



Feidhmeannacht na Seirbhíse Sláinte  
Health Service Executive



# HSE Healthcare-Associated Infection (HCAI) Report on *Staphylococcus aureus* bloodstream isolates in Ireland by acute public hospital, Q1 2008-Q4 2008

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Data correct as of:  
16<sup>th</sup> April 2009

## Key Abbreviations used

- AMR** – Antimicrobial resistance  
**BLC** – Blood culture  
**EARSS** – European Antimicrobial Resistance Surveillance System  
**HCAI** – Healthcare-associated infection  
**MRSA** – Meticillin-Resistant *Staphylococcus aureus*  
**MSSA** – Meticillin-Susceptible *Staphylococcus aureus*  
**SAU** – *Staphylococcus aureus*

## April 2009

Report produced by the Irish EARSS Steering Group with special thanks to all the participating laboratories for their continued support and commitment to this surveillance system

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## Key Results

- ⊙ In Q4 2008, MRSA accounted for 92 (31.7%) of 290 *S. aureus* bloodstream isolates from acute public hospitals in Ireland resulting in an MRSA rate of 0.10 episodes per 1,000 bed days used. This compares with 32.9% and 0.11 episodes per 1,000 bed days used in Q3 2008
- ⊙ For 2008, corresponding to the latest 4-quarter period, Q1 2008-Q4 2008, MRSA accounted for 420 (33.9%) of 1,240 *S. aureus* isolates resulting in an MRSA rate of 0.12 episodes per 1,000 bed days used. This compares with 39.3% and 0.14 episodes per 1,000 bed days used in 2007. The trends in MRSA numbers, proportions and rates have been downwards since 2006
- ⊙ Although, the total number of *S. aureus* (both MRSA and MSSA) bloodstream isolates has decreased since 2006, the number that are MSSA has increased from 783 in 2006 (rate, 0.21 episodes per 1,000 bed days used) to 820 in 2008 (rate, 0.22 episodes per 1,000 bed days used)

## Introduction

As part of the HSE strategy for prevention and control of healthcare-associated infection (HCAI), launched in March 2007, the Health Protection Surveillance Centre (HPSC) was asked to coordinate the publication of data relating to HCAI and antimicrobial resistance (AMR) for acute public hospitals in Ireland. The first report was produced in 2007 providing the initial baseline publication of these data.

Data on *Staphylococcus aureus* bloodstream isolates in Ireland are collected as part of the European Antimicrobial Resistance Surveillance System (EARSS). The primary value of this dataset, as with any surveillance data, is to the individual data providers, allowing individual hospitals to monitor trends over time, assess the impact of infection prevention and control interventions, and identify targets for future interventions and resource requirements.

The report presented here provides a summary of the quarterly data for the most recent four quarters from Q1 2008 to Q4 2008 (Table 1) and the complete annual data set for the same period (Table 2) (**Note: 2008 data are provisional**). The complete quarterly data sets for each individual quarter since Q4 2007 are also presented (Appendices 1-5) along with the complete annual data sets for 2006, 2007 and 2008, with the latter corresponding to the latest 4-quarter period from Q1 2008-Q4 2008 (Appendices 6-8).

The data included in this report do not allow direct comparison of results between individual hospitals. This is due to a number of reasons:

1. **Differences in hospital activity:** The data do not take account of differences in patient populations, clinical services provided, inter-hospital patient transfers and other differences in activity between hospitals.
2. **Denominator data used:** Rates have been calculated using data on acute bed-days used, provided to the HSE Performance Monitoring Unit (PMU) by all acute publicly-funded hospitals on a monthly basis and validated by the reporting hospital before being released. This is based on the average number of available acute in-patient beds during the previous month, and not on the total bed capacity of a hospital. It does not include long-stay or day case (including dialysis) bed use, but does include acute psychiatric bed use (where the latter are included in the bed complement of an acute hospital). The use of these denominator data may lead to an overestimate of rates for some hospitals, particularly if a hospital has a large number of non-acute beds, day-case beds and dialysis beds, which may contribute to overall hospital activity.

While the PMU make every effort to ensure the data are validated, there are likely to be small discrepancies in the estimated number of acute bed-days used, compared to locally estimated data, due to fluctuations in the number of available acute beds.

## **Staphylococcus aureus bloodstream isolates**

### **Background**

Bloodstream infection (bloodstream infection) due to *S. aureus* in general, and methicillin-resistant *S. aureus* (MRSA) in particular, has long been recognised as a major healthcare problem in Ireland. Since 1999, Irish hospitals have been contributing data on a voluntary basis on such infections to EARSS. As of July 2008, 42 microbiology laboratories in Ireland were participating in EARSS, covering 60 acute hospitals (both public and private).

### **Definitions**

Under the case definition for EARSS, data are collected on the first bloodstream isolate of *S. aureus* per patient per quarter. The following data are included in this report:

- The **number of *S. aureus* isolates**, including the **number of MRSA and MSSA isolates**
- The **percentage MRSA** (i.e. the proportion of *S. aureus* isolates reported that were methicillin-resistant)
- The ***S. aureus*, MRSA and MSSA rates per 1,000 bed days used**
- An indication of the frequency with which MRSA was isolated from blood cultures is provided by the **MRSA rate per 100 blood cultures**
- An indication of the frequency with which blood cultures are taken/examined is provided by the **blood culturing rate per 1,000 admissions**

Details of the reported bed-day usage, inpatient admissions and number of blood cultures processed are also included.

### **Other limitations**

- The EARSS surveillance system is designed to collect national-level data on AMR. Thus, when the data are broken down to individual hospital level the comparisons that can be made at national level may no longer apply
- The EARSS case definition does not distinguish between clinically significant and non-significant bloodstream isolates. Thus, some of the *S. aureus* (including MRSA) isolates reported may be contaminants (e.g. from bacteria on the patient's skin), rather than true bloodstream infections
- The EARSS case definition only includes bacteria isolated from blood cultures, and does not include other types of infection caused by *S. aureus*, such as wound infections, pneumonia, etc
- The EARSS case definition only includes the first isolate of *S. aureus* from each patient in each three month period or quarter. This is a standardised method for surveillance of antimicrobial resistance and allows comparison of data between participating countries. However, this does mean that not all episodes of *S. aureus* bloodstream infection are reported, e.g. a patient may have more than one episode of infection in a three month period, but only the first episode is reported to EARSS. If MRSA is isolated subsequent to methicillin-susceptible *S. aureus*, or MSSA, in the same quarter then the MRSA isolate will not be included in the data, and *vice versa* if MSSA is isolated subsequent to MRSA. In addition, some duplicates are also included as *S. aureus* (either MRSA or MSSA) can be isolated from the same patient over two or more quarters during the year
- The fact that a patient is diagnosed with a bloodstream infection at a given hospital does not indicate that that infection was acquired at that hospital. Many bloodstream infections are acquired in the community, but only diagnosed on admission to hospital. Likewise a patient may have acquired a bloodstream infection in one hospital, but the infection may only be diagnosed on transfer to another hospital
- The frequency with which blood cultures are taken depends on the numbers and types of patients being treated at that hospital and access to laboratory services. Hospitals that have a high frequency of taking blood cultures are more likely to diagnose bloodstream infections, but are also more likely to detect contaminated blood cultures
- For any dataset, including the EARSS data, it is difficult to know how consistently/uniformly the case definitions have been applied in the absence of a mechanism for auditing the data collection process

**April 2009**

**Table 1.** Summary of *S. aureus*/MRSA bloodstream infection data from acute public hospitals for 2008: the latest 4-quarter period, from Q1 2008 to Q4 2008 (2008 data are provisional)

