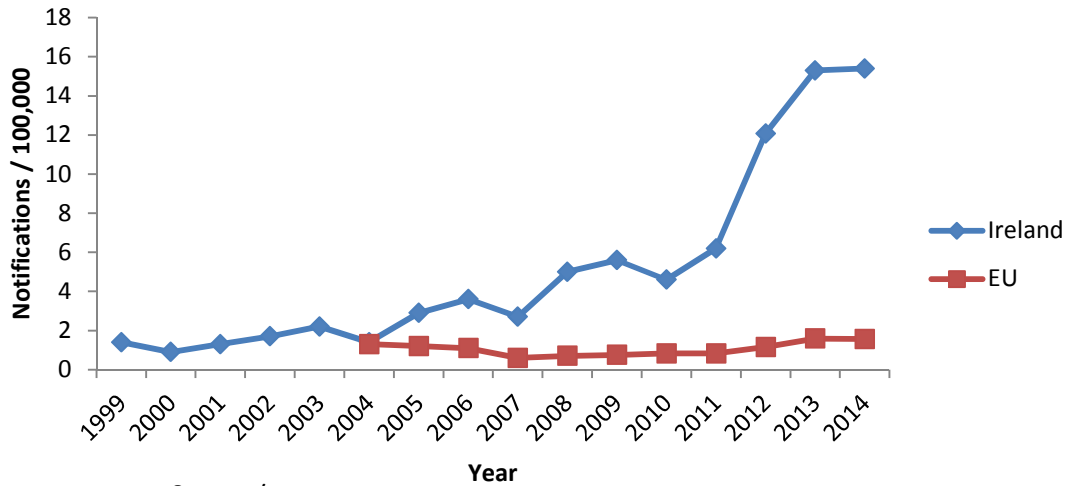


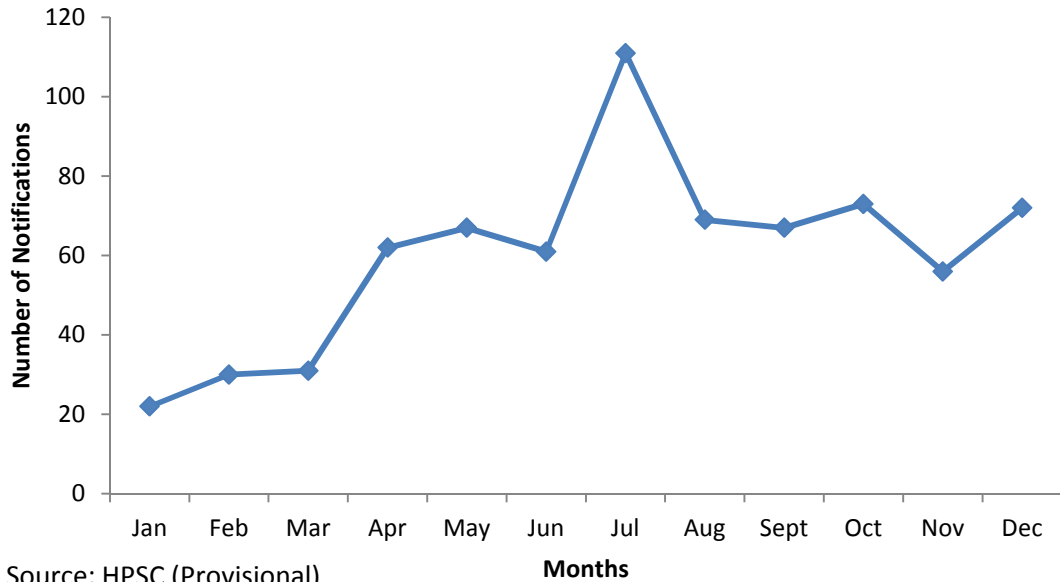
VTEC infection in Humans 2014

Figure 1. Crude Incidence Rate of VTEC Notifications per 100,000 Population in Ireland from 1999 to 2014 and in the EU from 2004 to 2014



Source: HPSC & EFSA/ECDC

Figure 2. Seasonal Distribution of VTEC Notifications, Ireland 2014



Source: HPSC (Provisional)

Figure 3. Number of notifiable cases of VTEC infection by age group in Ireland, 2014

