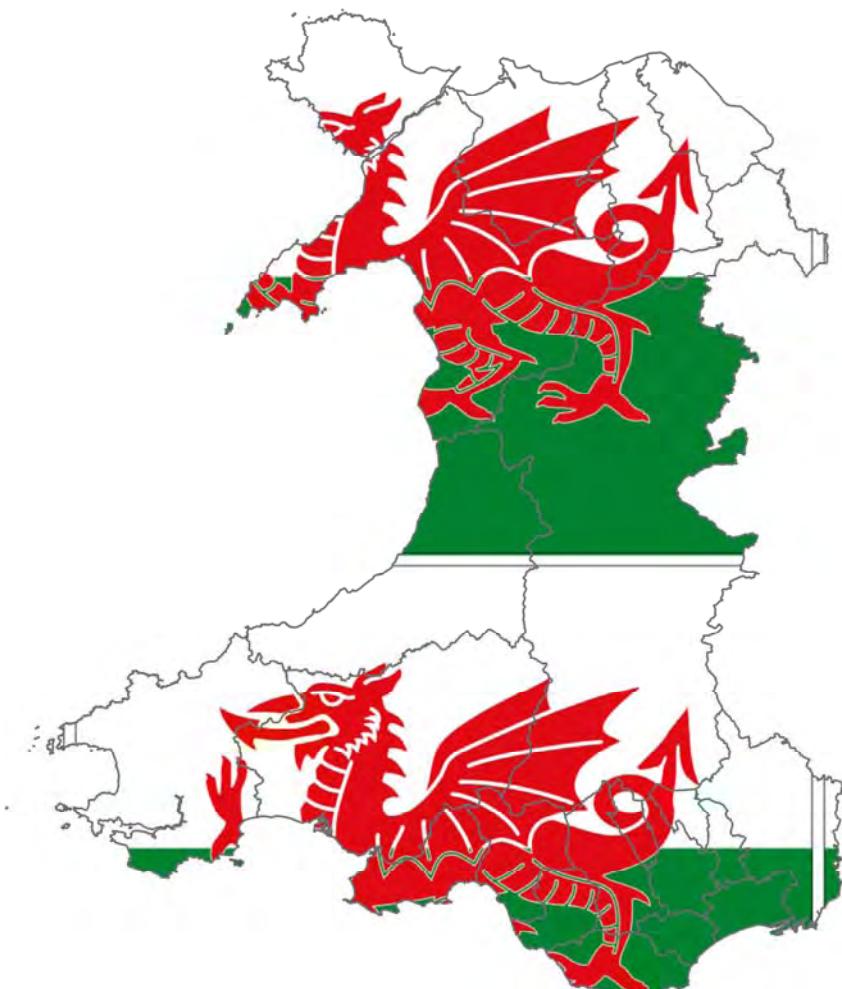




National Report for Wales

January 2005 – December 2007
Paediatric Intensive Care Audit Network



© Crown Copyright/database right 2007. An Ordnance Survey/ONS supplied service.

Elizabeth Draper, Thomas Fleming, Caroline Lamming,
Patricia McKinney, Roger Parslow, Krishnan Thiru, Sarah Skinner
Universities of Leeds and Leicester

KEY

- A** Cambridge University Hospitals NHS Foundation Trust
- B** Brighton & Sussex University Hospitals NHS Trust
- C** Cardiff & Vale NHS Trust
- D** Central Manchester & Manchester Children's University Hospitals NHS Trust
- E** Great Ormond Street Hospital for Children NHS Trust
- F** Guy's & St. Thomas' NHS Foundation Trust
- G** Hull & East Yorkshire Hospitals NHS Trust
- H** King's College Hospital NHS Trust
- I** Leeds Teaching Hospitals NHS Trust
- J** The Lewisham Hospital NHS Trust
- K** Newcastle upon Tyne Hospitals NHS Foundation Trust
 - K1** Newcastle General Hospital
 - K2** Newcastle Freeman Hospital
 - K3** Newcastle Royal Victoria Infirmary
- L** University Hospital of North Staffordshire NHS Trust
- M** Nottingham University Hospitals NHS Trust
- N** Oxford Radcliffe Hospitals NHS Trust
- O** Royal Brompton & Harefield NHS Trust
- P** Royal Liverpool Children's NHS Trust
- Q** Sheffield Children's NHS Foundation Trust
 - Q1** Sheffield Children's Hospital (NICU)
 - Q2** Sheffield Children's Hospital (PICU)
- R** Southampton University Hospitals NHS Trust
- S** South Tees Hospitals NHS Trust
- T** St. George's Healthcare NHS Trust
- U** St. Mary's NHS Trust
- V** Birmingham Children's Hospital NHS Trust
- W** United Bristol Healthcare NHS Trust
- X** University Hospitals of Leicester NHS Trust
 - X1** Leicester Glenfield Hospital
 - X2** Leicester Royal Infirmary
- Y** NHS Lothian – University Hospitals Division
- Z** Barts and the London NHS Trust
- ZA** NHS Greater Glasgow and Clyde - Women and Children's Division
- ZB** The Royal Group of Hospitals and Dental Hospital HSS Trust

Published in the UK by the Paediatric Intensive Care Audit Network (PICANet). This work is copyright.
Apart from any use as permitted under the Copyright, Designs and Patents Act 1988, no part may be
reproduced by any process without permission from PICANet.

Requests and enquiries concerning reproduction rights should be directed to PICANet at:

PICANet
Paediatric Epidemiology Group
Centre for Epidemiology and Biostatistics
The Leeds Institute of Genetics, Health and Therapeutics
Room 8.49, Worsley Building
University of Leeds
Clarendon Way
Leeds
LS2 9JT

0113 343 8125

picanet@leeds.ac.uk

In all cases PICANet must be acknowledged as the source when reproducing or quoting any part of this publication. Please use the following format when citing this report:

National Report for Wales January 2005 - December 2007 Paediatric Intensive Care Audit Network (published August 2008):
Universities of Leeds and Leicester.



National Report for Wales

January 2005 – December 2007

CONTENTS

1	CONTENTS	4
2	ACKNOWLEDGEMENTS	7
3	FOREWORD	8
4	EXECUTIVE SUMMARY	9
5	DATA INCLUDED	10
5.1	Admissions by primary diagnostic group	10
5.2	Admissions by Local Health Board	10
5.3	Admissions by admission type	10
5.4	Retrieval data	11
5.5	Ventilation status	11
5.6	Standardised Mortality Ratios	11
6	TABLES AND FIGURES	12
Table 1	Admissions by age and sex, 2005 - 2007	12
Figure 1	Admissions by age and sex, 2005 - 2007	12
Table 2	Admissions by age (<1) and sex, 2005 - 2007	13
Figure 2	Admissions by age (<1) and sex, 2005 - 2007	13
Table 3	Admissions by age by NHS trust, 2005 - 2007	14
Table 4	Admissions by age (<1) by NHS trust, 2005 - 2007	15
Table 5	Admissions by age (16+) by NHS trust, 2005 - 2007	16
Table 6	Admissions by month and age, 2005 - 2007	17
Figure 6	Admissions by month and age, 2005 - 2007	17
Table 7	Admissions by month and primary diagnostic group, 2005 - 2007	18
Figure 7	Admissions by month and primary diagnostic group, 2005 - 2007	18
Table 8	Respiratory admissions by month and age, 2005 - 2007	19
Figure 8	Respiratory admissions by month and age, 2005 - 2007	19
Table 9	Admissions by month by NHS trust, 2005 - 2007	20
Table 10	Admissions by SHA / HB and year, 2005 - 2007	21
Figure 10	Map showing LHB boundaries	22
Table 11	Admissions by mortality risk group by NHS trust, 2005 - 2007	23
Table 12	Admissions by admission type and age, 2005 - 2007	24
Figure 12	Admissions by admission type, 2005 - 2007	24
Table 13	Admissions by admission type by NHS trust, 2005 - 2007	25
Table 14	Admissions by source of admission (admission type 'unplanned - other') by NHS trust, 2005 - 2007	26
Table 15	Admissions by care area admitted from (admission type 'unplanned - other'; admitted from hospital) by NHS trust, 2005 - 2007	27
Table 16	Admissions by primary diagnostic group and age, 2005 - 2007	28
Figure 16	Admissions by primary diagnostic group, 2005 - 2007	28
Table 17	Admissions by primary diagnostic group and age (16+), 2005 - 2007	29
Figure 17	Admissions by primary diagnostic group (16+), 2005 - 2007	29
Table 18	Admissions by primary diagnostic group by NHS trust, 2005 - 2007	30
Table 19	Admissions by primary diagnostic group (planned - following surgery) by NHS trust, 2005 - 2007	31
Table 20	Admissions by primary diagnostic group (unplanned - following surgery) by NHS trust, 2005 - 2007	32
Table 21	Admissions by primary diagnostic group (planned - other) by NHS trust, 2005 - 2007	33
Table 22	Admissions by primary diagnostic group (unplanned - other) by NHS trust, 2005 - 2007	34

Table 23	Most commonly returned Read Codes for primary reason for admission, 2005 - 2007	35
Table 24	Most commonly returned Read Codes for primary reason for 'unplanned - following surgery' admissions, 2005 - 2007	36
Table 25	Most commonly returned Read Codes for primary reason for 'unplanned - other' admission, 2005 - 2007	37
Table 26	Retrievals by team type and age, 2005 - 2007	38
Figure 26	Retrievals by team type, 2005 - 2007	38
Table 27	'Non-specialist team' retrievals by diagnostic group and age, 2005 - 2007	39
Table 28	Retrievals by retrieval type by NHS trust, 2005 - 2007	40
Table 29	Interventions received by NHS trust, 2005 - 2007	41
Table 30	Admissions by ventilation status and age, 2005 - 2007	42
Table 31	Admissions by ventilation status by NHS trust, 2005 - 2007	43
Table 32	Bed days by age and sex, 2005 - 2007	44
Figure 32	Bed days by age and sex, 2005 - 2007	44
Table 33	Bed days by age by NHS trust, 2005 - 2007	45
Table 34	Bed census by month, 2005 - 2007	46
Figure 34	Bed census by month, 2005 - 2007	46
Table 35	Bed census by NHS trust, 2005 - 2007	47
Figure 35a	Bed census by NHS trust, 2005	47
Figure 35b	Bed census by NHS trust, 2006	47
Figure 35c	Bed census by NHS trust, 2007	47
Table 36	Bed activity by month, 2005 - 2007	48
Figure 36	Bed activity by month, 2005 - 2007	48
Table 37	Bed activity by NHS trust, 2005 - 2007	49
Figure 37a	Bed activity by NHS trust, 2005	49
Figure 37b	Bed activity by NHS trust, 2006	49
Figure 37c	Bed activity by NHS trust, 2007	49
Table 38	Length of stay by age and NHS trust, 2005 - 2007	50
Table 39	Length of stay by primary diagnostic group and NHS trust, 2005 - 2007	51
Table 40	Admissions by length of stay by NHS trust, 2005 - 2007	52
Table 41	Admissions by unit discharge status and age, 2005 - 2007	53
Table 42	Admissions by unit discharge status and age (<1), 2005 - 2007	54
Table 43	Admissions by unit discharge status and sex, 2005 - 2007	55
Table 44	Admissions by unit discharge status and sex (age <1), 2005 - 2007	56
Table 45	Admissions by unit discharge status by NHS trust, 2005 - 2007	57
Table 46	Admissions by unit discharge destination and age, 2005 - 2007	58
Table 47	Standardised mortality ratios by trust, 2005	59
Figure 47a	PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2005: unadjusted	59
Figure 47b	PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2005: risk adjusted (PIM)	59
Table 48	Standardised mortality ratios by trust, 2006	60
Figure 48a	PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2006: unadjusted	60
Figure 48b	PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2006: risk adjusted (PIM)	60
Figure 48c	PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2006: risk adjusted (PIM2)	60

Table 49	Standardised mortality ratios by trust, 2007.....	61
Figure 49a	PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2007: unadjusted.....	61
Figure 49b	PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2007: risk adjusted (PIM)	61
Figure 49c	PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2007: risk adjusted (PIM2)	61
Table 50	Standardised mortality ratios combined by trust, 2005 - 2007	62
Figure 50a	PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2005 - 2007 combined: unadjusted	62
Figure 50b	PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2005 - 2007 combined: risk adjusted (PIM)	62
Table 51	Admissions by follow-up status and age, 2005 - 2007.....	63
Table 52	Admissions by follow-up status and age (<1), 2005 - 2007	64
Table 53	Admissions by follow-up status and sex, 2005 - 2007	65
Table 54	Admissions by follow-up status and sex (age<1), 2005 - 2007	66
Table 55	Admissions by follow-up status by NHS trust, 2005 - 2007	67
Table 56	Re-Admissions by NHS trust and source of previous admission, 2005 - 2007	68
Table 57	Number of admissions of individual children by their NHS trust of first admission, 2005 - 2007	69
Table 58	Number of individual children by NHS trust and diagnostic group of first admission, 2005 - 2007	70
Table 59	Individual child admissions by diagnostic group and readmission status, 2005 - 2007	71
Table 60	Age specific prevalence (per 100,000 per year) for admission to paediatric intensive care in England and Wales, 2005 - 2007	72
Table 61	Age-sex standardised prevalence (per 100,000 per year) for admissions to paediatric intensive care by LHB in Wales, 2005 - 2007	73

2 ACKNOWLEDGEMENTS

We are acutely aware that the success of this national clinical audit is highly dependent on the hard work and commitment of a large number of individuals working within the paediatric intensive care community. We are very grateful to all the audit clerks, secretaries, nurses and doctors who support and contribute to the Paediatric Intensive Care Audit Network (PICANet) from their own paediatric intensive care units (PICUs).

PICANet was established in collaboration with the Paediatric Intensive Care Society (PICS) and their active support continues to be a key component of our successful progress. The PICANet Steering Group (SG) has patient, academic, clinical, government and NHS members all of whom are thanked for their continuing assistance and advice. Members of our Clinical Advisory Group (CAG) are PICANet's formal interface with clinical care teams and their valuable support and contribution is gratefully acknowledged.

PICANet is funded by the Healthcare Quality Improvement Partnership (HQIP), Health Commission Wales Specialised Services, NHS Lothian / National Service Division NHS Scotland, the Royal Belfast Hospital for Sick Children and the Pan Thames PICU Commissioning Consortium.

The organisation and functioning of PICANet is dependent on IT programming and development from Martin Perkins (University of Leicester), who we thank for his essential contributions.

3 FOREWORD

This is the fourth annual report describing where, when and why critically ill Welsh children receive intensive care treatment. PICANet continues to provide the most reliable, validated data relating to activity and outcomes of paediatric intensive care units across the United Kingdom.

The report pulls out the detail of data relating to Welsh children from the National UK report. This year's Welsh report shows the risk-adjusted mortality data for all UK units, and it is reassuring to see that all units providing care for Welsh children fall within the confidence intervals set for expected mortality.

There is a year on year increase for the period of this report, and that continues a trend described in the last report. The trend has in fact accelerated from 3.3% between 2004 and 2005, to a 9.6% increase between 2007 and 2006. Although the numbers are small, the increase is not restricted to one trust, suggesting the underlying reason for the increase is something occurring in every region. The UK data show a year on year increase of 1.6 – 1.9% in admissions in the period 2004 – 2006, and as in Wales, a larger increase of 7.9% between 2006 and 2007.

Trying to tease out causes for this provides some groups in whom trends could continue to be observed in the coming years. The trend upwards seems striking in unplanned admissions – an increase in 26% of unplanned admissions from other hospitals for 2007 compared to 2005. The figures for elective admissions show a small upward trend, but proportionately there is no change. Examining diagnostic groups, there is an upward trend in all cardiovascular patients, with a less marked upward trend in the elective cardiovascular subgroup. Unplanned neurology admissions show a steady increase, although trauma shows no clear trend. Elective neurology diagnoses again don't show a consistent trend. The proportion of patients ventilated has not changed, so it doesn't seem that there is an increase in admission of high-dependency level patients.

It seems likely that the observed rise in admissions involves more than one factor, but the increase is real, and should be noted by commissioners and service planners. It will be interesting to see how this trend continues, and whether any clear underlying causes do emerge with time.

I would like to congratulate the PICANet team in Leeds again for producing such well validated and complete information. Producing data of this quality has a cost (in time as well as money), but it is an important part of planning healthcare and assessing its quality, and it is vital that PICANet continues to develop its work.

Dr Allan Wardhaugh
Consultant in Paediatric Intensive Care
University Hospital of Wales
Cardiff & Vale NHS Trust

4 EXECUTIVE SUMMARY

- This report provides information on all children admitted to paediatric intensive care in Great Britain whose usual place of residence is Wales.
- Data are presented on 1801 paediatric intensive care admissions over the three year period 1 January 2005 – 31 December 2007.
- There has been a year on year increase of admissions from 566 in 2005 to 647 in 2007.
- Nearly half (47%) of admissions are under one year of age and the male to female ratio is 1.28:1.
- Admissions to Cardiff & Vale NHS Trust represent nearly half (48%) of all Welsh children admitted to paediatric intensive care and most (41%) of the remaining children are admitted to the Royal Liverpool Children's NHS Trust or the United Bristol Healthcare NHS Trust.
- Prevalence for admission varies more than two-fold between Health Boards with the highest levels in the southern health boards.
- Unplanned admissions accounted for 52% of all admissions
- 80% of admissions received invasive ventilation
- 9579 bed days were provided for Welsh children treated in paediatric intensive care, 58% of which were received by patients under one year of age.
- Crude mortality for Welsh children treated in paediatric intensive care was 5.2%.