Hospital Name	Latest 4 quarters												Latest 4-quarter total							
	Q1 2008				Q2 2008				Q3 2008				Q4 2008				Q1 2008-Q4 2008			
	SAU number	MRSA number	%MRSA	MRSA rate per 1,000 bed days used	SAU number	MRSA number	%MRSA	MRSA rate per 1,000 bed days used	SAU number	MRSA number	%MRSA	MRSA rate per 1,000 bed days used	SAU number	MRSA number	%MRSA	MRSA rate per 1,000 bed days used	SAU number	MRSA number	%MRSA	MRSA rate per 1,000 bed days used
AMNCH, Tallaght	21	8	38.1%	0.17	20	5	25.0%	0.11	20	9	45.0%	0.19	19	5	26.3%	0.10	80	27	33.8%	0.14
Bantry GH	1	0	0.0%	0.00	2	1	50.0%	0.15	0	0	0.0%	0.00	2	0	0.0%	0.00	5	1	20.0%	0.04
Beaumont Hospital	34	16	47.1%	0.28	25	9	36.0%	0.16	29	12	41.4%	0.21	22	8	36.4%	0.14	110	45	40.9%	0.20
Cappagh National OH	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00
Cavan General Hospital	5	1	20.0%	0.06	7	0	0.0%	0.00	5	0	0.0%	0.00	5	2	40.0%	0.12	22	3	13.6%	0.05
Children's UH, Temple St	1	0	0.0%	0.00	2	0	0.0%	0.00	4	0	0.0%	0.00	4	2	50.0%	0.25	11	2	18.2%	0.07
Connolly Hospital, Blanchardstown	9	2	22.2%	0.10	3	0	0.0%	0.00	13	3	23.1%	0.16	8	3	37.5%	0.15	33	8	24.2%	0.10
Coombe Women's Hospital	3	0	0.0%	0.00	0	0	0.0%	0.00	4	1	25.0%	0.07	2	0	0.0%	0.00	9	1	11.1%	0.02
Cork UH <sup>1</sup>	24	6	25.0%	0.11	20	3	15.0%	0.06	20	7	35.0%	0.10	24	9	37.5%	0.16	88	25	28.4%	0.12
Galway University Hospitals <sup>2</sup>	28	15	53.6%	0.26	19	8	42.1%	0.14	19	12	63.2%	0.22	23	12	52.2%	0.22	89	47	52.8%	0.21
Kerry GH, Tralee	9	5	55.6%	0.25	6	5	83.3%	0.24	5	3	60.0%	0.16	1	0	0.0%	0.00	21	13	61.9%	0.16
Kilkreene OH, Co. Kilkenny	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00
Letterkenny GH	8	4	50.0%	0.15	7	6	85.7%	0.24	16	5	31.3%	0.21	11	4	36.4%	0.17	42	19	45.2%	0.19
Louth CH, Dundalk	5	3	60.0%	0.30	2	0	0.0%	0.00	0	0	0.0%	0.00	3	1	33.3%	0.12	10	4	40.0%	0.11
Mallow GH	6	4	66.7%	0.61	3	1	33.3%	0.15	1	1	100.0%	0.16	1	0	0.0%	0.00	11	6	54.5%	0.23
Mater Misericordiae UH	26	9	34.6%	0.19	21	7	33.3%	0.15	18	6	33.3%	0.16	30	12	40.0%	0.31	95	34	35.8%	0.20
Mayo GH, Castlebar	8	1	12.5%	0.04	5	4	80.0%	0.19	6	2	33.3%	0.10	4	1	25.0%	0.05	23	8	34.8%	0.09
Mercy UH	12	6	50.0%	0.34	6	3	50.0%	0.19	5	1	20.0%	0.07	6	2	33.3%	0.13	29	12	41.4%	0.19
Midland RH, Mullingar	8	3	37.5%	0.21	8	0	0.0%	0.00	3	1	33.3%	0.07	4	2	50.0%	0.14	23	6	26.1%	0.11
Midland RH, Portlaoise	1	0	0.0%	0.00	4	0	0.0%	0.00	2	1	50.0%	0.11	2	0	0.0%	0.00	9	1	11.1%	0.02
Midland RH, Tullamore <sup>3</sup>	5	1	20.0%	0.07	3	0	0.0%	0.00	*	*	*	*	*	*	*	*	8	1	12.5%	0.04
MWRH, Dooradoyle	19	6	31.6%	0.18	16	5	31.3%	0.15	9	4	44.4%	0.12	16	4	25.0%	0.12	60	19	31.7%	0.14
MWRH, Ennis	2	0	0.0%	0.00	1	1	100.0%	0.14	1	0	0.0%	0.00	3	1	33.3%	0.13	7	2	28.6%	0.07
Mid-Western RH, Nenagh	1	0	0.0%	0.00	1	1	100.0%	0.17	1	0	0.0%	0.00	1	0	0.0%	0.00	4	1	25.0%	0.04
Mid-Western RMH, Limerick	1	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	1	0	0.0%	0.00	2	0	0.0%	0.00
Mid-Western ROH, Croom	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00
Monaghan GH	0	0	0.0%	0.00	1	0	0.0%	0.00	0	0	0.0%	0.00	2	1	50.0%	0.21	3	1	33.3%	0.05
Naas GH	7	3	42.9%	0.15	1	1	100.0%	0.05	6	2	33.3%	0.10	4	0	0.0%	0.00	18	6	33.3%	0.08
NMH, Holles Street	0	0	0.0%	0.00	8	0	0.0%	0.00	0	0	0.0%	0.00	5	0	0.0%	0.00	13	0	0.0%	0.00
OLLH, Drogheda	2	0	0.0%	0.00	7	2	25.0%	0.13	4	0	0.0%	0.00	2	0	0.0%	0.00	15	2	13.3%	0.03
OLHSC, Crumlin	7	1	14.3%	0.07	9	0	0.0%	0.00	9	2	22.2%	0.13	12	3	25.0%	0.20	37	6	16.2%	0.10
Our Lady's Hospital, Navan	1	1	100.0%	0.09	0	0	0.0%	0.00	2	0	0.0%	0.00	3	0	0.0%	0.00	6	1	16.7%	0.02
Portiuncula Hospital, Ballinasloe	2	2	100.0%	0.15	3	1	33.3%	0.08	4	2	50.0%	0.18	3	2	66.7%	0.16	12	7	58.3%	0.14
Roscommon CH	3	1	33.3%	0.12	4	0	0.0%	0.00	2	2	100.0%	0.26	2	1	50.0%	0.13	11	4	36.4%	0.13
Rotunda Hospital	3	0	0.0%	0.00	5	0	0.0%	0.00	3	0	0.0%	0.00	3	0	0.0%	0.00	14	0	0.0%	0.00
RVEEH, Dublin	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00
Sligo GH	10	4	40.0%	0.21	11	3	27.3%	0.16	7	3	42.9%	0.16	3	0	0.0%	0.00	31	10	32.3%	0.13
South Infirmary/Victoria UH, Cork	5	2	40.0%	0.15	3	1	33.3%	0.08	4	1	25.0%	0.08	1	0	0.0%	0.00	13	4	30.8%	0.08
South Tipperary GH, Clonmel	10	3	30.0%	0.15	2	1	50.0%	0.05	3	1	33.3%	0.05	2	0	0.0%	0.00	17	5	29.4%	0.06
St Columille's Hospital, Loughlinstown	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
St Finbarr's Hospital, Cork	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
St James's Hospital	32	13	40.6%	0.18	19	9	47.4%	0.12	27	3	11.1%	0.04	18	6	33.3%	0.08	96	31	32.3%	0.11
St John's Hospital, Limerick	1	0	0.0%	0.00	1	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	2	0	0.0%	0.00
St Luke's Hospital, Kilkenny	2	1	50.0%	0.05	2	0	0.0%	0.00	3	1	33.3%	0.05	5	2	40.0%	0.09	12	4	33.3%	0.05
St Luke's Hospital, Rathgar	3	2	66.7%	0.20	2	0	0.0%	0.00	2	0	0.0%	0.00	0	0	0.0%	0.00	7	2	28.6%	0.04
St Mary's OH, Gurranebraher	0	0	0.0%	0.00	1	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00	1	0	0.0%	0.00
St Michael's Hospital, Dun Laoghaire	0	0	0.0%	0.00	2	0	0.0%	0.00	3	0	0.0%	0.00	0	0	0.0%	0.00	5	0	0.0%	0.00
St Vincent's UH, Elm Park	11	7	63.6%	0.16	25	11	44.0%	0.26	19	7	36.8%	0.17	15	3	20.0%	0.07	70	28	40.0%	0.16
Waterford RH	16	6	37.5%	0.16	16	6	37.5%	0.17	6	2	33.3%	0.05	10	5	50.0%	0.14	48	19	39.6%	0.13
Wexford GH	5	2	40.0%	0.10	4	2	50.0%	0.10	1	0	0.0%	0.00	8	1	12.5%	0.05	18	5	27.8%	0.07
<b>TOTAL ROI (Acute Hospitals only)</b>	<b>357</b>	<b>138</b>	<b>38.7%</b>	<b>0.15</b>	<b>307</b>	<b>96</b>	<b>31.3%</b>	<b>0.10</b>	<b>286</b>	<b>94</b>	<b>32.9%</b>	<b>0.11</b>	<b>290</b>	<b>92</b>	<b>31.7%</b>	<b>0.10</b>	<b>1240</b>	<b>420</b>	<b>33.9%</b>	<b>0.12</b>

\* No data received from this hospital

\*\* No longer classified an acute hospital

<sup>1</sup> Cork University Hospital includes Cork University Maternity Hospital

<sup>2</sup> Galway University Hospitals include University College Hospital, Galway and Merlin Park University Hospital

<sup>3</sup> Latest 4-quarter total for Midland Regional Hospital, Tullamore includes data for Q1 and 2 2008 only

**Hospital Abbreviations:** AMNCH, Adelaide, Meath and National Children's Hospital; CH, County Hospital; GH, General Hospital; OH, Orthopaedic Hospital; OLHSC, Our Lady's Hospital for Sick Children; OLLH, Our Lady of Lourdes Hospital; NMH, National Maternity Hospital; RH, Regional Hospital; RMH, Regional Maternity Hospital; ROH, Regional Orthopaedic Hospital; RVEEH, Royal Victoria Eye and Ear Hospital; UH, University Hospital  
ROI, Republic of Ireland

**Table 2.** Summary of *S. aureus*/MRSA bloodstream infection data from acute public hospitals **by year**, for 2006 and 2007, and 2008: the **latest 4-quarter period**, Q1 2008-Q4 2008 (2008 data are provisional)

