



## Annual Report of the Paediatric Intensive Care Audit Network

January 2008—December 2010  
Tables and Figures



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## Key

- A** Cambridge University Hospitals NHS Foundation Trust
- B** Brighton & Sussex University Hospitals NHS Trust
- C** Cardiff & Vale University Health Board
- 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
    - In 2010 the General and Royal Victoria children's units merged to form the Great North Children's Hospital
- L** University Hospital of North Staffordshire NHS Trust
- M** Queens Medical Centre Nottingham University Hospitals NHS Trust
- N** Oxford Radcliffe Hospitals NHS Trust
- O** Royal Brompton & Harefield NHS Foundation 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** Imperial College Healthcare NHS Trust (SMH)
- V** Birmingham Children's Hospital NHS Trust
- W** University Hospitals Bristol NHS Foundation 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** Belfast Health and Social Care Trust
- ZC,D** HSE (Health Services Executive), Ireland
  - ZC** Our Lady's Hospital for Sick Children, Dublin
  - ZD** The Children's University Hospital, Dublin
- ZE** The Harley Street Clinic (non-NHS)

version 1.2. This replaces all previous versions (14/11/11)

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## Description of tables and figures

A brief description of the data contained in the tables and figures is given before each section.

The data in these are all downloadable for use by individuals and organisations but please acknowledge the source of this data as indicated at the bottom of the key to Trusts. In some cases, individual figures are not described separately, as they clearly relate to the data in the tables on the same worksheet.

The PICANet dataset is dynamic and updated regularly. This means that overall admission figures have changed for 2008 and 2009 since the publication of the seventh national report. The data in this report are those supplied to PICANet up to May 31<sup>st</sup>, 2010 when the dataset was finally frozen.

## Dataset definitions for this report

- 1) This report covers the three year period January 2008 - December 2010.
- 2) There are 29 participating NHS trusts and governing bodies (located in England, Wales, Scotland, Northern Ireland and Eire), 27 of whom collected data for the entire reporting period. Belfast Health and Social Care Trust contributed data from April 2008. Data from Health Services Executive, Eire is included in this year's report for 2010 only. The Harley Street Clinic, a non-NHS PICU, started submitting data in September 2010. Throughout these tables "NHS Trust" includes other Governing bodies such as Health Boards.
- 3) Trusts are identified in this report, with agreement from all participating trusts' Chief Executives.
- 4) A key enabling identification of each trust can be found on the inside cover of the main report and at the beginning of this spreadsheet.
- 5) The main focus of this report are admissions aged 0-15 years of which there were a total of 52,337 over the three year period. In addition there were 1297 admissions aged 16 years and above.
- 6) Unless stated otherwise, the proportions in tables throughout the report are row percentages, except in the total column where they are column percentages.
- 7) 'Unknown' includes cases where the unit have specifically recorded 'not known' and also cases where a required value has been left blank
- 8) **Errata** This spreadsheet corrects errors identified in previous versions. These affect data for Trust W for 2010 in Tables 29-31 and staffing tables S4,5 and 7. PICANet apologises for these errors.

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## Admission data

### *Admission numbers by age, sex, month and year of admission, NHS trust and diagnostic group*

Tables 1 – 9 give numbers of admissions by age, sex, month of admission, NHS trust and diagnostic group. The primary diagnosis for the whole 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). Within these mutually exclusive thirteen groups:

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)). Table 8 and figure 8 focus on admissions for respiratory conditions by year and month.

### *Admissions by Strategic Health Authority (SHA) / Health Board (HB)*

Table 10 gives numbers of admissions by SHA / HB. These were obtained by linking the validated home address of children admitted to PICU to SHA / HB via the National Statistics Postcode Directory (NSPD) (<http://www.statistics.gov.uk/geography/nspd.asp>). These tables present column percentages. Of the total number of admissions 96.5% had addresses which were validated. The remaining 3.5% included foreign addresses (1.3%) and missing addresses (2.2%). Figure 10 shows the SHA / HB boundaries overlaid by the primary care structure. Note that numbers of admissions from Ireland are separate to other non-UK addresses, although some Irish admissions may be classed as missing due to the anonymisation process for personal data. Although data from Irish PICUs is only presented for 2010, admissions in 2008 and 2009 represent Irish children admitted to UK PICUs.

### *Admissions by mortality risk category*

Table 11 gives numbers of admissions by mortality risk group by NHS trust. The expected probability of mortality was estimated using the recalibrated Paediatric Index of Mortality 2r (PIM2r). The categorization into <1%, 1-<5%, 5%-<15%, 15-<30% and 30% plus expected probability of mortality reflects those used by the Australian and New Zealand Intensive Care Society (ANZPICS)2 for comparability.

### *Admissions by admission type*

Tables 12 – 15 present numbers by admission type overall and by trust and year and a breakdown of the source of admission and care area admitted from by trust and year for emergency admissions (see below).

We have used the following definitions for type of admission:

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).

NB: 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'.

### *Admissions by primary diagnostic group*

Tables 16 – 22 present a breakdown of admissions by diagnostic group, overall, by trust and year and further by trust and year for each of the admission types listed above.

Tables 23 – 25 present the twenty most common Read Codes returned to PICANet for primary reason for admissions overall (these represent 18,063 (35%) of all admissions) and for unplanned admissions (after surgery and 'other') by sex without any attempt to group them further.

PICANet has not imposed an arbitrary grouping of codes but present the raw data for the top 20 codes. The level of precision in the coding method makes interpretation of these data difficult without some form of aggregation. However, PICANet has allowed the flexibility to code very specifically to enable prospective audit to focus on particular conditions; for example, respiratory syncytial virus (RSV) positive bronchiolitis. Some units have chosen to code diagnoses in more detail to allow them to use this information locally, others have coded a single diagnosis at a general level. For most reporting purposes, the broad diagnostic groups used in this report are sufficient. Further disaggregation is not always possible due to the variation in coding practice between individual units.

