

Report:

Deaths involving MRSA and *Clostridium difficile* by communal establishment: England and Wales, 2001–06

Introduction

This is the first report produced by the Office for National Statistics (ONS) on deaths involving meticillin-resistant *staphylococcus aureus* (MRSA) and *Clostridium difficile* (*C. difficile*) by individual communal establishment where the death took place. National trend data on deaths involving MRSA and *C. difficile* between 2001 and 2006 were published in *Health Statistics Quarterly* 37.^{1,2} In future it is intended to incorporate the information in this report into the regular annual reports on deaths involving MRSA and *C. difficile*. Unabridged tabulations of data on MRSA and *C. difficile* deaths by individual communal establishment of death will be published on the National Statistics website at the same time as this report.^{3,4} Box One explains the terms used in this report.

Box one

Glossary of Terms

***Staphylococcus aureus* (*S. aureus*):** This is a common germ that lives completely harmlessly on the skin and in the nose of about one third of people. It is more common on skin that is broken, for example, by a cut or sore. People who have *S. aureus* on, or in, their bodies but who are unharmed by it are described as **colonised**. *S. aureus* can cause problems when it gets the opportunity to enter the body. This is more likely to happen in people who are already unwell.

Meticillin-resistant *Staphylococcus aureus* (MRSA): This is a variety of *S. aureus* that is resistant to meticillin, and some of the other antibiotics that are usually used to treat *S. aureus*. This sometimes makes it more difficult to treat MRSA infections.

***Clostridium difficile* (*C. difficile*):** This is a spore forming bacterium which is present as one of the 'normal' bacteria in the gut of up to 3 per cent of healthy adults. It is much more common in babies – up to two-thirds of infants may have *C. difficile* in the gut, where it rarely causes problems. People over the age of 65 years are more susceptible to contracting infection.

Communal establishments: These are locations where people live for a period of time in shared accommodation (for example, hospitals, nursing homes, hospices, prisons, boarding schools). Each has a unique code, used when registering any death that occurred there.

Source: Health Protection Agency, Office for National Statistics

Background

There has been a sustained increase in the number of death certificates mentioning MRSA and *C. difficile* in recent years (although deaths involving MRSA levelled off in 2006). This has been accompanied by an increased level of interest in these conditions, and rising public demand for information on the number of deaths involving MRSA and *C. difficile* by individual place. Previous ONS reports have published data on deaths involving MRSA and *C. difficile* by establishment type of place of death, but not by individual communal establishment.

Data were not previously published for individual establishments for a variety of reasons related to specific limitations of death certification data and confidentiality concerns. Recent guidance on the dissemination of health statistics⁵ has only recently been fully implemented for most outputs. Prior to this, there were concerns that the data would have to be disclosure controlled, which would have significantly reduced their value.

The figures in this report should be interpreted with caution for a number of reasons:

(1) Death certificates only tell us where a person died, not where any infection was acquired, or where any treatment that led to the disease was given. For this reason, we cannot be sure that an individual who dies in a particular establishment acquired an infection at the same site, or in any other hospital or place. Conversely, we cannot identify patients who acquired their infection in a given establishment, but died elsewhere after discharge or transfer. Variations in local patterns of care, including average length of stay and the use of community or intermediate care hospitals or nursing homes for convalescence after treatment in acute hospitals, may distort comparisons between communal establishments.

(2) Death certification practices may differ between doctors and establishments. This means that some establishments may be more likely to record MRSA and *C. difficile* than others, and that data from different communal establishments may not be entirely comparable.

(3) Some establishments may undertake more comprehensive screening or testing for MRSA and *C. difficile*, and may do this more often than

others, and this may make it more likely that the infections are reported on death certificates for patients who died at those sites.

(4) Different communal establishments provide care for different types of people. We would expect to see higher numbers of MRSA and *C. difficile* deaths in places treating more seriously ill or very old patients.

(5) The registrar of deaths is required to record the address where the death occurred. This information is taken from the family member or other informant who registers the death. The name, street address and postcode of the building or other place are recorded in the register. These addresses are mapped to a list of communal establishments built up from the local knowledge of registrars which indicates the type of establishment (Box One). The communal establishments from this list cannot easily be matched to lists of NHS Trusts or hospitals produced by the Department of Health and others. It is by its nature a historical and changing list, which relies on local updating.

(6) ONS does not have any direct measure of the numbers of patients at risk, for example, data on the numbers of patients treated, or the total number of in-patient days, in each communal establishment. We have reported the numbers of death certificates mentioning MRSA or *C. difficile* as a proportion of the total number of registered deaths that occurred in each establishment because this is the only available denominator. Higher numbers of deaths would be expected in larger establishments. For a given size of establishment, larger numbers of total deaths may be because the establishment treats more seriously ill and/or elderly patients, the result of standards of care, or a combination of factors. This makes it difficult to interpret variations in the proportion of deaths with MRSA or *C. difficile* mentioned. To aid interpretation, we present all deaths, deaths involving MRSA and *C. difficile*, and the proportion of all deaths involving MRSA and *C. difficile*.

Method

The methods for identifying death certificates where MRSA or *C. difficile* were mentioned are explained in detail in the ONS annual reports on deaths involving MRSA and *C. difficile*.^{1,2} The only change to this method is that this report uses information on the original cause of death only. The original cause of death is that which is recorded in the public register and thus is considered to be discoverable information. The ONS guidance on disclosure control for vital statistics allows for information which is in the public domain, or is discoverable information, to be published in tabular form.⁶ The national figures in the annual reports use the final cause of death. Final cause of death means that the information in the public record may have been amended by the doctor later sending information to ONS in confidence. This could be the results of a laboratory test, which may, for example, identify *C. difficile* as the organism involved. This information cannot be published for small areas or communal establishments as it may identify individuals and the information was provided to ONS in confidence. This means that some of the records included in the national figures may not be included in this report, and totals do not sum to those previously published.^{1,2} The correct national figures remain those that have been published before. It should be noted that differences are extremely slight, and this makes no significant difference to the figures published.

Linking deaths to the individual place where they occurred was done using communal establishment codes, which were then linked to the ONS Geography Communal Establishment file from August 2007. In this report, data on the number of deaths involving MRSA and *C. difficile* are grouped into two five-year periods, 2001–05 and 2002–06 (Tables 1 and 2). Both tables also present the total number of deaths in each communal establishment and the percentage of all deaths in each of these establishments involving MRSA and *C. difficile* for the same five-year

periods. These time periods were used to match those presented in the annual reports. The next annual report will contain data for 2003–07.

Data are presented in this report for each individual communal establishment that had 2,500 or more deaths from all causes in each of the time periods 2001–05 and 2002–06. Of these 218 establishments, 217 were hospitals and one was a hospice. Totals for communal establishments included in the report, other establishments, own home and elsewhere are also included. Data in the accompanying unabridged tables (published online)^{3,4} are presented for each communal establishment that had at least one death involving either MRSA or *C. difficile* in any of the individual years 2001 to 2006. These web tables present deaths involving MRSA or *C. difficile*, and the number of deaths from all causes, for individual establishments by single year.

Results

The 218 communal establishments which had 2,500 or more deaths from all causes in both of the periods 2001–05 and 2002–06 are listed in both Tables 1 and 2. In these establishments, there were a total of 4,293 deaths involving MRSA, and 8,555 involving *C. difficile* in 2001–05. In 2002–06, the figures were 5,109 and 13,189 respectively. Overall, the tables published in this report include 81 and 82 per cent of all deaths involving MRSA in the periods 2001–05 and 2002–06 respectively. For *C. difficile*, these figures are 82 and 84 per cent of all deaths involving *C. difficile*. For the selected establishments included in the report, deaths involving MRSA increased from 0.33 per cent of all deaths in 2001–05 to 0.39 per cent in 2002–06 and deaths involving *C. difficile* increased from 0.66 per cent of all deaths in 2001–05 to 1.01 per cent in 2002–06.

