

APPENDIX 4 - DEMOGRAPHIC TABLES

4.1 Age and gender

Appendix Table 4-1: Acute Hospitals. Number and percentage of inpatients surveyed by age group and gender

Age	Female		Male		All Inpatients	
	N	%	N	%	N	%
16-19	95	1.4	50	1.0	145	1.3
20-24	158	2.3	82	1.7	240	2.1
25-29	204	3.0	84	1.7	288	2.5
30-34	243	3.6	99	2.0	342	3.0
35-39	242	3.6	145	3.0	387	3.3
40-44	187	2.8	181	3.7	368	3.2
45-49	205	3.0	208	4.3	413	3.6
50-54	241	3.6	266	5.5	507	4.4
55-59	335	5.0	341	7.0	676	5.8
60-64	396	5.9	452	9.3	848	7.3
65-69	531	7.9	531	10.9	1 062	9.2
70-74	671	9.9	615	12.7	1 286	11.1
75-79	889	13.2	645	13.3	1 534	13.2
80-84	985	14.6	611	12.6	1 596	13.8
85-89	817	12.1	373	7.7	1 190	10.3
90-94	423	6.3	133	2.7	556	4.8
95+	123	1.8	31	0.6	154	1.3
Missing	5	0.1	11	0.2	16	0.1
Total	6 750	100.0	4 858	100.0	11 608	100.0

Appendix Table 4-2: Non-acute Hospitals. Number and percentage of inpatients surveyed by age group and gender

Age	Female		Male		All Inpatients	
	N	%	N	%	N	%
16-19	3	0.3	8	0.8	11	0.5
20-24	14	1.2	25	2.6	39	1.8
25-29	16	1.4	43	4.5	59	2.8
30-34	15	1.3	41	4.3	56	2.6
35-39	21	1.8	38	4.0	59	2.8
40-44	31	2.6	46	4.8	77	3.6
45-49	36	3.0	45	4.7	81	3.8
50-54	23	1.9	36	3.8	59	2.8
55-59	31	2.6	43	4.5	74	3.5
60-64	40	3.4	68	7.1	108	5.0
65-69	52	4.4	73	7.6	125	5.8
70-74	98	8.3	93	9.7	191	8.9
75-79	154	13.0	128	13.4	282	13.1
80-84	241	20.3	137	14.3	378	17.6
85-89	231	19.4	84	8.8	315	14.7
90-94	130	10.9	38	4.0	168	7.8
95+	52	4.4	10	1.0	62	2.9
Missing	0	0.0	2	0.2	2	0.1
Total	1 188	100.0	958	100.0	2146	100.0

4.2 Hospitals

Appendix Table 4-3: Acute Hospitals. Categories used to describe each hospital, the season it was surveyed in and its size

NHS Boards	Hospital Code	Hospital	Subtype	Hospital Size ¹	Quarter ²	Inpatients Surveyed
Ayrshire & Arran	A103	Ayrshire Central Hospital	General	Medium	3	174
	A111	Crosshouse Hospital	General	Large	3	451
	A210	Ayr Hospital	General	Medium	2	280
Borders	B120	Borders General Hospital	General	Medium	2	247
Argyll & Clyde	C121	Lorn & Islands District Hospital	General	Small	2	66
	C206	Vale of Leven District Hospital	General	Medium	3	152
	C313	Inverclyde Royal Hospital	General	Medium	1	222
	C418	Royal Alexandra Hospital	General	Large	2	483
National Hospital	D102	Golden Jubilee National Hospital	General	Small	3	45
Fife	F704	Victoria Hospital, Kirkaldy	General	Medium	2	241
	F705	Forth Park Hospital	Obstetric	Small	2	47
	F805	Queen Margaret Hospital	General	Medium	4	318
Glasgow	G107	Glasgow Royal Infirmary	Teaching	Large	1	545
	G108	Princess Royal Maternity Hospital	Obstetric	Small	1	42
	G207	Stobhill Hospital	Teaching	Large	1	338
	G306	Victoria Hospital, Glasgow	General	Medium	4	474
	G405	Southern General Hospital	General	Large	3	614
	G505	Gartnavel General Hospital	General	Large	3	323

NHS Boards	Hospital Code	Hospital	Subtype	Hospital Size ¹	Quarter ²	Inpatients Surveyed
Glasgow	G515	Queen Mother's Hospital	Obstetric	Small	3	26
	G516	Western Infirmary	Teaching	Large	4	334
Highlands	H103	Caithness General Hospital	General	Small	4	44
	H202	Raigmore Hospital	General	Large	1	406
	H212	Belford Hospital	General	Small	4	17
	H214	Mackinnon Memorial Hospital	General	Small	1	13
	H217	Ross Memorial Hospital	General	Very Small	2	18
Lanarkshire	L106	Monklands Hospital	General	Large	1	415
	L302	Hairmyres Hospital	General	Large	2	423
	L308	Wishaw General Hospital	General	Large	1	436
Grampian	NI01	Aberdeen Royal Infirmary	Teaching	Large	2	711
	NI02	Woodend Hospital	General	Medium	4	367
	NI61	Aberdeen Maternity Hospital	Obstetric	Small	4	54
	N411	Dr Gray's Hospital	General	Small	3	122
Orkney	R101	Balfour Hospital	General	Small	4	32
Lothian	S116	Western General Hospital	Teaching	Large	2	453
	S308	St John's Hospital at Howden	General	Large	4	354
	S314	Royal Infirmary of Edinburgh	Teaching	Large	3	577
Tayside	T101	Ninewells Hospital	Teaching	Large	4	604
	T202	Perth Royal Infirmary	General	Medium	4	197
	T312	Stracathro Hospital	General	Small	4	22

NHS Boards	Hospital Code	Hospital	Subtype	Hospital Size ¹	Quarter ²	Inpatients Surveyed
Forth Valley	V102	Falkirk & District Royal Infirmary	General	Medium	2	192
	V201	Stirling Royal Infirmary	General	Medium	2	310
Western Isles	WI07	Western Isles Hospital	General	Small	1	119
Dumfries & Galloway	Y104	Dumfries & Galloway Royal Infirmary	General	Medium	3	261
	Y111	Garrick Hospital	General	Very Small	3	12
Shetland	Z102	Gilbert Bain Hospital	General	Small	1	27

1 Size classes based on anticipated bed numbers: Large > 500 beds, Medium 250-499 beds, Small 50-249 beds, Very Small <50 beds

2 Quarter that the hospital was surveyed in: 1 = Oct 05 - Jan 06, 2 = Feb 06 - April 06, 3 = May 06 - Jul 06, 4 = Aug 06 - Oct 06.