### *References*

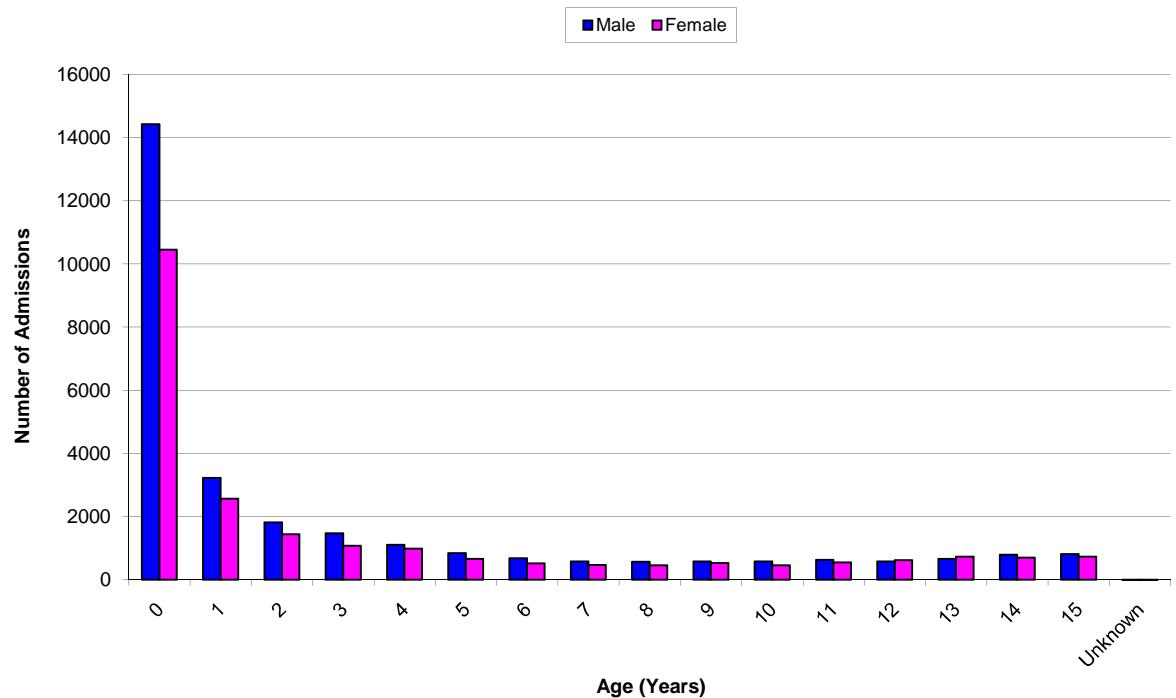
1) Shann F, Slater A, Pearson G. PIM 2: a revised version of the Paediatric Index of mortality. *Intensive Care Med* 2003; 29:278-285.

2) Australian and New Zealand Intensive Care Society. Report of the Australian and New Zealand Paediatric Intensive Care Registry 2007. ISBN: 1 876980 69 9 [Online] [Accessed 19/06/2009] Available from the World Wide Web at <http://www.anzics.com.au/uploads/2007ANZPICRAnnualReport.pdf>

**Table 1 Admissions by age and sex, 2008 - 2010**

Age (Years)	Sex								Total	
	Male		Female		Ambiguous		Unknown			
	n	%	n	%	n	%	n	%	n	%
0	14,421	(58)	10,445	(42)	13	(0)	13	(0)	24,892	(47.6)
1	3,227	(56)	2,561	(44)	0	(0)	2	(0)	5,790	(11.1)
2	1,816	(56)	1,442	(44)	1	(0)	5	(0)	3,264	(6.2)
3	1,472	(58)	1,074	(42)	2	(0)	0	(0)	2,548	(4.9)
4	1,106	(53)	988	(47)	0	(0)	2	(0)	2,096	(4.0)
5	843	(56)	661	(44)	0	(0)	1	(0)	1,505	(2.9)
6	680	(56)	522	(43)	0	(0)	2	(0)	1,204	(2.3)
7	579	(55)	470	(45)	0	(0)	1	(0)	1,050	(2.0)
8	565	(56)	452	(44)	0	(0)	1	(0)	1,018	(1.9)
9	582	(53)	524	(47)	0	(0)	1	(0)	1,107	(2.1)
10	581	(56)	460	(44)	0	(0)	1	(0)	1,042	(2.0)
11	627	(53)	553	(47)	2	(0)	2	(0)	1,184	(2.3)
12	583	(48)	624	(52)	0	(0)	0	(0)	1,207	(2.3)
13	659	(47)	729	(52)	0	(0)	1	(0)	1,389	(2.7)
14	793	(53)	702	(47)	1	(0)	1	(0)	1,497	(2.9)
15	811	(53)	727	(47)	0	(0)	2	(0)	1,540	(2.9)
Unknown	2	(50)	1	(25)	0	(0)	1	(25)	4	-
Total	29,347	(56.1)	22,935	(43.8)	19	(0.0)	36	(0.1)	52,337	

**Figure 1 Admissions by age and sex, 2008 - 2010**



**Table 2 Admissions by age (<1) and sex, 2008 - 2010**

Age (Months)	Sex						Total	
	Male		Female		Ambiguous			
	n	%	n	%	n	%	n	%
<b>0</b>	5,077	(59)	3,505	(41)	6	(0)	1	(0)
1	2,081	(59)	1,423	(41)	2	(0)	0	(0)
2	1,349	(56)	1,048	(44)	0	(0)	1	(0)
3	1,172	(58)	837	(42)	1	(0)	2	(0)
4	905	(57)	693	(43)	0	(0)	1	(0)
5	748	(56)	577	(43)	0	(0)	2	(0)
6	689	(56)	544	(44)	2	(0)	2	(0)
7	562	(56)	443	(44)	2	(0)	2	(0)
8	498	(57)	373	(43)	0	(0)	1	(0)
9	480	(56)	373	(44)	0	(0)	1	(0)
10	467	(59)	330	(41)	0	(0)	0	(0)
11	393	(57)	299	(43)	0	(0)	0	(0)
<b>Total</b>	<b>14,421</b>	<b>(57.9)</b>	<b>10,445</b>	<b>(42.0)</b>	<b>13</b>	<b>(0.1)</b>	<b>13</b>	<b>(0.1)</b>
							<b>24,892</b>	