5 DATA INCLUDED

This report is based on children admitted to paediatric intensive care units in England, Wales and Scotland whose usual place of residence is Wales. The data are presented for the three year period January 2005 – December 2007. All data are based on admissions aged 0 – 15 years unless clearly stated otherwise.

There are 27 participating NHS trusts (located in England, Wales and Scotland), 24 of whom collected data for the entire reporting period. Barts and the London, Edinburgh and Glasgow did not contribute over the whole period.

This report should be read in conjunction with the National Report of the Paediatric Intensive Care Audit Network National Report January 2005 - December 2007 (published June 2008): Universities of Leeds and Leicester. ISBN 978 0 85316 275 9.

5.1 Admissions by primary diagnostic group

The primary reason for admission has been categorised into 13 diagnostic groups to enable a simple comparison between NHS trusts. The classification is based on CT3 (The Read Codes). The groups are mutually exclusive:

- Infection excludes any respiratory or gastrointestinal infection but includes meningitis
- Neurological disorders include neurovascular complications
- Oncology includes neuro-oncology (brain tumours)
- Other includes those diagnoses not covered by the other 12 groups

Read codes are five characters in length and can be made up of numbers, letters, or periods. The ordering of the individual characters does not indicate the hierarchy (e.g. patent ductus arteriosus (P70..) is a subset of congenital abnormality of ductus arteriosus (Xa6aC)).

5.2 Admissions by Local Health Board

The number of admissions by Local HB was obtained by linking the validated home addresses of children admitted to PICU to HB via the National Statistics Postcode Directory (NSPD).

5.3 Admissions by admission type

We have used the following definitions for admission type:

- An admission that is ‘planned - following surgery’ is one that the unit is aware of before the surgery begins and one that could have been delayed for 24 hours without risk (e.g. spinal surgery).
- An admission that is ‘unplanned - following surgery’ is one that the unit was not aware of before surgery began and one that could not have been delayed without risk (e.g. bleeding tonsillectomy).
- A ‘planned - other’ admission is any other planned admission that is not an emergency (e.g. liver biopsy).

- An ‘unplanned - other’ admission is one that the unit was not expecting and is therefore an emergency admission (e.g. status epilepticus).

Surgery is defined as undergoing all or part of a procedure or anaesthesia for a procedure in an operating theatre or anaesthetic room. Patients admitted from the operating theatre where surgery is not the main reason for admission (e.g. a patient with a head injury who is admitted from theatre after insertion of an ICP monitor) are not included here. In such patients the main reason for admission is head injury and thus the admission type would be ‘unplanned - other’.

5.4 Retrieval data

Data are collected on whether or not a child was retrieved / transferred into the PICU. We have used the following definitions:

- ‘Own team’ identifies that your own team collected the child from the referring hospital.
- ‘Other specialist team (PICU)’ identifies that another PICU retrieval team transferred the child to your unit.
- ‘Other specialist team (non PICU)’ identifies that another transport team, not a PICU team (e.g. Accident and Emergency Department (A&E), theatre teams or neonatal teams), transferred the child to your unit.
- ‘Non-specialist team’ identifies that a non-PICU, non-specialist team transported the child to your unit (e.g. ward staff).

5.5 Ventilation status

Length of ventilation has been calculated in days. Any ventilation episode during the period midnight to midnight was counted as one complete day (e.g. a child intubated and ventilated at 23.45 on 7 March and extubated at 02.30 on 8 March would count as two days of ventilation). Intubation and extubation times are not recorded in the PICANet dataset therefore more precise ventilation duration times are not available.

5.6 Standardised Mortality Ratios

Tables and figures showing the standardised mortality ratios for units in England, Wales and Scotland have been reproduced from the National Report so that table and figure numbering is consistent across both reports.

6 TABLES AND FIGURES

Table 1 Admissions by age and sex, 2005 - 2007

Age (Years)	Sex				Total		
	Male		Female				
	n	%	n	%	n	%	
0	527	(63)	314	(37)	0	(0)	841 (46.7)
1	112	(57)	86	(43)	0	(0)	198 (11.0)
2	59	(50)	58	(50)	0	(0)	117 (6.5)
3	26	(44)	33	(56)	0	(0)	59 (3.3)
4	18	(37)	31	(63)	0	(0)	49 (2.7)
5	23	(62)	14	(38)	0	(0)	37 (2.1)
6	15	(45)	18	(55)	0	(0)	33 (1.8)
7	29	(60)	19	(40)	0	(0)	48 (2.7)
8	21	(46)	25	(54)	0	(0)	46 (2.6)
9	24	(55)	20	(45)	0	(0)	44 (2.4)
10	21	(51)	20	(49)	0	(0)	41 (2.3)
11	19	(43)	25	(57)	0	(0)	44 (2.4)
12	26	(52)	24	(48)	0	(0)	50 (2.8)
13	29	(48)	32	(52)	0	(0)	61 (3.4)
14	29	(39)	46	(61)	0	(0)	75 (4.2)
15	34	(59)	24	(41)	0	(0)	58 (3.2)
Total	1,012	(56.2)	789	(43.8)	0	(0.0)	1,801

Figure 1 Admissions by age and sex, 2005 - 2007

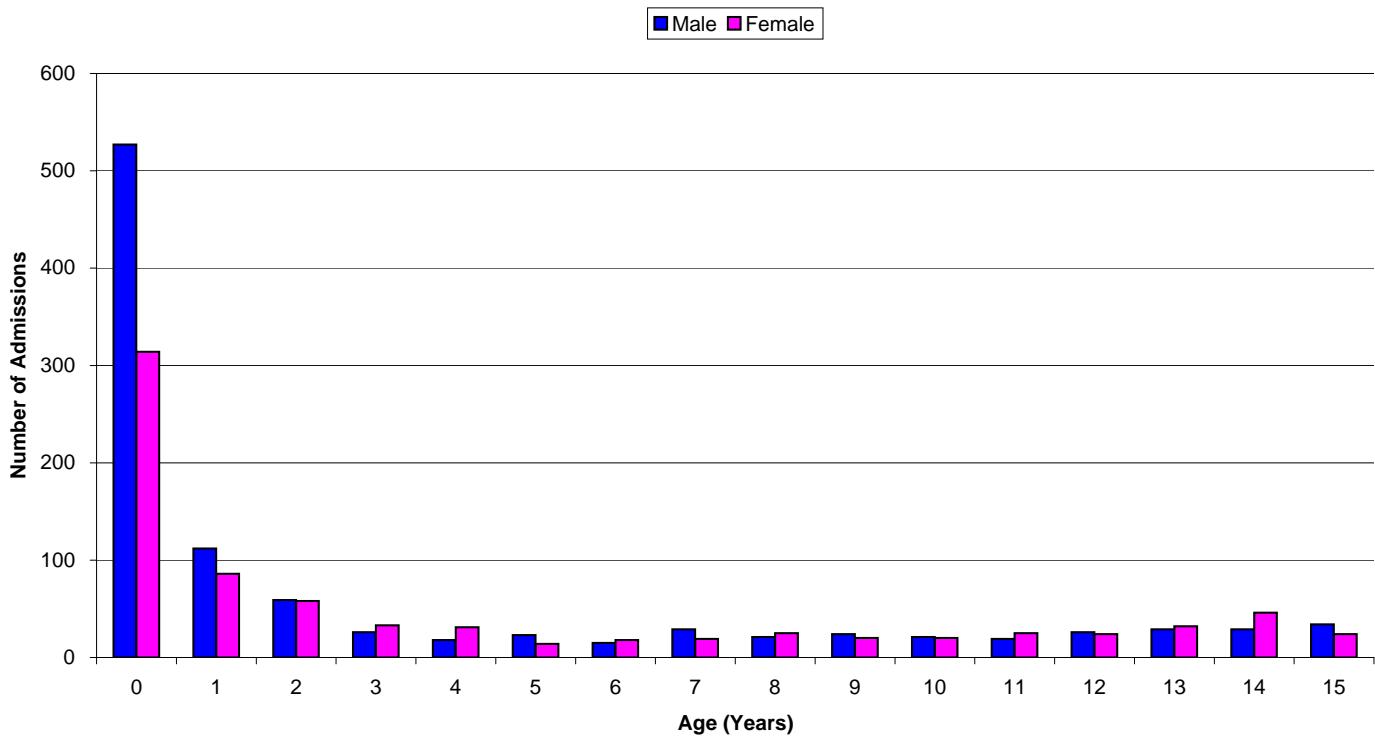


Table 2 Admissions by age (<1) and sex, 2005 - 2007

Age (Months)	Sex						Total	
	Male		Female		Ambiguous			
	n	%	n	%	n	%	n	%
0	169	(64)	96	(36)	0	(0)	0	(0)
1	79	(63)	46	(37)	0	(0)	0	(0)
2	52	(68)	24	(32)	0	(0)	0	(0)
3	39	(57)	30	(43)	0	(0)	0	(0)
4	38	(61)	24	(39)	0	(0)	0	(0)
5	37	(70)	16	(30)	0	(0)	0	(0)
6	20	(57)	15	(43)	0	(0)	0	(0)
7	22	(56)	17	(44)	0	(0)	0	(0)
8	24	(62)	15	(38)	0	(0)	0	(0)
9	16	(57)	12	(43)	0	(0)	0	(0)
10	17	(61)	11	(39)	0	(0)	0	(0)
11	14	(64)	8	(36)	0	(0)	0	(0)
Total	527	(62.7)	314	(37.3)	0	(0.0)	0	(0.0)
	841							

Figure 2 Admissions by age (<1) and sex, 2005 - 2007

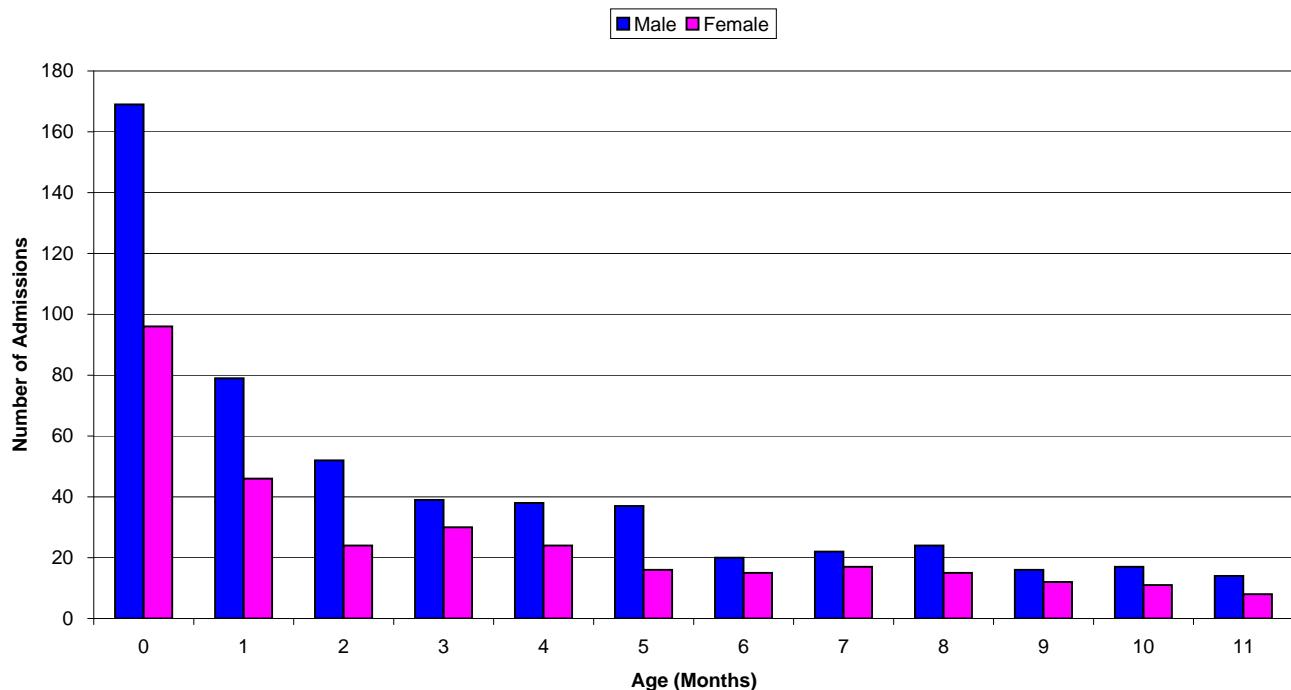


Table 4 Admissions by age (<1) by NHS trust, 2005 - 2007

Year	NHS Trust	Age Group (Months)								Total	
		<1		1-2		3-5		6-11			
		n	%	n	%	n	%	n	%	n	%
2005	C	11	(11)	31	(31)	28	(28)	29	(29)	99	(36.9)
	D	0	(0)	3	(50)	2	(33)	1	(17)	6	(2.2)
	E	7	(58)	0	(0)	4	(33)	1	(8)	12	(4.5)
	F	1	(50)	0	(0)	1	(50)	0	(0)	2	(0.7)
	H	0	(0)	1	(100)	0	(0)	0	(0)	1	(0.4)
	K	1	(100)	0	(0)	0	(0)	0	(0)	1	(0.4)
	N	0	(0)	2	(50)	2	(50)	0	(0)	4	(1.5)
	P	27	(43)	16	(25)	8	(13)	12	(19)	63	(23.5)
	R	4	(57)	3	(43)	0	(0)	0	(0)	7	(2.6)
	V	6	(60)	2	(20)	2	(20)	0	(0)	10	(3.7)
	W	30	(48)	8	(13)	15	(24)	10	(16)	63	(23.5)
2005 Total		87	(32.5)	66	(24.6)	62	(23.1)	53	(19.8)	268	
2006	C	22	(20)	29	(27)	22	(20)	35	(32)	108	(40.6)
	D	0	(0)	0	(0)	0	(0)	1	(100)	1	(0.4)
	E	2	(67)	1	(33)	0	(0)	0	(0)	3	(1.1)
	F	1	(100)	0	(0)	0	(0)	0	(0)	1	(0.4)
	H	1	(100)	0	(0)	0	(0)	0	(0)	1	(0.4)
	O	0	(0)	0	(0)	0	(0)	1	(100)	1	(0.4)
	P	20	(33)	10	(16)	13	(21)	18	(30)	61	(22.9)
	U	0	(0)	0	(0)	0	(0)	1	(100)	1	(0.4)
	V	7	(47)	2	(13)	5	(33)	1	(7)	15	(5.6)
	W	24	(33)	9	(12)	18	(25)	22	(30)	73	(27.4)
	X	1	(100)	0	(0)	0	(0)	0	(0)	1	(0.4)
2006 Total		78	(29.3)	51	(19.2)	58	(21.8)	79	(29.7)	266	
2007	C	20	(17)	39	(32)	32	(26)	30	(25)	121	(39.4)
	D	0	(0)	1	(50)	1	(50)	0	(0)	2	(0.7)
	E	4	(80)	0	(0)	1	(20)	0	(0)	5	(1.6)
	F	2	(100)	0	(0)	0	(0)	0	(0)	2	(0.7)
	L	0	(0)	1	(50)	1	(50)	0	(0)	2	(0.7)
	P	28	(42)	15	(22)	12	(18)	12	(18)	67	(21.8)
	U	0	(0)	1	(100)	0	(0)	0	(0)	1	(0.3)
	V	7	(47)	3	(20)	2	(13)	3	(20)	15	(4.9)
	W	35	(40)	24	(27)	15	(17)	14	(16)	88	(28.7)
	X	4	(100)	0	(0)	0	(0)	0	(0)	4	(1.3)
2007 Total		100	(32.6)	84	(27.4)	64	(20.8)	59	(19.2)	307	
Grand Total		265	(31.5)	201	(23.9)	184	(21.9)	191	(22.7)	841	

Table 5 Admissions by age (16+) by NHS trust, 2005 - 2007

Year	NHS Trust	Age Group (Years)								Total	
		16		17-20		21-25		26+			
		n	%	n	%	n	%	n	%	n	%
2005	C	2	(67)	1	(33)	0	(0)	0	(0)	3	(27.3)
	E	3	(100)	0	(0)	0	(0)	0	(0)	3	(27.3)
	L	1	(100)	0	(0)	0	(0)	0	(0)	1	(9.1)
	P	1	(50)	1	(50)	0	(0)	0	(0)	2	(18.2)
	V	0	(0)	1	(100)	0	(0)	0	(0)	1	(9.1)
	W	1	(100)	0	(0)	0	(0)	0	(0)	1	(9.1)
2005 Total		8	(72.7)	3	(27.3)	0	(0.0)	0	(0.0)	11	
2006	C	6	(75)	2	(25)	0	(0)	0	(0)	8	(57.1)
	E	1	(25)	3	(75)	0	(0)	0	(0)	4	(28.6)
	P	1	(100)	0	(0)	0	(0)	0	(0)	1	(7.1)
	W	0	(0)	1	(100)	0	(0)	0	(0)	1	(7.1)
2006 Total		8	(57.1)	6	(42.9)	0	(0.0)	0	(0.0)	14	
2007	C	7	(100)	0	(0)	0	(0)	0	(0)	7	(46.7)
	D	1	(100)	0	(0)	0	(0)	0	(0)	1	(6.7)
	L	2	(67)	1	(33)	0	(0)	0	(0)	3	(20.0)
	P	1	(33)	2	(67)	0	(0)	0	(0)	3	(20.0)
	W	0	(0)	1	(100)	0	(0)	0	(0)	1	(6.7)
2007 Total		11	(73.3)	4	(26.7)	0	(0.0)	0	(0.0)	15	
Grand Total		27	(67.5)	13	(32.5)	0	(0.0)	0	(0.0)	40	

Table 10 Admissions by SHA / HB and year, 2005 - 2007

Country	LHB	Year						Total	% Total
		2005		2006		2007			
		n	%	n	%	n	%	n	%
Wales	Anglesey	14	(2.5)	16	(2.7)	18	(2.8)	48	(2.7)
	Gwynedd	27	(4.8)	28	(4.8)	33	(5.1)	88	(4.9)
	Conwy	10	(1.8)	22	(3.7)	12	(1.9)	44	(2.4)
	Denbighshire	18	(3.2)	16	(2.7)	20	(3.1)	54	(3.0)
	Flintshire	36	(6.4)	35	(6.0)	47	(7.3)	118	(6.6)
	Wrexham	28	(4.9)	24	(4.1)	27	(4.2)	79	(4.4)
	Powys Teaching	18	(3.2)	14	(2.4)	20	(3.1)	52	(2.9)
	Ceredigion	7	(1.2)	7	(1.2)	10	(1.5)	24	(1.3)
	Pembrokeshire	20	(3.5)	17	(2.9)	17	(2.6)	54	(3.0)
	Carmarthenshire	26	(4.6)	30	(5.1)	29	(4.5)	85	(4.7)
	Swansea	37	(6.5)	33	(5.6)	35	(5.4)	105	(5.8)
	Neath Port Talbot	20	(3.5)	25	(4.3)	29	(4.5)	74	(4.1)
	Bridgend	13	(2.3)	29	(4.9)	36	(5.6)	78	(4.3)
	Vale of Glamorgan	28	(4.9)	38	(6.5)	24	(3.7)	90	(5.0)
	Cardiff	71	(12.5)	97	(16.5)	75	(11.6)	243	(13.5)
	Rhondda Cynon Taff Teaching	62	(11.0)	35	(6.0)	62	(9.6)	159	(8.8)
	Merthyr Tydfil	16	(2.8)	17	(2.9)	14	(2.2)	47	(2.6)
	Caerphilly Teaching	34	(6.0)	29	(4.9)	41	(6.3)	104	(5.8)
	Blaenau Gwent	21	(3.7)	15	(2.6)	26	(4.0)	62	(3.4)
	Torfaen	18	(3.2)	22	(3.7)	28	(4.3)	68	(3.8)
	Monmouthshire	8	(1.4)	14	(2.4)	15	(2.3)	37	(2.1)
	Newport	34	(6.0)	25	(4.3)	29	(4.5)	88	(4.9)
Total		566		588		647		1,801	

Figure 10 Map showing LHB boundaries



© Crown Copyright/database right 2007. An Ordnance Survey/ONS supplied service.

