



Public Health
England

Protecting and improving the nation's health

Routine reports of foodborne illness in humans, England and Wales: weeks 40 to 43, 2018

Health Protection Report

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Routine reports of foodborne illness in humans, England and Wales: weeks 40 to 43, 2018

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3. *Shigella* infections (faecal specimens) in England and Wales stratified by species: weeks 36 – 39, 2018

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 40 – 43 (1 October – 28 October 2018)

Laboratory reports*	40/18	41/18	42/18	43/18	Total Reports 40-43/18	Cumulative total to 43/18	Cumulative total to 43/17
<i>Campylobacter</i> spp.	1086	986	914	962	3948	51497	47675
<i>Cryptosporidium</i> spp.	156	134	112	79	481	4231	3592
<i>Giardia</i> spp.	105	121	99	91	416	4403	3977
<i>Salmonella</i> spp.	261	261	214	180	916	7631	7319
<i>Shigella</i> spp.	67	55	68	64	254	2079	1548
STEC O157†	23	12	5	12	52	578	530
Rotavirus	18	26	22	12	78	1922	3494
Norovirus	58	64	71	60	253	5137	3733

* 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.

Note: All data are provisional.

Salmonella infections in England and Wales

Details of 1214 *Salmonella* infections stratified by serotype reported in the previous period (weeks 36 – 39, 2018) are given in the table below. In the current reporting period (weeks 40 – 43, 2018), 916 *Salmonella* infections were reported.

Table 2: *Salmonella* infections (faecal specimens) in England and Wales stratified by serotype: weeks 36 - 39 (3 September – 30 September 2018)[‡]

Serotype	Total
<i>Salmonella enteritidis</i>	430
<i>Salmonella typhimurium</i>	273
<i>Salmonella infantis</i>	33
<i>Salmonella newport</i>	33
<i>Salmonella virchow</i>	24
Other <i>Salmonella</i> serovars	421
Total <i>Salmonella</i> infections (provisional data)	1214

Shigella infections in England and Wales

Details of 289 *Shigella* infections stratified by species reported in the previous period (weeks 36 – 39, 2018) are given in the table below. In the current reporting period (weeks 40 – 43, 2018), 254 *Shigella* infections were reported.

Table 3: *Shigella* infections (faecal specimens) in England and Wales stratified by species: weeks 36 - 39 (3 September – 30 September 2018)[‡]

Serotype	Total
<i>Shigella sonnei</i>	133
<i>Shigella flexneri</i>	31
<i>Shigella boydii</i>	11
<i>Shigella dysenteriae</i>	2
<i>Shigella</i> not speciated	112
Total <i>Shigella</i> infections (provisional data)	289

[‡] Serotyping 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: Phage typing for *Salmonella* spp. and *Shigella* spp. ceased as of 1 November 2015. From 1 December 2014, data for these reports has been derived from a new laboratory reporting system (Second Generation Surveillance System, SGSS); direct comparisons between reports prior to and following this period may therefore not be valid. All data are provisional.

About Public Health England

Public Health England exists to protect and improve the nation's health and wellbeing, and reduce health inequalities. We do this through world-class science, knowledge and intelligence, advocacy, partnerships and the delivery of specialist public health services. We are an executive agency of the Department of Health, and are a distinct delivery organisation with operational autonomy to advise and support government, local authorities and the NHS in a professionally independent manner.

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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