No relationship was found among establishments in the report, between the total number of deaths in the establishment and the proportion of deaths that involved MRSA. This was true for both 2001–05 (Pearson's correlation coefficient = 0.0037, $p=0.9568$) and 2002–06 (0.0015, $p=0.9823$). The correlation between total deaths in an establishment and the proportion which involved *C. difficile* also did not indicate any relationship between the two (Pearson's correlation coefficient for 2001–05 = 0.0868, $p=0.2018$, and for 2002–06 = 0.0773, $p=0.2555$). Thus establishments dealing with particularly large numbers of deaths did not necessarily have high proportions involving either MRSA or *C. difficile*. Further analysis found a weak, but statistically significant, correlation between the number of deaths involving MRSA and the number involving *C. difficile* in each five-year period. The strength of the relationship was similar in both the 2001–05 (Pearson's correlation coefficient = 0.46, $p < 0.00001$) and 2002–06 periods (0.38, $p < 0.00001$).

This suggests that death certification practices are unlikely to fully explain why some communal establishments have higher proportions of deaths mentioning MRSA and *C. difficile* than others, since if death certification was the main reason for the observed variation between places, a much stronger correlation would be expected. That is, if higher proportions of deaths mentioning MRSA or *C. difficile* in a particular establishment were the result of better reporting practices in the establishment, then one would expect this to be the case for both infections, not just one.

Main findings

- There was no relationship between the total number of deaths in a communal establishment and the proportion that involved MRSA or *C. difficile*
- Communal establishments with higher numbers of deaths involving MRSA also tended to have higher numbers of deaths involving *C. difficile*, but this relationship was weak

References

1. Office for National Statistics (2008) 'Report: Deaths involving *Clostridium difficile*, England and Wales, 1999 and 2001–06', *Health Statistics Quarterly* 37, 52–56. Available on the National Statistics website at:
www.statistics.gov.uk/statbase/Product.asp?vlnk=6725
2. Office for National Statistics (2008) 'Report: Deaths involving MRSA, England and Wales, 1993–2006', *Health Statistics Quarterly* 37, 57–62. Available on the National Statistics website at:
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3. Office for National Statistics (2008) Deaths involving MRSA by communal establishment. Available on the National Statistics website at:
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4. Office for National Statistics (2008) Deaths involving *Clostridium difficile* by communal establishment. Available on the National Statistics website at:
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5. Office for National Statistics (2006) Review of the Dissemination of Health Statistics: Confidentiality Guidance (7 April 2006). Available on the Office for National Statistics website at:
www.ons.gov.uk/about/consultation/Consultations/index.html
6. Office for National Statistics (2008) Briefing Note: ONS policy on protecting confidentiality with birth and death statistics (Revised 2008). Available on the National Statistics website at:
www.statistics.gov.uk/downloads/theme_health/ConfidentialityBirth&Death.pdf

Table 1 Deaths involving *C. difficile* by communal establishment¹

England and Wales

Name	Postcode	Total deaths, 2001–05	Total deaths, 2002–06	<i>C. difficile</i> deaths, 2001–05	<i>C. difficile</i> deaths, 2002–06	Percentage of deaths involving <i>C. difficile</i> , 2001–05	Percentage of deaths involving <i>C. difficile</i> , 2002–06
Addenbrookes Hospital, Cambridge	CB2 0QQ	8,209	8,104	105	103	1.28	1.27
Airedale General Hospital, Keighley	BD206TD	4,105	4,105	32	41	0.78	1.00
Alexandra Hospital, Redditch	B98 7UB	4,141	4,178	38	54	0.92	1.29
Arrowe Park Hospital, Birkenhead	CH495PE	9,548	9,653	59	75	0.62	0.78
Ashford Hospital, Staines	TW153AA	3,297	2,703	16	16	0.49	0.59
Barnet General Hospital	EN5 3DJ	6,859	6,788	44	86	0.64	1.27
Barnsley District General Hospital	S75 2EP	5,602	5,780	7	13	0.12	0.22
Basildon Hospital	SS165NL	8,413	9,052	44	90	0.52	0.99
Bassetlaw District General Hospital, Worksop	S81 0BD	3,286	3,342	4	3	0.12	0.09
Bedford Hospital (South Wing)	MK429DJ	5,264	5,350	32	81	0.61	1.51
Birmingham Heartlands Hospital	B9 5SS	10,172	10,239	123	177	1.21	1.73
Blackburn Royal Infirmary	BB2 3LR	3,394	3,204	4	3	0.12	0.09
Bristol Royal Infirmary	BS2 8HW	6,260	6,246	83	136	1.33	2.18
Broomfield Hospital	CM1 7ET	6,935	6,956	36	56	0.52	0.81
Burnley General Hospital	BB102PQ	5,852	6,034	20	23	0.34	0.38
Castle Hill Hospital, Haltemprice	HU165JQ	4,153	4,165	34	36	0.82	0.86
Central Middlesex Hospital, Park Royal	NW107NS	2,979	2,779	13	14	0.44	0.50
Charing Cross Hospital, Fulham	W6 8RF	4,850	4,590	38	46	0.78	1.00
Chase Farm Hospital, Enfield	EN2 8JL	6,277	6,122	21	46	0.33	0.75
Chelsea & Westminster Hospital	SW109NH	3,268	3,171	37	20	1.13	0.63
Chorley and South Ribble District Hospital	PR7 1PP	3,580	3,566	6	8	0.17	0.22
City General Hospital, Stoke on Trent	ST4 6QG	11,121	11,079	70	111	0.63	1.00
City Hospital, Nottingham	NG5 1PB	9,364	9,351	44	78	0.47	0.83
City Hospital, Winson Green	B18 7QH	6,438	6,292	26	69	0.40	1.10
Colchester General Hospital	CO4 5JL	8,654	8,900	29	63	0.34	0.71
Conquest Hospital, St Leonards-on-Sea	TN377RD	5,915	6,000	60	81	1.01	1.35
Countess of Chester Hospital, Chester	CH2 1UL	5,750	6,001	44	58	0.77	0.97
County Hospital, Hereford	HR1 2ER	3,440	3,683	31	76	0.90	2.06
County Hospital, Lincoln	LN2 5QY	6,900	7,028	17	36	0.25	0.51
Cumberland Infirmary, Carlisle	CA2 7HY	4,490	4,447	23	23	0.51	0.52
Darent Valley Hospital, Dartford	DA2 8AA	5,873	5,892	15	26	0.26	0.44
Derby City General Hospital	DE223NE	3,550	3,541	14	57	0.39	1.61
Derbyshire Royal Infirmary, Derby	DE1 2QY	8,411	8,528	14	94	0.17	1.10
Derriford Hospital, Plymouth	PL6 8DH	9,552	9,717	27	31	0.28	0.32
Dewsbury & District Hospital	WF134HS	4,626	4,514	12	20	0.26	0.44
Diana Princess Of Wales Hospital, Grimsby	DN332BA	4,878	5,021	6	12	0.12	0.24
District General Hospital, Southport	PR8 6PN	4,262	4,550	7	9	0.16	0.20
District Hospital, Peterborough	PE3 6DA	5,357	5,454	25	57	0.47	1.05
Dorset County Hospital, Dorchester	DT1 1TP	4,453	4,548	31	32	0.70	0.70
Ealing Hospital, Southall	UB1 3HW	4,432	4,397	46	48	1.04	1.09
East Surrey Hospital, Redhill	RH1 5RH	5,734	6,211	23	33	0.40	0.53
Eastbourne District General Hospital	BN212UD	6,730	6,691	19	32	0.28	0.48
Epsom General Hospital	KT187EG	4,503	4,501	6	29	0.13	0.64
Fairfield General Hospital, Bury	BL9 7TD	4,621	5,140	21	26	0.45	0.51
Freeman Hospital, Newcastle upon Tyne	NE7 7DN	4,879	4,762	40	48	0.82	1.01
Frenchay Hospital, Bristol	BS161LE	6,481	6,799	59	88	0.91	1.29
Frimley Park Hospital	GU167UJ	6,661	6,653	80	164	1.20	2.47
Furness General Hospital, Barrow-in-Furness	LA144LF	3,334	3,374	15	23	0.45	0.68
General Hospital, Bishop Auckland	DL146AD	2,974	2,990	14	19	0.47	0.64
General Hospital, Kettering	NN168UZ	6,743	6,972	61	200	0.90	2.87
General Hospital, Leicester	LE5 4PW	5,845	5,714	99	169	1.69	2.96
General Hospital, Milton Keynes	MK6 5LD	4,601	4,667	59	99	1.28	2.12
General Hospital, Northampton	NN1 5BD	6,623	6,786	66	132	1.00	1.95
General Hospital, Southampton	SO166YD	10,605	10,810	90	149	0.85	1.38
General Hospital, Weston Super Mare	BS234TQ	4,290	4,366	44	88	1.03	2.02
General Infirmary, Leeds	LS1 3EX	9,172	8,943	95	111	1.04	1.24