Table 12 Admissions by admission type and age, 2005 - 2007

Admission Type	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Planned - following surgery	315	(43)	164	(22)	109	(15)	141	(19)	729	(40.5)
Unplanned - following surgery	25	(40)	18	(29)	10	(16)	9	(15)	62	(3.4)
Planned - other	42	(58)	11	(15)	11	(15)	9	(12)	73	(4.1)
Unplanned - other	459	(49)	230	(25)	119	(13)	129	(14)	937	(52.0)
Total	841	(46.7)	423	(23.5)	249	(13.8)	288	(16.0)	1,801	

Figure 12 Admissions by admission type, 2005 - 2007

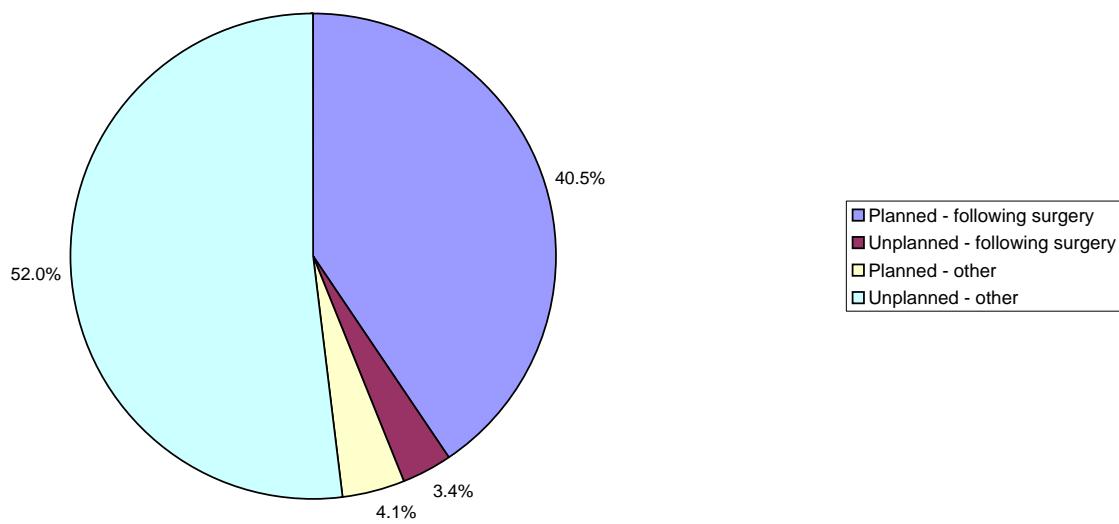


Table 16 Admissions by primary diagnostic group and age, 2005 - 2007

Diagnostic Group	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Blood / lymphatic	6	(33)	6	(33)	4	(22)	2	(11)	18	(1.0)
Body wall and cavities	31	(94)	2	(6)	0	(0)	0	(0)	33	(1.8)
Cardiovascular	361	(64)	107	(19)	61	(11)	36	(6)	565	(31.4)
Endocrine / metabolic	17	(41)	9	(22)	8	(20)	7	(17)	41	(2.3)
Gastrointestinal	32	(51)	14	(22)	7	(11)	10	(16)	63	(3.5)
Infection	69	(53)	40	(31)	12	(9)	9	(7)	130	(7.2)
Multisystem	9	(82)	1	(9)	0	(0)	1	(9)	11	(0.6)
Musculoskeletal	2	(2)	12	(10)	20	(16)	91	(73)	125	(6.9)
Neurological	54	(30)	61	(34)	30	(17)	33	(19)	178	(9.9)
Oncology	13	(19)	19	(28)	22	(32)	15	(22)	69	(3.8)
Respiratory	208	(52)	107	(27)	54	(13)	32	(8)	401	(22.3)
Trauma	6	(8)	22	(28)	19	(24)	32	(41)	79	(4.4)
Other	30	(36)	22	(27)	11	(13)	20	(24)	83	(4.6)
Unknown	3	(60)	1	(20)	1	(20)	0	(0)	5	(0.3)
Total	841	(46.7)	423	(23.5)	249	(13.8)	288	(16.0)	1,801	

Figure 16 Admissions by primary diagnostic group, 2005 - 2007

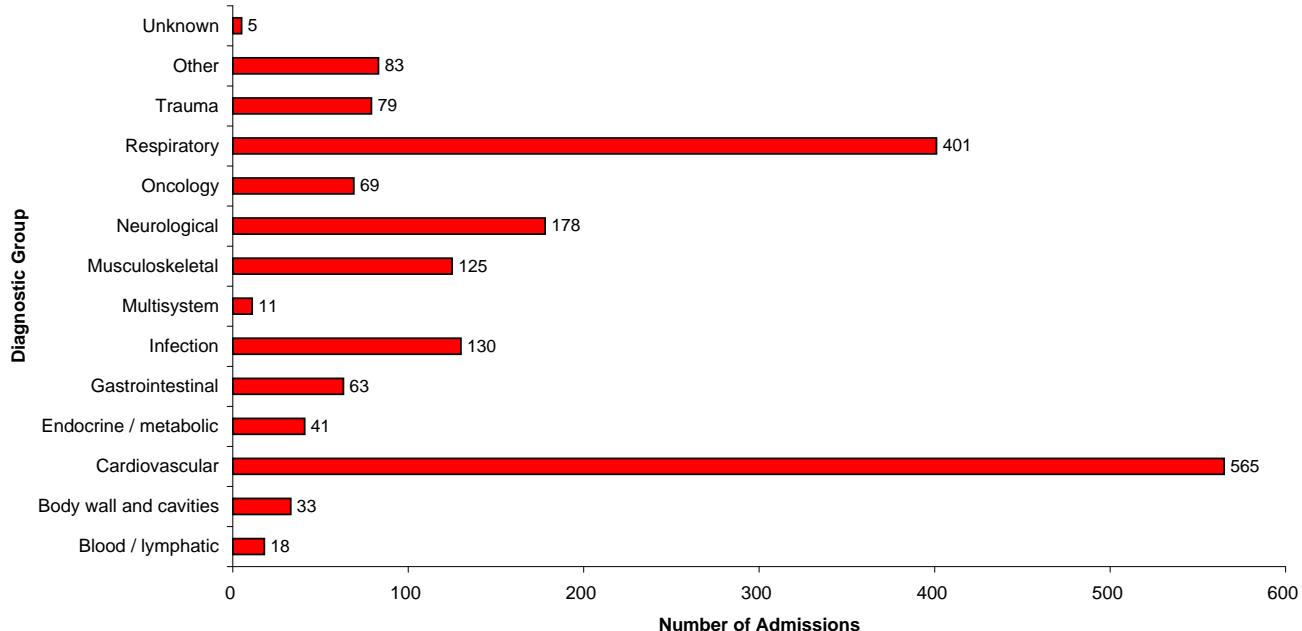


Table 17 Admissions by primary diagnostic group and age (16+), 2005 - 2007

Diagnostic Group	Age Group (Years)								Total	
	16		17-20		21-25		26+			
	n	%	n	%	n	%	n	%	n	%
Cardiovascular	2	(33)	4	(67)	0	(0)	0	(0)	6	(15.0)
Endocrine / metabolic	0	(0)	1	(100)	0	(0)	0	(0)	1	(2.5)
Gastrointestinal	0	(0)	1	(100)	0	(0)	0	(0)	1	(2.5)
Musculoskeletal	11	(92)	1	(8)	0	(0)	0	(0)	12	(30.0)
Neurological	1	(50)	1	(50)	0	(0)	0	(0)	2	(5.0)
Oncology	4	(80)	1	(20)	0	(0)	0	(0)	5	(12.5)
Respiratory	8	(73)	3	(27)	0	(0)	0	(0)	11	(27.5)
Trauma	1	(50)	1	(50)	0	(0)	0	(0)	2	(5.0)
Total	27	(67.5)	13	(32.5)	0	(0.0)	0	(0.0)	40	

Figure 17 Admissions by primary diagnostic group, 2005 - 2007

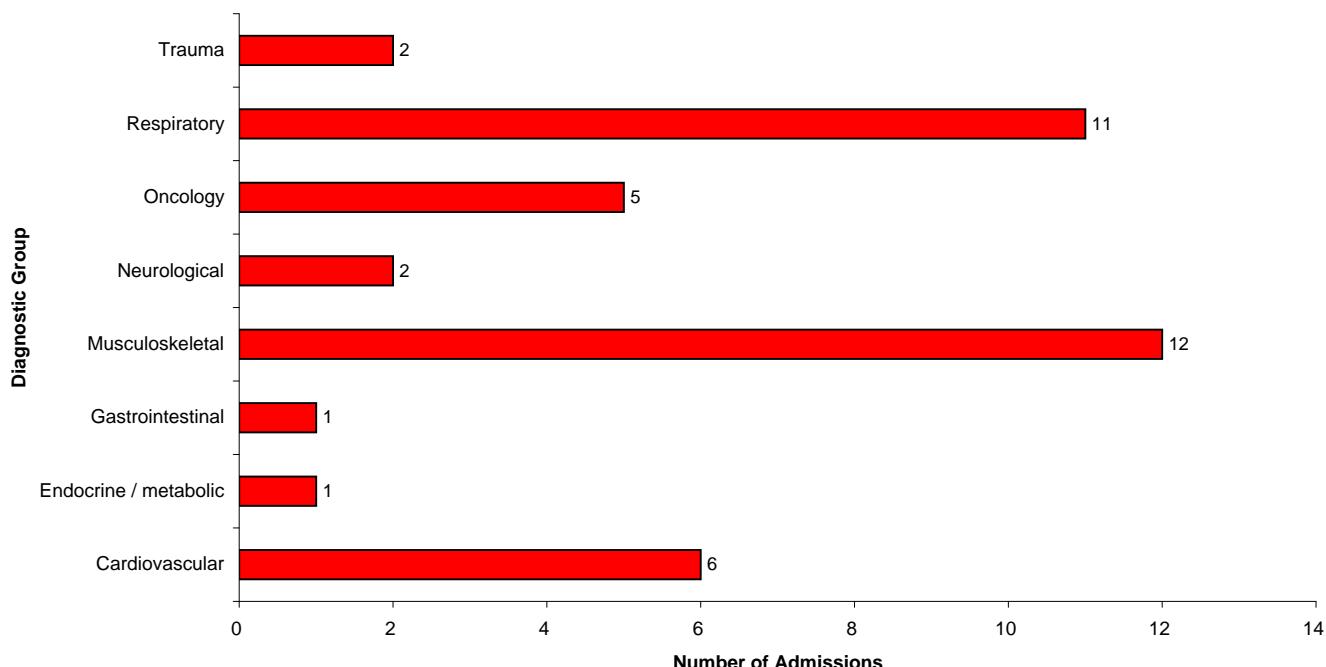


Table 23 Most commonly returned Read Codes for primary reason for admission, 2005 - 2007

Primary Diagnosis	Sex							
	Male		Female		Ambiguous		Unknown	Total
	n	%	n	%	n	%	n	%
Acquired scoliosis (X70D3)	28	(33)	57	(67)	0	(0)	0	(0)
Ventricular septal defect (P54..)	30	(46)	35	(54)	0	(0)	0	(0)
Meningococcal septicaemia (A362.)	30	(56)	24	(44)	0	(0)	0	(0)
Injury of head region (XA003)	38	(78)	11	(22)	0	(0)	0	(0)
Discordant ventriculoarterial connection (P51..)	36	(84)	7	(16)	0	(0)	0	(0)
Respiratory failure (XM09V)	29	(69)	13	(31)	0	(0)	0	(0)
Atrioventricular septal defect & common atriovent junction (X77wc)	21	(55)	17	(45)	0	(0)	0	(0)
Atrial septal defect (X77vY)	9	(24)	28	(76)	0	(0)	0	(0)
Sepsis (X70VZ)	22	(59)	15	(41)	0	(0)	0	(0)
Bronchiolitis (XSDOK)	20	(56)	16	(44)	0	(0)	0	(0)
Tetralogy of Fallot (P52..)	14	(41)	20	(59)	0	(0)	0	(0)
Hypoplastic left heart syndrome (P67..)	26	(79)	7	(21)	0	(0)	0	(0)
Aortic coarctation (P71..)	21	(68)	10	(32)	0	(0)	0	(0)
Acute bronchiolitis (H061.)	13	(57)	10	(43)	0	(0)	0	(0)
Status epilepticus (X007B)	14	(61)	9	(39)	0	(0)	0	(0)
Acute bronchiolitis due to respiratory syncytial virus (H0615)	13	(59)	9	(41)	0	(0)	0	(0)
Pulmonary trunk atresia (X780E)	15	(71)	6	(29)	0	(0)	0	(0)
Pneumonia (X100E)	10	(50)	10	(50)	0	(0)	0	(0)
Acute laryngotracheobronchitis (Xa0IW)	13	(68)	6	(32)	0	(0)	0	(0)
Double outlet right ventricle (P511.)	14	(78)	4	(22)	0	(0)	0	(0)
Persistent truncus arteriosus (XaC2P)	8	(44)	10	(56)	0	(0)	0	(0)
Fit (in known epileptic) NOS (XaC34)	11	(69)	5	(31)	0	(0)	0	(0)
Patent ductus arteriosus (P70..)	8	(50)	8	(50)	0	(0)	0	(0)
Acute lower respiratory tract infection (XE0Xt)	5	(31)	11	(69)	0	(0)	0	(0)
Gastroschisis (PG71.)	8	(53)	7	(47)	0	(0)	0	(0)
Total	456	(56.2)	355	(43.8)	0	(0.0)	0	(0.0)
							811	

Table 24 Most commonly returned Read Codes for primary reason for 'unplanned - following surgery' admissions, 2005 - 2007