**Figure 2 Admissions by age (<1) and sex, 2008 - 2010**

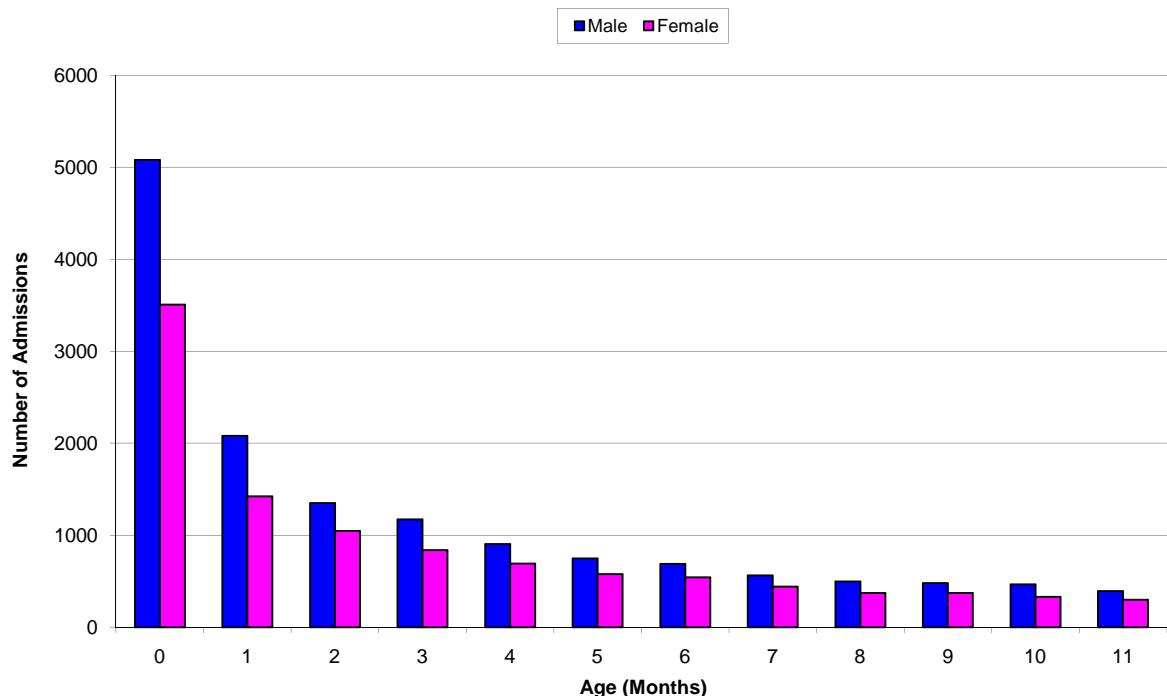


Table 3 Admissions by age by NHS trust, 2008 - 2010

Admission year	NHS Trust	Age Group (Years)						Total			
		<1		1-4		5-10		11-15			
		n	%	n	%	n	%	n	%	n	%
<b>2008</b>	<b>A</b>	131	(28)	154	(33)	86	(18)	99	(21)	<b>470</b>	(2.9)
	<b>B</b>	83	(29)	83	(29)	44	(15)	75	(26)	<b>285</b>	(1.7)
	<b>C</b>	119	(39)	76	(25)	44	(14)	68	(22)	<b>307</b>	(1.9)
	<b>D</b>	272	(41)	193	(29)	93	(14)	98	(15)	<b>656</b>	(4.0)
	<b>E1</b>	533	(60)	187	(21)	85	(10)	87	(10)	<b>892</b>	(5.5)
	<b>E2</b>	379	(57)	151	(23)	76	(11)	64	(10)	<b>670</b>	(4.1)
	<b>F</b>	650	(56)	270	(23)	104	(9)	132	(11)	<b>1,156</b>	(7.1)
	<b>G</b>	14	(44)	4	(13)	5	(16)	9	(28)	<b>32</b>	(0.2)
	<b>H</b>	114	(29)	135	(34)	82	(21)	61	(16)	<b>392</b>	(2.4)
	<b>I</b>	377	(46)	207	(25)	125	(15)	118	(14)	<b>827</b>	(5.1)
	<b>J</b>	61	(47)	29	(22)	21	(16)	18	(14)	<b>129</b>	(0.8)
	<b>K</b>	499	(54)	203	(22)	115	(12)	105	(11)	<b>922</b>	(5.7)
	<b>L</b>	127	(40)	76	(24)	49	(15)	67	(21)	<b>319</b>	(2.0)
	<b>M</b>	91	(25)	120	(33)	69	(19)	83	(23)	<b>363</b>	(2.2)
	<b>N</b>	155	(52)	89	(30)	25	(8)	31	(10)	<b>300</b>	(1.8)
	<b>O</b>	387	(63)	132	(22)	49	(8)	42	(7)	<b>610</b>	(3.7)
	<b>P</b>	536	(48)	308	(28)	124	(11)	144	(13)	<b>1,112</b>	(6.8)
	<b>Q</b>	257	(45)	152	(27)	80	(14)	82	(14)	<b>571</b>	(3.5)
	<b>R</b>	346	(51)	150	(22)	91	(13)	97	(14)	<b>684</b>	(4.2)
	<b>S</b>	51	(26)	52	(27)	34	(17)	59	(30)	<b>196</b>	(1.2)
	<b>T</b>	146	(31)	159	(33)	89	(19)	81	(17)	<b>475</b>	(2.9)
	<b>U</b>	121	(40)	106	(35)	48	(16)	26	(9)	<b>301</b>	(1.8)
	<b>V</b>	595	(54)	269	(24)	140	(13)	98	(9)	<b>1,102</b>	(6.8)
	<b>W</b>	344	(47)	207	(28)	104	(14)	76	(10)	<b>731</b>	(4.5)
	<b>X</b>	415	(55)	179	(24)	92	(12)	73	(10)	<b>759</b>	(4.7)
	<b>Y</b>	148	(33)	111	(25)	66	(15)	128	(28)	<b>453</b>	(2.8)
	<b>Z</b>	129	(33)	118	(30)	82	(21)	64	(16)	<b>393</b>	(2.4)
	<b>ZA</b>	406	(44)	262	(28)	155	(17)	101	(11)	<b>924</b>	(5.7)
	<b>ZB</b>	147	(57)	52	(20)	38	(15)	20	(8)	<b>257</b>	(1.6)
<b>2008 Total</b>		<b>7,633</b>	(46.9)	<b>4,234</b>	(26.0)	<b>2,215</b>	(13.6)	<b>2,206</b>	(13.5)	<b>16,288</b>	
<b>2009</b>	<b>A</b>	187	(35)	126	(24)	106	(20)	108	(20)	<b>527</b>	(3.1)
	<b>B</b>	160	(35)	139	(30)	80	(18)	77	(17)	<b>456</b>	(2.7)
	<b>C</b>	143	(42)	86	(25)	38	(11)	76	(22)	<b>343</b>	(2.0)
	<b>D</b>	262	(37)	200	(28)	114	(16)	129	(18)	<b>705</b>	(4.1)
	<b>E1</b>	564	(59)	202	(21)	97	(10)	91	(10)	<b>954</b>	(5.6)
	<b>E2</b>	372	(56)	157	(24)	74	(11)	65	(10)	<b>668</b>	(3.9)
	<b>F</b>	628	(55)	261	(23)	116	(10)	146	(13)	<b>1,151</b>	(6.7)
	<b>G</b>	10	(31)	11	(34)	2	(6)	9	(28)	<b>32</b>	(0.2)
	<b>H</b>	155	(27)	195	(34)	104	(18)	118	(21)	<b>572</b>	(3.3)
	<b>I</b>	368	(45)	218	(27)	122	(15)	104	(13)	<b>812</b>	(4.7)
	<b>J</b>	59	(50)	28	(24)	16	(14)	14	(12)	<b>117</b>	(0.7)
	<b>K</b>	458	(52)	212	(24)	98	(11)	109	(12)	<b>877</b>	(5.1)
	<b>L</b>	101	(33)	87	(29)	57	(19)	60	(20)	<b>305</b>	(1.8)
	<b>M</b>	146	(42)	85	(25)	58	(17)	57	(16)	<b>346</b>	(2.0)
	<b>N</b>	167	(48)	93	(27)	41	(12)	44	(13)	<b>345</b>	(2.0)
	<b>O</b>	427	(62)	156	(23)	58	(8)	52	(8)	<b>693</b>	(4.0)
