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England

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# **Routine reports of foodborne illness in humans, England and Wales: weeks 22 to 26, 2018**

Health Protection Report  
Volume 12 Number 26  
21 July 2018

# Routine reports of foodborne illness in humans, England and Wales: weeks 22 to 26, 2018

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**Table 1. Common gastrointestinal infections in England and Wales reported by primary diagnostic laboratories: weeks 22 – 26, 2018**

Laboratory reports	22/18	23/18	24/18	25/18	26/18	Total reports 22-26/18	Cumulative total to 26/18	Cumulative total to 26/17
<i>Campylobacter</i> spp.^	1635	1764	1675	1438	1467	7979	30573	25312
STEC O157*	15	19	17	14	19	85	206	190
<i>Salmonella</i> spp.^	100	155	202	182	188	827	3457	3337
<i>Shigella</i> spp.^	34	30	52	42	38	196	1042	856
Rotavirus^	76	61	64	52	50	303	1288	3063
Norovirus^	68	81	36	50	39	274	4094	2796
<i>Cryptosporidium</i> spp.^	36	62	41	55	48	242	1884	1586
<i>Giardia</i> spp.^	78	96	91	73	99	437	2520	2123

\* Shiga toxin producing *Escherichia coli* (STEC); data derived from PHE's National Enhanced Surveillance System for STEC.

^ Data from PHE's Second Generation Surveillance System (SGSS); these 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.

## Table 2. *Salmonella* infections (faecal specimens) in England and Wales stratified by serotype: weeks 18 – 21 (30 April – 27 May 2018)

Details of 610 *Salmonella* infections stratified by serotype reported in the previous period (weeks 18 - 21 2018) are given in the table below. In the current reporting period (weeks 22 - 26 2018), 827 *Salmonella* infections were reported.

Serotype	Total
S. Enteritidis	173
S. Typhimurium	111
S. Agona	40
S. Newport	29
S. Kentucky	18
Others	239
Grand Total*	610

\* This data is provisional

## Table 3. *Shigella* infections (faecal specimens) in England and Wales stratified by species: weeks 18 – 21 (30 April – 27 May 2018)

Details of 241 *Shigella* infections stratified by species reported in the previous period (weeks 18 - 21 2018) are given in the table below. In the current reporting period (weeks 22 - 26 2018), 191 *Shigella* infections were reported.

Serotype	Total
<i>Sh. sonnei</i>	103
<i>Sh. flexneri</i>	36
<i>Sh. boydii</i>	6
<i>Sh. dysenteriae</i>	7
<i>Shigella</i> not speciated	89
Grand Total *	241

\* This data is provisional

**Table 4. Less common gastrointestinal infections, England and Wales: laboratory reports: quarter 2 (1 April – 30 June 2018)**

Laboratory reports	Total Reports 01/04/18- 30/06/18	Cumulative Total to 30/06/18	Cumulative Total to 30/06/17
<i>Astrovirus</i>	113	272	245
Blastocystis hominis	10	23	81
<i>Dientamoeba fragilis</i>	1	5	28
<i>Entamoeba histolytica</i>	3	8	19
<i>Plesiomonas</i>	22	32	25
Sapovirus	104	271	229
<i>Vibrio spp.</i>	15	25	42
<i>Yersinia spp.</i>	80	112	64

## Notes

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.

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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Published: July 2018

PHE publications gateway number: 2018218