Primary Diagnosis	Sex								Total n %
	Male		Female		Ambiguous		Unknown		
	n	%	n	%	n	%	n	%	
Sepsis (X70VZ)	1	(33)	2	(67)	0	(0)	0	(0)	3 (9.1)
Sleep apnoea (X0083)	1	(50)	1	(50)	0	(0)	0	(0)	2 (6.1)
Tracheomalacia (P8314)	2	(100)	0	(0)	0	(0)	0	(0)	2 (6.1)
Haemolytic uraemic syndrome (D1113)	1	(50)	1	(50)	0	(0)	0	(0)	2 (6.1)
Injury of head region (XA003)	2	(100)	0	(0)	0	(0)	0	(0)	2 (6.1)
Intussusception (J500.)	2	(100)	0	(0)	0	(0)	0	(0)	2 (6.1)
Obstructive sleep apnoea (X0084)	2	(100)	0	(0)	0	(0)	0	(0)	2 (6.1)
Hernia of abdominal cavity (J3...)	1	(100)	0	(0)	0	(0)	0	(0)	1 (3.0)
Hypoplastic left heart syndrome (P67..)	1	(100)	0	(0)	0	(0)	0	(0)	1 (3.0)
Ileal stricture (X305L)	0	(0)	1	(100)	0	(0)	0	(0)	1 (3.0)
Ileostomy prolapse (Xa6Zb)	0	(0)	1	(100)	0	(0)	0	(0)	1 (3.0)
Infected wire (Xa1IE)	1	(100)	0	(0)	0	(0)	0	(0)	1 (3.0)
Brain ventricular shunt obstruction (X00Fa)	1	(100)	0	(0)	0	(0)	0	(0)	1 (3.0)
Chronic obstructive lung disease (H3...)	1	(100)	0	(0)	0	(0)	0	(0)	1 (3.0)
Cloacal exstrophy (X783S)	0	(0)	1	(100)	0	(0)	0	(0)	1 (3.0)
Coeliac disease NOS (J690z)	0	(0)	1	(100)	0	(0)	0	(0)	1 (3.0)
Congenital aortic valve stenosis (P63..)	1	(100)	0	(0)	0	(0)	0	(0)	1 (3.0)
Cystic fibrosis (C370.)	0	(0)	1	(100)	0	(0)	0	(0)	1 (3.0)
Discordant ventriculoarterial connection (P51..)	1	(100)	0	(0)	0	(0)	0	(0)	1 (3.0)
Drug-induced anaphylaxis (X70vr)	0	(0)	1	(100)	0	(0)	0	(0)	1 (3.0)
Empyema (XaE01)	0	(0)	1	(100)	0	(0)	0	(0)	1 (3.0)
End stage renal failure (X30J0)	1	(100)	0	(0)	0	(0)	0	(0)	1 (3.0)
Epileptic seizure (XaElj)	0	(0)	1	(100)	0	(0)	0	(0)	1 (3.0)
Gastrointestinal and digestive disorder (J....)	0	(0)	1	(100)	0	(0)	0	(0)	1 (3.0)
Gastroschisis (PG71.)	1	(100)	0	(0)	0	(0)	0	(0)	1 (3.0)
Total	20	(60.6)	13	(39.4)	0	(0.0)	0	(0.0)	33

Table 25 Most commonly returned Read Codes for primary reason for 'unplanned - other' admission, 2005 - 2007

Primary Diagnosis	Sex								Total	
	Male		Female		Ambiguous		Unknown			
	n	%	n	%	n	%	n	%	n	%
Meningococcal septicaemia (A362.)	29	(56)	23	(44)	0	(0)	0	(0)	52	(11.2)
Injury of head region (XA003)	36	(77)	11	(23)	0	(0)	0	(0)	47	(10.1)
Respiratory failure (XM09V)	25	(69)	11	(31)	0	(0)	0	(0)	36	(7.7)
Bronchiolitis (XS0DOK)	19	(54)	16	(46)	0	(0)	0	(0)	35	(7.5)
Sepsis (X70VZ)	21	(64)	12	(36)	0	(0)	0	(0)	33	(7.1)
Status epilepticus (X007B)	13	(59)	9	(41)	0	(0)	0	(0)	22	(4.7)
Acute bronchiolitis (H061.)	13	(59)	9	(41)	0	(0)	0	(0)	22	(4.7)
Acute bronchiolitis due to respiratory syncytial virus (H0615)	12	(57)	9	(43)	0	(0)	0	(0)	21	(4.5)
Acute laryngotracheobronchitis (Xa0IW)	13	(68)	6	(32)	0	(0)	0	(0)	19	(4.1)
Pneumonia (X100E)	9	(47)	10	(53)	0	(0)	0	(0)	19	(4.1)
Fit (in known epileptic) NOS (XaC34)	11	(69)	5	(31)	0	(0)	0	(0)	16	(3.4)
Acute lower respiratory tract infection (XE0Xt)	5	(31)	11	(69)	0	(0)	0	(0)	16	(3.4)
Discordant ventriculoarterial connection (P51..)	10	(77)	3	(23)	0	(0)	0	(0)	13	(2.8)
Head injury NOS (XA004)	9	(75)	3	(25)	0	(0)	0	(0)	12	(2.6)
Hypoplastic left heart syndrome (P67..)	10	(83)	2	(17)	0	(0)	0	(0)	12	(2.6)
Febrile convulsion (XM03I)	3	(27)	8	(73)	0	(0)	0	(0)	11	(2.4)
Cardiac arrest (XE0V5)	6	(60)	4	(40)	0	(0)	0	(0)	10	(2.2)
Situation-related seizures (X006g)	8	(80)	2	(20)	0	(0)	0	(0)	10	(2.2)
Septic shock (X208Z)	5	(56)	4	(44)	0	(0)	0	(0)	9	(1.9)
Isolated seizures (X006i)	3	(33)	6	(67)	0	(0)	0	(0)	9	(1.9)
Meningitis (X000H)	4	(44)	5	(56)	0	(0)	0	(0)	9	(1.9)
Aortic coarctation (P71..)	8	(89)	1	(11)	0	(0)	0	(0)	9	(1.9)
Respiratory distress (XM07z)	8	(100)	0	(0)	0	(0)	0	(0)	8	(1.7)
Adult respiratory distress syndrome (XE0Ye)	5	(63)	3	(38)	0	(0)	0	(0)	8	(1.7)
Respiratory arrest (XM09W)	5	(71)	2	(29)	0	(0)	0	(0)	7	(1.5)
Total	290	(62.4)	175	(37.6)	0	(0.0)	0	(0.0)	465	

Table 26 Retrievals by team type and age, 2005 - 2007

Retrieval Team	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Own team	239	(53)	111	(25)	46	(10)	54	(12)	450	(76.8)
Other specialist team (PICU)	36	(75)	5	(10)	2	(4)	5	(10)	48	(8.2)
Other specialist team (non-PICU)	19	(54)	1	(3)	9	(26)	6	(17)	35	(6.0)
Non-specialist team	24	(48)	10	(20)	4	(8)	12	(24)	50	(8.5)
Unknown	3	(100)	0	(0)	0	(0)	0	(0)	3	(0.5)
Total	321	(54.8)	127	(21.7)	61	(10.4)	77	(13.1)	586	

Figure 26 Retrievals by team type, 2005 - 2007

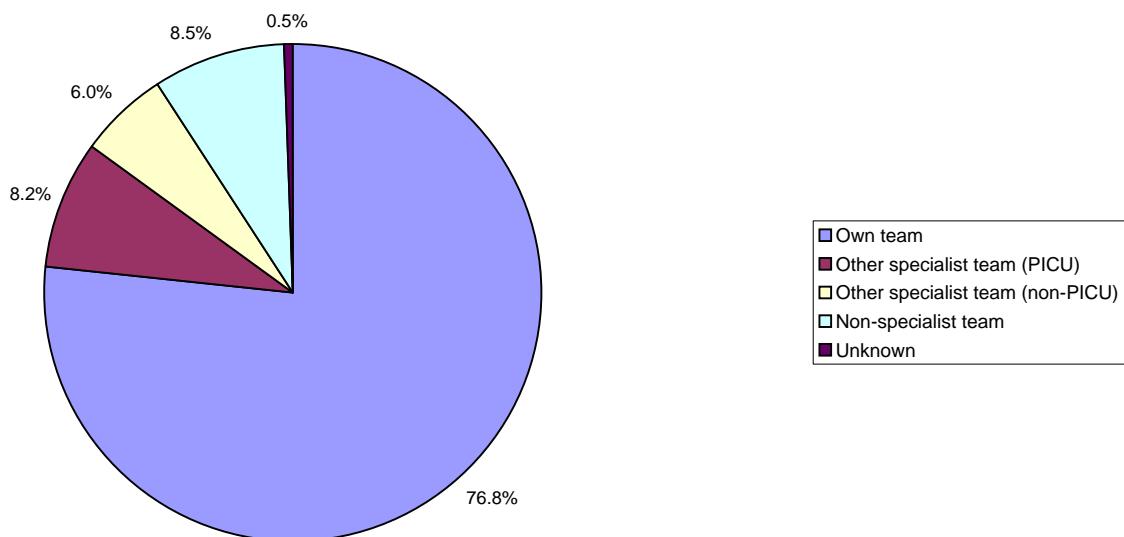


Table 27 'Non-specialist team' retrievals by diagnostic group and age, 2005 - 2007

Diagnostic Group	Age Group (Years)								Total
	<1		1-4		5-10		11-15		
n	%	n	%	n	%	n	%	n	%
Body wall and cavities	1	(100)	0	(0)	0	(0)	0	(0)	1 (2.0)
Cardiovascular	11	(85)	1	(8)	1	(8)	0	(0)	13 (26.0)
Endocrine / metabolic	1	(50)	0	(0)	1	(50)	0	(0)	2 (4.0)
Gastrointestinal	1	(100)	0	(0)	0	(0)	0	(0)	1 (2.0)
Multisystem	2	(100)	0	(0)	0	(0)	0	(0)	2 (4.0)
Neurological	1	(20)	1	(20)	0	(0)	3	(60)	5 (10.0)
Respiratory	5	(50)	3	(30)	1	(10)	1	(10)	10 (20.0)
Trauma	1	(7)	5	(36)	1	(7)	7	(50)	14 (28.0)
Other	1	(50)	0	(0)	0	(0)	1	(50)	2 (4.0)
Total	24	(48.0)	10	(20.0)	4	(8.0)	12	(24.0)	50

Table 28 Retrievals by retrieval type by NHS trust, 2005 - 2007

Year	NHS Trust	Retrieval Team						Total	n	%	
		Own team		Other specialist team (PICU)		Other specialist team (non-PICU)		Non-specialist team		Unknown	
		n	%	n	%	n	%	n	%	n	%
2005	C	98	(91)	6	(6)	1	(1)	3	(3)	0	(0)
	D	7	(78)	1	(11)	1	(11)	0	(0)	0	(0)
	E	0	(0)	6	(86)	0	(0)	1	(14)	0	(0)
	F	0	(0)	1	(100)	0	(0)	0	(0)	0	(0)
	H	0	(0)	1	(100)	0	(0)	0	(0)	0	(0)
	K	0	(0)	1	(100)	0	(0)	0	(0)	0	(0)
	L	2	(100)	0	(0)	0	(0)	0	(0)	0	(0)
	M	0	(0)	0	(0)	1	(100)	0	(0)	0	(0)
	N	0	(0)	0	(0)	1	(50)	1	(50)	0	(0)
	P	28	(68)	0	(0)	6	(15)	7	(17)	0	(0)
	V	1	(33)	0	(0)	1	(33)	1	(33)	0	(0)
	W	5	(63)	0	(0)	0	(0)	1	(13)	2	(25)
	X	1	(100)	0	(0)	0	(0)	0	(0)	0	(0)
	2005 Total	142	(76.8)	16	(8.6)	11	(5.9)	14	(7.6)	2	(1.1)
2006	A	1	(100)	0	(0)	0	(0)	0	(0)	0	(0)
	C	85	(79)	12	(11)	4	(4)	7	(6)	0	(0)
	D	0	(0)	0	(0)	1	(100)	0	(0)	0	(0)
	E	0	(0)	1	(50)	0	(0)	1	(50)	0	(0)
	H	0	(0)	1	(100)	0	(0)	0	(0)	0	(0)
	L	1	(50)	1	(50)	0	(0)	0	(0)	0	(0)
	P	29	(71)	0	(0)	3	(7)	9	(22)	0	(0)
	Q	1	(100)	0	(0)	0	(0)	0	(0)	0	(0)
	V	1	(33)	1	(33)	1	(33)	0	(0)	0	(0)
	W	8	(67)	1	(8)	1	(8)	1	(8)	1	(8)
	X	1	(100)	0	(0)	0	(0)	0	(0)	0	(0)
	Y	1	(100)	0	(0)	0	(0)	0	(0)	0	(0)
	2006 Total	128	(73.6)	17	(9.8)	10	(5.7)	18	(10.3)	1	(0.6)
2007	C	107	(89)	8	(7)	5	(4)	0	(0)	0	(0)
	D	5	(100)	0	(0)	0	(0)	0	(0)	0	(0)
	E	0	(0)	2	(100)	0	(0)	0	(0)	0	(0)
	F	0	(0)	1	(100)	0	(0)	0	(0)	0	(0)
	L	0	(0)	2	(100)	0	(0)	0	(0)	0	(0)
	P	43	(73)	1	(2)	6	(10)	9	(15)	0	(0)
	Q	0	(0)	1	(100)	0	(0)	0	(0)	0	(0)
	V	1	(33)	0	(0)	2	(67)	0	(0)	0	(0)
	W	21	(68)	0	(0)	1	(3)	9	(29)	0	(0)
	X	3	(100)	0	(0)	0	(0)	0	(0)	0	(0)
	2007 Total	180	(79.3)	15	(6.6)	14	(6.2)	18	(7.9)	0	(0.0)
	Grand Total	450	(76.8)	48	(8.2)	35	(6.0)	50	(8.5)	3	(0.5)

Table 30 Admissions by ventilation status and age, 2005 - 2007

Ventilation Status	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Invasive only	611	(48)	311	(24)	159	(12)	198	(15)	1,279	(71.0)
Non-invasive only	19	(44)	8	(19)	5	(12)	11	(26)	43	(2.4)
Both	113	(72)	14	(9)	17	(11)	12	(8)	156	(8.7)
Neither	86	(29)	83	(28)	63	(21)	63	(21)	295	(16.4)
Unknown	12	(43)	7	(25)	5	(18)	4	(14)	28	(1.6)
Total	841	(46.7)	423	(23.5)	249	(13.8)	288	(16.0)	1,801	

Table 32 Bed days by age and sex, 2005 - 2007

Age (Years)	Sex						Total	
	Male		Female		Ambiguous			
	n	%	n	%	n	%	n	%
0	3,442	(62)	2,126	(38)	0	(0)	0	(0)
1	594	(63)	351	(37)	0	(0)	0	(0)
2	255	(48)	275	(52)	0	(0)	0	(0)
3	91	(42)	124	(58)	0	(0)	0	(0)
4	52	(33)	104	(67)	0	(0)	0	(0)
5	109	(61)	70	(39)	0	(0)	0	(0)
6	51	(37)	88	(63)	0	(0)	0	(0)
7	112	(66)	58	(34)	0	(0)	0	(0)
8	70	(38)	112	(62)	0	(0)	0	(0)
9	93	(52)	85	(48)	0	(0)	0	(0)
10	97	(45)	118	(55)	0	(0)	0	(0)
11	126	(57)	97	(43)	0	(0)	0	(0)
12	154	(73)	57	(27)	0	(0)	0	(0)
13	89	(47)	101	(53)	0	(0)	0	(0)
14	102	(45)	124	(55)	0	(0)	0	(0)
15	186	(74)	66	(26)	0	(0)	0	(0)
Total	5,623	(58.7)	3,956	(41.3)	0	(0.0)	0	(0.0)
							9,579	

Figure 32 Bed days by age and sex, 2005 - 2007

■ Male ■ Female

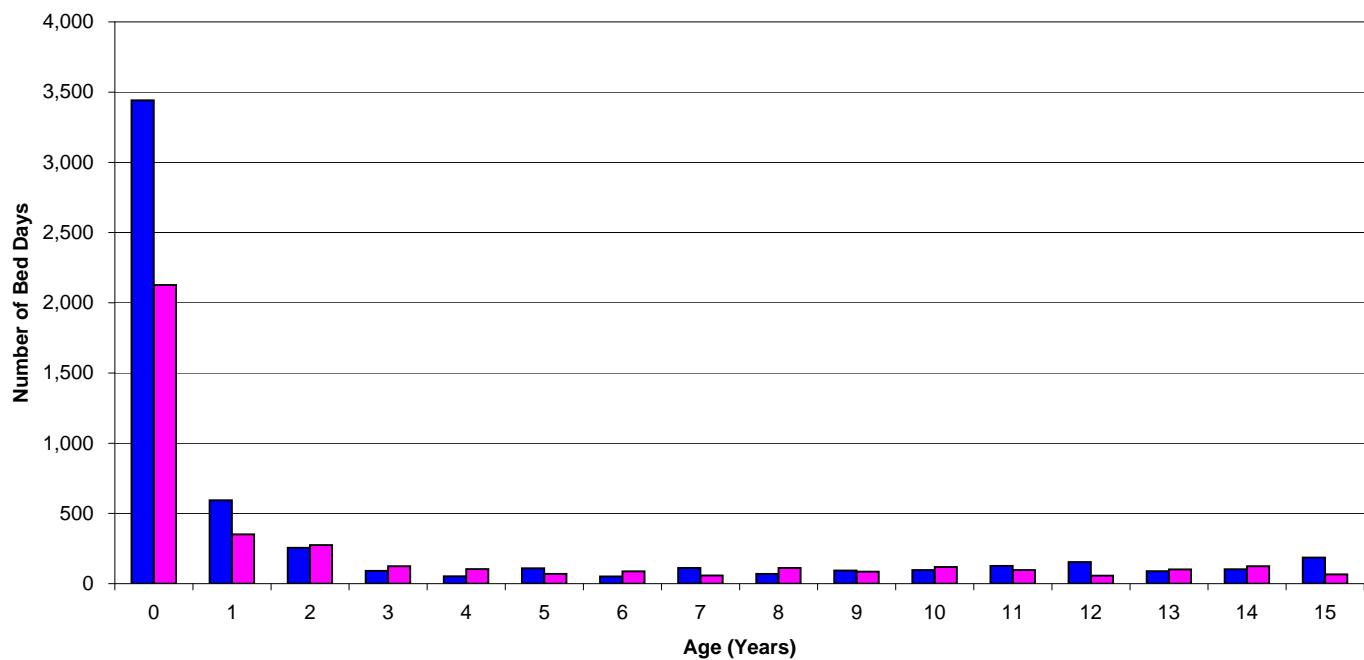


Table 34 Bed census by month, 2005 - 2007

Year	Month	Number in PICU	
		Median	IQR
2005	1	8	5-11
	2	8	7-10
	3	7	6-8
	4	7	5-9
	5	4	3-8
	6	7	6-9
	7	8	7-9
	8	6	4-8
	9	6	5-7
	10	6	4-7
	11	6	5-7
	12	8	7-9
2006	1	9	8-11
	2	7	6-9
	3	7	6-8
	4	9	7-10
	5	6	5-8
	6	4	3-5
	7	6	5-7
	8	5	4-7
	9	4	3-7
	10	8	6-9
	11	7	6-9
	12	6	5-8
2007	1	10	9-12
	2	13	11-13.5
	3	7	6-8
	4	7	6-9
	5	8	6-11
	6	7	6-8
	7	6	5-7
	8	6	5-8
	9	7	6-9
	10	9	8-9
	11	6	5-8
	12	8	6-10

