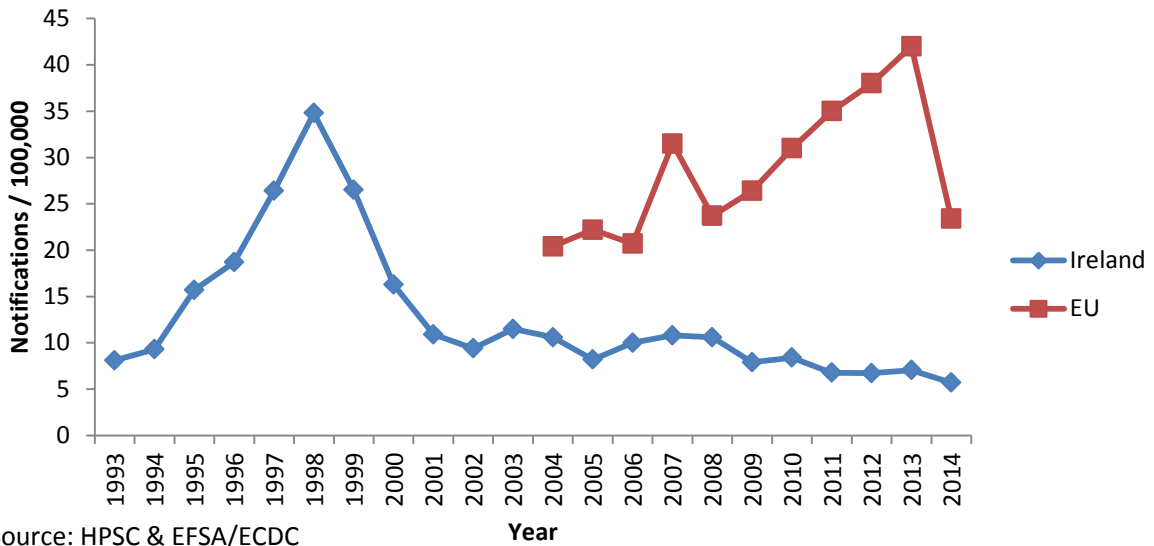


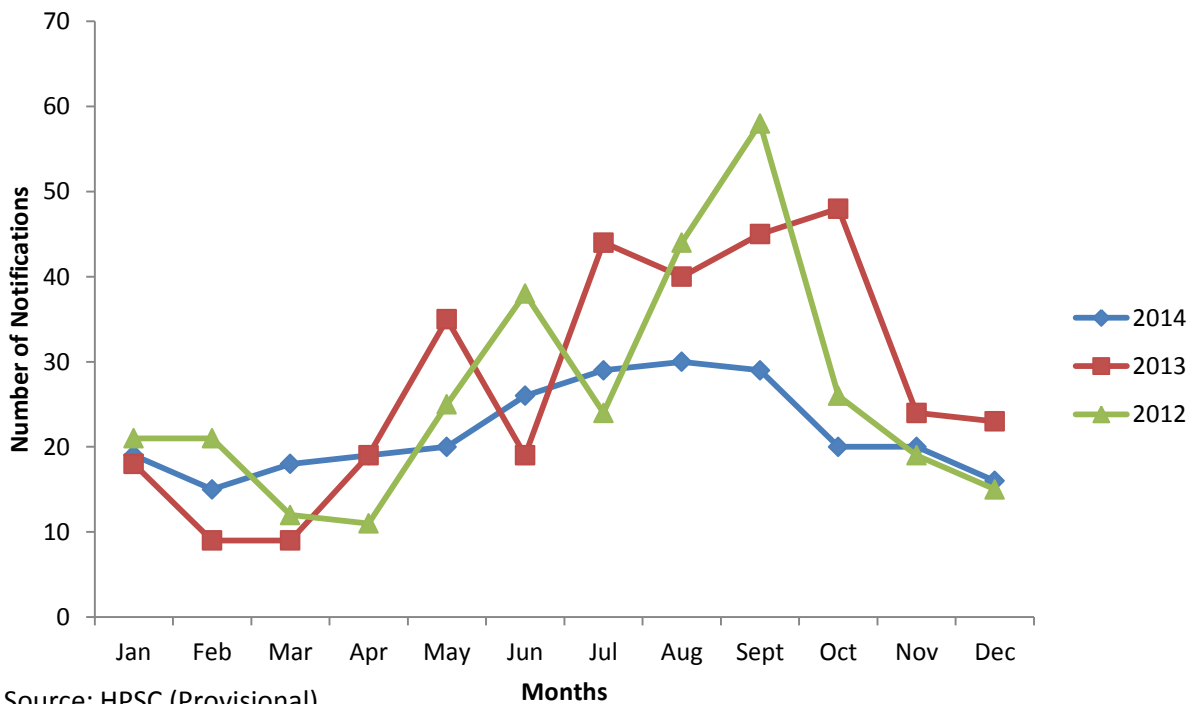
Salmonellosis in Humans 2014

Figure 1. Crude Incidence Rate of Salmonellosis Notifications per 100,000 Population in Ireland from 1982 to 2014 and in the EU from 2004 to 2014