	<b>P</b>	619	(56)	272	(25)	118	(11)	94	(9)	<b>1,103</b>	(6.4)
	<b>Q</b>	218	(49)	115	(26)	49	(11)	62	(14)	<b>444</b>	(2.6)
	<b>R</b>	364	(49)	187	(25)	85	(11)	104	(14)	<b>740</b>	(4.3)
	<b>S</b>	55	(32)	49	(29)	34	(20)	33	(19)	<b>171</b>	(1.0)
	<b>T</b>	140	(28)	159	(32)	98	(20)	97	(20)	<b>494</b>	(2.9)
	<b>U</b>	123	(37)	100	(30)	59	(18)	53	(16)	<b>335</b>	(2.0)
	<b>V</b>	690	(53)	331	(25)	176	(13)	117	(9)	<b>1,314</b>	(7.7)
	<b>W</b>	333	(53)	157	(25)	81	(13)	52	(8)	<b>623</b>	(3.6)
	<b>X</b>	443	(55)	204	(25)	81	(10)	74	(9)	<b>802</b>	(4.7)
	<b>Y</b>	127	(32)	79	(20)	70	(17)	125	(31)	<b>401</b>	(2.3)
	<b>Z</b>	155	(39)	99	(25)	79	(20)	64	(16)	<b>397</b>	(2.3)
	<b>ZA</b>	377	(40)	306	(33)	153	(16)	103	(11)	<b>939</b>	(5.5)
	<b>ZB</b>	237	(50)	113	(24)	78	(16)	50	(10)	<b>478</b>	(2.8)
<b>2009 Total</b>		<b>8,088</b>	(47.2)	<b>4,427</b>	(25.8)	<b>2,342</b>	(13.7)	<b>2,287</b>	(13.3)	<b>17,144</b>	
<b>2010</b>	<b>A</b>	180	(30)	189	(32)	92	(15)	133	(22)	<b>594</b>	(3.1)
	<b>B</b>	156	(35)	163	(36)	67	(15)	61	(14)	<b>447</b>	(2.4)
	<b>C</b>	86	(33)	87	(33)	35	(13)	52	(20)	<b>260</b>	(1.4)
	<b>D</b>	253	(36)	227	(33)	111	(16)	107	(15)	<b>698</b>	(3.7)
	<b>E1</b>	509	(55)	222	(24)	109	(12)	92	(10)	<b>932</b>	(4.9)
	<b>E2</b>	410	(55)	190	(26)	90	(12)	54	(7)	<b>744</b>	(3.9)
	<b>F</b>	654	(56)	309	(26)	99	(8)	107	(9)	<b>1,169</b>	(6.2)
	<b>G</b>	24	(63)	7	(18)	2	(5)	5	(13)	<b>38</b>	(0.2)
	<b>H</b>	174	(29)	177	(30)	99	(17)	145	(24)	<b>595</b>	(3.1)
	<b>I</b>	354	(46)	212	(28)	108	(14)	95	(12)	<b>769</b>	(4.1)
	<b>J</b>	33	(43)	22	(29)	15	(19)	7	(9)	<b>77</b>	(0.4)
	<b>K</b>	554	(58)	220	(23)	85	(9)	90	(9)	<b>949</b>	(5.0)
	<b>L</b>	109	(34)	109	(34)	53	(17)	50	(16)	<b>321</b>	(1.7)
	<b>M</b>	122	(34)	112	(31)	54	(15)	71	(20)	<b>359</b>	(1.9)
	<b>N</b>	124	(50)	59	(24)	38	(15)	27	(11)	<b>248</b>	(1.3)
	<b>O</b>	461	(62)	169	(23)	65	(9)	50	(7)	<b>745</b>	(3.9)
	<b>P</b>	668	(58)	263	(23)	122	(11)	91	(8)	<b>1,148</b>	(6.1)
	<b>Q</b>	255	(49)	121	(23)	67	(13)	76	(15)	<b>519</b>	(2.7)
	<b>R</b>	484	(54)	186	(21)	104	(12)	119	(13)	<b>893</b>	(4.7)
	<b>S</b>	71	(35)	63	(31)	19	(9)	51	(25)	<b>204</b>	(1.1)
	<b>T</b>	136	(29)	176	(37)	64	(14)	98	(21)	<b>474</b>	(2.5)
	<b>U</b>	135	(41)	105	(32)	53	(16)	33	(10)	<b>326</b>	(1.7)
	<b>V</b>	692	(55)	291	(23)	171	(14)	108	(9)	<b>1,262</b>	(6.7)
	<b>W</b>	337	(50)	175	(26)	82	(12)	76	(11)	<b>670</b>	(3.5)
	<b>X</b>	421	(59)	170	(24)	60	(8)	65	(9)	<b>716</b>	(3.8)
	<b>Y</b>	122	(29)	121	(28)	52	(12)	130	(31)	<b>425</b>	(2.2)
	<b>Z</b>	155	(41)	92	(25)	75	(20)	52	(14)	<b>374</b>	(2.0)
	<b>ZA</b>	396	(43)	280	(30)	150	(16)	96	(10)	<b>922</b>	(4.9)
	<b>ZB</b>	201	(45)	121	(27)	64	(14)	57	(13)	<b>443</b>	(2.3)
	<b>ZC</b>	594	(60)	227	(23)	94	(10)	73	(7)	<b>988</b>	(5.2)
	<b>ZD</b>	245	(51)	140	(29)	56	(12)	43	(9)	<b>484</b>	(2.6)
	<b>ZE</b>	56	(50)	32	(29)	14	(13)	10	(9)	<b>112</b>	(0.6)
<b>2010 Total</b>		<b>9,171</b>	(48.5)	<b>5,037</b>	(26.6)	<b>2,369</b>	(12.5)	<b>2,324</b>	(12.3)	<b>18,905</b>	
<b>Grand Total</b>		<b>24,892</b>	(47.6)	<b>13,698</b>	(26.2)	<b>6,926</b>	(13.2)	<b>6,817</b>	(13.0)	<b>52,337</b>	