Appendix Table 4-4: Non-acute Hospitals. Categories used to describe each hospital, the season it was surveyed in and its size

NHS Boards	Hospital Code	Hospital	Hospital Size ¹	Quarter ²	Inpatients Surveyed
Ayrshire & Arran	A105	Kirkcaldy Hospital	Small	3	46
	A201	Ailsa Hospital	Large	3	201
	A207	Davidson Hospital	Very Small	4	13
	A208	Biggart Hospital	Medium	3	144
Borders	BI14	Kelso Hospital	Very Small	3	20
Argyll & Clyde	C101	Argyll & Bute Hospital	Small	4	63
	C403	Dykebar Hospital	Large	3	218
Fife	F701	Cameron Hospital	Small	3	86
Glasgow	G109	Lightburn Hospital	Small	3	100
Highlands	H106	Lawson Memorial Hospital	Very Small	3	7
	H223	The New Craigs Hospital	Medium	3	97
Lanarkshire	L203	Cleland Hospital	Small	3	37
Grampian	NI98	Royal Cornhill Hospital	Large	3	285
Lothian	SI14	Royal Victoria Hospital, Edinburgh	Medium	2	194
	S209	Liberton Hospital	Medium	3	157
Tayside	T107	Royal Victoria Hospital, Dundee	Medium	4	156
	T215	Murray Royal Hospital	Medium	3	114
Forth Valley	VI05	Bo'ness Hospital	Very Small	3	39
	V202	Bannockburn Hospital	Small	2	72
Western Isles	WI08	Uist and Barra Hospital	Very Small	4	16
Dumfries & Galloway	Y103	Crichton Royal Hospital	Small	3	48
Shetland	ZI03	Montfield Hospital	Very Small	1	33

1 Size classes based on expected bed numbers: Large > 249 beds, Medium 150 – 249 beds, Small 50-149 beds, Very Small <50 beds

2 Quarter that the hospital was surveyed in: 1 = Oct 05 - Jan 06, 2 = Feb 06 - April 06, 3 = May 06 - Jul 06, 4 = Aug 06 - Oct 06

4.3 Specialty

Appendix Table 4-5: Acute Hospitals. Number and percentage of inpatients surveyed by admission specialty

Specialty Name	Inpatients Surveyed	
	N	%
Care of the Elderly - Care of the Elderly	227	2.0
Care of the Elderly - GP Other than Obstetrics	7	0.1
Care of the Elderly - Medicine	1 443	12.4
Dentistry - Oral Surgery	16	0.1
Gynaecology - Gynaecology	208	1.8
Haematology - Haematology	120	1.0
Medicine - General Medicine	2 419	20.8
Medicine - Cardiology	453	3.9
Medicine - Clinical Genetics	1	0.0
Medicine - Infectious Diseases	105	0.9
Medicine - Dermatology	65	0.6
Medicine - Endocrinology	47	0.4
Medicine - Gastroenterology	227	2.0
Medicine - Genito-Urinary Medicine	1	0.0
Medicine - Medical Oncology	152	1.3
Medicine - Renal Medicine	145	1.2
Medicine - Neurology	105	0.9
Medicine - Palliative Medicine	60	0.5
Medicine - Rehabilitation Medicine	882	7.6
Medicine - Respiratory Medicine	424	3.7
Medicine - Rheumatology	46	0.4
Obstetrics - Obstetrics	352	3.0

Specialty Name	Inpatients Surveyed	
	N	%
Obstetrics - Midwifery	94	0.8
Oncology - Clinical Oncology	136	1.2
Orthopaedics - Trauma & Orthopaedic Surgery	1 145	9.9
Homeopathy ¹	10	0.1
Psychiatry - General Psychiatry	169	1.5
Psychiatry - Psychiatry of Old Age	87	0.7
Surgery - General Surgery	1 368	11.8
Surgery - Vascular Surgery	184	1.6
Surgery - Accident & Emergency	1	0.0
Surgery - Anaesthetics	130	1.1
Surgery - Cardiothoracic Surgery	85	0.7
Surgery - Cardiac Surgery	38	0.3
Surgery - Thoracic Surgery	17	0.1
Surgery - Ear, Nose & Throat	160	1.4
Surgery - Neurosurgery	91	0.8
Surgery - Ophthalmology	37	0.3
Surgery - Plastic Surgery	96	0.8
Urology - Urology	255	2.2
Total	11 608	100.0

¹ All Homeopathy inpatients were originally categorised as “Other” specialty group

Appendix Table 4-6: Non-acute Hospitals. Number and percentage of inpatients surveyed by admission specialty

Specialty Name	Inpatients Surveyed	
	N	%
Care of the Elderly - Care of the Elderly	250	11.6
Care of the Elderly - GP Other than Obstetrics	12	0.6
Care of the Elderly - Medicine	174	8.1
Medicine - General Medicine	71	3.3
Medicine - Neurology	10	0.5
Medicine - Palliative Medicine	19	0.9
Medicine - Rehabilitation Medicine	463	21.6
Orthopaedics - Trauma & Orthopaedic Surgery	14	0.7
Psychiatry - General Psychiatry	615	28.7
Psychiatry - Forensic Psychiatry	56	2.6
Psychiatry - Psychiatry of Old Age	456	21.2
Surgery - General Surgery	1	0.0
Surgery - Vascular Surgery	3	0.1
Surgery - Neurosurgery	1	0.0
Urology - Urology	1	0.0
Total	2 146	100.0

4.4 Admission type

Appendix Table 4-7: Acute Hospitals. Number and percentage of inpatients surveyed by admission type

Admission Type	Inpatients	
	N	%
Planned	2 776	23.9
Unplanned	8 832	76.1
Total	11 608	100.0

Appendix Table 4-8: Non-acute Hospitals. Number and percentage of inpatients surveyed by admission type

Admission Type	Inpatients	
	N	%
Not Available	1	0.1
Planned	944	44.0
Unplanned	1 201	56.0
Total	2 146	100.0

Appendix Table 4-9: Acute Hospitals. Summary of inpatient age by gender

	Mean	Mode	Median	Interquartile Range
Male	65.9	80	69	56 - 79
Female	67.6	86	74	56 - 83
Total	66.9	80	72	56 - 81

Appendix Table 4-10: Non-acute Hospitals. Summary of inpatient age by gender

	Mean	Mode	Median	Inter-quartile Range
Male	64.4	80	70	49 - 80
Female	75.5	86	81	71 - 86
Total	70.5	86	77	60 - 85

4.5 Boarders

Appendix Table 4-11: Acute Hospitals. Number and percentage of inpatients in each specialty group that were boarding at the time of survey

Specialty Group	Boarders	
	N	%
Care of the Elderly	13	0.8
Dentistry	0	0.0
Gynaecology	0	0.0
Haematology	2	1.7
Medicine	327	6.4
Obstetrics	0	0.0
Oncology	3	2.2
Orthopaedics	14	1.2
Other	0	0.0
Psychiatry	0	0.0
Surgery	57	2.6
Urology	7	2.7
Total	423	3.6

Appendix Table 4-12: Non-acute Hospitals. Number and percentage of inpatients in each specialty group that were boarding at the time of survey

Specialty Group	Boarders	
	N	%
Care of the Elderly	0	0.0
Medicine	6	1.1
Orthopaedics	0	0.0
Psychiatry	0	0.0
Surgery	1	20.0
Urology	1	100.0
Total	8	0.4