Hospital Name	Year								Latest 4-quarter period			
	2006				2007				Q1 2008-Q4 2008			
	SAU number	MRSA number	%MRSA	MRSA rate per 1,000 bed days used	SAU number	MRSA number	%MRSA	MRSA rate per 1,000 bed days used	SAU number	MRSA number	%MRSA	MRSA rate per 1,000 bed days used
AMNCH, Tallaght	69	19	27.5%	0.11	61	18	29.5%	0.10	80	27	33.8%	0.14
Bantry GH	10	8	80.0%	0.31	11	8	72.7%	0.31	5	1	20.0%	0.04
Beaumont Hospital	141	70	49.6%	0.32	125	50	40.0%	0.23	110	45	40.9%	0.20
Cappagh National OH	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00
Cavan GH	15	5	33.3%	0.09	24	9	37.5%	0.14	22	3	13.6%	0.05
Children's UH, Temple St	8	0	0.0%	0.00	5	0	0.0%	0.00	11	2	18.2%	0.07
Connolly Hospital, Blanchardstown	36	15	41.7%	0.18	28	14	50.0%	0.17	33	8	24.2%	0.10
Coombe Women's Hospital	4	0	0.0%	0.00	11	2	18.2%	0.03	9	1	11.1%	0.02
Cork UH <sup>1</sup>	125	43	34.4%	0.26	128	39	30.5%	0.18	88	25	28.4%	0.12
Erinville Hospital, Cork <sup>1</sup>	1	1	100.0%	0.02	**	**	**	**	**	**	**	**
Galway University Hospitals <sup>2</sup>									89	47	52.8%	0.21
Kerry GH, Tralee	38	20	52.6%	0.24	38	16	42.1%	0.19	21	13	61.9%	0.16
Kilkreene OH, Co. Kilkenny	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00
Letterkenny GH	38	15	39.5%	0.14	34	13	38.2%	0.13	42	19	45.2%	0.19
Louth CH, Dundalk	10	3	30.0%	0.10	9	1	11.1%	0.03	10	4	40.0%	0.11
Mallow GH	12	4	33.3%	0.17	8	4	50.0%	0.14	11	6	54.5%	0.23
Mater Misericordiae UH	78	35	44.9%	0.18	97	40	41.2%	0.22	95	34	35.8%	0.20
Mayo GH, Castlebar	20	12	60.0%	0.14	39	20	51.3%	0.23	23	8	34.8%	0.09
Mercy UH	35	17	48.6%	0.26	27	15	55.6%	0.22	29	12	41.4%	0.19
Merlin Park UH, Galway	19	10	52.6%	0.16	14	7	50.0%	0.14				
Midland RH, Mullingar	27	11	40.7%	0.20	15	5	33.3%	0.09	23	6	26.1%	0.11
Midland RH, Portlaoise	14	6	42.9%	0.14	9	3	33.3%	0.07	9	1	11.1%	0.02
Midland RH, Tullamore <sup>3</sup>	22	14	63.6%	0.22	28	13	46.4%	0.21	8	1	12.5%	0.04
MWRH, Dooradoyle	79	28	35.4%	0.21	52	16	30.8%	0.12	60	19	31.7%	0.14
MWRH, Ennis	11	5	45.5%	0.15	10	3	30.0%	0.09	7	2	28.6%	0.07
Mid-Western RH, Nenagh	6	2	33.3%	0.07	12	9	75.0%	0.34	4	1	25.0%	0.04
Mid-Western RMH, Limerick	2	0	0.0%	0.00	2	0	0.0%	0.00	2	0	0.0%	0.00
Mid-Western ROH, Croom	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00
Monaghan GH	3	2	66.7%	0.11	10	3	30.0%	0.14	3	1	33.3%	0.05
Naas GH	15	6	40.0%	0.08	21	11	52.4%	0.15	18	6	33.3%	0.08
NMH, Holles Street	5	2	40.0%	0.04	4	0	0.0%	0.00	13	0	0.0%	0.00
OL LH, Drogheda <sup>4</sup>	10	3	30.0%	0.19	5	1	20.0%	0.04	15	2	13.3%	0.03
OLHSC, Crumlin	23	2	8.7%	0.03	33	4	12.1%	0.07	37	6	16.2%	0.10
Our Lady's Hospital, Cashel <sup>5</sup>	2	1	50.0%	0.13	0	0	0.0%	0.00	**	**	**	**
Our Lady's Hospital, Navan	10	0	0.0%	0.00	9	6	66.7%	0.14	6	1	16.7%	0.02
Portiuncula Hospital, Ballinasloe	14	7	50.0%	0.13	9	3	33.3%	0.06	12	7	58.3%	0.14
Roscommon CH	5	4	80.0%	0.13	8	3	37.5%	0.09	11	4	36.4%	0.13
Rotunda Hospital	9	0	0.0%	0.00	12	0	0.0%	0.00	14	0	0.0%	0.00
RVEEH, Dublin	0	0	0.0%	0.00	0	0	0.0%	0.00	0	0	0.0%	0.00
Sligo GH	38	16	42.1%	0.18	28	13	46.4%	0.15	31	10	32.3%	0.13
South Infirmary/Victoria UH, Cork	14	6	42.9%	0.11	6	4	66.7%	0.07	13	4	30.8%	0.08
South Tipperary GH, Clonmel	14	4	28.6%	0.07	8	1	12.5%	0.01	17	5	29.4%	0.06
St Columcille's Hospital, Loughlinstown <sup>6</sup>	21	10	47.6%	0.21	22	8	36.4%	0.19	*	*	*	*
St Finbarr's Hospital, Cork <sup>1</sup>	3	2	66.7%	0.09	4	3	75.0%	0.11	**	**	**	**
St James's Hospital	114	65	57.0%	0.23	125	61	48.8%	0.20	96	31	32.3%	0.11
St John's Hospital, Limerick	3	1	33.3%	0.04	5	2	40.0%	0.08	2	0	0.0%	0.00
St Luke's Hospital, Kilkenny	23	6	26.1%	0.07	20	10	50.0%	0.11	12	4	33.3%	0.05
St Luke's Hospital, Rathgar	0	0	0.0%	0.00	3	2	66.7%	0.04	7	2	28.6%	0.04
St Mary's OH, Gurranebraher	1	1	100.0%	0.05	0	0	0.0%	0.00	1	0	0.0%	0.00
St Michael's Hospital, Dun Laoghaire	5	4	80.0%	0.14	4	2	50.0%	0.08	5	0	0.0%	0.00
St Vincent's UH, Elm Park	60	25	41.7%	0.14	69	28	40.6%	0.16	70	28	40.0%	0.16
UCHG <sup>2</sup>	79	36	45.6%	0.22	78	30	38.5%	0.17				
Waterford RH	51	24	47.1%	0.16	54	26	48.1%	0.18	48	19	39.6%	0.13
Wexford GH	16	5	31.3%	0.07	13	0	0.0%	0.00	18	5	27.8%	0.07
<b>TOTAL ROI (Acute Hospitals only)</b>	<b>1358</b>	<b>575</b>	<b>42.3%</b>	<b>0.16</b>	<b>1337</b>	<b>526</b>	<b>39.3%</b>	<b>0.14</b>	<b>1240</b>	<b>420</b>	<b>33.9%</b>	<b>0.12</b>

\*\* No longer classified an acute hospital

<sup>1</sup> In 2007, maternity services at Erinville Hospital and St Finbarr's Hospital, Cork transferred to Cork University Maternity Hospital, which together with Cork University Hospital (CUH) compose CUH group. All data for CUH group as of 2007 are presented under Cork UH

<sup>2</sup> University College Hospital, Galway and Merlin Park University Hospital incorporated as Galway University Hospitals as of January 2008

<sup>3</sup> No data as of Q3 2008: latest 4-quarter period includes data for Q1 and 2 2008 only

<sup>4</sup> Data only for the period Sep-Oct 2006 and from Q4 2007 onwards

<sup>5</sup> In Jan 2007, acute services at Our Lady's Hospital, Cashel transferred to South Tipperary General Hospital, Clonmel

<sup>6</sup> No data for 2008

**Appendix 1.** *S. aureus*/MRSA bloodstream infection data from acute public hospitals for Q4 2008 (2008 data are provisional)

Hospital Name	SAU number	MRSA number	MSSA number	%MRSA	Bed Days Used	SAU rate per 1,000 bed days used	MRSA rate per 1,000 bed days used	MSSA rate per 1,000 bed days used	BLC number	MRSA rate per 100 BLC	Inpatient Admissions	BLC per 1,000 admissions
AMNCH, Tallaght	19	5	14	26.3%	49,194	0.39	0.10	0.28	3,431	0.15	5,873	584
Bantry GH	2	0	2	0.0%	6,963	0.29	0.00	0.29	218	0.00	841	259
Beaumont Hospital	22	8	14	36.4%	56,019	0.39	0.14	0.25	3,035	0.26	5,375	565
Cappagh National OH	0	0	0	0.0%	3,245	0.00	0.00	0.00	28	0.00	491	57
Cavan General Hospital	5	2	3	40.0%	17,117	0.29	0.12	0.18	631	0.32	3,470	182
Children's UH, Temple St	4	2	2	50.0%	7,859	0.51	0.25	0.25	535	0.37	1,758	304
Connolly Hospital, Blanchardstown	8	3	5	37.5%	20,350	0.39	0.15	0.25	850	0.35	2,049	415
Coombe Women's Hospital	2	0	2	0.0%	13,251	0.15	0.00	0.15	713	0.00	4,557	156
Cork UH <sup>1</sup>	24	9	15	37.5%	54,950	0.44	0.16	0.27	2,634	0.34	10,371	254
Galway University Hospitals <sup>2</sup>	23	12	11	52.2%	54,981	0.42	0.22	0.20	2,901	0.41	9,510	305
Kerry GH, Tralee	1	0	1	0.0%	19,539	0.05	0.00	0.05	760	0.00	3,689	206
Kilcreene OH, Co. Kilkenny	0	0	0	0.0%	1,908	0.00	0.00	0.00	4	0.00	239	17
Letterkenny GH	11	4	7	36.4%	23,570	0.47	0.17	0.30	1,548	0.26	5,123	302
Louth CH, Dundalk	3	1	2	33.3%	8,143	0.37	0.12	0.25	244	0.41	1,165	209
Mallow GH	1	0	1	0.0%	6,533	0.15	0.00	0.15	54	0.00	1,092	49
Mater Misericordiae UH	30	12	18	40.0%	38,895	0.77	0.31	0.46	2,192	0.55	4,161	527
Mayo GH, Castlebar	4	1	3	25.0%	22,209	0.18	0.05	0.14	1,128	0.09	4,281	263
Mercy UH	6	2	4	33.3%	14,984	0.40	0.13	0.27	1,213	0.16	2,272	534
Midland RH, Mullingar	4	2	2	50.0%	14,754	0.27	0.14	0.14	866	0.23	4,849	179
Midland RH, Portlaoise	2	0	2	0.0%	10,352	0.19	0.00	0.19	657	0.00	2,637	249
Midland RH, Tullamore	*	*	*	*	*	*	*	*	*	*	*	*
MWRH, Dooradoyle	16	4	12	25.0%	34,188	0.47	0.12	0.35	2,596	0.15	5,660	459
MWRH, Ennis	3	1	2	33.3%	7,619	0.39	0.13	0.26	333	0.30	1,190	280
Mid-Western RH, Nenagh	1	0	1	0.0%	5,761	0.17	0.00	0.17	179	0.00	1,049	171
Mid-Western RMH, Limerick	1	0	1	0.0%	8,581	0.12	0.00	0.12	286	0.00	2,143	133
Mid-Western ROH, Croom	0	0	0	0.0%	2,720	0.00	0.00	0.00	20	0.00	424	47
Monaghan GH	2	1	1	50.0%	4,711	0.42	0.21	0.21	143	0.70	619	231
Naas GH	4	0	4	0.0%	19,878	0.20	0.00	0.20	365	0.00	2,127	172
NMH, Holles Street	5	0	5	0.0%	16,953	0.29	0.00	0.29	486	0.00	4,595	106
OLLH, Drogheda	2	0	2	0.0%	24,347	0.08	0.00	0.08	1,222	0.00	5,249	233
OLHSC, Crumlin	12	3	9	25.0%	15,203	0.79	0.20	0.59	2,301	0.13	2,759	834
Our Lady's Hospital, Navan	3	0	3	0.0%	9,592	0.31	0.00	0.31	189	0.00	1,542	123
Portiuncula Hospital, Ballinasloe	3	2	1	66.7%	12,620	0.24	0.16	0.08	681	0.29	2,881	236
Roscommon CH	2	1	1	50.0%	7,665	0.26	0.13	0.13	243	0.41	1,226	198
Rotunda Hospital	3	0	3	0.0%	13,112	0.23	0.00	0.23	419	0.00	3,792	110
RVEEH, Dublin	0	0	0	0.0%	1,982	0.00	0.00	0.00	2	0.00	666	3
Sligo GH	3	0	3	0.0%	21,957	0.14	0.00	0.14	1,094	0.00	4,247	258
South Infirmary/Victoria UH, Cork	1	0	1	0.0%	13,389	0.07	0.00	0.07	459	0.00	2,363	194
South Tipperary GH, Clonmel	2	0	2	0.0%	18,893	0.11	0.00	0.11	759	0.00	3,247	234
St Columcille's Hospital, Loughlinstown	*	*	*	*	*	*	*	*	*	*	*	*
St Finbarr's Hospital, Cork	**	**	**	**	**	**	**	**	**	**	**	**
St James's Hospital	18	6	12	33.3%	73,103	0.25	0.08	0.16	3,846	0.16	5,747	669
St John's Hospital, Limerick	0	0	0	0.0%	5,405	0.00	0.00	0.00	129	0.00	852	151
St Luke's Hospital, Kilkenny	5	2	3	40.0%	21,469	0.23	0.09	0.14	680	0.29	3,888	175
St Luke's Hospital, Rathgar	0	0	0	0.0%	11,507	0.00	0.00	0.00	177	0.00	401	441
St Mary's OH, Gurranebraher	0	0	0	0.0%	4,536	0.00	0.00	0.00	1	0.00	416	2
St Michael's Hospital, Dun Laoghaire	0	0	0	0.0%	7,018	0.00	0.00	0.00	180	0.00	753	239
St Vincent's UH, Elm Park	15	3	12	20.0%	41,341	0.36	0.07	0.29	1,787	0.17	3,975	450
Waterford RH	10	5	5	50.0%	36,635	0.27	0.14	0.14	1,697	0.29	5,723	297
Wexford GH	8	1	7	12.5%	18,988	0.42	0.05	0.37	789	0.13	3,864	204
<b>TOTAL ROI (Acute Hospitals only)</b>	<b>290</b>	<b>92</b>	<b>198</b>	<b>31.7%</b>	<b>903,989</b>	<b>0.32</b>	<b>0.10</b>	<b>0.22</b>	<b>44,705</b>	<b>0.20</b>	<b>145,201</b>	<b>319</b>