Source: HPSC & EFSA/ECDC

Figure 2. Seasonal Distribution of Salmonellosis Notifications in Ireland in 2012, 2013 and 2014



Source: HPSC (Provisional)

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

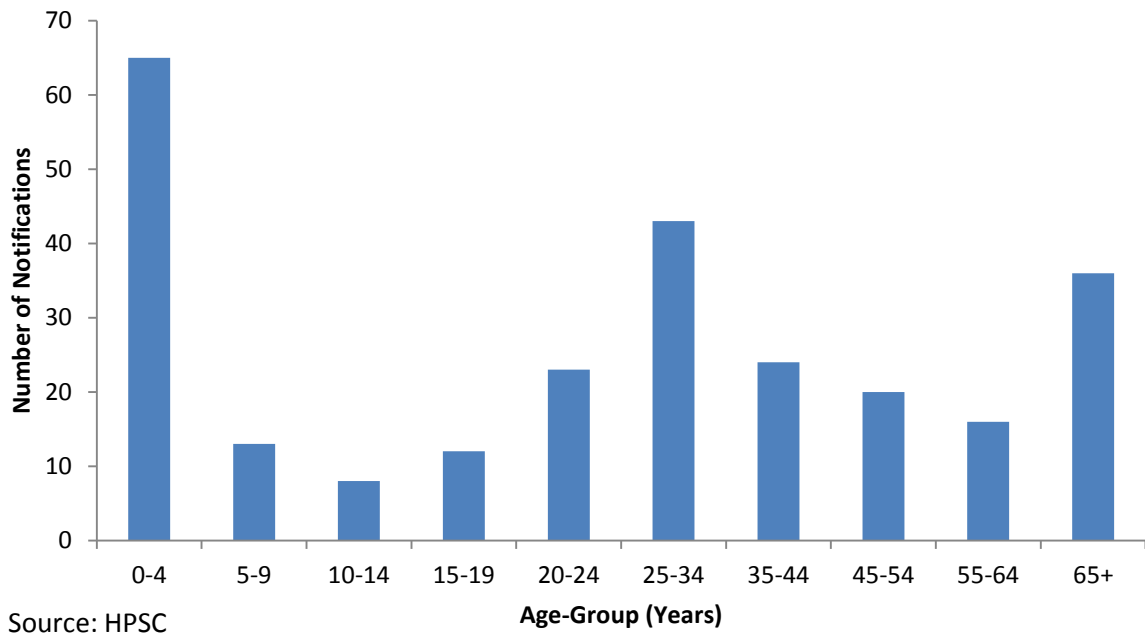


Figure 4. Number of notifiable cases of Salmonellosis by gender in Ireland, 2014

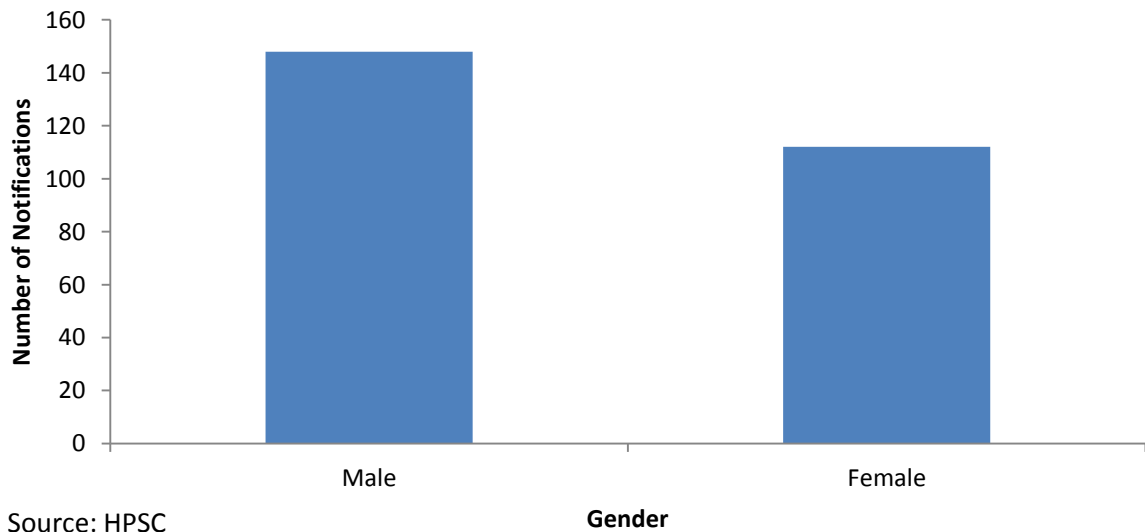


Table 1. *Salmonella* outbreaks in humans in 2014

Summary		Outbreak settings		Mode of transmission	
Total no. of outbreaks	8	General*	2	Foodborne	2
No. of cases of illness due to outbreaks	20	Family**	5	Person to Person	4
No. of hospitalisations due to outbreaks	3	Travel related Family	1	Unknown	2