APPENDIX 5 - THE PREVALENCE OF HAI

5.1 Overall prevalence

Appendix Table 5-1: Acute Hospitals. Number and percentage of inpatients diagnosed with HAI using 'CDC' and 'Therapy' criteria

'CDC' HAI	HAI Diagnosis Type ¹					
	'Therapy' HAI				Total	
	No		Yes			
N	%	N	%	N	%	
No	0	0.0	412	33.1	412	33.1
Yes	277	22.3	554	44.6	831	66.9
Total	277	22.3	966	77.7	1 243	100.0

Appendix Table 5-2: Non-acute Hospitals. Number and percentage of inpatients diagnosed with HAI using 'CDC' and 'Therapy' criteria. Refer to Section 6.2.5 for HAI diagnosis types

'CDC' HAI	HAI Diagnosis Type ²					
	'Therapy' HAI				Total	
	No		Yes			
N	%	N	%	N	%	
No	0	0.0	67	40.9	67	40.9
Yes	20	12.2	77	47.0	97	59.1
Total	20	12.2	144	87.8	164	100.0

1 Refer to Section 6.2.5 for HAI diagnosis types

2 Refer to Section 6.2.5 for HAI diagnosis types

5.2 Prevalence by HAI Type

The following tables summarise prevalence by HAI type and also illustrate the number of inpatients diagnosed with multiple infections for each HAI type. The total count for each HAI type includes inpatients with only one infection, and those with multiple infections of different types.

Appendix Table 5-3: Acute Hospitals. Inpatients with HAI categorised by HAI type

HAI Type	Inpatients with Single HAI	Inpatients with Multiple HAI	Total Number of Inpatients with HAI	Prevalence of HAI ¹
	(A)	(B)	(A + B)	(A + B) / Total x 100
	N	N	N	%
Bone and Joint	1	5	6	0.1
Blood Stream Infection	37	18	55	0.5
Central Nervous System	1	1	2	0.0
Cardiovascular System Infections	7	4	11	0.1
Eye, Ear, Nose, Throat or Mouth ²	118	36	154	1.3
Gastrointestinal	145	46	191	1.6
Lower Respiratory Tract Infection other than Pneumonia	112	27	139	1.2
Pneumonia	86	23	109	0.9
Reproductive System Infections	12	5	17	0.1
Systemic Infection	1	1	2	0.0
Skin and Soft Tissue Infection	113	24	137	1.2
Surgical Site Infection	163	34	197	1.7
Urinary Tract Infection	181	40	221	1.9

¹ Total = Count of all surveyed inpatients in Acute hospitals

² One patient has two infections of the same broad type. As a single patient, they are only counted once in the table

Appendix Table 5-4: Non-acute Hospitals. Inpatients with HAI categorised by HAI type

HAI Type	Inpatients with Single HAI	Inpatients with Multiple HAI	Total Number of Inpatients with HAI	Prevalence of HAI ¹
	(A)	(B)	(A + B)	(A + B) / Total x 100
	N	N	N	%
Bone and Joint	1	0	1	0.0
Cardiovascular System Infections	1	0	1	0.0
Eye, Ear, Nose, Throat or Mouth	21	1	22	1.0
Gastrointestinal	18	2	20	0.9
Lower Respiratory Tract Infection other than Pneumonia	16	3	19	0.9
Pneumonia	4	0	4	0.2
Reproductive System Infections	2	0	2	0.1
Skin and Soft Tissue Infection ²	40	3	43	2.0
Surgical Site Infection	4	1	5	0.2
Urinary Tract Infection	43	3	46	2.1

1 Total = Count of all surveyed inpatients in non-acute hospitals

2 One patient has two infections of the same broad type. As a single patient, they are only counted once in the table

Appendix Table 5-5: Acute Hospitals. Number and percentage of HAI cases categorised by specific site of infection

HAI Type	Specific Site of Infection	HAI Cases	
		N	%
BJ	Osteomyelitis	4	0.3
	Joint or Bursa	2	0.2
BSI	Laboratory Confirmed Bloodstream	43	3.5
	Clinical Sepsis	12	1.0
CNS	Meningitis or Ventriculitis	1	0.1
	Spinal Abscess without Meningitis	1	0.1
CVS	Arterial, Venous Infection	7	0.6
	Endocarditis	4	0.3
EENTM	Otitis Interna	1	0.1
	Upper Respiratory Tract	2	0.2
	Conjunctivitis	41	3.3
	Eye Infection other than conjunctivitis	3	0.2
	Oral cavity	107	8.6
	Sinustis	1	0.1
GI	Gastroenteritis	185	14.9
	Gastro Intestinal Tract Infection	2	0.2
	Intra Abdominal Infection	4	0.3
LRI	Tracheobronchial	138	11.1
	Other Lower	1	0.1
PNEU	Pneumonia	109	8.8
RSI	Episiotomy Site Infection	1	0.1
	Other Infections of the Male and Female Reproductive Tract	16	1.3
SSI	Superficial Incisional Surgical Site Infection	70	5.6

HAI Type	Specific Site of Infection	HAI Cases	
		N	%
SSI	Deep Incisional Surgical Site Infection	75	6.0
	Organ\Space Surgical Site Infection	52	4.2
SST	Skin Infection	48	3.9
	Soft Tissue Infection	80	6.4
	Decubitus Ulcer	9	0.7
SYS	Disseminated Infection	2	0.2
UTI	Asymptomatic Urinary Tract Infection	67	5.4
	Other Infections of the Urinary Tract	5	0.4
	Symptomatic Urinary Tract Infection	150	12.1
Total		1 243	100.0

Appendix Table 5-6: Non-acute Hospitals. Number and percentage of HAI cases categorised by specific site of infection

HAI Type	Specific Site of Infection	HAI Cases	
		N	%
BJ	Osteomyelitis	1	0.6
CVS	Arterial,Venous Infection	1	0.6
EENTM	Upper Respiratory Tract	1	0.6
	Conjunctivitis	7	4.3
	Oral cavity	14	8.5
GI	Gastroenteritis	20	12.2
LRI	Tracheobronchial	19	11.6
PNEU	Pneumonia	4	2.4
RSI	Other Infections of the Male and Female Reproductive Tract	2	1.2
SSI	Superficial Incisional Surgical Site Infection	2	1.2
	Deep Incisional Surgical Site Infection	2	1.2
	Organ\Space Surgical Site Infection	1	0.6
SST	Skin Infection	29	17.7
	Soft Tissue Infection	13	7.9
	Decubitus Ulcer	2	1.2
UTI	Asymptomatic Urinary Tract Infection	8	4.9
	Other Infections of the Urinary Tract	3	1.8
	Symptomatic Urinary Tract Infection	35	21.3
Total		164	100.0

5.3 Prevalence by age and gender

Appendix Table 5-7: Acute Hospitals. Prevalence of HAI for inpatients categorised by age group and gender