¹ Institutions with at least 2,500 deaths from all causes in both 2001–05 and 2002–06.

Table 1
continuedDeaths involving *C. Difficile* by communal establishment¹

England and Wales

Name	Postcode	Total deaths, 2001–05	Total deaths, 2002–06	<i>C. difficile</i> deaths, 2001–05	<i>C. difficile</i> deaths, 2002–06	Percentage of deaths involving <i>C. difficile</i> , 2001–05	Percentage of deaths involving <i>C. difficile</i> , 2002–06
George Eliot Hospital, Nuneaton	CV107DJ	6,209	6,486	131	235	2.11	3.62
Glenfield Hospital Trust, Leicester	LE3 9QP	4,352	4,263	36	51	0.83	1.20
Gloucestershire Royal Hospital, Gloucester	GL1 3NN	6,693	6,803	53	101	0.79	1.48
Good Hope Hospital, Sutton Coldfield	B75 7RR	7,730	7,907	29	95	0.38	1.20
Hammersmith Hospital	W12 0HS	2,682	2,732	18	19	0.67	0.70
Harrogate District Hospital	HG2 7SX	4,032	3,951	12	16	0.30	0.40
Hemel Hempstead General Hospital	HP2 4AD	4,873	4,931	45	89	0.92	1.80
Hillingdon Hospital	UB8 3NN	5,506	5,388	61	75	1.11	1.39
Hinchingbrooke Hospital, Huntingdon	PE296NT	3,602	3,526	41	52	1.14	1.47
Homerton University Hospital, Hackney	E9 6SR	3,283	3,292	20	53	0.61	1.61
Hope Hospital, Salford	M6 8HD	7,564	7,552	48	61	0.63	0.81
Horton General Hospital, Banbury	OX169AL	2,572	2,726	7	24	0.27	0.88
Hull Royal Infirmary	HU3 2JZ	9,355	9,528	29	36	0.31	0.38
Ipswich Hospital NHS Trust	IP4 5PD	8,523	8,567	92	127	1.08	1.48
James Cook University Hospital, Middlesbrough	TS4 3BW	8,022	8,464	22	25	0.27	0.30
James Paget Hospital, Gorleston	NR316LA	6,182	6,265	36	50	0.58	0.80
John Radcliffe Hospital, Oxford	OX3 9DU	7,351	7,608	57	111	0.78	1.46
Kent & Canterbury Hospital	CT1 3NG	5,679	5,645	16	33	0.28	0.58
Kent & Sussex Hospital, Tunbridge Wells	TN4 8AT	3,673	3,762	28	39	0.76	1.04
King George Hospital, Ilford	IG3 8YB	6,088	6,057	52	96	0.85	1.58
King's College Hospital, Denmark Hill	SE5 9RS	6,884	6,946	28	48	0.41	0.69
Kings Mill Hospital, Sutton-in-Ashfield	NG174JL	6,911	6,963	15	32	0.22	0.46
Kingston Hospital	KT2 7QB	7,407	7,345	52	62	0.70	0.84
Leighton Hospital, Crewe	CW1 4QJ	6,307	6,364	44	57	0.70	0.90
Lister Hospital, Stevenage	SG1 4AB	5,879	5,949	62	85	1.05	1.43
Llandough Hospital, Penarth	CF642XX	3,853	3,791	28	29	0.73	0.76
Luton and Dunstable Hospital	LU4 0DZ	7,257	7,225	61	97	0.84	1.34
Macclesfield District General Hospital	SK103BL	4,113	4,112	18	46	0.44	1.12
Maelor Hospital, Wrexham	LL137TD	5,820	5,855	25	29	0.43	0.50
Maidstone Hospital	ME169QQ	5,006	5,058	40	113	0.80	2.23
Manor Hospital, Walsall	WS2 9PS	7,061	7,206	27	75	0.38	1.04
Mayday Hospital, Croydon	CR7 7YE	7,205	7,249	27	54	0.37	0.74
Medway Maritime Hospital, Gillingham	ME7 5NY	7,962	8,042	25	49	0.31	0.61
Memorial Hospital, Darlington	DL3 6HX	3,958	4,024	11	14	0.28	0.35
Morrison Hospital, Swansea	SA6 6NL	6,191	6,048	44	49	0.71	0.81
Musgrove Park Hospital, Taunton	TA1 5DA	6,276	6,313	108	148	1.72	2.34
Nevill Hall Hospital, Abergavenny	NP7 7EG	4,170	4,159	14	18	0.34	0.43
New Cross Hospital, Wolverhampton	WV100QP	9,875	10,221	66	132	0.67	1.29
Newcastle General Hospital, Newcastle upon Tyne	NE4 6BE	3,348	3,274	11	13	0.33	0.40
Newham University Hospital	E13 8SL	3,911	3,814	27	48	0.69	1.26
Norfolk and Norwich University Hospital	NR4 7UZ	11,624	11,969	101	117	0.87	0.98
North Cheshire Hospitals NHS Trust, Warrington	WA5 1QG	5,803	6,037	26	47	0.45	0.78
North Devon District Hospital, Barnstaple	EX314JB	3,509	3,438	21	53	0.60	1.54
North Manchester General Hospital	M8 5RB	6,977	6,979	18	23	0.26	0.33
North Middlesex Hospital, Edmonton	N18 1QX	5,428	5,394	27	57	0.50	1.06
North Stafford Royal Infirmary	ST4 7LN	3,875	3,925	9	17	0.23	0.43
North Tyneside General Hospital, North Shields	NE298NH	5,625	5,706	86	112	1.53	1.96
Northern General Hospital, Sheffield	S5 7AU	11,039	11,154	59	85	0.53	0.76
Northwick Park Hospital, Harrow	HA1 3UJ	7,239	7,108	53	64	0.73	0.90
Oldchurch Hospital, Romford	RM7 0BE	9,175	9,092	76	121	0.83	1.33
Pilgrim Hospital (District Hospital), Boston	PE219QS	6,125	6,171	11	21	0.18	0.34
Pinderfields Hospital, Wakefield	WF1 4DG	5,242	5,413	39	53	0.74	0.98
Poole Hospital	BH152JB	6,833	6,852	47	53	0.69	0.77
Prince Charles Hospital, Merthyr Tydfil	CF479DT	4,582	4,604	11	10	0.24	0.22