Note that some rows do not add up because of missing dates of birth

Table 4 Admissions by age (&lt;1) by NHS trust, 2008 - 2010

Admission year	NHS Trust	Age Group (Months)						Total		
		<1		1-2		3-5		6-11		
		n	%	n	%	n	%	n	%	n
2008	A	31	(24)	39	(30)	28	(21)	33	(25)	131 (1.7)
	B	28	(34)	18	(22)	18	(22)	19	(23)	83 (1.1)
	C	26	(22)	40	(34)	23	(19)	30	(25)	119 (1.6)
	D	69	(25)	64	(24)	65	(24)	74	(27)	272 (3.6)
	E1	244	(46)	143	(27)	70	(13)	76	(14)	533 (7.0)
	E2	131	(35)	61	(16)	89	(23)	98	(26)	379 (5.0)
	F	281	(43)	136	(21)	108	(17)	125	(19)	650 (8.5)
	G	5	(36)	3	(21)	1	(7)	5	(36)	14 (0.2)
	H	28	(25)	24	(21)	23	(20)	39	(34)	114 (1.5)
	I	133	(35)	95	(25)	72	(19)	77	(20)	377 (4.9)
	J	13	(21)	17	(28)	17	(28)	14	(23)	61 (0.8)
	K	203	(41)	123	(25)	84	(17)	89	(18)	499 (6.5)
	L	24	(19)	42	(33)	22	(17)	39	(31)	127 (1.7)
	M	17	(19)	33	(36)	17	(19)	24	(26)	91 (1.2)
	N	48	(31)	30	(19)	41	(26)	36	(23)	155 (2.0)
	O	159	(41)	68	(18)	69	(18)	91	(24)	387 (5.1)
	P	198	(37)	141	(26)	98	(18)	99	(18)	536 (7.0)
	Q	98	(38)	71	(28)	47	(18)	41	(16)	257 (3.4)
	R	140	(40)	80	(23)	68	(20)	58	(17)	346 (4.5)
	S	10	(20)	20	(39)	10	(20)	11	(22)	51 (0.7)
	T	30	(21)	37	(25)	44	(30)	35	(24)	146 (1.9)
	U	31	(26)	36	(30)	28	(23)	26	(21)	121 (1.6)
	V	233	(39)	123	(21)	141	(24)	98	(16)	595 (7.8)
	W	102	(30)	93	(27)	64	(19)	85	(25)	344 (4.5)
	X	193	(47)	92	(22)	58	(14)	72	(17)	415 (5.4)
	Y	58	(39)	47	(32)	20	(14)	23	(16)	148 (1.9)
	Z	28	(22)	42	(33)	29	(22)	30	(23)	129 (1.7)
	ZA	94	(23)	93	(23)	89	(22)	130	(32)	406 (5.3)
	ZB	54	(37)	38	(26)	32	(22)	23	(16)	147 (1.9)
	2008 Total	2,709	(35.5)	1,849	(24.2)	1,475	(19.3)	1,600	(21.0)	7,633
2009	A	41	(22)	49	(26)	48	(26)	49	(26)	187 (2.3)
	B	41	(26)	36	(23)	45	(28)	38	(24)	160 (2.0)
	C	28	(20)	51	(36)	24	(17)	40	(28)	143 (1.8)
	D	59	(23)	63	(24)	61	(23)	79	(30)	262 (3.2)
	E1	229	(41)	151	(27)	88	(16)	96	(17)	564 (7.0)
	E2	132	(35)	67	(18)	89	(24)	84	(23)	372 (4.6)
	F	244	(39)	134	(21)	122	(19)	128	(20)	628 (7.8)
	G	1	(10)	2	(20)	1	(10)	6	(60)	10 (0.1)
	H	32	(21)	36	(23)	33	(21)	54	(35)	155 (1.9)
	I	107	(29)	108	(29)	69	(19)	84	(23)	368 (4.5)
	J	9	(15)	15	(25)	17	(29)	18	(31)	59 (0.7)
	K	166	(36)	91	(20)	99	(22)	102	(22)	458 (5.7)
	L	24	(24)	36	(36)	21	(21)	20	(20)	101 (1.2)
	M	35	(24)	31	(21)	31	(21)	49	(34)	146 (1.8)
	N	49	(29)	40	(24)	37	(22)	41	(25)	167 (2.1)