BLC, Blood cultures (total sets processed)

\* No data received from this hospital

\*\* No longer classified an acute hospital

\*\*\* Blood culture numbers not provided

<sup>1</sup> Cork University Hospital includes Cork University Maternity Hospital

<sup>2</sup> Galway University Hospitals include University College Hospital, Galway and Merlin Park University Hospital

**Appendix 2. *S. aureus*/MRSA bloodstream infection data from acute public hospitals in Ireland for Q3 2008 (2008 data are provisional)**

Hospital Name	SAU number	MRSA number	MSSA number	%MRSA	Bed Days Used	SAU rate per 1,000 bed days used	MRSA rate per 1,000 bed days used	MSSA rate per 1,000 bed days used	BLC number	MRSA rate per 100 BLC	Inpatient Admissions	BLC per 1,000 admissions
AMNCH, Tallaght	20	9	11	45.0%	47,549	0.42	0.19	0.23	3,252	0.28	6,040	538
Bantry GH	0	0	0	0.0%	6,527	0.00	0.00	0.00	257	0.00	799	322
Beaumont Hospital	29	12	17	41.4%	55,895	0.52	0.21	0.30	2,918	0.41	5,306	550
Cappagh National OH	0	0	0	0.0%	3,451	0.00	0.00	0.00	***	***	501	***
Cavan General Hospital	5	0	5	0.0%	15,348	0.33	0.00	0.33	577	0.00	3,326	173
Children's UH, Temple St	4	0	4	0.0%	6,941	0.58	0.00	0.58	419	0.00	1,812	231
Connolly Hospital, Blanchardstown	13	3	10	23.1%	19,277	0.67	0.16	0.52	698	0.43	2,174	321
Coombe Women's Hospital	4	1	3	25.0%	14,288	0.28	0.07	0.21	773	0.13	4,780	162
Cork UH <sup>1</sup>	20	7	13	35.0%	53,649	0.37	0.13	0.24	2,331	0.30	10,231	228
Galway University Hospitals <sup>2</sup>	19	12	7	63.2%	55,374	0.34	0.22	0.13	2,906	0.41	9,506	306
Kerry GH, Tralee	5	3	2	60.0%	19,167	0.26	0.16	0.10	734	0.41	3,693	199
Kilcreene OH, Co. Kilkenny	0	0	0	0.0%	2,079	0.00	0.00	0.00	0	0.00	269	0
Letterkenny GH	16	5	11	31.3%	23,350	0.69	0.21	0.47	1,328	0.38	4,821	275
Louth CH, Dundalk	0	0	0	0.0%	8,261	0.00	0.00	0.00	198	0.00	1,236	160
Mallow GH	1	1	0	100.0%	6,288	0.16	0.16	0.00	56	1.79	957	59
Mater Misericordiae UH	18	6	12	33.3%	37,802	0.48	0.16	0.32	2,709	0.22	4,228	641
Mayo GH, Castlebar	6	2	4	33.3%	20,998	0.29	0.10	0.19	964	0.21	4,287	225
Mercy UH	5	1	4	20.0%	14,657	0.34	0.07	0.27	933	0.11	2,273	410
Midland RH, Mullingar	3	1	2	33.3%	13,856	0.22	0.07	0.14	648	0.15	4,573	142
Midland RH, Portlaoise	2	1	1	50.0%	9,518	0.21	0.11	0.11	533	0.19	2,606	205
Midland RH, Tullamore	*	*	*	*	*	*	*	*	*	*	*	*
MWRH, Dooradoyle	9	4	5	44.4%	32,599	0.28	0.12	0.15	2,239	0.18	5,619	398
MWRH, Ennis	1	0	1	0.0%	6,941	0.14	0.00	0.14	214	0.00	1,238	173
Mid-Western RH, Nenagh	1	0	1	0.0%	5,758	0.17	0.00	0.17	180	0.00	1,079	167
Mid-Western RMH, Limerick	0	0	0	0.0%	7,981	0.00	0.00	0.00	296	0.00	2,177	136
Mid-Western ROH, Croom	0	0	0	0.0%	2,318	0.00	0.00	0.00	15	0.00	411	36
Monaghan GH	0	0	0	0.0%	4,822	0.00	0.00	0.00	97	0.00	570	170
Naas GH	6	2	4	33.3%	19,210	0.31	0.10	0.21	490	0.41	2,033	241
NMH, Holles Street	0	0	0	0.0%	16,022	0.00	0.00	0.00	461	0.00	4,763	97
OLLH, Drogheda	4	0	4	0.0%	24,262	0.16	0.00	0.16	1,089	0.00	5,524	197
OLHSC, Crumlin	9	2	7	22.2%	15,248	0.59	0.13	0.46	1,908	0.10	2,730	699
Our Lady's Hospital, Navan	2	0	2	0.0%	9,415	0.21	0.00	0.21	220	0.00	1,691	130
Portiuncula Hospital, Ballinasloe	4	2	2	50.0%	11,150	0.36	0.18	0.18	472	0.42	2,634	179
Roscommon CH	2	2	0	100.0%	7,746	0.26	0.26	0.00	196	1.02	1,190	165
Rotunda Hospital	3	0	3	0.0%	13,740	0.22	0.00	0.22	419	0.00	4,032	104
RVEEH, Dublin	0	0	0	0.0%	2,336	0.00	0.00	0.00	0	0.00	792	0
Sligo GH	7	3	4	42.9%	19,253	0.36	0.16	0.21	1,052	0.29	3,917	269
South Infirmary/Victoria UH, Cork	4	1	3	25.0%	12,268	0.33	0.08	0.24	421	0.24	2,249	187
South Tipperary GH, Clonmel	3	1	2	33.3%	19,038	0.16	0.05	0.11	669	0.15	3,189	210
St Columcille's Hospital, Loughlinstown	*	*	*	*	*	*	*	*	*	*	*	*
St Finbarr's Hospital, Cork	**	**	**	**	**	**	**	**	**	**	**	**
St James's Hospital	27	3	24	11.1%	73,320	0.37	0.04	0.33	3,536	0.08	5,761	614
St John's Hospital, Limerick	0	0	0	0.0%	4,530	0.00	0.00	0.00	142	0.00	835	170
St Luke's Hospital, Kilkenny	3	1	2	33.3%	20,268	0.15	0.05	0.10	495	0.20	3,951	125
St Luke's Hospital, Rathgar	2	0	2	0.0%	11,663	0.17	0.00	0.17	177	0.00	473	374
St Mary's OH, Gurranebraher	0	0	0	0.0%	4,813	0.00	0.00	0.00	10	0.00	608	16
St Michael's Hospital, Dun Laoghaire	3	0	3	0.0%	6,692	0.45	0.00	0.45	173	0.00	1,700	102
St Vincent's UH, Elm Park	19	7	12	36.8%	42,202	0.45	0.17	0.28	1,870	0.37	3,981	470
Waterford RH	6	2	4	33.3%	37,113	0.16	0.05	0.11	1,448	0.14	5,810	249
Wexford GH	1	0	1	0.0%	18,604	0.05	0.00	0.05	665	0.00	3,778	176
<b>TOTAL ROI (Acute Hospitals only)</b>	<b>286</b>	<b>94</b>	<b>192</b>	<b>32.9%</b>	<b>883,587</b>	<b>0.32</b>	<b>0.11</b>	<b>0.22</b>	<b>41,188</b>	<b>0.23</b>	<b>146,153</b>	<b>283</b>

\* No data received from this hospital

\*\* No longer classified an acute hospital

\*\*\* Blood culture numbers not provided

<sup>1</sup> Cork University Hospital includes Cork University Maternity Hospital

<sup>2</sup> Galway University Hospitals include University College Hospital, Galway and Merlin Park University Hospital

**Appendix 3. *S. aureus*/MRSA bloodstream infection data from acute public hospitals in Ireland for Q2 2008 (2008 data are provisional)**