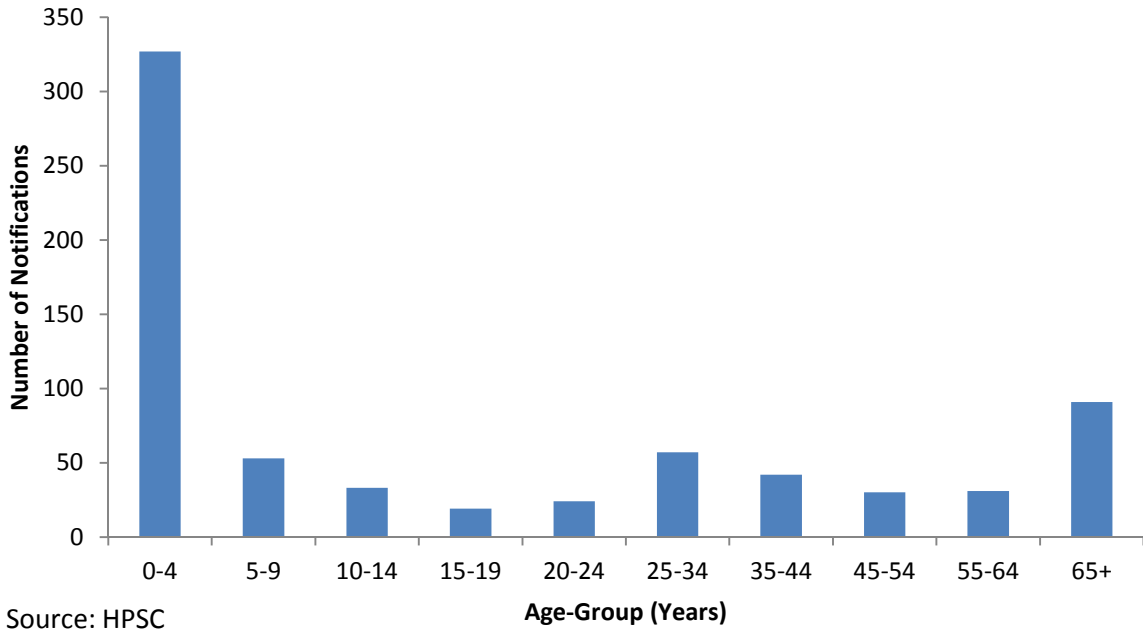


Figure 4. Number of notifiable cases of VTEC infections by gender in Ireland, 2014

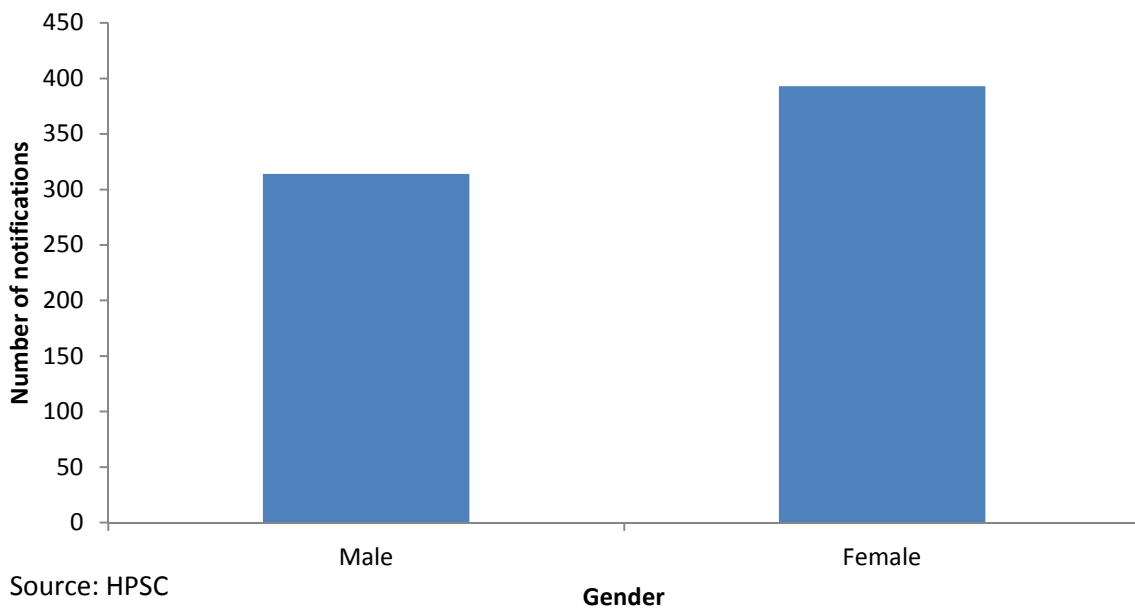


Table 1: Serotype and verotoxin (vt) profiles for strains associated with laboratory confirmed VTEC cases, 2014

Serogroup	vt1	vt1+vt2	vt2	Total
O26	98	126	9	233
O157		31	147	178
O145	1	5	25	31
O146	9	6	5	20
O103	16		2	18
O111	1	9		10
O5	5	2		7
O182	6			6
O76	4	1		5
O84	5			5
O128ab		3	1	4
O55	2		2	4
O91	1	2	1	4
O108	3			3
O118	3			3
O177	2		1	3
O113	1	1		2
O163			2	2
O165		2		2
O75		1	1	2
O78	2			2
O8			2	2
O105ac			1	1
O107	1			1
O112ab	1			1
O123			1	1
O128ac	1			1
O128ad		1		1
O138			1	1
O181	1			1
O98	1			1
OE11362-78			1	1
Ungroupable	56	41	48	145
Mixed Infections	2	1		3
Total	220	232	250	704

Source: HPSC

Table 2: VTEC outbreaks by suspected mode of transmission, Ireland, 2014

Transmission Route	Number of outbreaks	Number ill	Number of associated events
Person-to-person	40	124	166
Foodborne	1	3	5
Person-to-person and foodborne	0	0	0
Waterborne	7	12	15
Person-to-person and animal contact	3	9	8
Person-to-person and waterborne	2	7	8
Animal contact	3	2	6
Environmental / fomite	3	5	8
Foodborne and animal contact	0	0	0
Unknown	22	37	55
Not specified	2	3	4
TOTAL	83*	202	275

*Of the 83 outbreaks recorded in 2014, 73 were family-type outbreaks while 10 were general-type outbreaks
Source: HPSC

Sources of data:

HPSC: Health Protection Surveillance Centre. Annual Epidemiological Report 2014.

<http://www.hpsc.ie/AboutHPSC/AnnualReports/File,15505,en.pdf>

EFSA/ECDC: European Food Safety Authority and European Centre for Disease Prevention and Control. The European Union summary report on trends and sources of zoonoses, zoonotic agents and food-borne outbreaks in 2014.

<https://www.efsa.europa.eu/en/efsajournal/pub/4329>

HPSC (Provisional): Health Protection Surveillance Centre. Surveillance of Infectious Intestinal (IID), Zoonotic and Vectorborne Disease, and Outbreaks of Infectious Disease Quarterly Reports, 2014 (Provisional Data).

<http://www.hpsc.ie/A->

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