

### Total Healthcare associated infection (HCAI)

Country	Total patients surveyed	Number of patients with HCAI	Prevalence rate	95% Confidence interval
Republic of Ireland	7541	369	4.89	4.43 – 5.40
Northern Ireland	3644	198	5.43	4.74 – 6.22
Wales	5734	364	6.35	5.75 – 7.01
England	58755	4812	8.19	7.97 – 8.41

### MRSA infection

Country	Total patients surveyed	Number of patients with HCAI where MRSA was the causative organism	MRSA Prevalence rate	95% Confidence interval
Republic of Ireland	7541	37	0.49	0.36 – 0.68
Northern Ireland	3644	31	0.85	0.60 – 1.20
Wales	5734	50	0.87	0.66 – 1.15
England	58755	755	1.28	1.2 – 1.38

***Clostridium difficile* infection**

<b>Country</b>	<b>Total patients surveyed</b>	<b>Number of patients with <i>C.difficile</i> diarrhoea</b>	<b><i>C. difficile</i> Prevalence rate</b>	<b>95% Confidence interval</b>
<b>Republic of Ireland</b>	<b>7541</b>	<b>36</b>	<b>0.48</b>	<b>0.35 – 0.66</b>
Northern Ireland	3644	41	1.13	0.83 – 1.52
Wales	5734	63	1.1	0.86 – 1.40
England	58755	1163	1.98	1.87 – 2.09

**Norovirus infection**

<b>Country</b>	<b>Total patients surveyed</b>	<b>Number of patients with norovirus diarrhoea</b>	<b>Norovirus Prevalence rate</b>	<b>95% Confidence interval</b>
<b>Republic of Ireland</b>	<b>7541</b>	<b>27</b>	<b>0.36</b>	<b>0.25 – 0.52</b>
Northern Ireland	3644	16	0.44	0.27 – 0.71
Wales	5734	57	0.99	0.77 – 1.29
England	58755	434	0.74	0.67 – 0.81

### HCAI Infection type

Infection type	Republic of Ireland (95% CI*)	Northern Ireland (95% CI*)	Wales (95% CI*)	England (95% CI*)
Bone and Joint	0.04 (0.01 – 0.12)	0.11 (0.04 – 0.28)	0.07 (0.03 – 0.18)	0.11 (0.09 – 0.14)
Cardiovascular system	0.08 (0.04 – 0.17)	0	0	0.1 (0.08 – 0.13)
Central nervous system	0.01 (0.0 – 0.08)	0	0.02 (0.0 – 0.1)	0.02 (0.01 – 0.04)
Eyes, ENT or Mouth	0.15 (0.08 – 0.26)	0	0.21 (0.12 – 0.37)	0.27 (0.23 – 0.31)
Gastrointestinal system	0.6 (0.45 – 0.80)	0.77 (0.53 – 1.11)	1.08 (0.84 – 1.38)	2.02 (1.91–2.13)
Lower Respiratory Tract (not pneumonia)	0.17 (0.1 – 0.29)	0.25 (0.13–0.47)	0.99 (0.77 – 1.29)	0.55 (0.50 – 0.62)
Pneumonia	0.86 (0.68 – 1.1)	1.29 (0.97 – 1.71)	0.68 (0.50 – 0.93)	1.27 (1.19–1.37)
Primary bloodstream	0.49 (0.36 – 0.68)	0.38 (0.23 – 0.64)	0.56 (0.40 – 0.79)	0.62 (0.56 – 0.69)
Reproductive tract	0.03 (0.01 – 0.1)	0.05 (0.02 – 0.20)	0.05 (0.02 – 0.15)	0.06 (0.04 – 0.08)
Skin and Soft tissue	0.48 (0.35 – 0.66)	0.47 (0.29 – 0.75)	0.87 (0.66 – 1.15)	0.96 (0.88–1.04)
Surgical site - All patients surveyed	1.1 (0.89 – 1.36)	0.82 (0.58 – 1.17)	1.26 (1.00 – 1.58)	1.27 (1.18–1.36)
- Patients who had Surgical procedures	4.47 (3.62 – 6.00)	3.69 (2.59 – 5.21)	5.35 (4.27 – 6.68)	4.65 (4.33 – 4.99)
Systemic	0.01 (0.01 – 0.08)	0	0.1 (0.05 – 0.23)	0.11 (0.09 – 0.14)
Urinary Tract	1.1 (0.89 – 1.36)	1.84 (1.45 – 2.33)	1.08 (0.84 – 1.38)	1.8 (1.18 – 1.36)

\*CI Confidence Interval