Figure 34 Bed census by month, 2005 - 2007

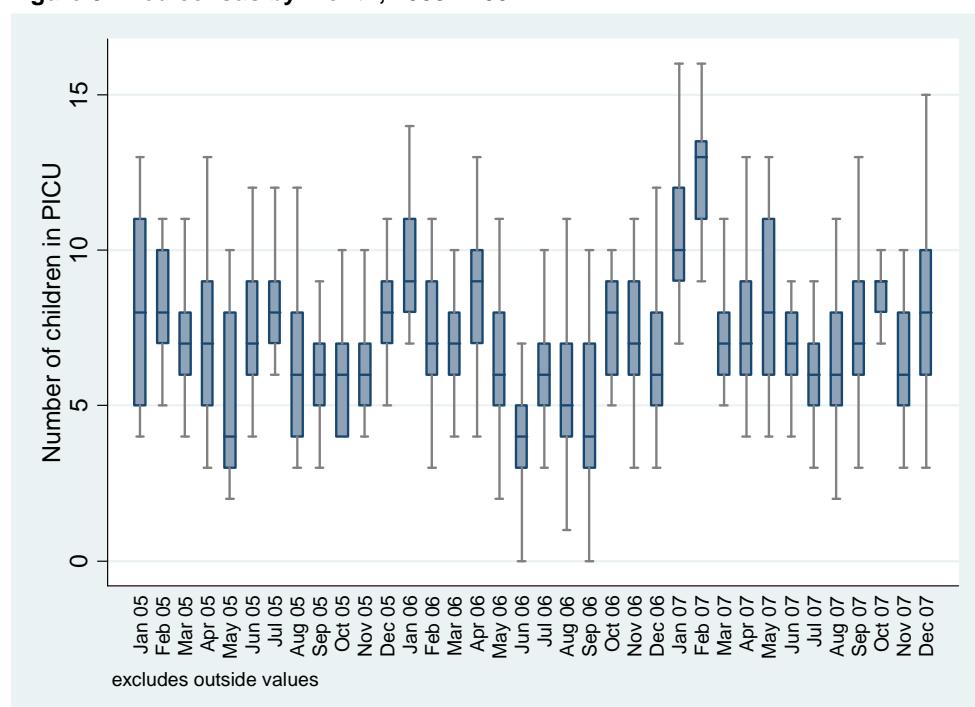


Table 35 Bed census by NHS trust, 2005 - 2007

Year	NHS Trust	Number in PICU	
		Median	IQR
2005	A	0	0-0
	B	0	0-0
	C	3	1-4
	D	0	0-0
	E	0	0-1
	F	0	0-0
	G	0	0-0
	H	0	0-0
	I	0	0-0
	J	0	0-0
	K	0	0-0
	L	0	0-0
	M	0	0-0
	N	0	0-0
	O	0	0-0
	P	1	1-2
	Q	0	0-0
	R	0	0-0
	S	0	0-0
	T	0	0-0
	U	0	0-0
	V	0	0-1
	W	1	0-2
	X	0	0-0
	Y	0	0-0
	Z	0	0-0
	ZA	0	0-0

Figure 35a Bed census by NHS trust, 2005

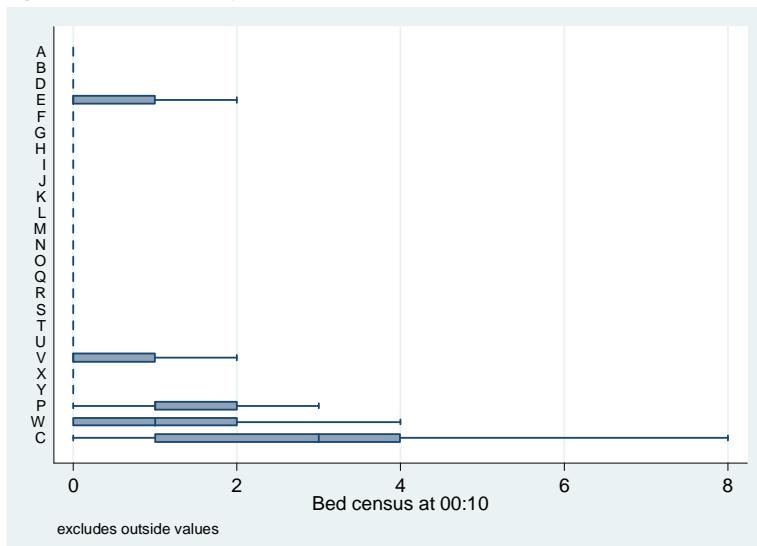


Figure 35b Bed census by NHS trust, 2006

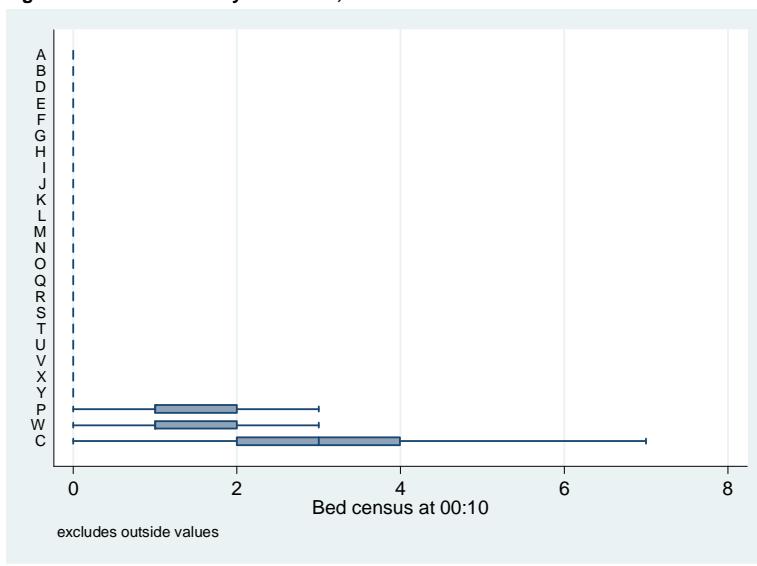


Figure 35c Bed census by NHS trust, 2007

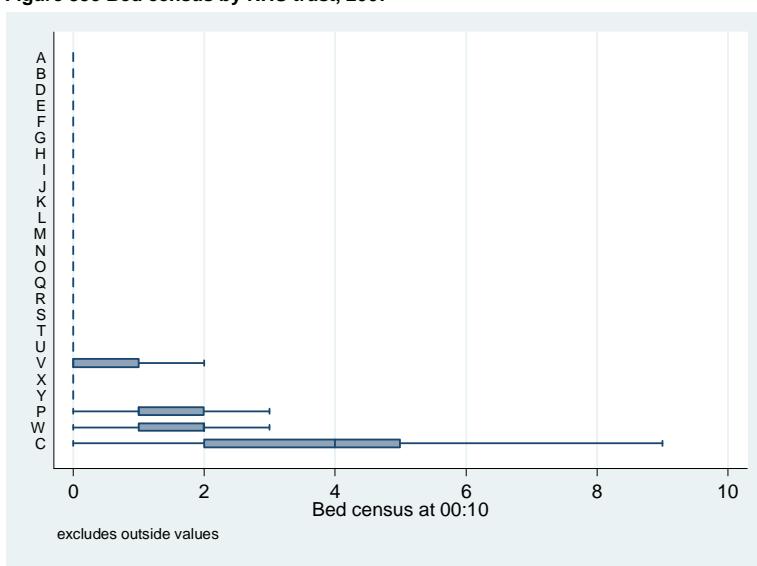


Table 36 Bed activity by month, 2005 - 2007

Year	Month	Bed Activity (Days)	
		Median	IQR
2005	1	10	6-13
	2	10	8.5-12
	3	9	8-10
	4	9	7-12
	5	5	4-9
	6	9	7-11
	7	10	8-10
	8	7	5-10
	9	8	6-9
	10	8	6-9
	11	8	7-9
	12	9	8-11
2006	1	12	9-13
	2	10	8.5-11
	3	10	8-10
	4	11	8-12
	5	8	6-10
	6	5	4-7
	7	8	6-9
	8	7	5-9
	9	5	4-9
	10	9	8-11
	11	9	7-11
	12	7	6-10
2007	1	13	10-14
	2	15	13-16
	3	9	8-10
	4	9	7-11
	5	11	9-13
	6	9	7-11
	7	7	6-9
	8	7	6-10
	9	8	7-10
	10	10	9-12
	11	8	7-10
	12	9	7-11

Figure 36 Bed activity by month, 2005 - 2007

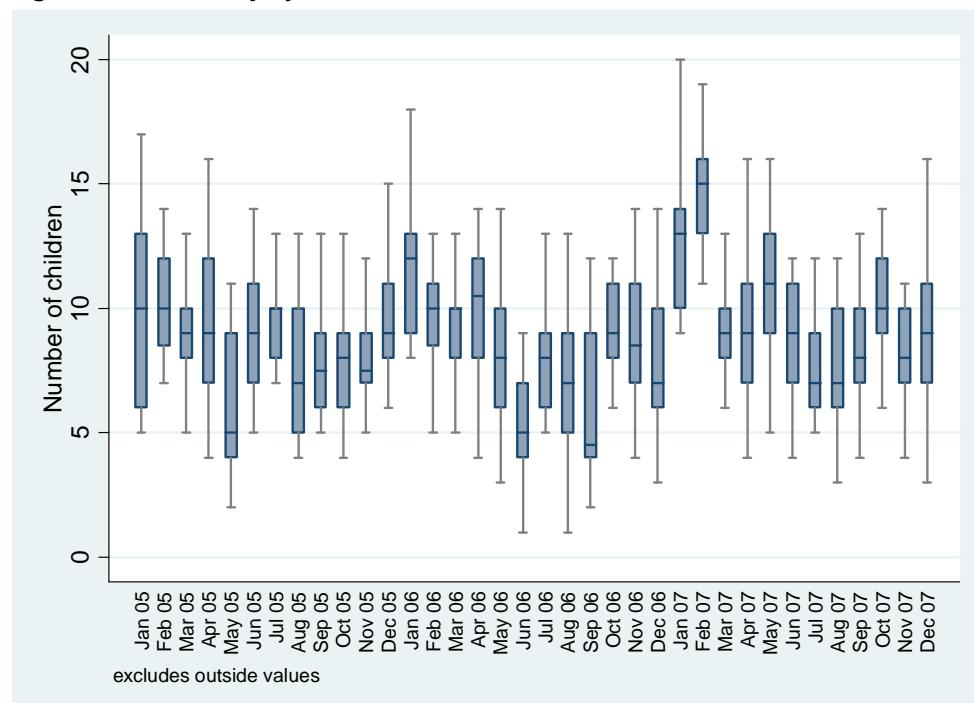


Table 37 Bed activity by NHS trust, 2005 - 2007

Year	NHS Trust	Bed Activity (Days)	
		Median	IQR
2005	A	0	0-0
	B	0	0-0
	C	4	2-5
	D	0	0-0
	E	0	0-1
	F	0	0-0
	G	0	0-0
	H	0	0-0
	I	0	0-0
	J	0	0-0
	K	0	0-0
	L	0	0-0
	M	0	0-0
	N	0	0-0
	O	0	0-0
	P	2	1-2
	Q	0	0-0
	R	0	0-0
	S	0	0-0
	T	0	0-0
	U	0	0-0
	V	0	0-1
	W	1	1-2
	X	0	0-0
	Y	0	0-0
	Z	0	0-0
	ZA	0	0-0
2006	A	0	0-0
	B	0	0-0
	C	4	3-5
	D	0	0-0
	E	0	0-0
	F	0	0-0
	G	0	0-0
	H	0	0-0
	I	0	0-0
	J	0	0-0
	K	0	0-0
	L	0	0-0
	M	0	0-0
	N	0	0-0
	O	0	0-0
	P	2	1-2
	Q	0	0-0
	R	0	0-0
	S	0	0-0
	T	0	0-0
	U	0	0-0
	V	0	0-1
	W	2	1-3
	X	0	0-0
	Y	0	0-0
	Z	0	0-0
	ZA	0	0-0
2007	A	0	0-0
	B	0	0-0
	C	4	3-6
	D	0	0-0
	E	0	0-0
	F	0	0-0
	G	0	0-0
	H	0	0-0
	I	0	0-0
	J	0	0-0
	K	0	0-0
	L	0	0-0
	M	0	0-0
	N	0	0-0
	O	0	0-0
	P	2	1-3
	Q	0	0-0
	R	0	0-0
	S	0	0-0
	T	0	0-0
	U	0	0-0
	V	0	0-1
	W	2	1-3
	X	0	0-0
	Y	0	0-0
	Z	0	0-0
	ZA	0	0-0