Hospital Name	SAU number	MRSA number	MSSA number	%MRSA	Bed Days Used	SAU rate per 1,000 bed days used	MRSA rate per 1,000 bed days used	MSSA rate per 1,000 bed days used	BLC number	MRSA rate per 100 BLC	Inpatient Admissions	BLC per 1,000 admissions
AMNCH, Tallaght	20	5	15	25.0%	47,257	0.42	0.11	0.32	3,096	0.16	6,023	514
Bantry GH	2	1	1	50.0%	6,633	0.30	0.15	0.15	171	0.58	713	240
Beaumont Hospital	25	9	16	36.0%	57,777	0.43	0.16	0.28	2,984	0.30	5,475	545
Cappagh National OH	0	0	0	0.0%	4,053	0.00	0.00	0.00	16	0.00	605	26
Cavan General Hospital	7	0	7	0.0%	16,603	0.42	0.00	0.42	671	0.00	3,621	185
Children's UH, Temple St	2	0	2	0.0%	7,738	0.26	0.00	0.26	435	0.00	1,895	230
Connolly Hospital, Blanchardstown	3	0	3	0.0%	19,546	0.15	0.00	0.15	594	0.00	2,606	228
Coombe Women's Hospital	0	0	0	0.0%	14,911	0.00	0.00	0.00	813	0.00	4,533	179
Cork UH <sup>1</sup>	20	3	17	15.0%	53,555	0.37	0.06	0.32	2,451	0.12	10,201	240
Galway University Hospitals <sup>2</sup>	19	8	11	42.1%	57,757	0.33	0.14	0.19	3,296	0.24	10,374	318
Kerry GH, Tralee	6	5	1	83.3%	21,185	0.28	0.24	0.05	945	0.53	3,729	253
Kilcreene OH, Co. Kilkenny	0	0	0	0.0%	1,957	0.00	0.00	0.00	1	0.00	223	4
Letterkenny GH	7	6	1	85.7%	25,395	0.28	0.24	0.04	1,615	0.37	5,284	306
Louth CH, Dundalk	2	0	2	0.0%	9,406	0.21	0.00	0.21	248	0.00	1,349	184
Mallow GH	3	1	2	33.3%	6,635	0.45	0.15	0.30	74	1.35	1,112	67
Mater Misericordiae UH	21	7	14	33.3%	45,285	0.46	0.15	0.31	2,166	0.32	4,103	528
Mayo GH, Castlebar	5	4	1	80.0%	21,438	0.23	0.19	0.05	1,055	0.38	4,230	249
Mercy UH	6	3	3	50.0%	15,541	0.39	0.19	0.19	1,248	0.24	2,470	505
Midland RH, Mullingar	8	0	8	0.0%	14,099	0.57	0.00	0.57	867	0.00	4,828	180
Midland RH, Portlaoise	4	0	4	0.0%	10,483	0.38	0.00	0.38	572	0.00	2,834	202
Midland RH, Tullamore	3	0	3	0.0%	13,725	0.22	0.00	0.22	496	0.00	2,316	214
MWRH, Dooradoyle	16	5	11	31.3%	33,556	0.48	0.15	0.33	2,331	0.21	5,874	397
MWRH, Ennis	1	1	0	100.0%	7,323	0.14	0.14	0.00	231	0.43	1,186	195
Mid-Western RH, Nenagh	1	1	0	100.0%	5,854	0.17	0.17	0.00	174	0.57	1,063	164
Mid-Western RMH, Limerick	0	0	0	0.0%	8,243	0.00	0.00	0.00	320	0.00	2,163	148
Mid-Western ROH, Croom	0	0	0	0.0%	2,691	0.00	0.00	0.00	14	0.00	401	35
Monaghan GH	1	0	1	0.0%	4,694	0.21	0.00	0.21	111	0.00	636	175
Naas GH	1	1	0	100.0%	19,265	0.05	0.05	0.00	402	0.25	1,951	206
NMH, Holles Street	8	0	8	0.0%	15,025	0.53	0.00	0.53	458	0.00	4,552	101
OLLH, Drogheda	7	2	5	28.6%	23,937	0.29	0.08	0.21	1,211	0.17	5,532	219
OLHSC, Crumlin	9	0	9	0.0%	14,932	0.60	0.00	0.60	2,056	0.00	2,644	778
Our Lady's Hospital, Navan	0	0	0	0.0%	10,201	0.00	0.00	0.00	179	0.00	1,732	103
Portiuncula Hospital, Ballinasloe	3	1	2	33.3%	13,007	0.23	0.08	0.15	565	0.18	3,056	185
Roscommon CH	4	0	4	0.0%	7,623	0.52	0.00	0.52	188	0.00	1,220	154
Rotunda Hospital	5	0	5	0.0%	13,461	0.37	0.00	0.37	439	0.00	3,757	117
RVEEH, Dublin	0	0	0	0.0%	2,189	0.00	0.00	0.00	***	***	1,134	***
Sligo GH	11	3	8	27.3%	18,828	0.58	0.16	0.42	1,049	0.29	3,926	267
South Infirmary/Victoria UH, Cork	3	1	2	33.3%	12,322	0.24	0.08	0.16	329	0.30	2,203	149
South Tipperary GH, Clonmel	2	1	1	50.0%	19,953	0.10	0.05	0.05	785	0.13	3,246	242
St Columcille's Hospital, Loughlinstown	*	*	*	*	*	*	*	*	*	*	*	*
St Finbarr's Hospital, Cork	**	**	**	**	**	**	**	**	**	**	**	**
St James's Hospital	19	9	10	47.4%	72,310	0.26	0.12	0.14	3,857	0.23	5,773	668
St John's Hospital, Limerick	1	0	1	0.0%	5,538	0.18	0.00	0.18	160	0.00	909	176
St Luke's Hospital, Kilkenny	2	0	2	0.0%	20,250	0.10	0.00	0.10	623	0.00	3,985	156
St Luke's Hospital, Rathgar	2	0	2	0.0%	11,149	0.18	0.00	0.18	174	0.00	485	359
St Mary's OH, Gurranebraher	1	0	1	0.0%	5,616	0.18	0.00	0.18	27	0.00	585	46
St Michael's Hospital, Dun Laoghaire	2	0	2	0.0%	6,844	0.29	0.00	0.29	172	0.00	1,761	98
St Vincent's UH, Elm Park	25	11	14	44.0%	42,439	0.59	0.26	0.33	2,079	0.53	4,246	490
Waterford RH	16	6	10	37.5%	36,306	0.44	0.17	0.28	1,844	0.33	5,902	312
Wexford GH	4	2	2	50.0%	19,358	0.21	0.10	0.10	684	0.29	4,045	169
<b>TOTAL ROI (Acute Hospitals only)</b>	<b>307</b>	<b>96</b>	<b>211</b>	<b>31.3%</b>	<b>923,893</b>	<b>0.33</b>	<b>0.10</b>	<b>0.23</b>	<b>44,276</b>	<b>0.22</b>	<b>152,491</b>	<b>293</b>

\* No data received from this hospital

\*\* No longer classified an acute hospital

<sup>1</sup> Cork University Hospital includes Cork University Maternity Hospital

<sup>2</sup> Galway University Hospitals include University College Hospital, Galway and Merlin Park University Hospital

**Appendix 4. *S. aureus*/MRSA bloodstream infection data from acute public hospitals in Ireland for Q1 2008**

Hospital Name	SAU number	MRSA number	MSSA number	%MRSA	Bed Days Used	SAU rate per 1,000 bed days used	MRSA rate per 1,000 bed days used	MSSA rate per 1,000 bed days used	BLC number	MRSA rate per 100 BLC	Inpatient Admissions	BLC per 1,000 admissions
AMNCH, Tallaght	21	8	13	38.1%	47,668	0.44	0.17	0.27	3,454	0.23	6,200	557
Bantry GH	1	0	1	0.0%	7,175	0.14	0.00	0.14	175	0.00	708	247
Beaumont Hospital	34	16	18	47.1%	57,634	0.59	0.28	0.31	3,197	0.50	5,564	575
Cappagh National OH	0	0	0	0.0%	4,717	0.00	0.00	0.00	16	0.00	712	22
Cavan General Hospital	5	1	4	20.0%	16,725	0.30	0.06	0.24	747	0.13	3,418	219
Children's UH, Temple St	1	0	1	0.0%	8,004	0.12	0.00	0.12	499	0.00	1,803	277
Connolly Hospital, Blanchardstown	9	2	7	22.2%	19,676	0.46	0.10	0.36	629	0.32	2,500	252
Coombe Women's Hospital	3	0	3	0.0%	14,192	0.21	0.00	0.21	771	0.00	4,337	178
Cork UH <sup>1</sup>	24	6	18	25.0%	52,689	0.46	0.11	0.34	2,162	0.28	9,682	223
Galway University Hospitals <sup>2</sup>	28	15	13	53.6%	57,686	0.49	0.26	0.23	3,116	0.48	9,840	317
Kerry GH, Tralee	9	5	4	55.6%	20,220	0.45	0.25	0.20	1,003	0.50	3,647	275
Kilkreene OH, Co. Kilkenny	0	0	0	0.0%	2,035	0.00	0.00	0.00	5	0.00	260	19
Letterkenny GH	8	4	4	50.0%	26,043	0.31	0.15	0.15	1,784	0.22	5,242	340
Louth CH, Dundalk	5	3	2	60.0%	9,855	0.51	0.30	0.20	242	1.24	1,363	178
Mallow GH	6	4	2	66.7%	6,586	0.91	0.61	0.30	63	6.35	1,165	54
Mater Misericordiae UH	26	9	17	34.6%	48,500	0.54	0.19	0.35	2,299	0.39	4,102	560
Mayo GH, Castlebar	8	1	7	12.5%	22,339	0.36	0.04	0.31	1,178	0.08	4,053	291
Mercy UH	12	6	6	50.0%	17,449	0.69	0.34	0.34	1,275	0.47	2,558	498
Midland RH, Mullingar	8	3	5	37.5%	14,307	0.56	0.21	0.35	871	0.34	4,715	185
Midland RH, Portlaoise	1	0	1	0.0%	11,232	0.09	0.00	0.09	654	0.00	2,870	228
Midland RH, Tullamore	5	1	4	20.0%	14,236	0.35	0.07	0.28	449	0.22	2,436	184
MWRH, Dooradoyle	19	6	13	31.6%	33,907	0.56	0.18	0.38	2,102	0.29	5,899	356
MWRH, Ennis	2	0	2	0.0%	7,615	0.26	0.00	0.26	273	0.00	1,279	213
Mid-Western RH, Nenagh	1	0	1	0.0%	6,083	0.16	0.00	0.16	165	0.00	1,065	155
Mid-Western RMH, Limerick	1	0	1	0.0%	8,124	0.12	0.00	0.12	280	0.00	2,218	126
Mid-Western ROH, Croom	0	0	0	0.0%	2,453	0.00	0.00	0.00	13	0.00	401	32
Monaghan GH	0	0	0	0.0%	4,896	0.00	0.00	0.00	133	0.00	607	219
Naas GH	7	3	4	42.9%	20,134	0.35	0.15	0.20	454	0.66	2,014	225
NMH, Holles Street	0	0	0	0.0%	14,990	0.00	0.00	0.00	481	0.00	4,472	108
OLLH, Drogheda	2	0	2	0.0%	23,275	0.09	0.00	0.09	1,159	0.00	5,103	227
OLHSC, Crumlin	7	1	6	14.3%	15,000	0.47	0.07	0.40	2,195	0.05	2,704	812
Our Lady's Hospital, Navan	1	1	0	100.0%	10,882	0.09	0.09	0.00	227	0.44	1,752	130
Portiuncula Hospital, Ballinasloe	2	2	0	100.0%	12,940	0.15	0.15	0.00	544	0.37	2,830	192
Roscommon CH	3	1	2	33.3%	8,233	0.36	0.12	0.24	201	0.50	1,279	157
Rotunda Hospital	3	0	3	0.0%	13,064	0.23	0.00	0.23	430	0.00	3,683	117
RVEEH, Dublin	0	0	0	0.0%	2,443	0.00	0.00	0.00	4	0.00	778	5
Sligo GH	10	4	6	40.0%	19,119	0.52	0.21	0.31	1,154	0.35	3,938	293
South Infirmary/Victoria UH, Cork	5	2	3	40.0%	13,538	0.37	0.15	0.22	424	0.47	2,325	182
South Tipperary GH, Clonmel	10	3	7	30.0%	19,699	0.51	0.15	0.36	873	0.34	3,317	263
St Columcille's Hospital, Loughlinstown	*	*	*	*	*	*	*	*	*	*	*	*
St Finbarr's Hospital, Cork	**	**	**	**	**	**	**	**	**	**	**	**
St James's Hospital	32	13	19	40.6%	73,129	0.44	0.18	0.26	3,644	0.36	5,778	631
St John's Hospital, Limerick	1	0	1	0.0%	5,929	0.17	0.00	0.17	168	0.00	1,025	164
St Luke's Hospital, Kilkenny	2	1	1	50.0%	20,758	0.10	0.05	0.05	677	0.15	3,981	170
St Luke's Hospital, Rathgar	3	2	1	66.7%	10,198	0.29	0.20	0.10	162	1.23	457	354
St Mary's OH, Gurranebraher	0	0	0	0.0%	5,195	0.00	0.00	0.00	12	0.00	821	15
St Michael's Hospital, Dun Laoghaire	0	0	0	0.0%	7,679	0.00	0.00	0.00	205	0.00	1,735	118
St Vincent's UH, Elm Park	11	7	4	63.6%	44,182	0.25	0.16	0.09	1,932	0.36	4,009	482
Waterford RH	16	6	10	37.5%	37,286	0.43	0.16	0.27	2,062	0.29	5,885	350
Wexford GH	5	2	3	40.0%	19,626	0.25	0.10	0.15	818	0.24	4,233	193
<b>TOTAL ROI (Acute Hospitals only)</b>	<b>357</b>	<b>138</b>	<b>219</b>	<b>38.7%</b>	<b>939,345</b>	<b>0.38</b>	<b>0.15</b>	<b>0.23</b>	<b>45,381</b>	<b>0.30</b>	<b>150,763</b>	<b>301</b>

