



CDR WEEKLY

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News

Last updated: **12 August 2004**
Next update due: **19 August 2004**

[Salmonella Typhi Vi-phage type E9 variant](#)

Salmonella Typhi Vi-phage type E9 variant






Since January this year the HPA Laboratory of Enteric Pathogens (LEP) has reported on 12 cases (11 in England and Wales and 1 in Scotland) infected with a variant strain of *Salmonella* Typhi Vi-phage type E9. Nine of the cases have been reported since 1 July [Birmingham (2); Brighton (1); London (3); Warwick (1); Wolverhampton (1) Edinburgh (1)]. Six are known to have either recently visited or arrived in this country from India. All of the isolates have low susceptibility to ciprofloxacin and eight have additional resistance to nalidixic acid.

In 2003 LEP reported on three cases infected with *S.* Typhi Vi-phage type E9 but these strains had different antimicrobial patterns.

Information on areas of residency or visited by the cases could be invaluable in this investigation. Any such information should be sent to Linda Ward in LEP, email Linda.Ward@hpa.org.uk.

Enteric

Last updated: 12 August 2004
Next update due: 9 September 2004

-  [General outbreaks of foodborne illness, England and Wales, laboratory reports: weeks 27-31/04](#)
-  [Salmonella infections, England and Wales, reports to the HPA \(salmonella data set\): June 2004](#)
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General outbreaks of foodborne illness, England and Wales, laboratory reports: weeks 27-31/04

Preliminary information has been received about the following outbreaks. Final information will be published in the quarterly report.

Health Protection Unit	Organism	Location of food prepared or served	Month of outbreak	Number ill	Cases positive	Suspect vehicle	Evidence
County Durham	<i>Escherichia coli</i> O157	Retailer	June	9	12	–	–
Dorset	<i>Salmonella</i> . Enteritidis PT6D	Restaurant	June	8	8	Eggs	M
North West London	<i>S. Enteritidis</i> PT14B	Restaurant	May	2	2	Omlette and seafood	D
South East London	<i>S. Enteritidis</i> PT14B	Restaurant	June	17	>14	–	–
North Central London	<i>S. Enteritidis</i> PT57	Retailer	July	4	4	Chicken	D
County Durham	<i>S. Typhimurium</i> DT104	Retailer	July	>50	>50	–	–

D = Descriptive

M = microbiological

Salmonella infections (faecal specimens), England and Wales, reports to the HPA (*salmonella* data set*): June 2004

Details of serotypes of the 1078 salmonella infections recorded in June 2004 are given in the table below. In July 2004, 1092 salmonella infections were recorded and preliminary information was received about five outbreaks (see table above).

	June 2004
Total <i>Salmonella</i> *	1078
S. Enteritidis (PT4)	216
S. Enteritidis (other PTs)	555
S. Typhimurium	102
S. Virchow	19
Others (typed)	186

* Data provisional.

Common gastrointestinal infections, England and Wales, laboratory reports: weeks 27-31/04

Laboratory reports	Number of reports received					Total reports 27-31/04	Cumulative total to	
	27/04	28/04	29/04	30/04	31/04		31/04	31/03
<i>Campylobacter</i>	891	755	610	458	274	3015	22,269	26,035
<i>Escherichia coli</i> O157*	30	24	20	20	24	118	310	192
<i>Salmonella</i>†	252	299	293	236	170	1250	5149	6877
<i>Shigella sonnei</i>	9	12	10	5	2	38	324	362
Rotavirus	81	55	45	32	20	233	12,274	14081
Norovirus	51	41	51	28	9	180	1485	1710
<i>Cryptosporidium</i>	26	37	34	23	26	146	1403	1709
<i>Giardia</i>	51	34	32	31	13	161	1442	1694

* Vero cytotoxin producing isolates (data from Health Protection Agency's Laboratory of Enteric Pathogens (LEP)).

† Data from Health Protection Agency's Laboratory of Enteric Pathogens.



Typhoid and paratyphoid, laboratory reports, England and Wales: January to March 2004

Organism and phage type	Infection acquired abroad			Excreters and carriers	
	Number of cases	Yes	No		
S. Typhi					
A	1	–	–	1	–
B1	2	–	–	2	–
D1	5	2	–	3	–
E1	9	6	–	3	–
E9	3	1	–	–	–
E14	3	3	–	–	–
M1	1	1	–	–	–
N	1	1	–	–	–
O	1	1	–	–	–
Degraded	2	2	–	–	–
Untypable	2	2	–	–	–
Untypable Vi-1	2	2	–	–	–
Untypable Vi-2	1	1	–	–	–
Vi-negative	1	–	–	1	–
28	2	1	–	1	–
Total	36	23	–	11	–
S. Paratyphi A					
1	9	6	1	2	–
1A	1	–	1	–	–
2	3	3	–	–	–
4	10	6	–	4	–
13	5	2	–	3	–
Total	28	17	2	7	–
S. Paratyphi C					
	1	1	–	–	–

Thirty-six cases of *Salmonella* Typhi infection were reported in the first quarter of 2004. Twenty-three cases were infected abroad (Indian subcontinent 17, Nigeria 5, Thailand 1). In 11 cases the country of infection was not stated.

Twenty-eight cases of *S. Paratyphi* A infection were reported. Seventeen cases were infected abroad (Indian subcontinent 15, abroad country unspecified 2). In 11 cases the country of infection was not stated.

No cases of *S. Paratyphi* B infection were reported this quarter.

One case of *S. Paratyphi* C infection was reported. This case acquired their infection in the Indian subcontinent.



Typhoid and paratyphoid, laboratory reports, England and Wales: April to June 2004

Organism and phage type	Infection acquired abroad			Excretors and carriers	
	Number of cases	Yes	No		Not reported
S. Typhi					
B1	2	1	–	1	–
C1	3	1	–	2	–
D1	4	4	–	–	–
D1-N	1	–	–	1	–
D2	1	1	–	–	–
Degraded	8	2	–	6	–
E1	12	7	–	5	–
E3	1	–	–	1	–
E9	1	–	–	1	–
J1	1	–	–	1	–
25	1	–	–	1	–
Untypable	8	3	–	5	–
Untypable Vi-1	2	2	–	–	–
Untypable Vi-2	3	3	–	–	–
Vi negative	3	1	–	2	–
Total	51	25	–	26	–
S. Paratyphi					
1	12	9	–	3	–
1A	7	6	–	1	–
2	2	–	–	2	–
4	16	11	–	5	–
6A	1	–	–	1	–
13	11	7	–	4	–
Untypable	1	1	–	–	–
Total	50	34	–	16	–
S. Paratyphi B					
Taunton	2	–	–	2	–

Fifty-one cases of *Salmonella* Typhi infection were reported in the second quarter of 2004. Twenty-five cases were infected abroad (Indian subcontinent 12, Nigeria 3, Indonesia 1, abroad country not stated 9). In 26 cases the country of infection was not stated.

Fifty cases of *S. Paratyphi* A infection were reported. Thirty-four cases were infected abroad (Indian subcontinent 28, Bulgaria 1, abroad country unspecified 5). In 16 cases the country of infection was not stated.

Two cases of *S. Paratyphi* B infection were reported and their country of infection was not stated.