Figure 37a Bed activity by NHS trust, 2005

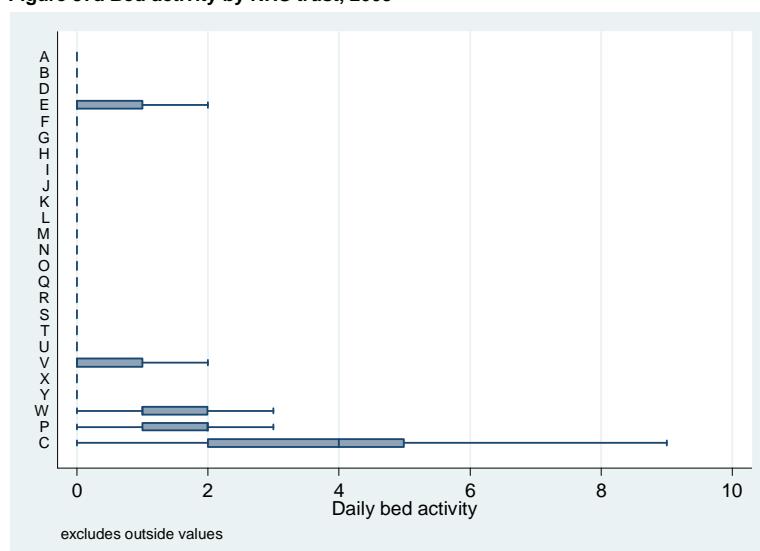


Figure 37b Bed activity by NHS trust, 2006

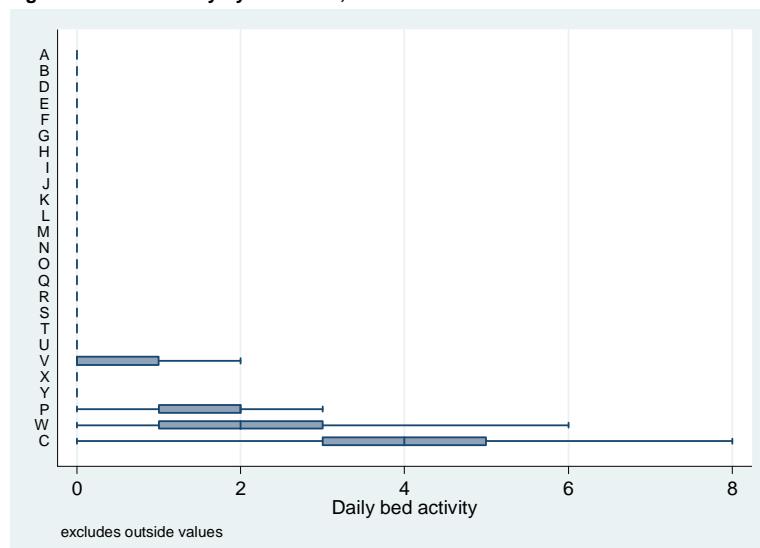


Figure 37c Bed activity by NHS trust, 2007

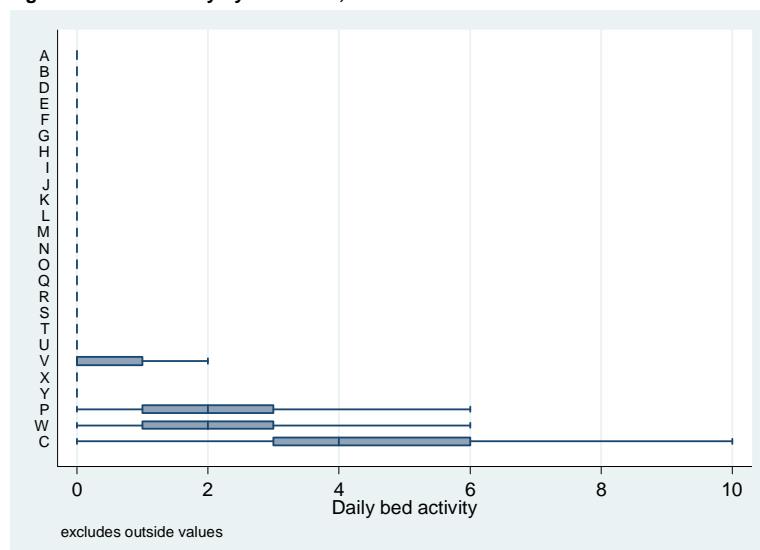


Table 38 Length of stay by age and NHS trust, 2005 - 2007

Year	NHS Trust	Age Group (Years)							
		<1		1-4		5-10		11-15	
		Median	IQR	Median	IQR	Median	IQR	Median	IQR
2005	C	4	2-7	3	2-7	2	2-3	2	2-4
	D	6.5	6-9	8	4-9	0	0-0	9	9-9
	E	5	2-8	0	0-0	10	10-10	7.5	5-9.5
	F	5	4-6	3	3-3	0	0-0	0	0-0
	G	0	0-0	7	6-8	0	0-0	0	0-0
	H	13	13-13	1	1-1	0	0-0	2	2-2
	K	9	9-9	0	0-0	0	0-0	0	0-0
	L	0	0-0	2	2-2	5	5-5	3	2-3
	M	0	0-0	0	0-0	4	4-4	0	0-0
	N	1.5	1-2	0	0-0	0	0-0	0	0-0
	P	4	2-7	2	2-5	2	2-3	2	2-7
	R	2	1-2	0	0-0	2	2-2	0	0-0
	V	6	4-16	3	2-4	2	2-3	3	2-4
	W	5	3-8	2	2-3	2	2-3	2	2-3
	X	0	0-0	0	0-0	3	3-3	0	0-0
2006	A	0	0-0	2	2-2	0	0-0	7	7-7
	C	4	2-6.5	2	2-5	2	2-5	2	2-3
	D	7	7-7	0	0-0	7	7-7	0	0-0
	E	10	5-33	0	0-0	2	2-2	11	11-11
	F	7	7-7	2	2-2	0	0-0	2	2-2
	H	23	23-23	2	2-2	0	0-0	0	0-0
	L	0	0-0	0	0-0	0	0-0	3	2-3
	N	0	0-0	2	2-2	0	0-0	0	0-0
	O	4	4-4	0	0-0	0	0-0	2	2-2
	P	3	2-7	2	2-3	2	1-6	2	2-3
	Q	0	0-0	1	1-1	0	0-0	0	0-0
	T	0	0-0	2	2-2	0	0-0	0	0-0
	U	2	2-2	0	0-0	0	0-0	0	0-0
	V	6	3-8	2	1-5	2	2-3	3.5	1-6
	W	4	3-8	3	2-3	2	2-3	2	2-3
	X	8	8-8	0	0-0	0	0-0	0	0-0
	Y	0	0-0	2	2-2	0	0-0	0	0-0
2007	C	5	3-8	3	2-6	2	2-5	2	2-3
	D	10	10-10	2.5	1-4	6	6-6	3	3-3
	E	7	6-7	9	1-22	30	30-30	0	0-0
	F	2.5	2-3	4	3-5	0	0-0	0	0-0
	H	0	0-0	0	0-0	0	0-0	2	2-2
	L	6	4-8	0	0-0	0	0-0	2.5	2-12.5
	P	4	2-6	3	2-8	3	2-4	3	2-4
	Q	0	0-0	0	0-0	0	0-0	2.5	2-3
	U	5	5-5	0	0-0	0	0-0	0	0-0
	V	5	3-9	2	2-2	2	2-3	2	2-11
	W	3	2-5	2	2-4	2	2-5	2	2-3
	X	5	3.5-10	0	0-0	0	0-0	0	0-0

Table 39 Length of stay by primary diagnostic group and NHS trust, 2005 - 2007

NHS Trust	Diagnostic Group																											
	Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown	
	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR		
A	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	7	7-7	0	0-0	2	2-2	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0		
C	2	2-5	3	2-9	4	2-7	3.5	2-5	3	2-4	5	3-7	12	4-20	2	2-2	3	2-4	2	2-3	4	2-8	2	2-6	2	2-3	0	0-0
D	11	7-15	0	0-0	0	0-0	7	7-7	0	0-0	5	1-9	0	0-0	0	0-0	3	3-3	0	0-0	7	6-9	0	0-0	6	6-6	0	0-0
E	10	10-10	5	1-10	6.5	3-7	22	22-22	10	8-22	0	0-0	0	0-0	0	0-0	8.5	6-11	2	1-113	7.5	5-8.5	0	0-0	2	2-8	0	0-0
F	0	0-0	0	0-0	3	3-5	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	2	2-2	0	0-0	0	0-0	0	0-0	0	0-0
G	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	7	6-8	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0
H	0	0-0	1	1-1	0	0-0	0	0-0	2	2-7.5	0	0-0	0	0-0	0	0-0	0	0-0	23	23-23	0	0-0	0	0-0	2	2-2	0	0-0
K	0	0-0	0	0-0	9	9-9	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0
L	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	2	2-2	0	0-0	2	2-3	5	5-5	0	0-0	3	3-6	0	0-0	0	0-0	0	0-0
M	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	4	4-4	0	0-0	0	0-0	0	0-0	0	0-0
N	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	2	1-2	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0
O	0	0-0	0	0-0	3	2-4	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0
P	5	2-14	3	2-5	3	2-7	3	2-7	3	2-4	5	3-7	2	1-4	1.5	1-2	3	2-6	2.5	2-6	4	2-8	2	2-3	2	2-3	0	0-0
Q	0	0-0	0	0-0	0	0-0	0	0-0	3	3-3	0	0-0	0	0-0	2	2-2	1	1-1	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0
R	0	0-0	0	0-0	2	2-5	0	0-0	0	0-0	1	1-2	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0
T	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	2	2-2	0	0-0	0	0-0	0	0-0
U	0	0-0	0	0-0	3.5	2-5	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0
V	0	0-0	0	0-0	3	2-6	0	0-0	4	2-20	3	3-3	0	0-0	0	0-0	7.5	4-11	0	0-0	5	4-13	2.5	1.5-4.5	22.5	8-37	4.5	2.5-10
W	8.5	8-9	5	5-5	3	2-5	3	3-3	2	2-2	11	9-13	0	0-0	5	5-5	2	2-3	0	0-0	2.5	2-4	0	0-0	3	1.5-4.5	15	15-15
X	0	0-0	0	0-0	5	5-5	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	5	3-8	0	0-0	0	0-0	0	0-0
Y	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	2	2-2	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0	0	0-0

Table 41 Admissions by unit discharge status and age, 2005 - 2007

Unit discharge Status	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Alive	794	(46)	404	(24)	235	(14)	275	(16)	1,708	(94.8)
Dead	47	(51)	19	(20)	14	(15)	13	(14)	93	(5.2)
Total	841	(46.7)	423	(23.5)	249	(13.8)	288	(16.0)	1,801	

Table 42 Admissions by unit discharge status and age (<1), 2005 - 2007

Unit discharge Status	Age Group (Months)								Total	
	<1		1-2		3-5		6-11			
	n	%	n	%	n	%	n	%	n	%
Alive	239	(30)	193	(24)	178	(22)	184	(23)	794	(94.4)
Dead	26	(55)	8	(17)	6	(13)	7	(15)	47	(5.6)
Total	265	(31.5)	201	(23.9)	184	(21.9)	191	(22.7)	841	

Table 43 Admissions by unit discharge status and sex, 2005 - 2007

Unit discharge Status	Sex								Total	%
	Male		Female		Ambiguous		Unknown			
	n	%	n	%	n	%	n	%	n	%
Alive	957	(56)	751	(44)	0	(0)	0	(0)	1,708	(94.8)
Dead	55	(59)	38	(41)	0	(0)	0	(0)	93	(5.2)
Total	1,012	(56.2)	789	(43.8)	0	(0.0)	0	(0.0)	1,801	

Table 44 Admissions by unit discharge status and sex (age <1), 2005 - 2007

Unit discharge Status	Sex								Total	
	Male		Female		Ambiguous		Unknown			
	n	%	n	%	n	%	n	%	n	%
Alive	501	(63)	293	(37)	0	(0)	0	(0)	794	(94.4)
Dead	26	(55)	21	(45)	0	(0)	0	(0)	47	(5.6)
Total	527	(62.7)	314	(37.3)	0	(0.0)	0	(0.0)	841	

Table 45 Admissions by unit discharge status by NHS trust, 2005 - 2007

Year	NHS Trust	Unit Discharge Status						Total	
		Alive		Dead		Unknown			
		n	%	n	%	n	%	n	%
2005	C	244	(94)	15	(6)	0	(0)	259	(45.8)
	D	10	(91)	1	(9)	0	(0)	11	(1.9)
	E	16	(94)	1	(6)	0	(0)	17	(3.0)
	F	3	(100)	0	(0)	0	(0)	3	(0.5)
	G	2	(100)	0	(0)	0	(0)	2	(0.4)
	H	3	(100)	0	(0)	0	(0)	3	(0.5)
	K	1	(100)	0	(0)	0	(0)	1	(0.2)
	L	6	(86)	1	(14)	0	(0)	7	(1.2)
	M	1	(100)	0	(0)	0	(0)	1	(0.2)
	N	4	(100)	0	(0)	0	(0)	4	(0.7)
	P	105	(91)	11	(9)	0	(0)	116	(20.5)
	R	8	(100)	0	(0)	0	(0)	8	(1.4)
	V	16	(84)	3	(16)	0	(0)	19	(3.4)
	W	108	(95)	6	(5)	0	(0)	114	(20.1)
	X	1	(100)	0	(0)	0	(0)	1	(0.2)
	2005 Total	528	(93.3)	38	(6.7)	0	(0.0)	566	
2006	A	2	(100)	0	(0)	0	(0)	2	(0.3)
	C	279	(95)	14	(5)	0	(0)	293	(49.8)
	D	1	(50)	1	(50)	0	(0)	2	(0.3)
	E	4	(80)	1	(20)	0	(0)	5	(0.9)
	F	3	(100)	0	(0)	0	(0)	3	(0.5)
	H	2	(67)	1	(33)	0	(0)	3	(0.5)
	L	8	(100)	0	(0)	0	(0)	8	(1.4)
	N	1	(100)	0	(0)	0	(0)	1	(0.2)
	O	2	(100)	0	(0)	0	(0)	2	(0.3)
	P	121	(95)	7	(5)	0	(0)	128	(21.8)
	Q	1	(100)	0	(0)	0	(0)	1	(0.2)
	T	1	(100)	0	(0)	0	(0)	1	(0.2)
	U	1	(100)	0	(0)	0	(0)	1	(0.2)
	V	21	(91)	2	(9)	0	(0)	23	(3.9)
	W	110	(97)	3	(3)	0	(0)	113	(19.2)
	X	1	(100)	0	(0)	0	(0)	1	(0.2)
	Y	1	(100)	0	(0)	0	(0)	1	(0.2)
	2006 Total	559	(95.1)	29	(4.9)	0	(0.0)	588	
2007	C	298	(96)	12	(4)	0	(0)	310	(47.9)
	D	5	(83)	1	(17)	0	(0)	6	(0.9)
	E	7	(78)	2	(22)	0	(0)	9	(1.4)
	F	4	(100)	0	(0)	0	(0)	4	(0.6)
	H	1	(100)	0	(0)	0	(0)	1	(0.2)
	L	6	(100)	0	(0)	0	(0)	6	(0.9)
	P	141	(97)	4	(3)	0	(0)	145	(22.4)
	Q	2	(100)	0	(0)	0	(0)	2	(0.3)
	U	0	(0)	1	(100)	0	(0)	1	(0.2)
	V	28	(100)	0	(0)	0	(0)	28	(4.3)
	W	125	(95)	6	(5)	0	(0)	131	(20.2)
	X	4	(100)	0	(0)	0	(0)	4	(0.6)
	2007 Total	621	(96.0)	26	(4.0)	0	(0.0)	647	
	Grand Total	1,708	(94.8)	93	(5.2)	0	(0.0)	1,801	

Table 46 Admissions by unit discharge destination and age, 2005 - 2007

Discharge Destination	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Normal residence	4	(24)	4	(24)	0	(0)	9	(53)	17	(1.0)
Hospice	1	(20)	2	(40)	0	(0)	2	(40)	5	(0.3)
Same hospital	672	(45)	362	(24)	221	(15)	254	(17)	1,509	(88.3)
Other hospital	117	(66)	36	(20)	14	(8)	10	(6)	177	(10.4)
Total	794	(46.5)	404	(23.7)	235	(13.8)	275	(16.1)	1,708	

Table 47 Standardised mortality ratios Great Britain by trust, 2005

NHS Trust	Number of Admissions	Standardised Mortality Ratio					
		Unadjusted (95% CI)			Adjusted (95% CI)		
		SMR	Lower	Upper	SMR	Lower	Upper
A	425	0.47	0.23	0.86	0.61	0.29	1.10
B	235	0.09	0.00	0.47	0.14	0.00	0.76
C	274	1.18	0.68	1.88	0.76	0.44	1.21
D	597	1.35	0.97	1.82	0.92	0.66	1.23
E	1,546	1.44	1.19	1.72	1.04	0.86	1.24
F	1,132	0.93	0.70	1.21	0.67	0.51	0.88
G	50	3.63	1.73	6.35	0.98	0.46	1.70
H	350	1.33	0.85	1.96	1.25	0.80	1.85
I	871	1.11	0.83	1.46	1.02	0.75	1.34
J	97	0.21	0.01	1.13	0.40	0.01	2.17
K	906	0.85	0.60	1.15	0.76	0.54	1.03
L	292	0.76	0.38	1.34	0.80	0.40	1.40
M	357	0.51	0.23	0.96	0.45	0.21	0.85
N	297	1.02	0.58	1.65	0.83	0.47	1.35
O	616	0.49	0.28	0.80	0.72	0.40	1.17
P	1,034	1.41	1.11	1.75	1.34	1.06	1.67
Q	604	0.53	0.31	0.86	0.71	0.41	1.14
R	688	0.67	0.43	1.00	0.70	0.45	1.04
S	185	0.44	0.12	1.10	0.54	0.15	1.35
T	419	0.72	0.41	1.18	0.93	0.53	1.52
U	412	1.13	0.72	1.67	0.70	0.45	1.04
V	921	1.82	1.46	2.23	1.03	0.83	1.26
W	715	0.90	0.62	1.26	0.75	0.51	1.05
X	902	0.78	0.55	1.08	1.03	0.72	1.42
Y	426	0.47	0.23	0.86	0.47	0.22	0.85

Figure 47a PICU Standardised mortality ratios Great Britain by NHS trust with 99.9% control limits, 2005: unadjusted

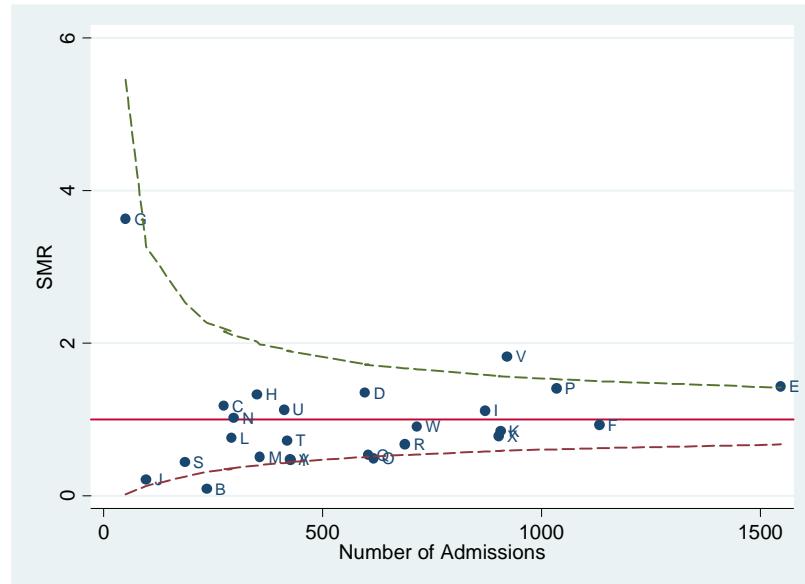


Figure 47b PICU Standardised mortality ratios Great Britain by NHS trust with 99.9% control limits, 2005: risk adjusted (PIM)