\*\*\* Blood culture numbers not provided

<sup>1</sup> Cork University Hospital includes Cork University Maternity Hospital

<sup>2</sup> Galway University Hospitals include University College Hospital, Galway and Merlin Park University Hospital



**Appendix 5. *S. aureus*/MRSA bloodstream infection data from acute public hospitals in Ireland for Q4 2007**

Hospital Name	SAU number	MRSA number	MSSA number	%MRSA	Bed Days Used	SAU rate per 1,000 bed days used	MRSA rate per 1,000 bed days used	MSSA rate per 1,000 bed days used	BLC number	MRSA rate per 100 BLC	Inpatient Admissions	BLC per 1,000 admissions
AMNCH, Tallaght	17	5	12	29.4%	46,915	0.36	0.11	0.26	2,879	0.17	6,223	463
Bantry GH	2	1	1	50.0%	6,540	0.31	0.15	0.15	116	0.86	708	164
Beaumont Hospital	28	8	20	28.6%	53,995	0.52	0.15	0.37	2,504	0.32	5,358	467
Cappagh National OH	0	0	0	0.0%	5,282	0.00	0.00	0.00	***	***	704	***
Cavan General Hospital	7	2	5	28.6%	16,811	0.42	0.12	0.30	664	0.30	3,366	197
Children's UH, Temple St	1	0	1	0.0%	8,311	0.12	0.00	0.12	523	0.00	1,905	275
Connolly Hospital, Blanchardstown	6	2	4	33.3%	20,388	0.29	0.10	0.20	721	0.28	2,589	278
Coombe Women's Hospital	3	0	3	0.0%	14,261	0.21	0.00	0.21	781	0.00	4,394	178
Cork UH <sup>1</sup>	30	5	25	16.7%	53,495	0.56	0.09	0.47	2,611	0.19	10,860	240
Galway University Hospitals <sup>2</sup>	19	3	16	15.8%	57,323	0.33	0.05	0.28	2,856	0.11	9,676	295
Kerry GH, Tralee	8	3	5	37.5%	21,582	0.37	0.14	0.23	***	***	3,662	***
Kilkreene OH, Co. Kilkenny	0	0	0	0.0%	2,161	0.00	0.00	0.00	9	0.00	247	36
Letterkenny GH	12	5	7	41.7%	24,828	0.48	0.20	0.28	1,692	0.30	5,473	309
Louth CH, Dundalk	1	1	0	100.0%	8,828	0.11	0.11	0.00	257	0.39	1,357	189
Mallow GH	2	1	1	50.0%	6,898	0.29	0.14	0.14	82	1.22	1,185	69
Mater Misericordiae UH	27	9	18	33.3%	35,712	0.76	0.25	0.50	2,424	0.37	4,180	580
Mayo GH, Castlebar	13	5	8	38.5%	21,752	0.60	0.23	0.37	1,223	0.41	4,428	276
Mercy UH	6	4	2	66.7%	16,573	0.36	0.24	0.12	1,161	0.34	2,471	470
Midland RH, Mullingar	3	0	3	0.0%	13,325	0.23	0.00	0.23	494	0.00	4,470	111
Midland RH, Portlaoise	0	0	0	0.0%	10,568	0.00	0.00	0.00	535	0.00	2,665	201
Midland RH, Tullamore	11	6	5	54.5%	15,717	0.70	0.38	0.32	471	1.27	2,399	196
MWRH, Dooradoyle	18	4	14	22.2%	33,830	0.53	0.12	0.41	2,197	0.18	5,869	374
MWRH, Ennis	5	1	4	20.0%	7,294	0.69	0.14	0.55	317	0.32	1,309	242
Mid-Western RH, Nenagh	1	1	0	100.0%	5,907	0.17	0.17	0.00	150	0.67	1,104	136
Mid-Western RMH, Limerick	1	0	1	0.0%	7,945	0.13	0.00	0.13	271	0.00	2,022	134
Mid-Western ROH, Croom	0	0	0	0.0%	2,596	0.00	0.00	0.00	4	0.00	391	10
Monaghan GH	2	0	2	0.0%	4,725	0.42	0.00	0.42	136	0.00	689	197
Naas GH	8	3	5	37.5%	18,347	0.44	0.16	0.27	472	0.64	1,983	238
NMH, Holles Street	2	0	2	0.0%	15,644	0.13	0.00	0.13	413	0.00	4,525	91
OLLH, Drogheda	5	1	4	20.0%	23,800	0.21	0.04	0.17	***	***	5,411	***
OLHSC, Crumlin	6	2	4	33.3%	15,650	0.38	0.13	0.26	2,258	0.09	2,713	832
Our Lady's Hospital, Navan	1	0	1	0.0%	10,467	0.10	0.00	0.10	202	0.00	1,743	116
Portiuncula Hospital, Ballinasloe	1	0	1	0.0%	11,861	0.08	0.00	0.08	517	0.00	2,840	182
Roscommon CH	1	1	0	100.0%	8,323	0.12	0.12	0.00	196	0.51	1,356	145
Rotunda Hospital	6	0	6	0.0%	14,093	0.43	0.00	0.43	378	0.00	3,846	98
RVEEH, Dublin	0	0	0	0.0%	2,098	0.00	0.00	0.00	***	***	757	***
Sligo GH	7	3	4	42.9%	19,876	0.35	0.15	0.20	1,147	0.26	4,296	267
South Infirmary/Victoria UH, Cork	3	2	1	66.7%	13,361	0.22	0.15	0.07	354	0.56	2,212	160
South Tipperary GH, Clonmel	2	0	2	0.0%	19,135	0.10	0.00	0.10	747	0.00	3,228	231
St Columcille's Hospital, Loughlinstown	2	0	2	0.0%	10,658	0.19	0.00	0.19	361	0.00	1,126	321
St Finbarr's Hospital, Cork	1	0	1	0.0%	6,328	0.16	0.00	0.16	82	0.00	199	412
St James's Hospital	25	11	14	44.0%	72,422	0.35	0.15	0.19	3,378	0.33	6,152	549
St John's Hospital, Limerick	0	0	0	0.0%	5,676	0.00	0.00	0.00	144	0.00	938	154
St Luke's Hospital, Kilkenny	4	2	2	50.0%	21,894	0.18	0.09	0.09	613	0.33	3,952	155
St Luke's Hospital, Rathgar	1	0	1	0.0%	10,860	0.09	0.00	0.09	***	***	439	***
St Mary's OH, Gurranebraher	0	0	0	0.0%	5,100	0.00	0.00	0.00	12	0.00	597	20
St Michael's Hospital, Dun Laoghaire	1	0	1	0.0%	6,897	0.14	0.00	0.14	192	0.00	1,800	107
St Vincent's UH, Elm Park	18	3	15	16.7%	43,793	0.41	0.07	0.34	2,671	0.11	4,101	651
Waterford RH	16	7	9	43.8%	34,941	0.46	0.20	0.26	2,162	0.32	6,065	356
Wexford GH	4	0	4	0.0%	18,891	0.21	0.00	0.21	784	0.00	4,326	181
<b>TOTAL ROI (Acute Hospitals only)</b>	<b>337</b>	<b>101</b>	<b>236</b>	<b>30.0%</b>	<b>933,677</b>	<b>0.36</b>	<b>0.11</b>	<b>0.25</b>	<b>42,161</b>	<b>0.23</b>	<b>154,309</b>	<b>294</b>

BLC numbers estimated from annual totals

\*\*\* Blood culture numbers not provided

<sup>1</sup> Cork University Hospital includes Cork University Maternity Hospital

<sup>2</sup> Galway University Hospitals include University College Hospital, Galway and Merlin Park University Hospital

**Appendix 6.** *S. aureus*/MRSA bloodstream infection data from acute public hospitals in Ireland for 2008: the latest 4-quarter period, Q1 2008-Q4 2008 (2008 data are provisional)