Age Group	Female Inpatients			Male Inpatients			Total Inpatients		
	Inpatients with HAI		95% CI	Inpatients with HAI		95% CI	Inpatients with HAI		95% CI
	N	%		N	%		N	%	
16-19	3	3.2	(0.0 - 6.7)	3	6	(0.0 - 12.5)	6	4.1	(0.9 - 7.4)
20-24	2	1.3	(0.0 - 3.0)	6	7.3	(1.6 - 13.1)	8	3.3	(0.8 - 5.9)
25-29	8	3.9	(1.2 - 6.6)	4	4.8	(0.2 - 9.3)	12	4.2	(1.8 - 6.5)
30-34	4	1.6	(0.0 - 3.3)	3	3	(0.0 - 6.4)	7	2	(0.5 - 3.5)
35-39	3	1.2	(0.0 - 2.6)	14	9.7	(4.9 - 14.4)	17	4.4	(2.4 - 6.4)
40-44	8	4.3	(1.4 - 7.2)	12	6.6	(3.0 - 10.2)	20	5.4	(3.0 - 7.8)
45-49	11	5.4	(1.7 - 9.1)	16	7.7	(4.2 - 11.2)	27	6.5	(3.9 - 9.1)
50-54	16	6.6	(3.6 - 9.7)	20	7.5	(4.0 - 11.1)	36	7.1	(4.7 - 9.5)
55-59	27	8.1	(5.2 - 10.9)	21	6.2	(3.6 - 8.7)	48	7.1	(5.1 - 9.1)
60-64	44	11.1	(7.9 - 14.3)	54	11.9	(8.7 - 15.2)	98	11.6	(9.1 - 14.0)
65-69	57	10.7	(8.1 - 13.4)	57	10.7	(7.9 - 13.5)	114	10.7	(8.8 - 12.6)
70-74	77	11.5	(9.0 - 13.9)	63	10.2	(7.8 - 12.7)	140	10.9	(9.1 - 12.6)
75-79	86	9.7	(7.7 - 11.7)	85	13.2	(10.6 - 15.8)	171	11.1	(9.5 - 12.8)
80-84	112	11.4	(9.3 - 13.5)	69	11.3	(8.5 - 14.1)	181	11.3	(9.6 - 13.0)
85-89	81	9.9	(7.8 - 12.1)	56	15	(11.2 - 18.9)	137	11.5	(9.6 - 13.5)
90-94	47	11.1	(8.1 - 14.1)	20	15	(9.0 - 21.1)	67	12.1	(9.4 - 14.7)
95+	11	8.9	(3.6 - 14.3)	3	9.7	(0.0 - 19.8)	14	9.1	(4.5 - 13.7)
Missing	0	0	-	0	0	-	0	0	-
Total	597	8.8	(8.0 - 9.7)	506	10.4	(9.4 - 11.5)	1 103	9.5	(8.8 - 10.2)

Appendix Table 5-8: Non-acute Hospitals. Prevalence of HAI for inpatients categorised by age group and gender

Age Group	Female Inpatients				Male Inpatients				Total Inpatients			
	Inpatients with HAI		95% CI		Inpatients with HAI		95% CI		Inpatients with HAI		95% CI	
	N	%			N	%			N	%		
16-19	0	0	-	-	0	0	-	-	0	0	-	-
20-24	0	0	-	-	0	0	-	-	0	0	-	-
25-29	0	0	-	-	0	0	-	-	0	0	-	-
30-34	0	0	-	-	2	4.9	(0.0 - 11.3)		2	3.6	(1.2 - 8.4)	
35-39	0	0	-	-	0	0	-	-	0	0	-	-
40-44	0	0	-	-	2	4.3	(0.0 - 10.1)		2	2.6	(0.8 - 6.0)	
45-49	2	5.6	(0.0 - 12.4)		1	2.2	(0.0 - 6.6)		3	3.7	(0.3 - 7.7)	
50-54	2	8.7	(0.0 - 18.9)		2	5.6	(0.0 - 13.2)		4	6.8	(0.4 - 14.0)	
55-59	1	3.2	(0.0 - 8.3)		1	2.3	(0.0 - 6.8)		2	2.7	(0.7 - 6.1)	
60-64	1	2.5	(0.0 - 7.0)		5	7.4	(1.9 - 12.8)		6	5.6	(1.7 - 9.4)	
65-69	5	9.6	(2.2 - 17.0)		1	1.4	(0.0 - 4.0)		6	4.8	(1.2 - 8.4)	
70-74	7	7.1	(2.3 - 12.0)		13	14	(7.5 - 20.4)		20	10.5	(6.6 - 14.3)	
75-79	10	6.5	(1.8 - 11.2)		9	7	(2.8 - 11.2)		19	6.7	(3.5 - 10.0)	
80-84	24	10	(6.5 - 13.4)		12	8.8	(4.1 - 13.4)		36	9.5	(6.5 - 12.6)	
85-89	27	11.7	(7.4 - 16.0)		6	7.1	(1.9 - 12.4)		33	10.5	(7.0 - 14.0)	
90-94	13	10	(5.6 - 14.4)		4	10.5	(1.4 - 19.7)		17	10.1	(6.4 - 13.8)	
95+	7	13.5	(3.1 - 23.8)		0	0	-	-	7	11.3	(2.5 - 20.1)	
Missing	-	-	-	-	0	0	-	-	0	0	-	-
Total	99	8.3	(6.7 - 10.0)		58	6.1	(4.4 - 7.7)		157	7.3	(6.0 - 8.6)	

5.4 Prevalence by inpatient specialty

Appendix Table 5-9: Acute Hospitals. Number of HAI cases by specialty group and HAI type

Specialty Group	HAI Type														Prevalence by specialty %	Total Inpatients N	
	B ¹	B ²	B ³	CNS	CVS	EENTM	GI	LRI	PNE	RSI	SI	SSI	SST	UTI			Multiple ¹
Care of the Elderly	4	2	27	33	21	16	1						24	49	22	11.9	1 677
Dentistry					1							1				12.5	16
Gynaecology			1	2								4	2	1		4.9	208
Haematology	1	1		1		1						1		1	2	6.7	120
Medicine	20	4	65	83	50	36	5					31	61	91	45	9.6	5 132
Obstetrics							1					1	2			0.9	446
Oncology	1		1	1	1							3	2		3	8.8	136
Orthopaedics			3	5	9	6	2					46	5	17	12	9.2	1 145
Other																	10
Psychiatry			2	2	1								2	1	1	3.5	256
Surgery	1	11	1	16	29	27	3	1				72	16	17	37	11.2	2 207
Urology			3	2								4	1	3	3	6.3	255
Total	1	37	1	7	118	145	112	86	12	1	163	113	181	126	9.5	11 608	

¹ Inpatients with more than one HAI are grouped under the 'Multiple' category

Appendix Table 5-10: Non-acute Hospitals. Number of HAI cases by specialty group and HAI type