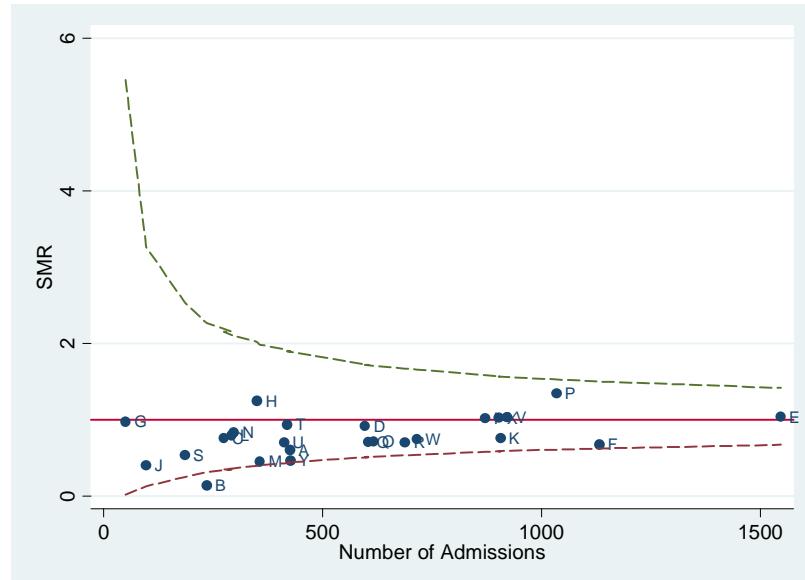


Table 48 Standardised mortality ratios Great Britain by trust, 2006

NHS Trust	Number of Admissions	Standardised Mortality Ratio						PIM2 Adjusted (95% CI)		
		Unadjusted (95% CI)			PIM Adjusted (95% CI)			PIM2 Adjusted (95% CI)		
		SMR	Lower	Upper	SMR	Lower	Upper	SMR	Lower	Upper
A	454	0.29	0.12	0.59	0.39	0.16	0.80	0.58	0.23	1.19
B	234	0.16	0.02	0.57	0.32	0.04	1.14	0.45	0.05	1.59
C	309	0.85	0.47	1.40	0.69	0.38	1.14	0.74	0.41	1.22
D	585	1.34	0.98	1.79	0.93	0.68	1.25	0.99	0.72	1.32
E	1,629	1.40	1.17	1.66	1.09	0.91	1.29	1.00	0.83	1.18
F	1,101	0.81	0.60	1.07	0.68	0.50	0.89	0.60	0.44	0.79
G	36	2.59	0.87	5.51	0.79	0.26	1.67	0.65	0.22	1.38
H	322	1.86	1.29	2.57	1.85	1.28	2.55	1.20	0.83	1.66
I	929	1.15	0.87	1.47	1.36	1.04	1.75	1.28	0.98	1.65
J	75	0.50	0.06	1.74	0.69	0.08	2.41	0.96	0.12	3.36
K	938	0.72	0.50	0.98	0.74	0.52	1.02	0.82	0.58	1.13
L	318	0.94	0.54	1.50	1.05	0.61	1.68	1.19	0.69	1.91
M	421	0.84	0.51	1.30	0.81	0.49	1.25	1.01	0.61	1.56
N	276	1.22	0.73	1.89	0.96	0.58	1.49	1.01	0.60	1.56
O	656	0.51	0.31	0.80	0.78	0.47	1.23	0.67	0.40	1.05
P	1,119	0.77	0.56	1.02	0.77	0.57	1.02	0.82	0.60	1.08
Q	527	0.78	0.49	1.17	0.94	0.59	1.41	1.15	0.73	1.72
R	692	0.84	0.57	1.18	0.74	0.51	1.05	0.71	0.49	1.00
S	190	0.69	0.28	1.39	0.84	0.34	1.69	1.24	0.50	2.50
T	450	0.66	0.38	1.07	0.84	0.49	1.36	1.24	0.71	1.99
U	369	1.42	0.95	2.01	0.81	0.55	1.16	0.88	0.59	1.26
V	1,064	1.63	1.33	1.98	0.97	0.79	1.17	0.93	0.75	1.12
W	659	1.25	0.91	1.65	0.94	0.69	1.25	0.81	0.60	1.08
X	896	0.79	0.56	1.08	1.14	0.81	1.56	1.13	0.80	1.53
Y	430	1.00	0.64	1.48	1.07	0.69	1.59	1.26	0.81	1.87

Figure 48a PICU Standardised mortality ratios Great Britain by NHS trust with 99.9% control limits, 2006: unadjusted

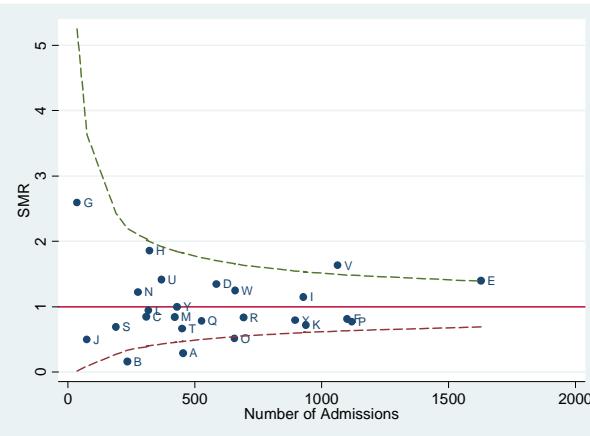


Figure 48b PICU Standardised mortality ratios Great Britain by NHS trust with 99.9% control limits, 2006: risk adjusted (PIM)

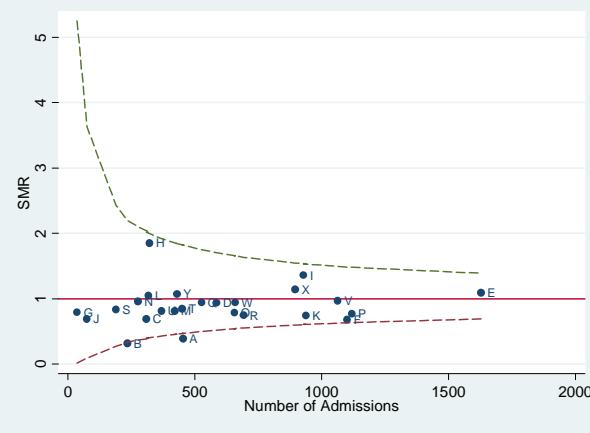


Figure 48c PICU Standardised mortality ratios Great Britain by NHS trust with 99.9% control limits, 2006: risk adjusted (PIM2)

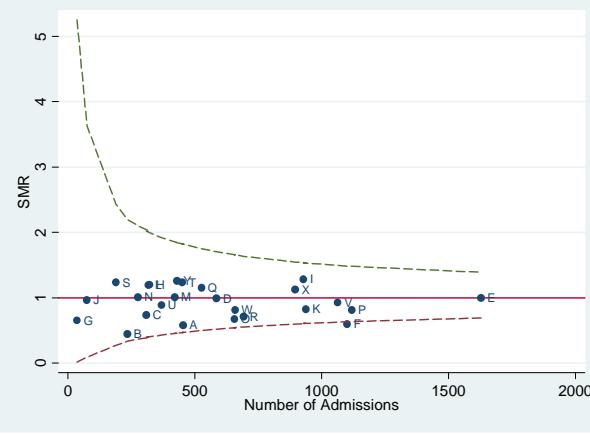


Table 49 Standardised mortality ratios Great Britain by trust, 2007

NHS Trust	Number of Admissions	Standardised Mortality Ratio						PIM2 Adjusted (95% CI)		
		Unadjusted (95% CI)			PIM Adjusted (95% CI)			PIM2 Adjusted (95% CI)		
		SMR	Lower	Upper	SMR	Lower	Upper	SMR	Lower	Upper
A	524	0.85	0.53	1.28	0.83	0.52	1.25	0.97	0.61	1.47
B	175	0.60	0.20	1.38	0.97	0.32	2.21	1.54	0.50	3.53
C	325	0.78	0.41	1.34	0.53	0.28	0.91	0.66	0.34	1.13
D	652	1.49	1.10	1.96	0.85	0.63	1.12	0.91	0.67	1.20
E	1,405	1.20	0.96	1.48	0.95	0.76	1.18	0.83	0.66	1.03
F	1,207	0.87	0.65	1.14	0.62	0.46	0.81	0.56	0.42	0.74
G	45	2.81	1.07	5.65	0.79	0.30	1.59	0.72	0.27	1.45
H	294	1.87	1.24	2.68	1.72	1.14	2.47	1.42	0.94	2.04
I	918	1.13	0.84	1.48	1.07	0.80	1.40	1.06	0.79	1.39
J	119	0.00	0.00	0.64	0.00	0.00	1.03	0.00	0.00	1.24
K	962	0.92	0.67	1.24	0.79	0.57	1.06	0.81	0.59	1.08
L	376	0.62	0.31	1.09	0.61	0.31	1.08	0.72	0.36	1.28
M	360	1.29	0.82	1.92	0.98	0.62	1.46	1.10	0.70	1.64
N	314	1.08	0.62	1.72	0.66	0.38	1.05	0.70	0.40	1.11
O	642	0.76	0.48	1.12	1.03	0.66	1.53	0.96	0.61	1.42
P	1,086	1.26	0.98	1.60	1.08	0.84	1.37	1.16	0.90	1.46
Q	623	0.88	0.58	1.28	1.06	0.70	1.54	1.41	0.93	2.05
R	757	0.84	0.57	1.18	0.76	0.51	1.07	0.81	0.55	1.14
S	194	0.76	0.31	1.54	0.98	0.40	1.98	1.21	0.49	2.44
T	401	0.47	0.22	0.89	0.44	0.20	0.82	0.70	0.32	1.32
U	368	1.38	0.89	2.02	0.68	0.44	1.00	0.66	0.43	0.97
V	1,158	1.37	1.08	1.70	0.80	0.63	0.99	0.75	0.59	0.93
W	698	1.24	0.90	1.66	0.95	0.69	1.28	0.82	0.59	1.10
X	746	0.96	0.67	1.33	1.04	0.73	1.45	1.00	0.70	1.38
Y	463	0.36	0.16	0.71	0.34	0.15	0.66	0.44	0.19	0.85
Z	364	0.29	0.09	0.67	0.49	0.16	1.14	0.72	0.23	1.67
ZA	630	0.54	0.31	0.86	0.54	0.31	0.87	0.58	0.34	0.94

Figure 49a PICU Standardised mortality ratios Great Britain by NHS trust with 99.9% control limits, 2007: unadjusted

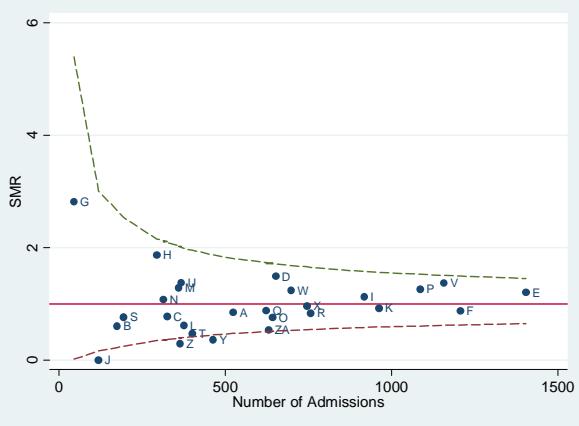


Figure 49b PICU Standardised mortality ratios Great Britain by NHS trust with 99.9% control limits, 2007: risk adjusted (PIM)

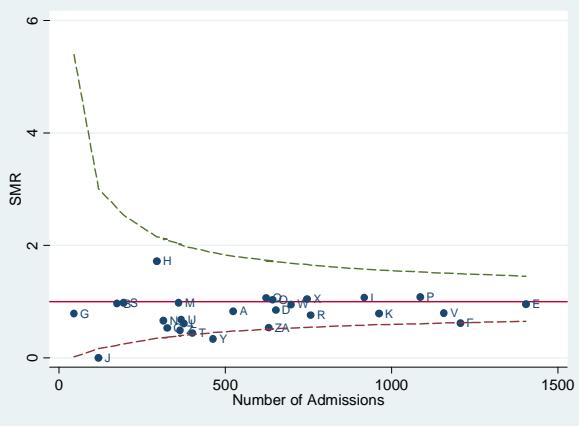


Figure 49c PICU Standardised mortality ratios Great Britain by NHS trust with 99.9% control limits, 2007: risk adjusted (PIM2)

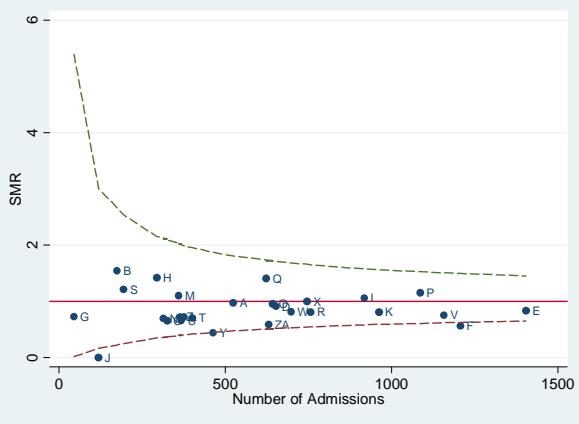


Table 50 Standardised mortality ratios Great Britain combined by trust, 2005 - 2007

NHS Trust	Number of Admissions	Standardised Mortality Ratio					
		Unadjusted (95% CI)			Adjusted (95% CI)		
		SMR	Lower	Upper	SMR	Lower	Upper
A	1,403	0.54	0.38	0.74	0.64	0.45	0.87
B	644	0.25	0.11	0.49	0.43	0.18	0.84
C	908	0.92	0.67	1.24	0.66	0.48	0.88
D	1,834	1.39	1.17	1.65	0.90	0.75	1.06
E	4,580	1.36	1.22	1.51	1.03	0.93	1.15
F	3,440	0.87	0.74	1.02	0.66	0.56	0.77
G	131	3.05	1.91	4.51	0.86	0.54	1.28
H	966	1.67	1.34	2.06	1.59	1.28	1.96
I	2,718	1.13	0.96	1.32	1.14	0.97	1.33
J	291	0.21	0.04	0.60	0.34	0.07	0.97
K	2,806	0.83	0.68	0.99	0.76	0.63	0.91
L	986	0.77	0.55	1.05	0.81	0.57	1.10
M	1,138	0.88	0.65	1.15	0.76	0.57	1.00
N	887	1.10	0.82	1.44	0.80	0.60	1.05
O	1,914	0.58	0.44	0.76	0.84	0.64	1.09
P	3,239	1.13	0.97	1.30	1.05	0.91	1.21
Q	1,754	0.73	0.56	0.93	0.91	0.70	1.15
R	2,137	0.78	0.63	0.97	0.74	0.59	0.91
S	569	0.63	0.38	0.99	0.78	0.47	1.23
T	1,270	0.63	0.45	0.85	0.72	0.52	0.97
U	1,149	1.30	1.03	1.62	0.73	0.58	0.91
V	3,143	1.59	1.41	1.79	0.93	0.82	1.04
W	2,072	1.13	0.94	1.34	0.88	0.73	1.05
X	2,544	0.84	0.69	1.01	1.07	0.88	1.29
Y	1,319	0.62	0.45	0.84	0.62	0.44	0.83
Z	364	0.27	0.09	0.63	0.49	0.16	1.14
ZA	630	0.51	0.29	0.82	0.54	0.31	0.87

Figure 50a PICU Standardised mortality ratios Great Britain by NHS trust with 99.9% control limits, 2005 - 2007 combined: unadjusted

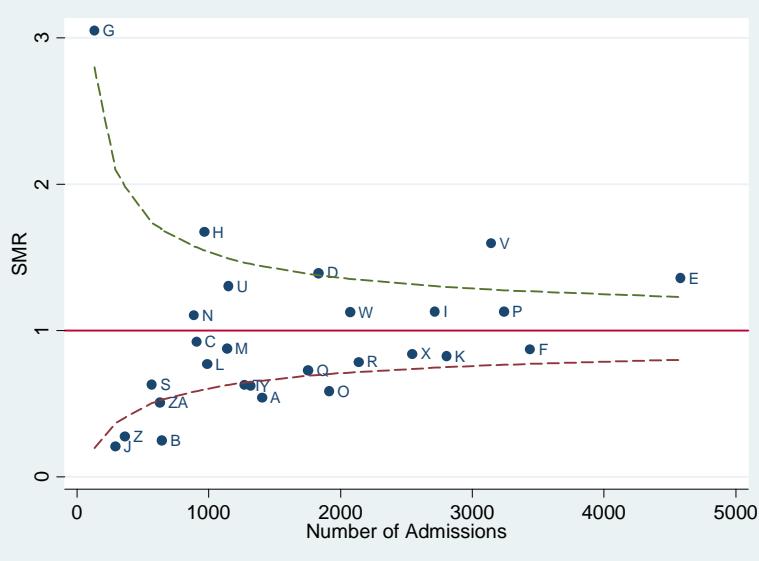


Figure 50b PICU Standardised mortality ratios Great Britain by NHS trust with 99.9% control limits, 2005 - 2007 combined: risk adjusted (PIM)

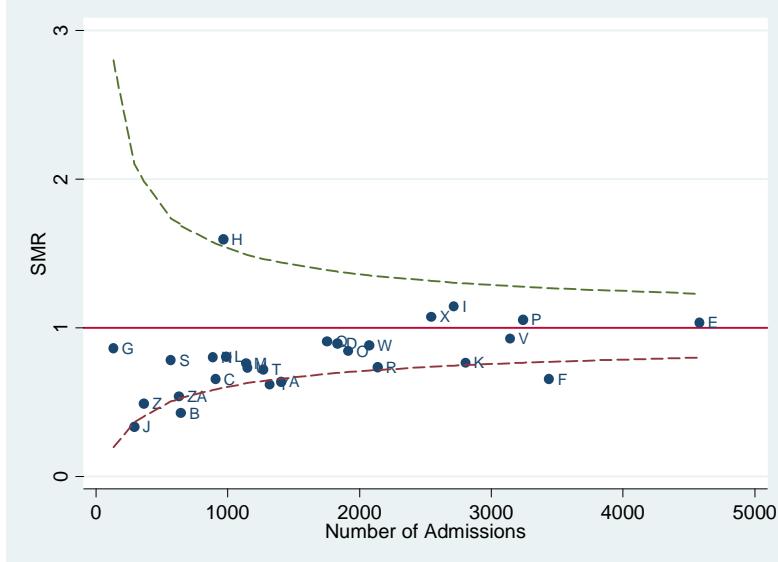


Table 51 Admissions by follow-up status and age, 2005 - 2007

Follow-Up Status	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Alive	510	(42)	304	(25)	179	(15)	220	(18)	1,213	(67.4)
Dead	13	(46)	8	(29)	5	(18)	2	(7)	28	(1.6)
Unknown	318	(57)	111	(20)	65	(12)	66	(12)	560	(31.1)
Total	841	(46.7)	423	(23.5)	249	(13.8)	288	(16.0)	1,801	