	O	175	(41)	79	(19)	81	(19)	92	(22)	427 (5.3)
	P	243	(39)	151	(24)	109	(18)	116	(19)	619 (7.7)
	Q	109	(50)	45	(21)	31	(14)	33	(15)	218 (2.7)
	R	156	(43)	87	(24)	62	(17)	59	(16)	364 (4.5)
	S	12	(22)	26	(47)	6	(11)	11	(20)	55 (0.7)
	T	27	(19)	31	(22)	33	(24)	49	(35)	140 (1.7)
	U	15	(12)	36	(29)	25	(20)	47	(38)	123 (1.5)
	V	254	(37)	179	(26)	132	(19)	125	(18)	690 (8.5)
	W	106	(32)	82	(25)	65	(20)	80	(24)	333 (4.1)
	X	178	(40)	103	(23)	75	(17)	87	(20)	443 (5.5)
	Y	44	(35)	38	(30)	13	(10)	32	(25)	127 (1.6)
	Z	34	(22)	40	(26)	39	(25)	42	(27)	155 (1.9)
	ZA	81	(21)	73	(19)	101	(27)	122	(32)	377 (4.7)
	ZB	94	(40)	57	(24)	40	(17)	46	(19)	237 (2.9)
	2009 Total	2,725	(33.7)	1,937	(23.9)	1,597	(19.7)	1,829	(22.6)	8,088
2010	A	40	(22)	47	(26)	39	(22)	54	(30)	180 (2.0)
	B	47	(30)	29	(19)	33	(21)	47	(30)	156 (1.7)
	C	11	(13)	34	(40)	15	(17)	26	(30)	86 (0.9)
	D	69	(27)	73	(29)	47	(19)	64	(25)	253 (2.8)
	E1	203	(40)	133	(26)	89	(17)	84	(17)	509 (5.6)
	E2	160	(39)	63	(15)	78	(19)	109	(27)	410 (4.5)
	F	256	(39)	148	(23)	118	(18)	132	(20)	654 (7.1)
	G	4	(17)	8	(33)	5	(21)	7	(29)	24 (0.3)
	H	39	(22)	24	(14)	52	(30)	59	(34)	174 (1.9)
	I	104	(29)	81	(23)	80	(23)	89	(25)	354 (3.9)
	J	3	(9)	5	(15)	9	(27)	16	(48)	33 (0.4)
	K	208	(38)	120	(22)	128	(23)	98	(18)	554 (6.0)
	L	21	(19)	42	(39)	26	(24)	20	(18)	109 (1.2)
	M	30	(25)	39	(32)	27	(22)	26	(21)	122 (1.3)
	N	44	(35)	24	(19)	33	(27)	23	(19)	124 (1.4)
	O	180	(39)	78	(17)	115	(25)	88	(19)	461 (5.0)
	P	278	(42)	168	(25)	119	(18)	103	(15)	668 (7.3)
	Q	96	(38)	63	(25)	32	(13)	64	(25)	255 (2.8)
	R	207	(43)	102	(21)	102	(21)	73	(15)	484 (5.3)
	S	11	(15)	28	(39)	15	(21)	17	(24)	71 (0.8)
	T	31	(23)	34	(25)	30	(22)	41	(30)	136 (1.5)
	U	19	(14)	48	(36)	29	(21)	39	(29)	135 (1.5)
	V	251	(36)	158	(23)	138	(20)	145	(21)	692 (7.5)
	W	100	(30)	83	(25)	87	(26)	67	(20)	337 (3.7)
	X	162	(38)	81	(19)	76	(18)	102	(24)	421 (4.6)
	Y	39	(32)	40	(33)	19	(16)	24	(20)	122 (1.3)
	Z	40	(26)	47	(30)	31	(20)	37	(24)	155 (1.7)
	ZA	73	(18)	101	(26)	94	(24)	128	(32)	396 (4.3)
	ZB	73	(36)	46	(23)	34	(17)	48	(24)	201 (2.2)
	ZC	249	(42)	114	(19)	104	(18)	127	(21)	594 (6.5)
	ZD	101	(41)	48	(20)	41	(17)	55	(22)	245 (2.7)
	ZE	6	(11)	8	(14)	22	(39)	20	(36)	56 (0.6)
	2010 Total	3,155	(34.4)	2,117	(23.1)	1,867	(20.4)	2,032	(22.2)	9,171
	Grand Total	8,589	(34.5)	5,904	(23.7)	4,938	(19.8)	5,461	(21.9)	24,892