Specialty Group	HAI Type											Prevalence by specialty %	Total Inpatients N
	BJ N	CVS N	EENTM N	GI N	LRI N	PNE N	RSI N	SSI N	SST N	UTI N	Multiple ¹ N		
Care of the Elderly			5	6	3			2	7	10	1	7.8	436
Medicine	1	1	11	9	6	3		1	13	17	2	11.4	563
Orthopaedics				1								7.1	14
Psychiatry			5	1	7	1	2	1	20	16	3	5.0	1127
Surgery				1							1	40.0	5
Urology													1
Total	1	1	21	18	16	4	2	4	40	43	7	7.3	2146

5.5 Prevalence by ward type

Appendix Table 5-11: Acute Hospitals. Prevalence of HAI for inpatients surveyed in each ward type

Ward Type	Inpatients with HAI		95% CI
	N	%	
General	1028	9.2	(8.5 - 9.9)
H.D.U.	31	16.5	(10.4 - 22.6)
I.C.U.	35	27.1	(19.2 - 35.1)
Mixed	9	11.4	(1.6 - 21.2)
Total	1103	9.5	(8.8 - 10.2)

¹ Inpatients with more than one HAI are grouped under the 'Multiple' category

5.6 Prevalence by boarder status

Appendix Table 5-12: Acute Hospitals. Prevalence of HAI for inpatients categorised by boarder status and specialty group

Specialty Group	Boarders with HAI		95% CI	Non-Boarders with HAI		95% CI
	N	%		N	%	
Care of the Elderly	0	0.0	-	199	12.0	(10.1 - 13.8)
Dentistry	-	-	-	2	12.5	(4.1 - 20.9)
Gynaecology	-	-	-	10	4.8	(1.2 - 8.4)
Haematology	0	0.0	-	8	6.8	(2.1 - 11.5)
Medicine	23	7.0	(4.2 - 9.9)	468	9.7	(8.6 - 10.9)
Obstetrics	-	-	-	4	0.9	(0.0 - 1.9)
Oncology	0	0.0	-	12	9.0	(2.0 - 16.0)
Orthopaedics	0	0.0	-	105	9.3	(7.4 - 11.2)
Other	-	-	-	0	0.0	-
Psychiatry	-	-	-	9	3.5	(0.3 - 6.7)
Surgery	2	3.5	(0.0 - 8.4)	245	11.4	(9.7 - 13.1)
Urology	0	0.0	-	16	6.5	(3.1 - 9.8)
Total	25	5.9	(3.7 - 8.1)	1 078	9.6	(8.9 - 10.4)

Appendix Table 5-13: Non-acute Hospitals. Prevalence of HAI for inpatients categorised by boarder status and specialty group

Specialty Group	Boarders with HAI		95% CI	Non-Boarders with HAI		95% CI
	N	%		N	%	
Care of the Elderly	-	-	-	34	7.8	(4.7 - 10.9)
Medicine	1	16.7	(1.2 - 32.1)	63	11.3	(8.5 - 14.1)
Orthopaedics	-	-	-	1	7.1	-
Psychiatry	-	-	-	56	5.0	(3.5 - 6.4)
Surgery	0	0.0	-	2	50.0	-
Urology	0	0.0	-	-	-	-
Total	1	12.5	(3.8 - 21.2)	156	7.3	(6.0 - 8.6)

5.7 Prevalence by hospitals and NHS boards

Appendix Table 5-14 shows unadjusted prevalence of HAI for each hospital surveyed as part of the Scottish national HAI prevalence survey. No adjustments have been made to these data for speciality, patient or seasonal variations. Estimates of the prevalence of HAI vary dependent on the size of the hospital population. Comparisons must be made with caution.

Appendix Table 5-14: Acute Hospitals. Prevalence of HAI for inpatients categorised by hospital

Hospital Name	Total Inpatients	Inpatients with HAI		95% CI	
	N	N	%		
Aberdeen Maternity Hospital	54	2	3.7	(0.0	- 9.7)
Aberdeen Royal Infirmary	711	62	8.7	(6.6	- 10.9)
Ayr Hospital	280	23	8.2	(5.3	- 11.1)
Ayrshire Central Hospital	174	9	5.2	(2.1	- 8.2)
Balfour Hospital	32	2	6.3	(0.0	- 14.7)
Belford Hospital	17	1	5.9	(0.1	- 11.6)
Borders General Hospital	247	18	7.3	(4.6	- 10.0)
Caithness General Hospital	44	1	2.3	(0.0	- 6.4)
Crosshouse Hospital	451	21	4.7	(2.6	- 6.7)
Dr Gray's Hospital	122	13	10.7	(6.3	- 15.0)
Dumfries & Galloway Royal Infirmary	261	29	11.1	(8.0	- 14.2)
Falkirk & District Royal Infirmary	192	33	17.2	(13.1	- 21.3)
Forth Park Hospital	47	3	6.4	(0.6	- 12.1)
Garrick Hospital	12	0	0.0	-	-
Gartnavel General Hospital	323	29	9.0	(5.4	- 12.6)
Gilbert Bain Hospital	27	2	7.4	(0.4	- 14.4)
Glasgow Royal Infirmary	545	65	11.9	(8.6	- 15.2)
Golden Jubilee National Hospital	45	3	6.7	(0.0	- 15.2)
Hairmyres Hospital	423	40	9.5	(6.3	- 12.7)
Inverclyde Royal Hospital	222	19	8.6	(4.9	- 12.3)
Lorn & Islands District Hospital	66	9	13.6	(2.7	- 24.5)

Hospital Name	Total Inpatients	Inpatients with HAI		95% CI	
	N	N	%		
Mackinnon Memorial Hospital	13	0	0.0	-	-
Monklands Hospital	415	56	13.5	(9.1 - 17.9)	
Ninewells Hospital	604	49	8.1	(5.7 - 10.5)	
Perth Royal Infirmary	197	22	11.2	(5.6 - 16.7)	
Princess Royal Maternity Hospital	42	0	0.0	-	-
Queen Margaret Hospital	318	31	9.7	(5.3 - 14.2)	
Queen Mother's Hospital	26	0	0.0	-	-
Raigmore Hospital	406	41	10.1	(6.9 - 13.2)	
Ross Memorial Hospital	18	0	0.0	-	-
Royal Alexandra Hospital	483	47	9.7	(6.4 - 13.1)	
Royal Infirmary of Edinburgh	577	67	11.6	(6.3 - 16.9)	
Southern General Hospital	614	42	6.8	(4.5 - 9.2)	
St John's Hospital at Howden	354	33	9.3	(4.2 - 14.5)	
Stirling Royal Infirmary	310	28	9.0	(5.3 - 12.7)	
Stobhill Hospital	338	62	18.3	(11.9 - 24.8)	
Stracathro Hospital	22	1	4.5	(0.0 - 12.6)	
Vale of Leven District Hospital	152	7	4.6	(0.9 - 8.3)	
Victoria Hospital, Glasgow	474	43	9.1	(6.1 - 12.1)	
Victoria Hospital, Kirkaldy	241	23	9.5	(5.4 - 13.7)	
Western General Hospital, Edinburgh	453	57	12.6	(8.9 - 16.3)	
Western Infirmary, Glasgow	334	31	9.3	(4.2 - 14.3)	
Western Isles Hospital	119	10	8.4	(4.3 - 12.5)	
Wishaw General Hospital	436	37	8.5	(4.4 - 12.6)	
Woodend Hospital	367	32	8.7	(6.2 - 11.2)	
Total	11 608	1 103	9.5	(8.8 - 10.2)	