1 Institutions with at least 2,500 deaths from all causes in both 2001–05 and 2002–06.

Table 1
continuedDeaths involving *C. Difficile* by communal establishment¹

England and Wales

Name	Postcode	Total deaths, 2001–05	Total deaths, 2002–06	<i>C. difficile</i> deaths, 2001–05	<i>C. difficile</i> deaths, 2002–06	Percentage of deaths involving <i>C. difficile</i> , 2001–05	Percentage of deaths involving <i>C. difficile</i> , 2002–06
Prince Philip Hospital, Llanelli	SA148QF	2,932	2,897	7	9	0.24	0.31
Princess Alexandra Hospital, Harlow	CM201QX	5,704	5,800	28	52	0.49	0.90
Princess of Wales Hospital, Bridgend	CF311RQ	4,828	4,928	26	49	0.54	0.99
Princess Royal Hospital, Telford	TF1 6TF	4,662	4,747	17	33	0.36	0.70
Princess Royal University Hospital, Farnborough	BR6 8ND	3,336	4,552	10	31	0.30	0.68
Queen Alexandra Hospital, Portsmouth	PO6 3LY	10,535	10,502	63	68	0.60	0.65
Queen Elizabeth Hospital, Edgbaston	B15 2TH	4,261	3,945	22	45	0.52	1.14
Queen Elizabeth Hospital, Gateshead	NE9 6SX	6,002	6,058	35	32	0.58	0.53
Queen Elizabeth Hospital, King's Lynn	PE304ET	6,431	6,582	76	108	1.18	1.64
Queen Elizabeth Hospital, Woolwich	SE184QH	6,050	6,268	46	80	0.76	1.28
Queen Elizabeth II Hospital, Welwyn Garden City	AL7 4HQ	4,457	4,360	47	75	1.05	1.72
Queen Elizabeth The Queen Mother Hospital, Margate	CT9 4AN	6,226	6,370	44	66	0.71	1.04
Queen Mary's Hospital, Sidcup	DA146LT	6,021	5,752	31	35	0.51	0.61
Queens Hospital, Burton upon Trent	DE130RB	5,665	5,720	50	122	0.88	2.13
Queens Medical Centre, Nottingham	NG7 2UH	11,314	11,392	60	93	0.53	0.82
Rotherham District General Hospital	S60 2UD	7,233	7,180	22	23	0.30	0.32
Royal Albert Edward Infirmary, Wigan	WN1 2NN	6,934	6,986	62	63	0.89	0.90
Royal Berkshire Hospital, Reading	RG1 5AN	6,268	6,817	30	54	0.48	0.79
Royal Blackburn Hospital	BB2 3HH	3,162	3,300	10	10	0.32	0.30
Royal Bournemouth Hospital	BH7 7DW	8,130	8,134	19	20	0.23	0.25
Royal Cornwall Hospital, Truro	TR1 3LJ	7,339	7,553	27	29	0.37	0.38
Royal Devon and Exeter Hospital, Wonford	EX2 5DW	6,586	6,727	82	87	1.25	1.29
Royal Free Hospital, Camden	NW3 2QG	5,865	5,764	30	39	0.51	0.68
Royal Glamorgan Hospital, Lantrisant	CF728XR	4,361	4,401	16	25	0.37	0.57
Royal Gwent Hospital, Newport	NP202UB	8,103	8,024	34	37	0.42	0.46
Royal Hallamshire Hospital, Sheffield	S10 2JF	5,004	4,841	40	43	0.80	0.89
Royal Hampshire County Hospital, Winchester	SO225DG	4,560	4,562	26	47	0.57	1.03
Royal Hospital, Chesterfield	S44 5BL	7,487	7,510	40	97	0.53	1.29
Royal Infirmary, Bradford	BD9 6RJ	5,819	6,029	9	13	0.15	0.22
Royal Infirmary, Doncaster	DN2 5LT	7,493	7,593	13	14	0.17	0.18
Royal Infirmary, Huddersfield	HD3 3EA	5,234	5,350	12	15	0.23	0.28
Royal Infirmary, Lancaster	LA1 4RP	4,472	4,584	10	21	0.22	0.46
Royal Infirmary, Leicester	LE1 5WW	11,409	11,672	110	203	0.96	1.74
Royal Infirmary, Manchester	M13 9WL	6,560	6,717	28	46	0.43	0.68
Royal Liverpool University Hospital	L7 8XP	8,988	8,801	49	60	0.55	0.68
Royal London Hospital, Whitechapel	E1 1BB	4,820	4,786	30	51	0.62	1.07
Royal Preston Hospital	PR2 9HT	6,688	6,752	23	35	0.34	0.52
Royal Shrewsbury Hospital	SY3 8XQ	5,487	5,445	12	16	0.22	0.29
Royal Surrey County Hospital, Guildford	GU2 7XX	5,516	5,582	43	82	0.78	1.47
Royal Sussex County Hospital, Brighton	BN2 5BE	6,788	7,053	43	71	0.63	1.01
Royal United Hospital, Bath	BA1 3QE	7,841	8,259	176	268	2.24	3.24
Royal Victoria Infirmary, Newcastle upon Tyne	NE1 4LP	5,018	4,892	22	40	0.44	0.82
Russells Hall Hospital, Dudley	DY1 2HQ	8,652	8,897	55	78	0.64	0.88
Salisbury District Hospital	SP2 8BJ	4,957	4,968	24	34	0.48	0.68
Sandwell General Hospital, West Bromwich	B71 4HJ	6,768	6,859	57	67	0.84	0.98
Scarborough Hospital	YO126QJ	3,897	3,972	2	3	0.05	0.08
Scunthorpe General Hospital	DN157BH	4,612	4,674	25	32	0.54	0.68
Selly Oak Hospital	B29 6JD	7,236	7,208	82	123	1.13	1.71
Singleton Hospital, Swansea	SA2 8QA	4,237	4,375	13	20	0.31	0.46
Solihull Hospital	B91 2JL	3,562	3,527	32	45	0.90	1.28
South Tyneside District Hospital, South Shields	NE340PL	4,592	4,571	67	74	1.46	1.62
Southend Hospital	SS0 ORY	10,582	10,607	44	69	0.42	0.65
Southmead Hospital, Bristol	BS105NB	4,924	4,690	68	100	1.38	2.13
St Christophers Hospice, Sydenham	SE266DZ	2,822	2,873	1	2	0.04	0.07
St Georges Hospital, Tooting	SW170QT	7,118	7,190	76	96	1.07	1.34
St Helier Hospital, Carshalton	SM5 1AA	6,296	6,099	74	91	1.18	1.49