Table 5 Admissions by age (16+) by NHS trust, 2008 - 2010

Admission year	NHS Trust	Age Group (Years)								Total n	Total %
		16		17-20		21-25		26+			
		n	%	n	%	n	%	n	%		
2008	A	6	(86)	1	(14)	0	(0)	0	(0)	7	(1.6)
	B	3	(75)	1	(25)	0	(0)	0	(0)	4	(0.9)
	C	2	(100)	0	(0)	0	(0)	0	(0)	2	(0.5)
	D	10	(63)	6	(38)	0	(0)	0	(0)	16	(3.7)
	E1	8	(73)	3	(27)	0	(0)	0	(0)	11	(2.6)
	E2	11	(73)	4	(27)	0	(0)	0	(0)	15	(3.5)
	F	14	(70)	6	(30)	0	(0)	0	(0)	20	(4.7)
	H	4	(36)	7	(64)	0	(0)	0	(0)	11	(2.6)
	I	6	(75)	2	(25)	0	(0)	0	(0)	8	(1.9)
	J	1	(50)	1	(50)	0	(0)	0	(0)	2	(0.5)
	K	12	(48)	9	(36)	2	(8)	2	(8)	25	(5.8)
	L	14	(41)	20	(59)	0	(0)	0	(0)	34	(7.9)
	M	12	(40)	18	(60)	0	(0)	0	(0)	30	(7.0)
	N	2	(67)	1	(33)	0	(0)	0	(0)	3	(0.7)
	P	19	(51)	18	(49)	0	(0)	0	(0)	37	(8.6)
	Q	13	(59)	8	(36)	1	(5)	0	(0)	22	(5.1)
	R	21	(54)	18	(46)	0	(0)	0	(0)	39	(9.1)
	S	5	(83)	1	(17)	0	(0)	0	(0)	6	(1.4)
	T	6	(40)	9	(60)	0	(0)	0	(0)	15	(3.5)
	U	5	(100)	0	(0)	0	(0)	0	(0)	5	(1.2)
	V	8	(62)	5	(38)	0	(0)	0	(0)	13	(3.0)
	W	14	(78)	4	(22)	0	(0)	0	(0)	18	(4.2)
	X	9	(38)	14	(58)	0	(0)	1	(4)	24	(5.6)
	Y	11	(37)	19	(63)	0	(0)	0	(0)	30	(7.0)
	Z	7	(88)	0	(0)	1	(13)	0	(0)	8	(1.9)
	ZA	14	(61)	9	(39)	0	(0)	0	(0)	23	(5.4)
	ZB	1	(100)	0	(0)	0	(0)	0	(0)	1	(0.2)
2008 Total		238	(55.5)	184	(42.9)	4	(0.9)	3	(0.7)	429	
2009	A	5	(83)	1	(17)	0	(0)	0	(0)	6	(1.4)
	B	17	(63)	10	(37)	0	(0)	0	(0)	27	(6.2)
	C	1	(100)	0	(0)	0	(0)	0	(0)	1	(0.2)
	D	19	(70)	8	(30)	0	(0)	0	(0)	27	(6.2)
	E1	11	(65)	6	(35)	0	(0)	0	(0)	17	(3.9)
	E2	11	(79)	3	(21)	0	(0)	0	(0)	14	(3.2)
	F	8	(50)	7	(44)	1	(6)	0	(0)	16	(3.7)
	H	6	(100)	0	(0)	0	(0)	0	(0)	6	(1.4)
	I	10	(77)	3	(23)	0	(0)	0	(0)	13	(3.0)
	J	1	(100)	0	(0)	0	(0)	0	(0)	1	(0.2)
	K	7	(50)	4	(29)	1	(7)	2	(14)	14	(3.2)
	L	17	(52)	15	(45)	0	(0)	1	(3)	33	(7.6)
	M	14	(58)	10	(42)	0	(0)	0	(0)	24	(5.5)
	N	2	(67)	1	(33)	0	(0)	0	(0)	3	(0.7)
	O	0	(0)	2	(100)	0	(0)	0	(0)	2	(0.5)
	P	5	(25)	15	(75)	0	(0)	0	(0)	20	(4.6)
	Q	7	(41)	10	(59)	0	(0)	0	(0)	17	(3.9)
	R	21	(54)	17	(44)	1	(3)	0	(0)	39	(9.0)
	S	2	(100)	0	(0)	0	(0)	0	(0)	2	(0.5)
	T	13	(81)	3	(19)	0	(0)	0	(0)	16	(3.7)
	U	1	(50)	1	(50)	0	(0)	0	(0)	2	(0.5)
	V	11	(44)	14	(56)	0	(0)	0	(0)	25	(5.7)
	W	8	(80)	2	(20)	0	(0)	0	(0)	10	(2.3)
	X	11	(55)	9	(45)	0	(0)	0	(0)	20	(4.6)
	Y	27	(59)	19	(41)	0	(0)	0	(0)	46	(10.6)
	Z	2	(50)	2	(50)	0	(0)	0	(0)	4	(0.9)
	ZA	14	(67)	7	(33)	0	(0)	0	(0)	21	(4.8)
	ZB	2	(22)	6	(67)	1	(11)	0	(0)	9	(2.1)
2009 Total		253	(58.2)	175	(40.2)	4	(0.9)	3	(0.7)	435	
2010	A	5	(100)	0	(0)	0	(0)	0	(0)	5	(1.2)
	B	18	(49)	19	(51)	0	(0)	0	(0)	37	(8.5)
	C	2	(67)	1	(33)	0	(0)	0	(0)	3	(0.7)
	D	16	(67)	8	(33)	0	(0)	0	(0)	24	(5.5)
	E1	9	(53)	8	(47)	0	(0)	0	(0)	17	(3.9)
	E2	15	(63)	9	(38)	0	(0)	0	(0)	24	(5.5)
	F	14	(45)	15	(48)	2	(6)	0	(0)	31	(7.2)
	G	0	(0)	2	(100)	0	(0)	0	(0)	2	(0.5)
	H	7	(58)	5	(42)	0	(0)	0	(0)	12	(2.8)
	I	3	(100)	0	(0)	0	(0)	0	(0)	3	(0.7)
	J	0	(0)	1	(100)	0	(0)	0	(0)	1	(0.2)
	K	13	(62)	7	(33)	1	(5)	0	(0)	21	(4.8)
	L	7	(44)	9	(56)	0	(0)	0	(0)	16	(3.7)
	M	9	(56)	7	(44)	0	(0)	0	(0)	16	(3.7)
	N	1	(100)	0	(0)	0	(0)	0	(0)	1	(0.2)
	O	1	(100)	0	(0)	0	(0)	0	(0)	1	(0.2)
	P	12	(50)	11	(46)	1	(4)	0	(0)	24	(5.5)
	Q	2	(40)	3	(60)	0	(0)	0	(0)	5	(1.2)
	R	24	(67)	12	(33)	0	(0)	0	(0)	36	(8.3)
	S	8	(100)	0	(0)	0	(0)	0	(0)	8	(1.8)
	T	15	(79)	4	(21)	0	(0)	0	(0)	19	(4.4)
	U	5	(63)	3	(38)	0	(0)	0	(0)	8	(1.8)
	V	10	(59)	7	(41)	0	(0)	0	(0)	17	(3.9)
	W	3	(75)	1	(25)	0	(0)	0	(0)	4	(0.9)
	X	4	(33)	8	(67)	0	(0)	0	(0)	12	(2.8)
	Y	26	(53)	23	(47)	0	(0)	0	(0)	49	(11.3)
	Z	1	(100)	0	(0)	0	(0)	0	(0)	1	(0.2)
	ZA	9	(90)	1	(10)	0	(0)	0	(0)	10	(2.3)
	ZB	6	(86)	1	(14)	0	(0)	0	(0)	7	(1.6)
	ZC	5	(83)	1	(17)	0	(0)	0	(0)	6	(1.4)
	ZD	4	(80)	1	(20)	0	(0)	0	(0)	5	(1.2)
	ZE	3	(38)	5	(63)	0	(0)	0	(0)	8	(1.8)
2010 Total		257	(59.4)	172	(39.7)	4	(0.9)	0	(0.0)	433	
Grand Total		748	(57.7)	531	(40.9)	12	(0.9)	6	(0.5)	1,297	