Appendix Table 5-15: Acute Hospitals. Prevalence of HAI for inpatients categorised by hospital board

NHS Board	Inpatients with HAI		95% CI
	N	%	
Argyll & Clyde	82	8.9	(6.6 - 11.2)
Ayrshire & Arran	53	5.9	(4.3 - 7.4)
Borders	18	7.3	(4.6 - 10.0)
Dumfries & Galloway	29	10.6	(7.6 - 13.7)
Fife	57	9.4	(6.5 - 12.3)
Forth Valley	61	12.2	(8.9 - 15.4)
Glasgow	272	10.1	(8.4 - 11.7)
Grampian	109	8.7	(7.2 - 10.2)
Highlands	43	8.6	(5.8 - 11.5)
Lanarkshire	133	10.4	(8.1 - 12.7)
Lothian	157	11.3	(8.5 - 14.2)
National Hospital	3	6.7	(0.0 - 15.2)
Orkney	2	6.3	(0.0 - 14.7)
Shetland	2	7.4	(0.4 - 14.4)
Tayside	72	8.7	(6.5 - 11.0)
Western Isles	10	8.4	(4.3 - 12.5)
Total	1 103	100.0	(8.8 - 10.2)

Appendix Table 5-16: Non-acute Hospitals. Prevalence of HAI for inpatients categorised by hospital

Hospital Name	Total Inpatients	Inpatients with HAI		95% CI
	N	N	%	
Ailsa Hospital	201	11	5.5	(2.2 - 8.8)
Argyll & Bute Hospital	63	0	0.0	- -
Bannockburn Hospital	72	5	6.9	(4.7 - 9.2)
Biggart Hospital	144	15	10.4	(3.1 - 17.7)
Bo'ness Hospital	39	5	12.8	(6.2 - 19.4)
Cameron Hospital	86	8	9.3	(3.3 - 15.4)
Cleland Hospital	37	1	2.7	(0.0 - 6.7)
Crichton Royal Hospital	48	5	10.4	(1.9 - 18.9)
Davidson Hospital	13	4	30.8	- -
Dykebar Hospital	218	16	7.3	(4.0 - 10.7)
Kelso Hospital	20	2	10.0	(7.2 - 12.8)
Kirklandside Hospital	46	1	2.2	(0.0 - 4.7)
Lawson Memorial Hospital	7	1	14.3	- -
Liberton Hospital	157	22	14.0	(9.1 - 18.9)
Lightburn Hospital	100	8	8.0	(1.8 - 14.2)
Montfield Hospital	33	3	9.1	(0.0 - 18.3)
Murray Royal Hospital	114	4	3.5	(0.0 - 7.2)
Royal Cornhill Hospital	285	12	4.2	(1.8 - 6.6)
Royal Victoria Hospital, Dundee	156	11	7.1	(3.1 - 11.0)
Royal Victoria Hospital, Edinburgh	194	21	10.8	(6.7 - 14.9)
The New Craigs Hospital	97	1	1.0	(0.0 - 2.9)
Uist and Barra Hospital	16	1	6.3	- -
Total	2 146	157	7.3	(6.0 - 8.6)

Appendix Table 5-17: Non-acute Hospitals. Prevalence of HAI for inpatients categorised by hospital board

NHS Board	Inpatients with HAI		95% CI
	N	%	
Argyll & Clyde	16	5.7	(2.6 - 8.8)
Ayrshire & Arran	31	7.7	(4.1 - 11.3)
Borders	2	10.0	(7.2 - 12.8)
Dumfries & Galloway	5	10.4	(1.8 - 19.0)
Fife	8	9.3	(3.2 - 15.4)
Forth Valley	10	9.0	(5.1 - 13.0)
Glasgow	8	8.0	(1.7 - 14.3)
Grampian	12	4.2	(1.8 - 6.7)
Highlands	2	1.9	(0.0 - 4.4)
Lanarkshire	1	2.7	(0.0 - 6.7)
Lothian	43	12.3	(9.0 - 15.5)
Shetland	3	9.1	(0.0 - 18.3)
Tayside	15	5.6	(2.6 - 8.5)
Western Isles	1	6.3	- -
Total	157	7.3	(6.0 - 8.6)

5.8 Prevalence by hospital type

Appendix Table 5-18: Acute Hospitals. Prevalence of HAI for inpatients categorised by hospital type

Type	Inpatients with HAI		95% CI
	N	%	
General	705	9.0	(8.2 - 9.7)
Teaching	393	11.0	(9.5 - 12.6)
Obstetric	5	3.0	(0.0 - 5.9)
Total	1 103	9.5	(8.8 - 10.2)

Appendix Table 5-19: Acute Hospitals. Prevalence of HAI for inpatients categorised by hospital size

Size	Inpatients with HAI		95% CI
	N	%	
Large > 500 beds	739	9.9	(8.9 - 10.9)
Medium 250-499 beds	317	9.2	(8.1 - 10.3)
Small 50-249 beds	47	7.0	(4.8 - 9.2)
Very Small <50 beds	0	0.0	- -
Total	1 103	9.5	(8.8 - 10.2)

Appendix Table 5-20: Non-acute Hospitals. Prevalence of HAI for inpatients categorised by hospital size

Size	Inpatients with HAI		95% CI
	N	%	
Large ≥ 250 beds	39	5.5	(3.7 - 7.4)
Medium 249-150 beds	74	8.6	(6.3 - 10.9)
Small 50-149 beds	28	6.2	(3.8 - 8.6)
Very Small <50 beds	16	12.5	(7.3 - 17.7)
Total	157	7.3	(6.0 - 8.6)

5.9 Microbiology

Appendix Table 5-21: Acute Hospitals. Number and percentage of ten most frequently occurring organisms reported for inpatients diagnosed with HAI

Organism	Reporting Frequency	
	N	% ¹
<i>Clostridium difficile</i>	95	17.6
<i>Staphylococcus aureus</i> (MRSA) <i>meticillin-resistant</i>	93	17.2
<i>Staphylococcus aureus</i> (MSSA) <i>meticillin-sensitive</i>	48	8.9
<i>Coliform (unspecified)</i>	46	8.5
<i>Escherichia coli</i>	36	6.7
<i>Staphylococcus, coagulase-negative (CNS)</i>	26	4.8
<i>Enterococcus spp.</i>	21	3.9
<i>Candida spp.</i>	16	3.0
<i>Enterococcus faecalis</i>	12	2.2
<i>All Other organisms²</i>	147	27.2
Total	540	100.0