Table 52 Admissions by follow-up status and age (<1), 2005 - 2007

Follow-Up Status	Age Group (Months)								Total	
	<1		1-2		3-5		6-11			
	n	%	n	%	n	%	n	%	n	%
Alive	130	(25)	141	(28)	115	(23)	124	(24)	510	(60.6)
Dead	1	(8)	5	(38)	1	(8)	6	(46)	13	(1.5)
Unknown	134	(42)	55	(17)	68	(21)	61	(19)	318	(37.8)
Total	265	(31.5)	201	(23.9)	184	(21.9)	191	(22.7)	841	

Table 53 Admissions by follow-up status and sex, 2005 - 2007

Follow-Up Status	Sex								Total	%
	Male		Female		Ambiguous		Unknown			
	n	%	n	%	n	%	n	%	n	%
Alive	687	(57)	526	(43)	0	(0)	0	(0)	1,213	(67.4)
Dead	12	(43)	16	(57)	0	(0)	0	(0)	28	(1.6)
Unknown	313	(56)	247	(44)	0	(0)	0	(0)	560	(31.1)
Total	1,012	(56.2)	789	(43.8)	0	(0.0)	0	(0.0)	1,801	

Table 54 Admissions by follow-up status and sex (age<1), 2005 - 2007

Follow-Up Status	Sex								Total
	Male		Female		Ambiguous		Unknown		
n	%	n	%	n	%	n	%	n	%
Alive	326	(64)	184	(36)	0	(0)	0	(0)	510 (60.6)
Dead	7	(54)	6	(46)	0	(0)	0	(0)	13 (1.5)
Unknown	194	(61)	124	(39)	0	(0)	0	(0)	318 (37.8)
Total	527	(62.7)	314	(37.3)	0	(0.0)	0	(0.0)	841

Table 55 Admissions by follow-up status by NHS trust, 2005 - 2007

Year	NHS Trust	Follow-Up Status						Total	
		Alive		Dead		Unknown			
		n	%	n	%	n	%	n	%
2005	C	235	(91)	6	(2)	18	(7)	259	(45.8)
	D	10	(91)	0	(0)	1	(9)	11	(1.9)
	E	0	(0)	0	(0)	17	(100)	17	(3.0)
	F	0	(0)	0	(0)	3	(100)	3	(0.5)
	G	0	(0)	0	(0)	2	(100)	2	(0.4)
	H	0	(0)	0	(0)	3	(100)	3	(0.5)
	K	1	(100)	0	(0)	0	(0)	1	(0.2)
	L	4	(57)	0	(0)	3	(43)	7	(1.2)
	M	0	(0)	0	(0)	1	(100)	1	(0.2)
	N	0	(0)	0	(0)	4	(100)	4	(0.7)
	P	104	(90)	0	(0)	12	(10)	116	(20.5)
	R	8	(100)	0	(0)	0	(0)	8	(1.4)
	V	0	(0)	0	(0)	19	(100)	19	(3.4)
	W	0	(0)	0	(0)	114	(100)	114	(20.1)
	X	0	(0)	0	(0)	1	(100)	1	(0.2)
2005 Total		362	(64.0)	6	(1.1)	198	(35.0)	566	
2006	A	0	(0)	0	(0)	2	(100)	2	(0.3)
	C	271	(92)	6	(2)	16	(5)	293	(49.8)
	D	1	(50)	0	(0)	1	(50)	2	(0.3)
	E	0	(0)	0	(0)	5	(100)	5	(0.9)
	F	2	(67)	0	(0)	1	(33)	3	(0.5)
	H	0	(0)	0	(0)	3	(100)	3	(0.5)
	L	6	(75)	0	(0)	2	(25)	8	(1.4)
	N	1	(100)	0	(0)	0	(0)	1	(0.2)
	O	0	(0)	0	(0)	2	(100)	2	(0.3)
	P	119	(93)	1	(1)	8	(6)	128	(21.8)
	Q	1	(100)	0	(0)	0	(0)	1	(0.2)
	T	0	(0)	0	(0)	1	(100)	1	(0.2)
	U	0	(0)	0	(0)	1	(100)	1	(0.2)
	V	13	(57)	0	(0)	10	(43)	23	(3.9)
	W	0	(0)	0	(0)	113	(100)	113	(19.2)
	X	0	(0)	0	(0)	1	(100)	1	(0.2)
	Y	1	(100)	0	(0)	0	(0)	1	(0.2)
2006 Total		415	(70.6)	7	(1.2)	166	(28.2)	588	
2007	C	289	(93)	6	(2)	15	(5)	310	(47.9)
	D	5	(83)	0	(0)	1	(17)	6	(0.9)
	E	0	(0)	0	(0)	9	(100)	9	(1.4)
	F	1	(25)	0	(0)	3	(75)	4	(0.6)
	H	0	(0)	0	(0)	1	(100)	1	(0.2)
	L	5	(83)	0	(0)	1	(17)	6	(0.9)
	P	132	(91)	9	(6)	4	(3)	145	(22.4)
	Q	2	(100)	0	(0)	0	(0)	2	(0.3)
	U	0	(0)	0	(0)	1	(100)	1	(0.2)
	V	1	(4)	0	(0)	27	(96)	28	(4.3)
	W	0	(0)	0	(0)	131	(100)	131	(20.2)
	X	1	(25)	0	(0)	3	(75)	4	(0.6)
2007 Total		436	(67.4)	15	(2.3)	196	(30.3)	647	
Grand Total		1,213	(67.4)	28	(1.6)	560	(31.1)	1,801	

Table 56 Re-Admissions by NHS trust and source of previous admission, 2005 - 2007

NHS Trust	Source of Previous Admission						Total	
	Same NHS Trust		Other NHS Trust		No Previous Admission			
	n	%	n	%	n	%	n	%
A	0	(0)	0	(0)	2	(100)	2	(0.1)
C	144	(17)	31	(4)	687	(80)	862	(47.9)
D	2	(11)	2	(11)	15	(79)	19	(1.1)
E	4	(13)	4	(13)	23	(74)	31	(1.7)
F	2	(20)	3	(30)	5	(50)	10	(0.6)
G	1	(50)	0	(0)	1	(50)	2	(0.1)
H	0	(0)	0	(0)	7	(100)	7	(0.4)
K	0	(0)	1	(100)	0	(0)	1	-
L	7	(33)	0	(0)	14	(67)	21	(1.2)
M	0	(0)	0	(0)	1	(100)	1	-
N	4	(80)	0	(0)	1	(20)	5	(0.3)
O	1	(50)	0	(0)	1	(50)	2	(0.1)
P	115	(30)	1	(0)	273	(70)	389	(21.6)
Q	0	(0)	0	(0)	3	(100)	3	(0.2)
R	6	(75)	0	(0)	2	(25)	8	(0.4)
T	0	(0)	0	(0)	1	(100)	1	-
U	0	(0)	0	(0)	2	(100)	2	(0.1)
V	14	(20)	2	(3)	54	(77)	70	(3.9)
W	83	(23)	27	(8)	248	(69)	358	(19.9)
X	0	(0)	1	(17)	5	(83)	6	(0.3)
Y	0	(0)	0	(0)	1	(100)	1	-
Total	383	(21.3)	72	(4.0)	1,346	(74.7)	1,801	

Table 57 Number of admissions of individual children by their NHS trust of first admission, 2005 - 2007

NHS Trust	Number of Admissions														Total		
	1		2		3		4		5		6		7		8+		
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
A	2	(100)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
C	590	(83)	72	(10)	28	(4)	10	(1)	8	(1)	1	(0)	0	(0)	1	(0)	
D	13	(81)	2	(13)	0	(0)	0	(0)	1	(6)	0	(0)	0	(0)	0	(0)	
E	17	(71)	6	(25)	1	(4)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
F	5	(56)	0	(0)	1	(11)	1	(11)	2	(22)	0	(0)	0	(0)	0	(0)	
G	0	(0)	1	(100)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
H	6	(86)	0	(0)	1	(14)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
I	0	(0)	1	(100)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
L	10	(63)	4	(25)	0	(0)	0	(0)	0	(0)	2	(13)	0	(0)	0	(0)	
M	1	(100)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
N	0	(0)	0	(0)	0	(0)	0	(0)	1	(100)	0	(0)	0	(0)	0	(0)	
O	1	(50)	0	(0)	1	(50)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
P	223	(76)	42	(14)	12	(4)	4	(1)	5	(2)	4	(1)	1	(0)	1	(0)	
Q	3	(100)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
R	1	(50)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(50)	0	(0)	
T	1	(100)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
U	1	(50)	1	(50)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
V	43	(75)	10	(18)	3	(5)	0	(0)	1	(2)	0	(0)	0	(0)	0	(0)	
W	182	(68)	54	(20)	18	(7)	8	(3)	5	(2)	1	(0)	1	(0)	0	(0)	
X	5	(100)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
Y	1	(100)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	
Total	1,105	(77.7)	193	(13.6)	65	(4.6)	23	(1.6)	23	(1.6)	8	(0.6)	3	(0.2)	2	(0.1)	1,422

Table 58 Number of individual children by NHS trust and diagnostic group of first admission, 2005 - 2007

NHS Trust	Diagnostic Group															Total
	Blood / lymphatic n %	Body wall and cavities n %	Cardiovascular n %	Endocrine / metabolic n %	Gastrointestinal n %	Infection n %	Multisystem n %	Musculoskeletal n %	Neurological n %	Oncology n %	Respiratory n %	Trauma n %	Other n %	Missing n %		
A	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (50)	0 (0)	1 (50)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0.1)
C	9 (1)	6 (1)	20 (3)	23 (3)	21 (3)	87 (12)	2 (0)	99 (14)	103 (15)	37 (5)	201 (28)	54 (8)	48 (7)	0 (0)	0 (0)	710 (49.9)
D	1 (6)	0 (0)	1 (6)	1 (6)	0 (0)	4 (25)	0 (0)	0 (0)	0 (0)	0 (0)	8 (50)	0 (0)	1 (6)	0 (0)	0 (0)	16 (1.1)
E	1 (4)	2 (8)	9 (38)	0 (0)	2 (8)	0 (0)	0 (0)	0 (0)	2 (8)	2 (8)	3 (13)	0 (0)	3 (13)	0 (0)	0 (0)	24 (1.7)
F	0 (0)	0 (0)	7 (78)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (11)	1 (11)	0 (0)	0 (0)	0 (0)	9 (0.6)
G	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 -
H	0 (0)	1 (14)	0 (0)	0 (0)	4 (57)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (14)	0 (0)	0 (0)	1 (14)	0 (0)	7 (0.5)
I	0 (0)	0 (0)	1 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 -
L	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (6)	0 (0)	9 (56)	1 (6)	0 (0)	5 (31)	0 (0)	0 (0)	0 (0)	16 (1.1)
M	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (100)	0 (0)	0 (0)	0 (0)	0 (0)	1 -
N	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 -
O	0 (0)	0 (0)	0 (0)	2 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0.1)
P	3 (1)	19 (7)	97 (33)	5 (2)	13 (4)	16 (5)	1 (0)	5 (2)	35 (12)	15 (5)	56 (19)	21 (7)	6 (2)	0 (0)	292 (20.5)	
Q	0 (0)	0 (0)	0 (0)	0 (0)	1 (33)	0 (0)	0 (0)	1 (33)	1 (33)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (0.2)
R	0 (0)	0 (0)	0 (0)	2 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0.1)
T	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (100)	0 (0)	0 (0)	0 (0)	1 -
U	0 (0)	0 (0)	0 (0)	2 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0.1)
V	0 (0)	0 (0)	0 (0)	35 (61)	0 (0)	7 (12)	1 (2)	0 (0)	0 (0)	1 (2)	0 (0)	3 (5)	4 (7)	2 (4)	4 (7)	57 (4.0)
W	2 (1)	1 (0)	241 (90)	1 (0)	3 (1)	2 (1)	0 (0)	1 (0)	5 (2)	0 (0)	7 (3)	0 (0)	5 (2)	1 (0)	0 (0)	269 (18.9)
X	0 (0)	0 (0)	0 (0)	1 (20)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	4 (80)	0 (0)	0 (0)	0 (0)	0 (0)	5 (0.4)
Y	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 -
Total	16 (1.1)	29 (2.0)	418 (29.4)	30 (2.1)	51 (3.6)	112 (7.9)	5 (0.4)	115 (8.1)	150 (10.5)	56 (3.9)	290 (20.4)	79 (5.6)	66 (4.6)	5 (0.4)	1,422	

Table 59 Individual child admissions by diagnostic group and readmission status, 2005 - 2007

Diagnostic Group	Number of Admissions						Total	
	Single		Multiple (1 trust)		Multiple (2+ trusts)			
	n	%	n	%	n	%	n	%
Blood / lymphatic	13	(81)	2	(13)	1	(6)	16	(1.1)
Body wall and cavities	22	(76)	5	(17)	2	(7)	29	(2.0)
Cardiovascular	285	(68)	104	(25)	29	(7)	418	(29.4)
Endocrine / metabolic	26	(87)	3	(10)	1	(3)	30	(2.1)
Gastrointestinal	39	(76)	10	(20)	2	(4)	51	(3.6)
Infection	98	(88)	8	(7)	6	(5)	112	(7.9)
Missing	4	(80)	0	(0)	1	(20)	5	(0.4)
Multisystem	3	(60)	2	(40)	0	(0)	5	(0.4)
Musculoskeletal	99	(86)	16	(14)	0	(0)	115	(8.1)
Neurological	117	(78)	33	(22)	0	(0)	150	(10.5)
Oncology	43	(77)	12	(21)	1	(2)	56	(3.9)
Other	58	(88)	7	(11)	1	(2)	66	(4.6)
Respiratory	221	(76)	55	(19)	14	(5)	290	(20.4)
Trauma	77	(97)	2	(3)	0	(0)	79	(5.6)
Total	1,105	(77.7)	259	(18.2)	58	(4.1)	1,422	

Table 60 Age specific prevalence (per 100,000 per year) for admission to paediatric intensive care in Wales, 2005 - 2007

Sex	Age Group (Years)	Population (2001 Census)	Prevalence Rates								
			2005 (95% CI)			2006 (95% CI)			2007 (95% CI)		
Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper
Male	<1	16,222	1,017	863	1,172	1,017	863	1,172	1,214	1,046	1,383
	1-4	69,366	98	75	121	89	67	112	123	97	149
	5-10	115,143	36	25	47	39	28	51	41	29	53
	11-15	99,931	43	30	56	44	31	57	50	36	64
Total			586,487	97	89	104	100	92	108	110	102
											119

Table 61 Age-sex standardised prevalence (per 100,000 per year) for admissions to paediatric intensive care by LHB in Wales, 2005 - 2007

Country	LHB	Population (2001 Census)	Prevalence											
			2005 (95% CI)			2006 (95% CI)			2007 (95% CI)			2005 - 2007 (95% CI)		
			Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper
Wales	Anglesey	13,110	110	52	167	123	63	182	139	75	204	124	89	159
	Gwynedd	22,582	110	68	151	115	72	158	135	89	181	120	95	145
	Conwy	20,271	51	19	83	110	64	156	60	26	94	74	52	95
	Denbighshire	18,304	101	55	148	91	47	136	116	65	166	103	75	130
	Flintshire	30,437	118	80	157	114	77	152	154	111	198	129	106	152
	Wrexham	25,308	105	66	144	91	55	128	105	65	144	100	78	122
	Powys Teaching	24,495	77	41	112	59	28	90	87	49	125	74	54	94
	Ceredigion	12,584	56	15	98	50	13	87	78	30	126	61	37	86
	Pembrokeshire	23,334	86	49	124	73	39	108	73	38	108	78	57	96
	Carmarthenshire	33,543	79	48	109	90	58	122	87	55	118	85	67	103
	Swansea	42,458	86	58	113	78	52	105	82	55	109	82	66	98
	Neath Port Talbot	26,390	77	43	111	99	60	138	113	72	154	96	74	118
	Bridgend	26,370	48	22	74	107	68	146	134	91	178	97	75	118
	Vale of Glamorgan	25,489	113	71	154	151	103	199	97	58	136	120	96	145
	Cardiff	62,982	109	84	134	148	119	178	115	89	140	124	108	139
	Rhondda Cynon Taff Teaching	48,366	128	96	160	72	48	96	127	95	158	109	92	126
	Merthyr Tydfil	12,071	145	74	215	149	79	220	120	57	183	138	99	177
	Caerphilly Teaching	36,521	92	61	123	78	50	106	111	77	145	94	76	112
	Blaenau Gwent	14,819	158	91	224	111	55	166	196	121	270	155	116	193
	Torfaen	19,451	96	52	141	125	72	177	158	99	216	126	96	156
	Monmouthshire	16,750	51	16	86	88	42	134	94	46	142	78	53	103
	Newport	30,852	110	73	146	81	49	112	93	59	127	95	75	114
Total		586,487	97	89	104	100	92	108	110	102	119	102	98	107



www.picanet.org.uk
picanet@leeds.ac.uk

University of Leeds

Patricia McKinney
Roger Parslow
Thomas Fleming
Sarah Skinner

PICANet
Paediatric Epidemiology Group
Centre for Epidemiology &
Biostatistics
The Leeds Institute of Genetics,
Health and Therapeutics
University of Leeds
Worsley Building
Leeds LS2 9JT

r.c.parslow@leeds.ac.uk
0113 343 4856

University of Leicester

Elizabeth Draper
Caroline Lamming

PICANet
Department of Health Sciences
University of Leicester
22-28 Princess Road West
Leicester LE1 6TP

crl4@le.ac.uk
0116 252 5414

Pan Thames Co-ordinator

Krish Thiru

PICANet
Cardiorespiratory & Critical Care
Division
Room 8086, Level 8 – Nurses Home
Great Ormond Street Hospital for
Children
Great Ormond Street
London WC1N 3JH

thiruk1@gosh.nhs.uk
020 7762 6713