Hospital Name	SAU number	MRSA number	MSSA number	%MRSA	Bed Days Used	SAU rate per 1,000 bed days used	MRSA rate per 1,000 bed days used	MSSA rate per 1,000 bed days used	BLC number	MRSA rate per 100 BLC	Inpatient Admissions	BLC per 1,000 admissions
AMNCH, Tallaght	80	27	53	33.8%	191,668	0.42	0.14	0.28	13,233	0.20	24,136	548
Bantry GH	5	1	4	20.0%	27,298	0.18	0.04	0.15	821	0.12	3,061	268
Beaumont Hospital	110	45	65	40.9%	227,325	0.48	0.20	0.29	12,134	0.37	21,720	559
Cappagh National OH	0	0	0	0.0%	15,466	0.00	0.00	0.00	60	0.00	2,309	26
Cavan GH	22	3	19	13.6%	65,793	0.33	0.05	0.29	2,626	0.11	13,835	190
Children's UH, Temple St	11	2	9	18.2%	30,542	0.36	0.07	0.29	1,888	0.11	7,268	260
Connolly Hospital, Blanchardstown	33	8	25	24.2%	78,849	0.42	0.10	0.32	2,771	0.29	9,329	297
Coombe Women's Hospital	9	1	8	11.1%	56,642	0.16	0.02	0.14	3,070	0.03	18,207	169
Cork UH <sup>1</sup>	88	25	63	28.4%	214,843	0.41	0.12	0.29	9,578	0.26	40,485	237
Galway University Hospitals <sup>2</sup>	89	47	42	52.8%	225,798	0.39	0.21	0.19	12,219	0.38	39,230	311
Kerry GH, Tralee	21	13	8	61.9%	80,111	0.26	0.16	0.10	3,442	0.38	14,758	233
Kilkeene OH, Co. Kilkenny	0	0	0	0.0%	7,979	0.00	0.00	0.00	10	0.00	991	10
Letterkenny GH	42	19	23	45.2%	98,358	0.43	0.19	0.23	6,275	0.30	20,470	307
Louth CH, Dundalk	10	4	6	40.0%	35,665	0.28	0.11	0.17	932	0.43	5,113	182
Mallow GH	11	6	5	54.6%	26,042	0.42	0.23	0.19	247	2.43	4,326	57
Mater Misericordiae UH	95	34	61	35.8%	170,482	0.56	0.20	0.36	9,366	0.36	16,594	564
Mayo GH, Castlebar	23	8	15	34.8%	86,984	0.26	0.09	0.17	4,325	0.18	16,851	257
Mercy UH	29	12	17	41.4%	62,631	0.46	0.19	0.27	4,669	0.26	9,573	488
Midland RH, Mullingar	23	6	17	26.1%	57,016	0.40	0.11	0.30	3,252	0.18	18,965	171
Midland RH, Portlaoise	9	1	8	11.1%	41,585	0.22	0.02	0.19	2,416	0.04	10,947	221
Midland RH, Tullamore <sup>3</sup>	8	1	7	12.5%	27,961	0.14	0.02	0.12	945	0.11	4,752	101
MWRH, Dooradoyle	60	19	41	31.7%	134,250	0.45	0.14	0.31	9,268	0.21	23,052	402
MWRH, Ennis	7	2	5	28.6%	29,498	0.24	0.07	0.17	1,051	0.19	4,893	215
Mid-Western RH, Nenagh	4	1	3	25.0%	23,456	0.17	0.04	0.13	698	0.14	4,256	164
Mid-Western RMH, Limerick	2	0	2	0.0%	32,929	0.06	0.00	0.06	1,182	0.00	8,701	136
Mid-Western ROH, Croom	0	0	0	0.0%	10,182	0.00	0.00	0.00	62	0.00	1,637	38
Monaghan GH	3	1	2	33.3%	19,123	0.16	0.05	0.10	484	0.21	2,432	199
Naas GH	18	6	12	33.3%	78,487	0.23	0.08	0.15	1711	0.35	8,125	211
NMH, Holles Street	13	0	13	0.0%	62,990	0.21	0.00	0.21	1,886	0.00	18,382	103
OLLH, Drogheda	15	2	13	13.3%	95,821	0.16	0.02	0.14	4,681	0.04	21,408	219
OLCH, Crumlin	37	6	31	16.2%	60,383	0.61	0.10	0.51	8,460	0.07	10,837	781
Our Lady's Hospital, Navan	6	1	5	16.7%	40,090	0.15	0.02	0.12	815	0.12	6,717	121
Portiuncula Hospital, Ballinasloe	12	7	5	58.3%	49,717	0.24	0.14	0.10	2,262	0.31	11,401	198
Roscommon CH	11	4	7	36.4%	31,267	0.35	0.13	0.22	828	0.48	4,915	168
Rotunda Hospital	14	0	14	0.0%	53,377	0.26	0.00	0.26	1,707	0.00	15,264	112
RVEEH, Dublin	0	0	0	0.0%	8,950	0.00	0.00	0.00	6	0.00	3,370	2
Sligo GH	31	10	21	32.3%	79,157	0.39	0.13	0.27	4,349	0.23	16,028	271
South Infirmary/Victoria UH, Cork	13	4	9	30.8%	51,517	0.25	0.08	0.17	1,633	0.24	9,140	179
South Tipperary GH, Clonmel	17	5	12	29.4%	77,583	0.22	0.06	0.15	3,086	0.16	12,999	237
St Columcille's Hospital, Loughlinstown	*	*	*	*	*	*	*	*	*	*	*	*
St Finbarr's Hospital, Cork	**	**	**	**	**	**	**	**	**	**	**	**
St James's Hospital	96	31	65	32.3%	291,862	0.33	0.11	0.22	14,883	0.21	23,059	645
St John's Hospital, Limerick	2	0	2	0.0%	21,402	0.09	0.00	0.09	599	0.00	3,621	165
St Luke's Hospital, Kilkenny	12	4	8	33.3%	82,745	0.15	0.05	0.10	2,475	0.16	15,805	157
St Luke's Hospital, Rathgar	7	2	5	28.6%	44,517	0.16	0.04	0.11	690	0.29	1,816	380
St Mary's OH, Gurranebraher	1	0	1	0.0%	20,160	0.05	0.00	0.05	50	0.00	2,430	21
St Michael's Hospital, Dun Laoghaire	5	0	5	0.0%	28,233	0.18	0.00	0.18	730	0.00	5,949	123
St Vincent's UH, Elm Park	70	28	42	40.0%	170,164	0.41	0.16	0.25	7,668	0.37	16,211	473
Waterford RH	48	19	29	39.6%	147,340	0.33	0.13	0.20	7,051	0.27	23,320	302
Wexford GH	18	5	13	27.8%	76,576	0.24	0.07	0.17	2,956	0.17	15,920	186
<b>TOTAL ROI (Acute Hospitals only)</b>	<b>1240</b>	<b>420</b>	<b>820</b>	<b>33.9%</b>	<b>3,650,814</b>	<b>0.34</b>	<b>0.12</b>	<b>0.22</b>	<b>175,550</b>	<b>0.24</b>	<b>594,608</b>	<b>295</b>

\* No data for 2008

\*\* No longer classified an acute hospital

<sup>1</sup> Cork University Hospital includes Cork University Maternity Hospital

<sup>2</sup> Galway University Hospitals include University College Hospital, Galway and Merlin Park University Hospital

<sup>3</sup> Data for Q1 and Q2 2008 only

**Appendix 7. *S. aureus*/MRSA bloodstream infection data from acute public hospitals in Ireland for 2007**

Hospital Name	SAU number	MRSA number	MSSA number	%MRSA	BedDaysUsed	SAU rate per 1,000 bed days used	MRSA rate per 1,000 bed days used	MSSA rate per 1,000 bed days used	BLC number	MRSA rate per 100 BLC	InpatientAdmissions	BLC per 1,000 admissions
AMNCH, Tallaght	61	18	43	29.5%	186,356	0.33	0.10	0.23	11,974	0.15	24,418	490
Bantry GH	11	8	3	72.7%	26,042	0.42	0.31	0.12	462	1.73	2,892	160
Beaumont Hospital	125	50	75	40.0%	217,986	0.57	0.23	0.34	11,059	0.45	20,705	534
Cappagh National OH	0	0	0	0.0%	20,075	0.00	0.00	0.00	70	0.00	2,786	25
Cavan GH	24	9	15	37.5%	65,896	0.36	0.14	0.23	2,700	0.33	13,144	205
Children's UH, Temple St	5	0	5	0.0%	33,284	0.15	0.00	0.15	2,082	0.00	8,061	258
Connolly Hospital, Blanchardstown	28	14	14	50.0%	81,519	0.34	0.17	0.17	2,890	0.48	10,081	287
Coombe Women's Hospital	11	2	9	18.2%	58,861	0.19	0.03	0.15	3,070	0.07	17,448	176
Cork UH <sup>1</sup>	128	39	89	30.5%	214,758	0.60	0.18	0.41	10,442	0.37	44,833	233
Kerry GH, Tralee	38	16	22	42.1%	85,546	0.44	0.19	0.26	3,567	0.45	15,004	238
Kilcreene OH, Co. Kilkenny	0	0	0	0.0%	8,507	0.00	0.00	0.00	29	0.00	1,016	29
Letterkenny GH	34	13	21	38.2%	101,089	0.34	0.13	0.21	6,786	0.19	20,995	323
Louth CH, Dundalk	9	1	8	11.1%	35,572	0.25	0.03	0.22	986	0.10	5,403	182
Mallow GH	8	4	4	50.0%	28,851	0.28	0.14	0.14	327	1.22	4,795	68
Mater Misericordiae UH	97	40	57	41.2%	180,865	0.54	0.22	0.32	8,889	0.45	16,406	542
Mayo GH, Castlebar	39	20	19	51.3%	88,385	0.44	0.23	0.21	4,295	0.47	17,354	247
Mercy UH	27	15	12	55.6%	68,383	0.39	0.22	0.18	4,774	0.31	9,893	483
Merlin Park UH, Galway	14	7	7	50.0%	48,290	0.29	0.14	0.14	1,294	0.54	6,003	216
Midland RH, Mullingar	15	5	10	33.3%	54,722	0.27	0.09	0.18	2,545	0.20	17,146	148
Midland RH, Portlaoise	9	3	6	33.3%	42,335	0.21	0.07	0.14	2,139	0.14	10,812	198
Midland RH, Tullamore	28	13	15	46.4%	62,865	0.45	0.21	0.24	1,883	0.69	10,495	179
MWRH, Dooradoyle	52	16	36	30.8%	136,705	0.38	0.12	0.26	9,120	0.18	22,995	397
MWRH, Ennis	10	3	7	30.0%	31,630	0.32	0.09	0.22	1,161	0.26	5,001	232
Mid-Western RH, Nenagh	12	9	3	75.0%	26,756	0.45	0.34	0.11	598	1.51	4,698	127
Mid-Western RMH, Limerick	2	0	2	0.0%	33,190	0.06	0.00	0.06	1,178	0.00	8,183	144
Mid-Western ROH, Croom	0	0	0	0.0%	11,180	0.00	0.00	0.00	34	0.00	1,711	20
Monaghan GH	10	3	7	30.0%	20,909	0.48	0.14	0.33	452	0.66	2,866	158
Naas GH	21	11	10	52.4%	72,916	0.29	0.15	0.14	1,974	0.56	7,921	249
NMH, Holles Street	4	0	4	0.0%	55,115	0.07	0.00	0.07	1,809	0.00	16,874	107
OLLH, Drogheda <sup>2</sup>	5	1	4	20.0%	23,800	0.21	0.04	0.17	***	***	5,411	***
OLHSC, Crumlin	33	4	29	12.1%	60,895	0.54	0.07	0.48	8,285	0.05	11,009	753
Our Lady's Hospital, Cashel <sup>3</sup>	0	0	0	0.0%	336	0.00	0.00	0.00	9	0.00	77	117
Our Lady's Hospital, Navan	9	6	3	66.7%	42,099	0.21	0.14	0.07	807	0.74	6,875	117
Portiuncula Hospital, Ballinasloe	9	3	6	33.3%	49,979	0.18	0.06	0.12	2,068	0.15	11,280	183
Roscommon CH	8	3	5	37.5%	31,961	0.25	0.09	0.16	965	0.31	5,702	169
Rotunda Hospital	12	0	12	0.0%	54,379	0.22	0.00	0.22	1,519	0.00	14,933	102
RVEEH, Dublin	0	0	0	0.0%	8,824	0.00	0.00	0.00	5	0.00	3,285	2
Sligo GH	28	13	15	46.4%	88,143	0.32	0.15	0.17	5,201	0.25	17,448	298
South Infirmary/Victoria UH, Cork	6	4	2	66.7%	55,554	0.11	0.07	0.04	1,577	0.25	8,749	180
South Tipperary GH, Clonmel	8	1	7	12.5%	74,538	0.11	0.01	0.09	2,676	0.04	11,900	225
St Columcille's Hospital, Loughlinstown	22	8	14	36.4%	42,693	0.52	0.19	0.33	1,445	0.55	4,732	305
St Finbarr's Hospital, Cork <sup>1</sup>	4	3	1	75.0%	26,552	0.15	0.11	0.04	329	0.91	879	374
St James's Hospital	125	61	64	48.8%	300,653	0.42	0.20	0.21	15,589	0.39	23,927	652
St John's Hospital, Limerick	5	2	3	40.0%	25,782	0.19	0.08	0.12	677	0.30	3,901	174
St Luke's Hospital, Kilkenny	20	10	10	50.0%	87,742	0.23	0.11	0.11	2,762	0.36	15,809	175
St Luke's Hospital, Rathgar	3	2	1	66.7%	44,758	0.07	0.04	0.02	453	0.44	1,819	249
St Mary's OH, Gurranebraher	0	0	0	0.0%	20,496	0.00	0.00	0.00	49	0.00	2,511	20
St Michael's Hospital, Dun Laoghaire	4	2	2	50.0%	25,826	0.15	0.08	0.08	787	0.25	6,752	117
St Vincent's UH, Elm Park	69	28	41	40.6%	176,854	0.39	0.16	0.23	9,252	0.30	15,937	581
UCHG	78	30	48	38.5%	181,711	0.43	0.17	0.26	9,964	0.30	33,017	302
Waterford RH	54	26	28	48.1%	142,950	0.38	0.18	0.20	7,632	0.34	24,025	318
Wexford GH	13	0	13	0.0%	74,444	0.17	0.00	0.17	2,844	0.00	16,793	169
<b>TOTAL ROI (Acute Hospitals only)</b>	<b>1337</b>	<b>526</b>	<b>811</b>	<b>39.3%</b>	<b>3,739,557</b>	<b>0.36</b>	<b>0.14</b>	<b>0.22</b>	<b>173,484</b>	<b>0.30</b>	<b>596,710</b>	<b>293</b>