*includes community, educational and healthcare settings

**includes private house and extended family settings

Source: HPSC

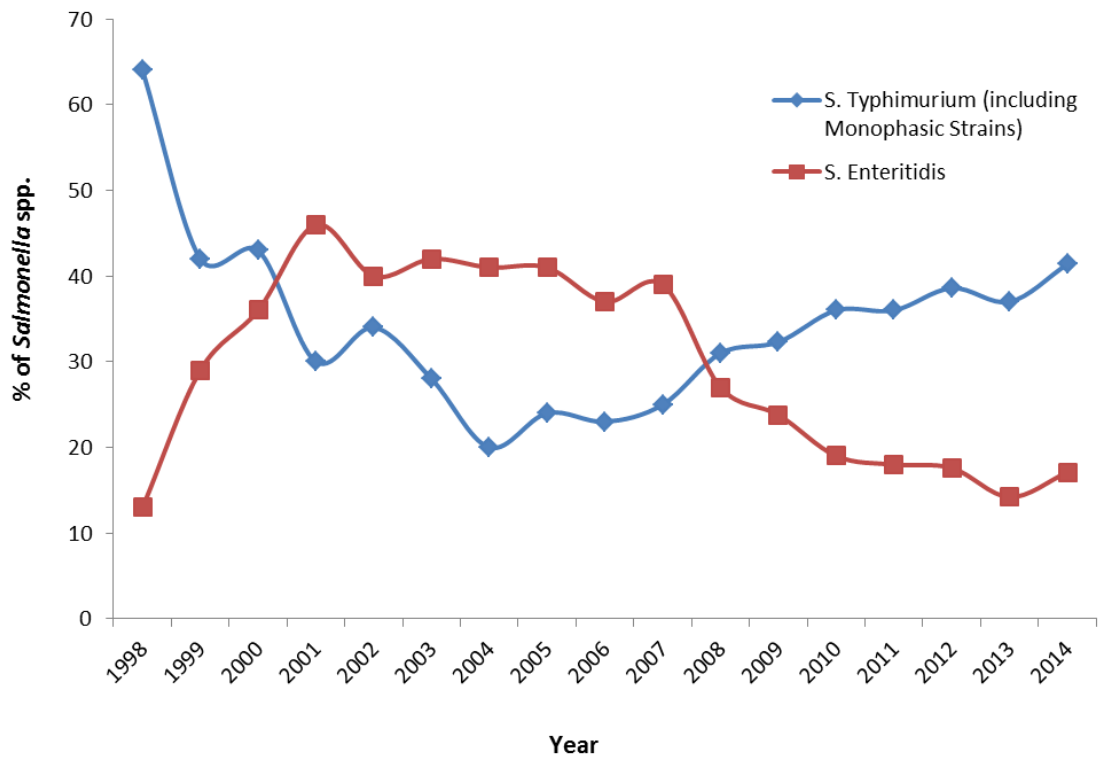
Table 2: Serotype distribution of *Salmonella* isolates referred to the NSSLRL in 2014

Serotype	Number of isolates (%)
Typhimurium*	70 (27.1)
Enteritidis	44 (17.1)
Typhi	8 (3.1)
Newport	8 (3.1)
Infantis	7 (2.7)
Stanley	6 (2.3)
Bredeney	5 (1.9)
Dublin	5 (1.9)
Java	5 (1.9)
Kentucky	4 (1.6)
Bovismorbificans	3 (1.2)
Heidelberg	3 (1.2)
Paratyphi A	3 (1.2)
Saintpaul	3 (1.2)
Others	47 (18.2)
Total	258

*Includes monophasic *S. Typhimurium* isolates (n=37)