1 Institutions with at least 2,500 deaths from all causes in both 2001–05 and 2002–06.

Table 1
continuedDeaths involving *C. Difficile* by communal establishment¹

England and Wales

Name	Postcode	Total deaths, 2001–05	Total deaths, 2002–06	<i>C. difficile</i> deaths, 2001–05	<i>C. difficile</i> deaths, 2002–06	Percentage of deaths involving <i>C. difficile</i> , 2001–05	Percentage of deaths involving <i>C. difficile</i> , 2002–06
St James University Hospital, Leeds	LS9 7TF	7,714	7,781	28	45	0.36	0.58
St Marys Hospital, Newport, Isle of Wight	PO305TG	4,139	4,206	40	39	0.97	0.93
St Marys Hospital, Portsmouth	PO3 6AD	3,282	3,283	31	43	0.94	1.31
St Marys Hospital, Westminster	W2 1NY	4,304	4,100	39	61	0.91	1.49
St Peters Hospital, Chertsey	KT160PZ	5,121	5,666	39	81	0.76	1.43
St Richards Hospital, Chichester	PO196SE	5,440	5,504	35	48	0.64	0.87
St Thomas's Hospital, Lambeth	SE1 7EH	5,967	5,661	27	34	0.45	0.60
Staffordshire General Hospital, Stafford	ST163SA	5,038	5,251	19	67	0.38	1.28
Stepping Hill Hospital, Stockport	SK2 7JE	7,607	7,550	69	90	0.91	1.19
Stoke Mandeville Hospital, Aylesbury	HP218AL	3,746	3,686	82	101	2.19	2.74
Sunderland Royal Hospital	SR4 7TP	10,079	10,065	134	152	1.33	1.51
Tameside General Hospital, Ashton under Lyne	OL6 9RW	7,405	7,372	6	17	0.08	0.23
The Calderdale Royal Hospital, Halifax	HX3 0PW	4,727	4,858	11	16	0.23	0.33
The General Hospital, Cheltenham	GL537AN	5,137	5,282	60	98	1.17	1.86
The General Infirmary, Pontefract	WF8 1PL	4,638	4,406	14	27	0.30	0.61
The Great Western Hospital, Swindon	SN3 1LU	3,813	5,265	38	76	1.00	1.44
The Infirmary, Rochdale	OL120NB	3,256	3,536	6	12	0.18	0.34
The North Hampshire Hospital, Basingstoke	RG249NA	3,914	3,857	31	35	0.79	0.91
The Princess Royal Hospital, Haywards Heath	RH164EX	3,079	2,952	18	24	0.58	0.81
The Royal Bolton Hospital, Farnworth	BL4 0JR	9,942	10,109	35	55	0.35	0.54
The Royal Oldham Hospital	OL1 2JH	6,990	7,022	13	21	0.19	0.30
Torbay Hospital, Torquay	TQ2 7AA	6,434	6,467	16	39	0.25	0.60
Trafford General Hospital, Manchester	M41 5SL	3,727	3,560	24	34	0.64	0.96
University Hospital Aintree	L9 7AL	9,923	9,797	48	64	0.48	0.65
University Hospital Lewisham	SE136LH	6,399	6,295	49	49	0.77	0.78
University Hospital of Hartlepool	TS249AH	3,768	3,792	18	26	0.48	0.69
University Hospital of North Durham	DH1 5TW	5,868	5,823	23	36	0.39	0.62
University Hospital of North Tees, Stockton on Tees	TS198PE	4,976	5,061	9	18	0.18	0.36
University Hospital of Wales, Cardiff	CF144XW	8,994	8,800	39	42	0.43	0.48
Victoria Hospital, Blackpool	FY3 8NR	9,957	9,923	44	78	0.44	0.79
Walsgrave Hospital, Coventry	CV2 2DX	11,012	10,960	144	233	1.31	2.13
Wansbeck General Hospital, Ashington	NE639JJ	5,215	5,303	40	45	0.77	0.85
Warwick Hospital	CV345BW	5,060	5,075	72	104	1.42	2.05
Watford General Hospital	WD180HB	5,029	5,049	39	81	0.78	1.60
West Cumberland Hospital, Whitehaven	CA288JG	3,211	3,225	7	8	0.22	0.25
West Middlesex Hospital, Isleworth	TW7 6AF	4,835	4,857	66	107	1.37	2.20
West Suffolk Hospital, Bury St Edmunds	IP332QZ	5,720	5,678	80	74	1.40	1.30
West Wales General Hospital, Carmarthen	SA312AF	3,320	3,412	8	12	0.24	0.35
Wexham Park Hospital, Slough	SL2 4HL	6,008	5,861	46	66	0.77	1.13
Whipps Cross University Hospital, Leytonstone	E11 1NR	9,073	8,904	101	140	1.11	1.57
Whiston Hospital	L35 5DR	8,548	8,396	65	64	0.76	0.76
Whittington Hospital, St Mary's Wing, Archway	N19 3UA	4,099	3,895	21	33	0.51	0.85
William Harvey Hospital, Ashford	TN240LZ	6,190	6,198	50	64	0.81	1.03
Withybush General Hospital, Haverfordwest	SA612PZ	3,176	3,178	11	16	0.35	0.50
Worcestershire Royal Hospital, Worcester	WR5 1DD	6,184	7,378	55	118	0.89	1.60
Worthing Hospital	BN112DH	7,125	7,079	55	80	0.77	1.13
Wycombe General Hospital, High Wycombe	HP112TT	4,373	4,313	33	44	0.75	1.02
Wythenshawe Hospital, Manchester	M23 9LT	7,409	7,684	41	56	0.55	0.73
Yeovil District Hospital	BA214AT	3,763	3,890	59	97	1.57	2.49
York Hospital	YO318HE	7,123	7,086	15	20	0.21	0.28
Ysbyty Glan Clwyd, Bodelwyddan	LL185UJ	5,858	5,936	13	10	0.22	0.17
Ysbyty Gwynedd, Bangor	LL572PW	4,769	4,847	11	11	0.23	0.23
Listed communal establishments		1,298,475	1,310,533	8,555	13,189	0.66	1.01
Other communal establishments		795,729	760,261	1,765	2,354	0.22	0.31
Own home		482,792	478,915	76	117	0.02	0.02
Elsewhere		57,252	54,640	20	23	0.03	0.04
Total deaths		2,634,248	2,604,349	10,416	15,683	0.40	0.60

¹ Institutions with at least 2,500 deaths from all causes in both 2001–05 and 2002–06.