\*\*\* Blood culture numbers not provided

<sup>1</sup> In 2007, maternity services at Erinville Hospital and St Finbarr's Hospital, Cork transferred to Cork University Maternity Hospital, which together with Cork University Hospital (CUH) compose CUH group. All data for CUH group in 2007 are presented under CUH

<sup>2</sup> Data received for Q4 2007 only

<sup>3</sup> In Jan 2007, acute services at Our Lady's Hospital, Cashel transferred to South Tipperary General Hospital, Clonmel

**Appendix 8. *S. aureus*/MRSA bloodstream infection data from acute public hospitals in Ireland for 2006**

Hospital Name	SAU number	MRSA number	MSSA number	%MRSA	BedDaysUsed	SAU rate per 1,000 bed days used	MRSA rate per 1,000 bed days used	MSSA rate per 1,000 bed days used	BLC number	MRSA rate per 100 BLC	InpatientAdmissions	BLC per 1,000 admissions
AMNCH, Tallaght	69	19	50	27.5%	179,106	0.39	0.11	0.28	11,972	0.16	23,160	517
Bantry GH	10	8	2	80.0%	25,646	0.39	0.31	0.08	172	4.65	2,955	58
Beaumont Hospital	141	70	71	49.6%	219,659	0.64	0.32	0.32	11,266	0.62	20,330	554
Cappagh National OH	0	0	0	0.0%	22,177	0.00	0.00	0.00	63	0.00	3,110	20
Cavan GH	15	5	10	33.3%	53,105	0.28	0.09	0.19	2,247	0.22	12,954	173
Children's UH, Temple St	8	0	8	0.0%	29,851	0.27	0.00	0.27	1,634	0.00	7,429	220
Connolly Hospital, Blanchardstown	36	15	21	41.7%	83,933	0.43	0.18	0.25	2,771	0.54	9,190	302
Coombe Women's Hospital	4	0	4	0.0%	61,725	0.06	0.00	0.06	3,174	0.00	18,435	172
Cork UH	125	43	82	34.4%	167,884	0.74	0.26	0.49	10,824	0.40	28,050	386
Erinville Hospital, Cork	1	1	0	100.0%	40,520	0.02	0.02	0.00	540	0.19	10,267	53
Kerry GH, Tralee	38	20	18	52.6%	85,075	0.45	0.24	0.21	3,500	0.57	14,775	237
Kilcreene OH, Co. Kilkenny	0	0	0	0.0%	9,697	0.00	0.00	0.00	36	0.00	1,079	33
Letterkenny GH	38	15	23	39.5%	103,611	0.37	0.14	0.22	6,853	0.22	19,951	343
Louth CH, Dundalk	10	3	7	30.0%	30,924	0.32	0.10	0.23	1,004	0.30	5,527	182
Mallow GH	12	4	8	33.3%	23,384	0.51	0.17	0.34	352	1.14	4,576	77
Mater Misericordiae UH	78	35	43	44.9%	190,592	0.41	0.18	0.23	7,595	0.46	16,167	470
Mayo GH, Castlebar	20	12	8	60.0%	87,221	0.23	0.14	0.09	4,163	0.29	16,732	249
Mercy UH	35	17	18	48.6%	66,217	0.53	0.26	0.27	4,188	0.41	9,636	435
Merlin Park UH, Galway	19	10	9	52.6%	63,167	0.30	0.16	0.14	1,256	0.80	7,707	163
Midland RH, Mullingar	27	11	16	40.7%	55,375	0.49	0.20	0.29	2,636	0.42	17,107	154
Midland RH, Portlaoise	14	6	8	42.9%	41,789	0.34	0.14	0.19	2,580	0.23	10,714	241
Midland RH, Tullamore	22	14	8	63.6%	63,323	0.35	0.22	0.13	1,987	0.70	9,767	203
MWRH, Dooradoyle	79	28	51	35.4%	133,893	0.59	0.21	0.38	10,087	0.28	23,786	424
MWRH, Ennis	11	5	6	45.5%	34,266	0.32	0.15	0.18	788	0.63	5,339	148
Mid-Western RH, Nenagh	6	2	4	33.3%	27,408	0.22	0.07	0.15	532	0.38	4,641	115
Mid-Western RMH, Limerick	2	0	2	0.0%	31,124	0.06	0.00	0.06	1,056	0.00	7,963	133
Mid-Western ROH, Croom	0	0	0	0.0%	11,075	0.00	0.00	0.00	25	0.00	1,672	15
Monaghan GH	3	2	1	66.7%	18,020	0.17	0.11	0.06	441	0.45	2,813	157
Naas GH	15	6	9	40.0%	73,807	0.20	0.08	0.12	1,784	0.34	7,627	234
NMH, Holles Street	5	2	3	40.0%	55,581	0.09	0.04	0.05	2,432	0.08	16,051	152
OLLH, Drogheda <sup>1</sup>	10	3	7	30.0%	15,484	0.65	0.19	0.45	1,372	0.22	7,195	191
OLHSC, Crumlin	23	2	21	8.7%	57,181	0.40	0.03	0.37	8,238	0.02	10,733	768
Our Lady's Hospital, Cashel	2	1	1	50.0%	12,647	0.16	0.08	0.08	202	0.50	3,369	60
Our Lady's Hospital, Navan	10	0	10	0.0%	33,742	0.30	0.00	0.30	879	0.00	6,901	127
Portiuncula Hospital, Ballinasloe	14	7	7	50.0%	52,763	0.27	0.13	0.13	2,042	0.34	10,988	186
Roscommon CH	5	4	1	80.0%	31,495	0.16	0.13	0.03	984	0.41	5,098	193
Rotunda Hospital	9	0	9	0.0%	48,812	0.18	0.00	0.18	1,410	0.00	13,044	108
RVEEH, Dublin	0	0	0	0.0%	10,750	0.00	0.00	0.00	8	0.00	3,277	2
Sligo GH	38	16	22	42.1%	88,349	0.43	0.18	0.25	4,880	0.33	17,448	280
South Infirmary/Victoria UH, Cork	14	6	8	42.9%	54,953	0.25	0.11	0.15	1,299	0.46	9,054	143
South Tipperary GH, Clonmel	14	4	10	28.6%	57,958	0.24	0.07	0.17	2,375	0.17	9,186	259
St Columcille's Hospital, Loughlinstown	21	10	11	47.6%	47,648	0.44	0.21	0.23	1,360	0.74	4,434	307
St Finbarr's Hospital, Cork	3	2	1	66.7%	22,806	0.13	0.09	0.04	831	0.24	1,484	560
St James's Hospital	114	65	49	57.0%	287,846	0.40	0.23	0.17	15,727	0.41	24,440	643
St John's Hospital, Limerick	3	1	2	33.3%	27,673	0.11	0.04	0.07	655	0.15	3,873	169
St Luke's Hospital, Kilkenny	23	6	17	26.1%	88,025	0.26	0.07	0.19	2,399	0.25	16,601	145
St Luke's Hospital, Rathgar	0	0	0	0.0%	43,612	0.00	0.00	0.00	539	0.00	1,804	299
St Mary's OH, Gurranebraher	1	1	0	100.0%	21,425	0.05	0.05	0.00	35	2.86	2,540	14
St Michael's Hospital, Dun Laoghaire	5	4	1	80.0%	29,046	0.17	0.14	0.03	675	0.59	4,807	140
St Vincent's UH, Elm Park	60	25	35	41.7%	173,355	0.35	0.14	0.20	8,223	0.30	16,291	505
UCHG	79	36	43	45.6%	163,793	0.48	0.22	0.26	9,349	0.39	28,416	329
Waterford RH	51	24	27	47.1%	147,373	0.35	0.16	0.18	7,619	0.32	24,030	317
Wexford GH	16	5	11	31.3%	71,293	0.22	0.07	0.15	2,747	0.18	15,566	176
<b>TOTAL ROI (Acute Hospitals only)</b>	<b>1358</b>	<b>575</b>	<b>783</b>	<b>42.3%</b>	<b>3,677,184</b>	<b>0.37</b>	<b>0.16</b>	<b>0.21</b>	<b>171,806</b>	<b>0.33</b>	<b>580,089</b>	<b>296</b>

<sup>1</sup> Data received for period Sept-Dec 2006 only