



Public Health
England

Protecting and improving the nation's health

Routine reports of gastrointestinal infections in humans, England and Wales: May and June 2019

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Common gastrointestinal infections in England and Wales

Table 1: Laboratory reports of common gastrointestinal infections in England and Wales reported to Public Health England: weeks 23-26 (3 June - 30 June 2019)

Laboratory reports [*]	23/19	24/19	25/19	26/19	Total Reports 23-26/19	Cumulative total to 26/19	Cumulative total to 26/18
<i>Campylobacter</i> spp.	1645	1587	1495	1473	6200	25665	32304
<i>Cryptosporidium</i> spp.	57	51	49	47	204	1353	2268
<i>Giardia</i> spp.	71	88	76	72	307	2298	2618
<i>Salmonella</i> spp.	175	160	150	154	639	2954	3434
<i>Shigella</i> spp.	63	56	37	56	212	1403	1032
STEC O157 [†]	9	12	16	13	50	157	203
Rotavirus	86	87	70	47	290	2185	1379
Norovirus	76	74	100	76	326	3844	4260

* Results are derived from Public Health England's Second Generation Surveillance System (SGSS) and are a composite of initial results from primary diagnostic laboratories (not yet subtyped) and results that have been subtyped at the relevant national reference laboratories. [†] Shiga toxin producing *Escherichia coli* (STEC) O157 results are derived from Public Health England's National Enhanced Surveillance System for STEC.

Notes: All data are provisional.

Salmonella infections in England and Wales

Details of 720 *Salmonella* infections stratified by serotype reported in the previous period (weeks 18-22, 2019) are given in the table below. In the current reporting period (weeks 23-26, 2019), 639 *Salmonella* infections were reported.

Table 2: *Salmonella* infections (faecal specimens) in England and Wales stratified by serotype: weeks 18-22 (29 April – 2 June 2019)[‡]

Serotype	Total
<i>Salmonella</i> Enteritidis	194
<i>Salmonella</i> Typhimurium	135
<i>Salmonella</i> Newport	25
<i>Salmonella</i> Agona	16
<i>Salmonella</i> Infantis	16
Other <i>Salmonella</i> serovars	334
Total <i>Salmonella</i> infections (provisional data)	720

Shigella infections in England and Wales

Details of 371 *Shigella* infections stratified by species reported in the previous period (weeks 18-22, 2019) are given in the table below. In the current reporting period (weeks 23-26, 2019), 212 *Shigella* infections were reported.

Table 3: *Shigella* infections (faecal specimens) in England and Wales stratified by species: weeks 18-22 (29 April – 2 June 2019)

Species	Total
<i>Shigella sonnei</i>	102
<i>Shigella flexneri</i>	69
<i>Shigella boydii</i>	16
<i>Shigella dysenteriae</i>	2
<i>Shigella</i> not speciated	182
Total <i>Shigella</i> infections (provisional data)	371

[‡] Subtyping results in Tables 2 and 3 are derived from data generated by Public Health England's Gastrointestinal Bacteria Reference Unit (GBRU). They are presented a month in arrears to allow for the lag between initial diagnosis at primary diagnostic laboratories and confirmatory (sub) typing at the reference laboratory.

Notes: Please note that phage typing for *Salmonella* spp. and *Shigella* spp. ceased as of 1 November 2015.

About Public Health England

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About Health Protection Report

Health Protection Report is a national public health bulletin for England and Wales, published by Public Health England. It is PHE's principal channel for the dissemination of laboratory data relating to pathogens and infections/communicable diseases of public health significance and of reports on outbreaks, incidents and ongoing investigations.

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