Table 2

Deaths involving MRSA by communal establishment¹

England and Wales

Name	Postcode	Total deaths, 2001–05	Total deaths, 2002–06	MRSA deaths, 2001–05	MRSA deaths, 2002–06	Percentage of deaths involving MRSA, 2001–05	Percentage of deaths involving MRSA, 2002–06
Addenbrookes Hospital, Cambridge	CB2 0QQ	8,209	8,104	65	68	0.79	0.84
Airedale General Hospital, Keighley	BD206TD	4,105	4,105	9	6	0.22	0.15
Alexandra Hospital, Redditch	B98 7UB	4,141	4,178	22	25	0.53	0.60
Arrowe Park Hospital, Birkenhead	CH495PE	9,548	9,653	27	39	0.28	0.40
Ashford Hospital, Staines	TW153AA	3,297	2,703	21	18	0.64	0.67
Barnet General Hospital	EN5 3DJ	6,859	6,788	12	17	0.17	0.25
Barnsley District General Hospital	S75 2EP	5,602	5,780	11	14	0.20	0.24
Basildon Hospital	SS165NL	8,413	9,052	9	11	0.11	0.12
Bassetlaw District General Hospital, Worksop	S81 0BD	3,286	3,342	8	8	0.24	0.24
Bedford Hospital (South Wing)	MK429DJ	5,264	5,350	17	22	0.32	0.41
Birmingham Heartlands Hospital	B9 5SS	10,172	10,239	67	67	0.66	0.65
Blackburn Royal Infirmary	BB2 3LR	3,394	3,204	3	2	0.09	0.06
Bristol Royal Infirmary	BS2 8HW	6,260	6,246	43	51	0.69	0.82
Broomfield Hospital	CM1 7ET	6,935	6,956	27	25	0.39	0.36
Burnley General Hospital	BB102PQ	5,852	6,034	11	11	0.19	0.18
Castle Hill Hospital, Haltemprice	HU165JQ	4,153	4,165	23	23	0.55	0.55
Central Middlesex Hospital, Park Royal	NW107NS	2,979	2,779	10	8	0.34	0.29
Charing Cross Hospital, Fulham	W6 8RF	4,850	4,590	20	23	0.41	0.50
Chase Farm Hospital, Enfield	EN2 8JL	6,277	6,122	27	42	0.43	0.69
Chelsea & Westminster Hospital	SW109NH	3,268	3,171	14	11	0.43	0.35
Chorley and South Ribble District Hospital	PR7 1PP	3,580	3,566	10	10	0.28	0.28
City General Hospital, Stoke on Trent	ST4 6QG	11,121	11,079	42	49	0.38	0.44
City Hospital, Nottingham	NG5 1PB	9,364	9,351	40	42	0.43	0.45
City Hospital, Winson Green	B18 7QH	6,438	6,292	41	36	0.64	0.57
Colchester General Hospital	CO4 5JL	8,654	8,900	10	20	0.12	0.22
Conquest Hospital, St Leonards-on-Sea	TN377RD	5,915	6,000	39	43	0.66	0.72
Countess of Chester Hospital, Chester	CH2 1UL	5,750	6,001	17	25	0.30	0.42
County Hospital, Hereford	HR1 2ER	3,440	3,683	8	15	0.23	0.41
County Hospital, Lincoln	LN2 5QY	6,900	7,028	21	21	0.30	0.30
Cumberland Infirmary, Carlisle	CA2 7HY	4,490	4,447	14	17	0.31	0.38
Darent Valley Hospital, Dartford	DA2 8AA	5,873	5,892	8	12	0.14	0.20
Derby City General Hospital	DE223NE	3,550	3,541	11	16	0.31	0.45
Derbyshire Royal Infirmary, Derby	DE1 2QY	8,411	8,528	16	18	0.19	0.21
Derriford Hospital, Plymouth	PL6 8DH	9,552	9,717	79	94	0.83	0.97
Dewsbury & District Hospital	WF134HS	4,626	4,514	17	16	0.37	0.35
Diana Princess Of Wales Hospital, Grimsby	DN332BA	4,878	5,021	15	15	0.31	0.30
District General Hospital, Southport	PR8 6PN	4,262	4,550	6	11	0.14	0.24
District Hospital, Peterborough	PE3 6DA	5,357	5,454	6	5	0.11	0.09
Dorset County Hospital, Dorchester	DT1 1TP	4,453	4,548	9	10	0.20	0.22
Ealing Hospital, Southall	UB1 3HW	4,432	4,397	18	27	0.41	0.61
East Surrey Hospital, Redhill	RH1 5RH	5,734	6,211	21	29	0.37	0.47
Eastbourne District General Hospital	BN212UD	6,730	6,691	20	29	0.30	0.43
Epsom General Hospital	KT187EG	4,503	4,501	6	9	0.13	0.20
Fairfield General Hospital, Bury	BL9 7TD	4,621	5,140	12	15	0.26	0.29
Freeman Hospital, Newcastle upon Tyne	NE7 7DN	4,879	4,762	43	47	0.88	0.99
Frenchay Hospital, Bristol	BS161LE	6,481	6,799	16	23	0.25	0.34
Frimley Park Hospital	GU167UJ	6,661	6,653	21	24	0.32	0.36
Furness General Hospital, Barrow-in-Furness	LA144LF	3,334	3,374	19	20	0.57	0.59
General Hospital, Bishop Auckland	DL146AD	2,974	2,990	10	11	0.34	0.37
General Hospital, Kettering	NN168UZ	6,743	6,972	15	22	0.22	0.32
General Hospital, Leicester	LE5 4PW	5,845	5,714	18	18	0.31	0.32
General Hospital, Milton Keynes	MK6 5LD	4,601	4,667	8	12	0.17	0.26
General Hospital, Northampton	NN1 5BD	6,623	6,786	24	32	0.36	0.47
General Hospital, Southampton	SO166YD	10,605	10,810	52	64	0.49	0.59
General Hospital, Weston Super Mare	BS234TQ	4,290	4,366	26	23	0.61	0.53
General Infirmary, Leeds	LS1 3EX	9,172	8,943	64	70	0.70	0.78

¹ Institutions with at least 2,500 deaths from all causes in both 2001–05 and 2002–06.

Table 2
continuedDeaths involving MRSA by communal establishment¹

England and Wales

Name	Postcode	Total deaths, 2001–05	Total deaths, 2002–06	MRSA deaths, 2001–05	MRSA deaths, 2002–06	Percentage of deaths involving MRSA, 2001–05	Percentage of deaths involving MRSA, 2002–06
George Eliot Hospital, Nuneaton	CV107DJ	6,209	6,486	17	18	0.27	0.28
Glenfield Hospital Trust, Leicester	LE3 9QP	4,352	4,263	19	19	0.44	0.45
Gloucestershire Royal Hospital, Gloucester	GL1 3NN	6,693	6,803	5	11	0.07	0.16
Good Hope Hospital, Sutton Coldfield	B75 7RR	7,730	7,907	17	25	0.22	0.32
Hammersmith Hospital	W12 0HS	2,682	2,732	4	5	0.15	0.18
Harrogate District Hospital	HG2 7SX	4,032	3,951	17	25	0.42	0.63
Hemel Hempstead General Hospital	HP2 4AD	4,873	4,931	20	17	0.41	0.34
Hillingdon Hospital	UB8 3NN	5,506	5,388	17	20	0.31	0.37
Hinchingbrooke Hospital, Huntingdon	PE296NT	3,602	3,526	13	22	0.36	0.62
Homerton University Hospital, Hackney	E9 6SR	3,283	3,292	4	6	0.12	0.18
Hope Hospital, Salford	M6 8HD	7,564	7,552	28	27	0.37	0.36
Horton General Hospital, Banbury	OX169AL	2,572	2,726	4	7	0.16	0.26
Hull Royal Infirmary	HU3 2JZ	9,355	9,528	31	38	0.33	0.40
Ipswich Hospital NHS Trust	IP4 5PD	8,523	8,567	48	49	0.56	0.57
James Cook University Hospital, Middlesbrough	TS4 3BW	8,022	8,464	10	9	0.12	0.11
James Paget Hospital, Gorleston	NR316LA	6,182	6,265	18	24	0.29	0.38
John Radcliffe Hospital, Oxford	OX3 9DU	7,351	7,608	22	30	0.30	0.39
Kent & Canterbury Hospital	CT1 3NG	5,679	5,645	20	17	0.35	0.30
Kent & Sussex Hospital, Tunbridge Wells	TN4 8AT	3,673	3,762	13	15	0.35	0.40
King George Hospital, Ilford	IG3 8YB	6,088	6,057	14	16	0.23	0.26
King's College Hospital, Denmark Hill	SE5 9RS	6,884	6,946	32	40	0.46	0.58
Kings Mill Hospital, Sutton-in-Ashfield	NG174JL	6,911	6,963	18	23	0.26	0.33
Kingston Hospital	KT2 7QB	7,407	7,345	21	29	0.28	0.39
Leighton Hospital, Crewe	CW1 4QJ	6,307	6,364	28	33	0.44	0.52
Lister Hospital, Stevenage	SG1 4AB	5,879	5,949	21	38	0.36	0.64
Llandough Hospital, Penarth	CF642XX	3,853	3,791	5	6	0.13	0.16
Luton and Dunstable Hospital	LU4 0DZ	7,257	7,225	17	15	0.23	0.21
Macclesfield District General Hospital	SK103BL	4,113	4,112	5	10	0.12	0.24
Maelor Hospital, Wrexham	LL137TD	5,820	5,855	56	79	0.96	1.35
Maidstone Hospital	ME169QQ	5,006	5,058	24	25	0.48	0.49
Manor Hospital, Walsall	WS2 9PS	7,061	7,206	27	39	0.38	0.54
Mayday Hospital, Croydon	CR7 7YE	7,205	7,249	5	15	0.07	0.21
Medway Maritime Hospital, Gillingham	ME7 5NY	7,962	8,042	28	38	0.35	0.47
Memorial Hospital, Darlington	DL3 6HX	3,958	4,024	9	8	0.23	0.20
Morrison Hospital, Swansea	SA6 6NL	6,191	6,048	42	41	0.68	0.68
Musgrove Park Hospital, Taunton	TA1 5DA	6,276	6,313	68	77	1.08	1.22
Nevill Hall Hospital, Abergavenny	NP7 7EG	4,170	4,159	11	10	0.26	0.24
New Cross Hospital, Wolverhampton	WV100QP	9,875	10,221	29	40	0.29	0.39
Newcastle General Hospital, Newcastle upon Tyne	NE4 6BE	3,348	3,274	6	9	0.18	0.27
Newham University Hospital	E13 8SL	3,911	3,814	8	9	0.20	0.24
Norfolk and Norwich University Hospital	NR4 7UZ	11,624	11,969	45	65	0.39	0.54
North Cheshire Hospitals NHS Trust, Warrington	WA5 1QG	5,803	6,037	4	4	0.07	0.07
North Devon District Hospital, Barnstaple	EX314JB	3,509	3,438	15	20	0.43	0.58
North Manchester General Hospital	M8 5RB	6,977	6,979	23	35	0.33	0.50
North Middlesex Hospital, Edmonton	N18 1QX	5,428	5,394	25	29	0.46	0.54
North Stafford Royal Infirmary	ST4 7LN	3,875	3,925	14	19	0.36	0.48
North Tyneside General Hospital, North Shields	NE298NH	5,625	5,706	31	41	0.55	0.72
Northern General Hospital, Sheffield	S5 7AU	11,039	11,154	17	18	0.15	0.16
Northwick Park Hospital, Harrow	HA1 3UJ	7,239	7,108	18	25	0.25	0.35
Oldchurch Hospital, Romford	RM7 0BE	9,175	9,092	7	9	0.08	0.10
Pilgrim Hospital (District Hospital), Boston	PE219QS	6,125	6,171	22	22	0.36	0.36
Pinderfields Hospital, Wakefield	WF1 4DG	5,242	5,413	26	33	0.50	0.61
Poole Hospital	BH152JB	6,833	6,852	30	38	0.44	0.55
Prince Charles Hospital, Merthyr Tydfil	CF479DT	4,582	4,604	16	15	0.35	0.33
Prince Philip Hospital, Llanelli	SA148QF	2,932	2,897	3	5	0.10	0.17