¹ The percentage reported is: (Count of Organisms reported / Count of all organisms reported) x 100

² The remaining organisms were grouped as 'All Other organisms'

Appendix Table 5-22: Acute Hospitals. Number of reported organisms categorised by HAI type

Organism	HAI Type													Total
	BJ	BSI	CNS	CVS	EENTM	GI	LRI	PNE	RSI	SSI	SST	UTI		
	N	N	N	N	N	N	N	N	N	N	N	N		
<i>Acinetobacter baumannii</i>										1			1	
<i>Actinomyces spp</i>		1											1	
<i>Anaerobic cocci</i>						1				1			2	
<i>Bacillus spp</i>												2	2	
<i>Bacteroides spp</i>										1	1	1	3	
<i>Candida albicans</i>		1			2					1	2	1	7	
<i>Candida spp</i>					3		2		2		4	5	16	
<i>Clostridium difficile</i>						95							95	
<i>Clostridium perfringens</i>										1			1	
<i>Clostridium spp</i>										2			2	
<i>Coliform (unspecified)</i>		1					6	3	1	5	2	28	46	
<i>Coliform-lactose fermentor (LFC)</i>										1		8	9	
<i>Enterobacter cloacae</i>							2			3		1	6	
<i>Enterobacter cloacae - ESBL producer</i>										1			1	
<i>Enterobacter spp - ESBL producer</i>							1			1		1	3	
<i>Enterobacter spp</i>		1										3	4	
<i>Enterococcus faecalis</i>		1								4	1	6	12	
<i>Enterococcus faecium</i>		1		1									2	
<i>Enterococcus spp</i>		2				1				9		9	21	
<i>Escherichia coli</i>		2			1					2	2	29	36	
<i>Escherichia coli - ESBL producer</i>												2	2	

Organism	HAI Type													Total
	BJ	BSI	CNS	CVS	EENTM	GI	LRI	PNE	RSI	SSI	SST	UTI		
	N	N	N	N	N	N	N	N	N	N	N	N		
<i>Group A Streptococcus</i> ¹										2	1		3	
<i>Group B Streptococcus</i> ²										2		3	5	
<i>Group C Streptococcus</i> ³					1						1		2	
<i>Group F Streptococcus</i> ⁴										1			1	
<i>Group G Streptococcus</i> ⁵											6		6	
<i>Haemophilus influenzae</i>					2		2	3					7	
<i>Haemophilus spp</i>							1						1	
<i>Klebsiella pneumoniae (aerogenes)</i>												1	1	
<i>Klebsiella spp</i>												5	5	
<i>Micrococcus spp</i>		1											1	
<i>Moraxella (Branhamella) catarrhalis</i>							1						1	
<i>Moraxella spp</i>		1											1	
<i>Morganella morganii</i>							1						1	
<i>Other</i>												3	3	
<i>Other Gram-negative bacteria</i>	1	2								1			4	
<i>Other Gram-positive bacteria</i>		1											1	
<i>Other anaerobes</i>									2	3		1	6	
<i>Other bacteria</i>												2	2	
<i>Other fungi/yeasts</i>		2					2	1	1	2			8	
<i>Proteus mirabilis</i>		1								1	1		3	
<i>Proteus spp</i>										1		5	6	

Organism	HAI Type													Total
	BJ	BSI	CNS	CVS	EENTM	GI	LRI	PNE	RSI	SSI	SST	UTI		
	N	N	N	N	N	N	N	N	N	N	N	N		
<i>Proteus vulgaris</i>												1	1	
<i>Pseudomonas aeruginosa</i>					1		1			5	1	3	11	
<i>Pseudomonas spp</i>					1	1	3	1		2		2	10	
<i>Serratia marcescens</i>							1					1	2	
<i>Staphylococcus aureus</i> (MSSA) meticillin-sensitive		7	1	1	3		2	2		14	13	5	48	
<i>Staphylococcus aureus</i> (MRSA) meticillin		10			3	1	4	5		32	27	11	93	
<i>Staphylococcus</i> , coagulase-negative (CNS)	1	9				1				13	2		26	
<i>Stenotrophomonas</i> (<i>Xanthomonas</i>) <i>maltophilia</i>							1	1		1			3	
<i>Streptococcus</i> 'viridans group'		1											1	
<i>Streptococcus</i> <i>pneumoniae</i>							2	1					3	
<i>Streptococcus spp</i>			1							1			2	
Total	2	45	2	2	17	100	32	17	6	114	64	139	540	

1 Group A Streptococcus: (*S. pyogenes*)

2 Group B Streptococcus: (*S. agalactiae*)

3 Group C Streptococcus: (*S. dysgalactiae* subsp.*equisimilis*)

4 Group F Streptococcus: (*S. milleri* group or *S. constellatus*, *S. intermedius* and *S. anginosus*)

5 Group G Streptococcus: (*S. dysgalactiae* subsp.*equisimilis*)

Appendix Table 5-23: Acute Hospitals. Number of inpatients categorised by organism type and speciality group

Organism ¹	Specialty Group											Total			
	Care of the Elderly	Dentistry	Gynaecology	Haematology	Medicine	Obstetric	Oncology	Orthopaedic	Other	Psychiatry	Surgery		Urology		
<i>Actinomyces spp.</i>					1										1
Anaerobic cocci								1							1
<i>Bacillus spp.</i>	1														1
<i>Candida albicans</i>	1				4							1			6
<i>Candida spp.</i>	1				3			2			1				7
<i>Clostridium difficile</i>	26			1	47			4	1	10					91
<i>Coliform (unspecified)</i>	3		1		11			2		5					22
<i>Coliform-lactose fermentor (LFC)</i>	4				1										5
<i>Enterobacter cloacae</i>					2			1							4
<i>Enterobacter spp - ESBL producer</i>					1										2
<i>Enterobacter spp.</i>				1											2
<i>Enterococcus faecalis</i>					3										4
<i>Enterococcus faecium</i>					1										1
<i>Enterococcus spp.</i>					3			2							6
<i>Escherichia coli</i>	7				6					1	2				16
<i>Escherichia coli - ESBL producer</i>	1														1

Organism ¹	Specialty Group											Total	
	Care of the Elderly	Dentistry	Gynaecology	Haematology	Medicine	Obstetric	Oncology	Orthopaedic	Other	Psychiatry	Surgery		Urology
Group A Streptococcus ²											1		1
Group B Streptococcus ³	2						1						3
Group F Streptococcus ⁴										1			1
Group G Streptococcus ⁵	1				2								3
Haemophilus influenzae					2					3			5
Klebsiella spp.	1						1		1				3
Micrococcus spp.	1												1
Moraxella (Branhamella) catarrhalis					1								1
Moraxella spp.					1								1
Morganella morganii										1			1
Other					1						1		2
Other Gram-negative bacteria					1								1
Other Gram-positive bacteria					1								1
Other anaerobes					1						1		2
Other fungi/yeasts					3						3		6
Proteus spp.					2								2