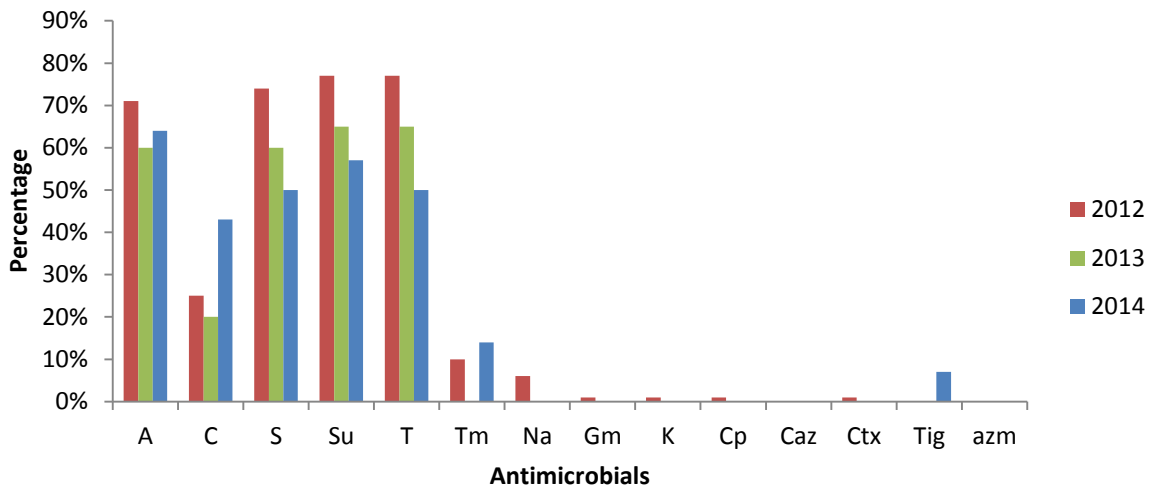
Source: NSSLRL

Figure 5. Percentage of *S. Typhimurium* and *S. Enteritidis* isolates referred to the NSSLRL from 1998 to 2014



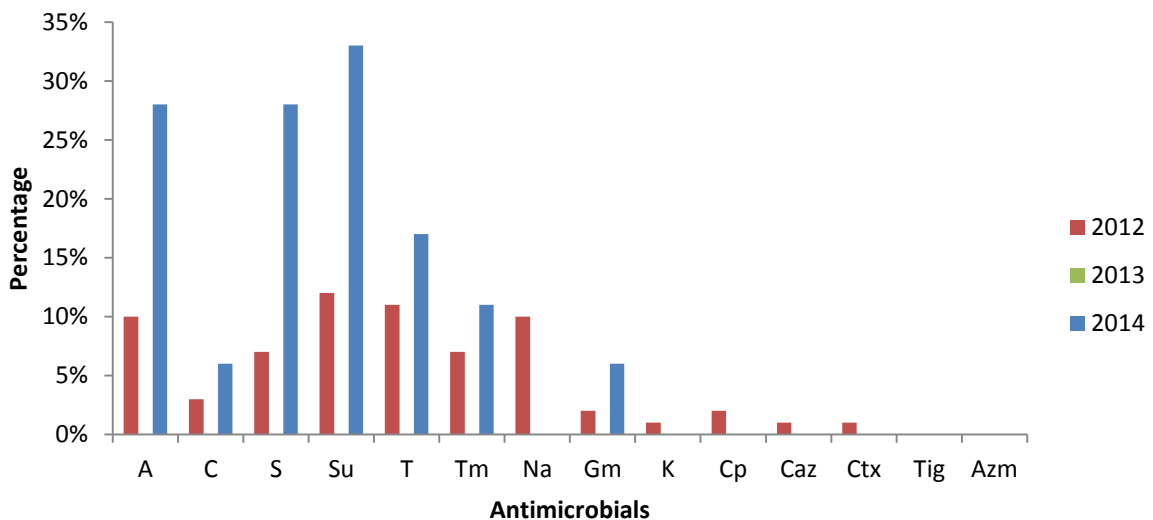
Source: NSSLRL

Figure 6. Antimicrobial resistance in Irish* clinical isolates referred to the NSSLRL of *S. Typhimurium* in 2012 (n=103), 2013 (n=20) and 2014 (n=14)**



Source: NSSLRL

Figure 7. Antimicrobial resistance in Irish* clinical isolates referred to the NSSLRL of Non-Typhimurium *Salmonella* spp*** in 2012 (n=116), 2013 (n=23) and 2014 (n=18)**



Source: NSSLRL

*Excluding isolates (n=226) associated with foreign travel or unknown isolates from 2014

**Isolated from faeces, blood and urine

***Includes the monophasic variant of *Salmonella* Typhimurium

Ampicillin (A); Chloramphenicol (C); Streptomycin (S); Sulphonamides (Su); Tetracycline (T); Trimethoprim (Tm); Nalidixic acid (Na); Gentamycin (Gm); Kanamycin (K); Ciprofloxacin (Cp); Ceftazidime (Caz) and Cefotaxime (Ctx); Tigecycline (Tig); Azithromycin (Amz)

Sources of data:

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http://www.nuigalway.ie/salmonella_lab/downloads/national_salmonella_shigella_listeria_reference_laboratory_annual_report_human_for_ireland_2014.pdf