1 Institutions with at least 2,500 deaths from all causes in both 2001–05 and 2002–06.

Table 2
continuedDeaths involving MRSA by communal establishment¹

England and Wales

Name	Postcode	Total deaths, 2001–05	Total deaths, 2002–06	MRSA deaths, 2001–05	MRSA deaths, 2002–06	Percentage of deaths involving MRSA, 2001–05	Percentage of deaths involving MRSA, 2002–06
Princess Alexandra Hospital, Harlow	CM201QX	5,704	5,800	13	18	0.23	0.31
Princess of Wales Hospital, Bridgend	CF311RQ	4,828	4,928	20	23	0.41	0.47
Princess Royal Hospital, Telford	TF1 6TF	4,662	4,747	6	7	0.13	0.15
Princess Royal University Hospital, Farnborough	BR6 8ND	3,336	4,552	6	7	0.18	0.15
Queen Alexandra Hospital, Portsmouth	PO6 3LY	10,535	10,502	72	81	0.68	0.77
Queen Elizabeth Hospital, Edgbaston	B15 2TH	4,261	3,945	28	27	0.66	0.68
Queen Elizabeth Hospital, Gateshead	NE9 6SX	6,002	6,058	18	21	0.30	0.35
Queen Elizabeth Hospital, King's Lynn	PE304ET	6,431	6,582	27	24	0.42	0.36
Queen Elizabeth Hospital, Woolwich	SE184QH	6,050	6,268	9	10	0.15	0.16
Queen Elizabeth II Hospital, Welwyn Garden City	AL7 4HQ	4,457	4,360	17	25	0.38	0.57
Queen Elizabeth The Queen Mother Hospital, Margate	CT9 4AN	6,226	6,370	9	2	0.14	0.03
Queen Mary's Hospital, Sidcup	DA146LT	6,021	5,752	7	8	0.12	0.14
Queens Hospital, Burton upon Trent	DE130RB	5,665	5,720	30	33	0.53	0.58
Queens Medical Centre, Nottingham	NG7 2UH	11,314	11,392	30	38	0.27	0.33
Rotherham District General Hospital	S60 2UD	7,233	7,180	11	10	0.15	0.14
Royal Albert Edward Infirmary, Wigan	WN1 2NN	6,934	6,986	11	10	0.16	0.14
Royal Berkshire Hospital, Reading	RG1 5AN	6,268	6,817	31	31	0.49	0.45
Royal Blackburn Hospital	BB2 3HH	3,162	3,300	3	3	0.09	0.09
Royal Bournemouth Hospital	BH7 7DW	8,130	8,134	18	20	0.22	0.25
Royal Cornwall Hospital, Truro	TR1 3LJ	7,339	7,553	29	31	0.40	0.41
Royal Devon and Exeter Hospital, Wonford	EX2 5DW	6,586	6,727	33	27	0.50	0.40
Royal Free Hospital, Camden	NW3 2QG	5,865	5,764	28	30	0.48	0.52
Royal Glamorgan Hospital, Lantrisant	CF728XR	4,361	4,401	9	14	0.21	0.32
Royal Gwent Hospital, Newport	NP202UB	8,103	8,024	15	16	0.19	0.20
Royal Hallamshire Hospital, Sheffield	S10 2JF	5,004	4,841	12	14	0.24	0.29
Royal Hampshire County Hospital, Winchester	SO225DG	4,560	4,562	12	18	0.26	0.39
Royal Hospital, Chesterfield	S44 5BL	7,487	7,510	14	26	0.19	0.35
Royal Infirmary, Bradford	BD9 6RJ	5,819	6,029	19	25	0.33	0.41
Royal Infirmary, Doncaster	DN2 5LT	7,493	7,593	13	20	0.17	0.26
Royal Infirmary, Huddersfield	HD3 3EA	5,234	5,350	9	9	0.17	0.17
Royal Infirmary, Lancaster	LA1 4RP	4,472	4,584	6	9	0.13	0.20
Royal Infirmary, Leicester	LE1 5WW	11,409	11,672	21	24	0.18	0.21
Royal Infirmary, Manchester	M13 9WL	6,560	6,717	18	28	0.27	0.42
Royal Liverpool University Hospital	L7 8XP	8,988	8,801	18	21	0.20	0.24
Royal London Hospital, Whitechapel	E1 1BB	4,820	4,786	14	21	0.29	0.44
Royal Preston Hospital	PR2 9HT	6,688	6,752	18	21	0.27	0.31
Royal Shrewsbury Hospital	SY3 8XQ	5,487	5,445	7	11	0.13	0.20
Royal Surrey County Hospital, Guildford	GU2 7XX	5,516	5,582	14	17	0.25	0.30
Royal Sussex County Hospital, Brighton	BN2 5BE	6,788	7,053	46	75	0.68	1.06
Royal United Hospital, Bath	BA1 3QE	7,841	8,259	25	38	0.32	0.46
Royal Victoria Infirmary, Newcastle upon Tyne	NE1 4LP	5,018	4,892	15	18	0.30	0.37
Russells Hall Hospital, Dudley	DY1 2HQ	8,652	8,897	14	22	0.16	0.25
Salisbury District Hospital	SP2 8BJ	4,957	4,968	15	23	0.30	0.46
Sandwell General Hospital, West Bromwich	B71 4HJ	6,768	6,859	12	15	0.18	0.22
Scarborough Hospital	YO126QJ	3,897	3,972	9	8	0.23	0.20
Scunthorpe General Hospital	DN157BH	4,612	4,674	7	12	0.15	0.26
Selly Oak Hospital	B29 6JD	7,236	7,208	31	34	0.43	0.47
Singleton Hospital, Swansea	SA2 8QA	4,237	4,375	13	15	0.31	0.34
Solihull Hospital	B91 2JL	3,562	3,527	15	19	0.42	0.54
South Tyneside District Hospital, South Shields	NE340PL	4,592	4,571	16	16	0.35	0.35
Southend Hospital	SS0 0RY	10,582	10,607	12	13	0.11	0.12
Southmead Hospital, Bristol	BS105NB	4,924	4,690	34	37	0.69	0.79
St Christophers Hospice, Sydenham	SE266DZ	2,822	2,873	2	3	0.07	0.10
St Georges Hospital, Tooting	SW170QT	7,118	7,190	20	27	0.28	0.38
St Helier Hospital, Carshalton	SM5 1AA	6,296	6,099	20	18	0.32	0.30
St James University Hospital, Leeds	LS9 7TF	7,714	7,781	41	44	0.53	0.57
St Marys Hospital, Newport, Isle of Wight	PO305TG	4,139	4,206	8	9	0.19	0.21