Organism ¹	Specialty Group											Total	
	Care of the Elderly	Dentistry	Gynaecology	Haematology	Medicine	Obstetric	Oncology	Orthopaedic	Other	Psychiatry	Surgery		Urology
<i>Pseudomonas aeruginosa</i>	1				2			2			2		7
<i>Pseudomonas spp.</i>					1						2		3
<i>Serratia marcescens</i>											1		1
<i>Staphylococcus aureus</i>	2				15		1	7			6		31
<i>Staphylococcus aureus (MRSA) meticillin</i>	7		1		22			6		2	27	2	67
<i>Staphylococcus, coagulase-negative (CNS)</i>	1			1	5		1	7			4		19
<i>Stenotrophomonas (Xanthomonas) maltophilia</i>				1									1
<i>Streptococcus spp.</i>											1		1
Multiple	6				13	1		4		1	29	1	55
No Organisms	1 611	16	206	116	4 976	445	131	1 104	10	251	2 103	250	1 1219
Total	1 677	16	208	120	5 132	446	136	1 145	10	256	2 207	255	11 608

1 Note that inpatients with reports for multiple organisms have been included in the “Multiple” organism category. For this reason, some organisms may not be represented in this table.

2 Group A Streptococcus: (*S. pyogenes*)

3 Group B Streptococcus: (*S. agalactiae*)

4 Group F Streptococcus: (*S. milleri* group or *S. constellatus*, *S. intermedius* and *S. anginosus*)

5 Group G Streptococcus: (*S. dysgalactiae* subsp. *equisimilis*)

Appendix Table 5-24: Non-acute Hospitals. Number and percentage of ten most frequently occurring organisms reported for inpatients diagnosed with HAI

Organism	Reporting Frequency	
	N	% ¹
<i>Clostridium difficile</i>	13	24.1
<i>Staphylococcus aureus</i> (MSSA) <i>meticillin-sensitive</i>	9	16.7
<i>Escherichia coli</i>	6	11.1
<i>Staphylococcus aureus</i> (MRSA) <i>meticillin-resistant</i>	6	11.1
<i>Other anaerobes</i>	3	5.6
<i>Coliform (unspecified)</i>	2	3.7
<i>Group B Streptococcus (Streptococcus agalactiae)</i>	2	3.7
<i>Proteus mirabilis</i>	2	3.7
<i>Pseudomonas aeruginosa</i>	2	3.7
<i>Bacillus spp.</i>	1	1.9
All Other organisms ²	8	14.8
Total	54	100.0

1 The percentage reported is: (Count of Organisms reported / Count of all organisms reported) x 100

2 The remaining organisms were grouped as 'All Other organisms'

Appendix Table 5-25: Non-acute Hospitals. Number of reported organisms categorised by HAI type

Organism	HAI Type								Total
	EENTM	GI	LRI	PNE	RSI	SSI	SST	UTI	
	N	N	N	N	N	N	N	N	
<i>Bacillus</i> spp.								1	1
<i>Candida</i> spp.	1								1
<i>Clostridium difficile</i>		13							13
Coliform (unspecified)								2	2
<i>Enterococcus</i> spp.								1	1
<i>Escherichia coli</i>								6	6
<i>Escherichia coli</i> - ESBL producer								1	1
Group B Streptococcus ¹							1	1	2
Group C Streptococcus ²						1			1
<i>Haemophilus influenza</i>			1						1
<i>Klebsiella</i> spp.								1	1
Other anaerobes					1		2		3
<i>Proteus mirabilis</i>								2	2
<i>Proteus</i> spp.							1		1
<i>Pseudomonas aeruginosa</i>							1	1	2
<i>Serratia marcescens</i>								1	1
<i>Staphylococcus aureus</i> (MSSA) meticillin-sensitive				1		1	5	2	9
<i>Staphylococcus aureus</i> (MRSA) meticillin-resistant	1					2	3		6
Total	2	13	1	1	1	4	13	19	54

1 Group B Streptococcus: (*S. agalactiae*)

2 Group C Streptococcus: (*S. dysgalactiae* subsp. *equisimilis*)

Appendix Table 5-26: Non-acute Hospitals. Number of inpatients categorised by organism type and specialty group

Organism ¹	Specialty Group						Total
	Care of the Elderly	Medicine	Orthopaedic	Psychiatry	Surgery	Urology	
	N	N	N	N	N	N	
<i>Candida</i> spp.				1			1
<i>Clostridium difficile</i>	6	5	1				12
Coliform (unspecified)		1		1			2
<i>Escherichia coli</i>	2	2		2			6
<i>Escherichia coli</i> - ESBL producer	1						1
Group B <i>Streptococcus</i> (<i>Streptococcus agalactiae</i>)		1		1			2
<i>Haemophilus influenza</i>				1			1
<i>Klebsiella</i> spp.	1						1
Other anaerobes				1			1
<i>Proteus mirabilis</i>		1					1
<i>Proteus</i> spp.				1			1
<i>Pseudomonas aeruginosa</i>				1			1
<i>Staphylococcus aureus</i>	1	3		2			6
<i>Staphylococcus aureus</i> (MRSA) <i>meticillin-resistant</i>	1	2		1			4
Multiple	2			2			4
No Organisms	422	548	13	1113	5	1	2102
Total	436	563	14	1127	5	1	2146

¹ Note that inpatients with reports for multiple organisms have been included in the 'Multiple' organism category. For this reason, some organisms may not be represented in this table.

Appendix Table 5-27: Acute hospitals. Number of patients with positive microbiology reports.

	Positive microbiology report N	Positive microbiology report %
Bone and Joint Infection	0	0.0
Blood Stream Infection	26	70.3
Central Nervous System Infection	1	100.0
Cardiovascular System Infections	1	14.3
Eye, Ear, Nose, Throat or Mouth Infection	11	9.3
Gastrointestinal Infection	73	50.3
Lower Respiratory Tract Infection other than Pneumonia	19	17.0
Pneumonia	12	14.0
Reproductive System Infections	3	25.0
Systemic Infection	0	0.0
Surgical Site Infection	71	43.6
Skin and Soft Tissue Infection	46	40.7
Urinary Tract Infection	49	27.1
Multiple Infections	77	61.1
Total	389	35.3

Appendix Table 5-28: Non-acute hospitals. Number of patients with positive microbiology reports.

	Positive microbiology report N	Positive microbiology report %
Bone and Joint Infection	0	0.0
Central Nervous System Infection	0	0.0
Eye, Ear, Nose, Throat or Mouth Infection	2	9.5
Gastrointestinal Infection	12	66.7
Lower Respiratory Tract Infection other than Pneumonia	1	6.3
Pneumonia	1	25.0
Reproductive System Infections	1	50.0
Surgical Site Infection	2	50.0
Skin and Soft Tissue Infection	8	20.0
Urinary Tract Infection	13	30.2
Multiple Infections	4	57.1
Total	44	28.0