



Public Health
England

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Routine reports of foodborne illness in humans, England and Wales: weeks 31 to 35, 2018

Health Protection Report

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Routine reports of foodborne illness in humans, England and Wales: weeks 31 to 35, 2018

1. Common gastrointestinal infections in England and Wales reported to Public Health England by primary diagnostic laboratories: weeks 31 – 35, 2018.
2. *Salmonella* infections (faecal specimens) in England and Wales stratified by serotype: weeks 27 – 30, 2018
3. *Shigella* infections (faecal specimens) in England and Wales stratified by species: weeks 27 – 30, 2018

Table 1. Common gastrointestinal infections in England and Wales reported by primary diagnostic laboratories: weeks 31 – 35, 2018 (30 July – 2 September 2018)

Laboratory reports	31/18	32/18	33/18	34/18	35/18	Total Reports 31-35/18	Cumulative total to 35/18	Cumulative total to 35/17
<i>Campylobacter</i> spp.^	1194	1281	1174	1142	886	5677	43203	37789
STEC O157*	30	29	30	29	26	144	441	361
<i>Salmonella</i> spp.^	219	218	255	269	242	1203	5499	5353
<i>Shigella</i> spp.^	59	57	65	75	56	312	1534	1158
Rotavirus	29	24	33	20	22	128	1724	3303
Norovirus	52	51	39	45	50	237	4666	3196
<i>Cryptosporidium</i> spp.^	71	74	106	141	104	496	2982	2345
<i>Giardia</i> spp.^	87	104	105	131	102	529	3463	3001

Table 2. *Salmonella* infections (faecal specimens) in England and Wales stratified by serotype: weeks 27 – 30 (2 July 2018 – 29 July 2018)[†]

Details of 810 *Salmonella* infections stratified by serotype reported in the previous period (weeks 27 – 30 2018) are given in the table below. In the current reporting period (weeks 31 – 35 2018), 1203 *Salmonella* infections were reported.

Serotype	Total
S. Enteritidis	272
S. Typhimurium	164
S. Newport	29
S. Infantis	21
S. Stanley	17
Others	307
Grand Total*	810

* This data is provisional

Table 3. *Shigella* infections (faecal specimens) in England and Wales stratified by species: weeks 27 – 30 (2 July 2018 – 29 July 2018) ⁺

Details of 193 *Shigella* infections stratified by species reported in the previous period (weeks 27 – 30 2018) are given in the table below. In the current reporting period (weeks 31 – 35 2018), 312 *Shigella* infections were reported.

Serotype	Total
<i>Sh. sonnei</i>	89
<i>Sh. flexneri</i>	33
<i>Sh. boydii</i>	2
<i>Shigella</i> not speciated	69
Grand Total *	193

* This data is provisional

Data sources:

+ Subtyping results in tables 2 – 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.

* Shiga toxin producing *Escherichia coli* (STEC) results in table 1 are derived from Public Health England's National Enhanced Surveillance System for STEC.

^ All other results in table 1 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.

Notes:

Please note that 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.

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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