1 Institutions with at least 2,500 deaths from all causes in both 2001–05 and 2002–06.

Table 2
continuedDeaths involving MRSA by communal establishment¹

England and Wales

Name	Postcode	Total deaths, 2001–05	Total deaths, 2002–06	MRSA deaths, 2001–05	MRSA deaths, 2002–06	Percentage of deaths involving MRSA, 2001–05	Percentage of deaths involving MRSA, 2002–06
St Marys Hospital, Portsmouth	PO3 6AD	3,282	3,283	28	33	0.85	1.01
St Marys Hospital, Westminster	W2 1NY	4,304	4,100	32	32	0.74	0.78
St Peters Hospital, Chertsey	KT160PZ	5,121	5,666	34	50	0.66	0.88
St Richards Hospital, Chichester	PO196SE	5,440	5,504	7	6	0.13	0.11
St Thomas's Hospital, Lambeth	SE1 7EH	5,967	5,661	58	50	0.97	0.88
Staffordshire General Hospital, Stafford	ST163SA	5,038	5,251	11	18	0.22	0.34
Stepping Hill Hospital, Stockport	SK2 7JE	7,607	7,550	16	20	0.21	0.26
Stoke Mandeville Hospital, Aylesbury	HP218AL	3,746	3,686	14	16	0.37	0.43
Sunderland Royal Hospital	SR4 7TP	10,079	10,065	52	58	0.52	0.58
Tameside General Hospital, Ashton under Lyne	OL6 9RW	7,405	7,372	17	21	0.23	0.28
The Calderdale Royal Hospital, Halifax	HX3 0PW	4,727	4,858	8	12	0.17	0.25
The General Hospital, Cheltenham	GL537AN	5,137	5,282	6	7	0.12	0.13
The General Infirmary, Pontefract	WF8 1PL	4,638	4,406	20	24	0.43	0.54
The Great Western Hospital, Swindon	SN3 1LU	3,813	5,265	17	23	0.45	0.44
The Infirmary, Rochdale	OL120NB	3,256	3,536	17	19	0.52	0.54
The North Hampshire Hospital, Basingstoke	RG249NA	3,914	3,857	11	11	0.28	0.29
The Princess Royal Hospital, Haywards Heath	RH164EX	3,079	2,952	19	20	0.62	0.68
The Royal Bolton Hospital, Farnworth	BL4 0JR	9,942	10,109	7	11	0.07	0.11
The Royal Oldham Hospital	OL1 2JH	6,990	7,022	21	29	0.30	0.41
Torbay Hospital, Torquay	TQ2 7AA	6,434	6,467	24	30	0.37	0.46
Trafford General Hospital, Manchester	M41 5SL	3,727	3,560	10	14	0.27	0.39
University Hospital Aintree	L9 7AL	9,923	9,797	27	36	0.27	0.37
University Hospital Lewisham	SE136LH	6,399	6,295	15	17	0.23	0.27
University Hospital of Hartlepool	TS249AH	3,768	3,792	2	3	0.05	0.08
University Hospital of North Durham	DH1 5TW	5,868	5,823	8	14	0.14	0.24
University Hospital of North Tees, Stockton on Tees	TS198PE	4,976	5,061	3	3	0.06	0.06
University Hospital of Wales, Cardiff	CF144XW	8,994	8,800	40	41	0.44	0.47
Victoria Hospital, Blackpool	FY3 8NR	9,957	9,923	26	31	0.26	0.31
Walsgrave Hospital, Coventry	CV2 2DX	11,012	10,960	23	24	0.21	0.22
Wansbeck General Hospital, Ashington	NE639JJ	5,215	5,303	20	25	0.38	0.47
Warwick Hospital	CV345BW	5,060	5,075	16	18	0.32	0.35
Watford General Hospital	WD180HB	5,029	5,049	17	20	0.34	0.40
West Cumberland Hospital, Whitehaven	CA288JG	3,211	3,225	2	3	0.06	0.09
West Middlesex Hospital, Isleworth	TW7 6AF	4,835	4,857	25	34	0.52	0.70
West Suffolk Hospital, Bury St Edmunds	IP332QZ	5,720	5,678	26	34	0.45	0.60
West Wales General Hospital, Carmarthen	SA312AF	3,320	3,412	12	13	0.36	0.38
Wexham Park Hospital, Slough	SL2 4HL	6,008	5,861	15	15	0.25	0.26
Whipps Cross University Hospital, Leytonstone	E11 1NR	9,073	8,904	19	20	0.21	0.22
Whiston Hospital	L35 5DR	8,548	8,396	19	20	0.22	0.24
Whittington Hospital, St Mary's Wing, Archway	N19 3UA	4,099	3,895	20	22	0.49	0.56
William Harvey Hospital, Ashford	TN240LZ	6,190	6,198	23	25	0.37	0.40
Withybush General Hospital, Haverfordwest	SA612PZ	3,176	3,178	2	3	0.06	0.09
Worcestershire Royal Hospital, Worcester	WR5 1DD	6,184	7,378	25	32	0.40	0.43
Worthing Hospital	BN112DH	7,125	7,079	18	21	0.25	0.30
Wycombe General Hospital, High Wycombe	HP112TT	4,373	4,313	30	30	0.69	0.70
Wythenshawe Hospital, Manchester	M23 9LT	7,409	7,684	7	12	0.09	0.16
Yeovil District Hospital	BA214AT	3,763	3,890	14	22	0.37	0.57
York Hospital	YO318HE	7,123	7,086	9	12	0.13	0.17
Ysbyty Glan Clwyd, Bodelwyddan	LL185UJ	5,858	5,936	3	8	0.05	0.13
Ysbyty Gwynedd, Bangor	LL572PW	4,769	4,847	23	18	0.48	0.37
Listed communal establishments		1,298,475	1,310,533	4,293	5,109	0.33	0.39
Other communal establishments		795,729	760,261	895	987	0.11	0.13
Own home		482,792	478,915	77	89	0.02	0.02
Elsewhere		57,252	54,640	15	16	0.03	0.03
Total deaths		2,634,248	2,604,349	5,280	6,201	0.20	0.24

1 Institutions with at least 2,500 deaths from all causes in both 2001–05 and 2002–06.