	All	Female	77	88	97	95	112	102	110	121	107	76	66	1,051	<0.001	
		Male	65	73	92	95	101	121	137	204	208	257	349	1,702		
		Ratio	0.8	0.8	0.9	1.0	0.9	1.2	1.2	1.7	1.9	3.4	5.3	1.6		
	PT 2a	Percentage (95% CI)	45.8 (37.4-54.3)	45.3 (37.5-53.4)	48.7 (41.4-56.0)	50.0 (42.7-57.3)	47.4 (40.6-54.4)	54.3 (47.5-60.9)	55.5 (49.0-61.8)	62.8 (57.3-68.0)	66 (60.5-71.2)	77.2 (72.3-81.6)	84.1 (80.2-87.5)	61.8 (60.0-63.6)	<0.001	
		Female	4	7	4	4	2	4	3	3	7	14	14	66		
		Male	3	2	5	4	0	4	7	6	21	42	74	168		
	PT 3a	Ratio	0.8	0.3	1.3	1.0	0.0	1.0	2.3	2.0	3.0	3.0	5.3	2.5	<0.001	
		Percentage (95% CI)	42.9 (9.9-81.6)	22.2 (2.8-60.0)	55.6 (21.2-86.3)	50.0 (15.7-84.3)	0 (0-84.2)	50.0 (15.7-84.3)	70.0 (34.8-93.3)	66.7 (29.9-92.5)	75.0 (55.1-89.3)	75.0 (61.6-85.6)	84.1 (74.8-91)	71.8 (65.6-77.5)		
		Female	3	0	2	1	0	2	1	0	1	11	15	36		
	<i>Shigella sonnei</i>	All	Male	2	1	1	0	7	4	4	8	23	82	170	302	<0.001
			Ratio	0.7	∞	0.5	0.0	∞	2.0	4.0	∞	23.0	7.5	11.3	8.4	
			Percentage (95% CI)	40.0 (5.3-85.3)	100 (2.5-100)	33.3 (0.8-90.6)	0 (0-97.5)	100 (59.0-100)	66.7 (22.3-95.7)	80 (28.4-99.5)	100 (63.1-100)	95.8 (78.9-99.9)	88.2 (79.8-93.9)	91.9 (87-95.4)	89.3 (85.6-92.4)	
All		Female	212	253	326	271	387	304	414	409	261	184	195	3,216	<0.001	
		Male	162	271	262	163	274	247	264	365	295	320	332	2,955		
		Ratio	0.8	1.1	0.8	0.6	0.7	0.8	0.6	0.9	1.1	1.7	1.7	0.9		
All		Percentage (95% CI)	43.3 (38.2-48.5)	51.7 (47.3-56.1)	44.6 (40.5-48.7)	37.6 (33-42.3)	41.5 (37.7-45.3)	44.8 (40.6-49.1)	38.9 (35.2-42.7)	47.2 (43.6-50.7)	53.1 (48.8-57.3)	63.5 (59.1-67.7)	63 (58.7-67.1)	47.9 (46.6-49.1)		

[†]Chi-squared test for linear trend; CI, Confidence Interval.

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