**Table 6 Admissions by month and age, 2008 - 2010**

Admission year	Month	Age Group (Years)								Total	
		<1		1-4		5-10		11-15			
		n	%	n	%	n	%	n	%	n	%
2008	1	704	(49)	369	(26)	185	(13)	186	(13)	1,444	(8.9)
	2	541	(44)	312	(25)	196	(16)	189	(15)	1,238	(7.6)
	3	599	(45)	352	(26)	193	(14)	191	(14)	1,335	(8.2)
	4	558	(42)	369	(28)	190	(14)	198	(15)	1,315	(8.1)
	5	600	(45)	355	(27)	200	(15)	180	(13)	1,335	(8.2)
	6	568	(44)	347	(27)	208	(16)	175	(13)	1,298	(8.0)
	7	618	(46)	350	(26)	174	(13)	196	(15)	1,338	(8.2)
	8	603	(47)	335	(26)	174	(13)	177	(14)	1,289	(7.9)
	9	579	(45)	335	(26)	182	(14)	198	(15)	1,294	(7.9)
	10	693	(47)	384	(26)	183	(13)	204	(14)	1,464	(9.0)
	11	764	(53)	355	(25)	174	(12)	152	(11)	1,445	(8.9)
	12	806	(54)	371	(25)	156	(10)	160	(11)	1,493	(9.2)
2008 Total		7,633	(46.9)	4,234	(26.0)	2,215	(13.6)	2,206	(13.5)	16,288	
2009	1	727	(50)	373	(26)	181	(12)	181	(12)	1,462	(8.5)
	2	624	(49)	338	(26)	159	(12)	159	(12)	1,280	(7.5)
	3	689	(47)	373	(25)	202	(14)	212	(14)	1,476	(8.6)
	4	634	(48)	357	(27)	156	(12)	181	(14)	1,328	(7.7)
	5	627	(46)	368	(27)	199	(15)	174	(13)	1,368	(8.0)
	6	609	(43)	390	(27)	207	(15)	218	(15)	1,424	(8.3)
	7	612	(45)	374	(27)	183	(13)	202	(15)	1,371	(8.0)
	8	544	(43)	326	(26)	188	(15)	198	(16)	1,256	(7.3)
	9	695	(47)	346	(24)	206	(14)	223	(15)	1,470	(8.6)
	10	624	(42)	413	(28)	240	(16)	198	(13)	1,475	(8.6)
	11	760	(49)	396	(25)	219	(14)	191	(12)	1,566	(9.1)
	12	943	(57)	373	(22)	202	(12)	150	(9)	1,668	(9.7)
2009 Total		8,088	(47.2)	4,427	(25.8)	2,342	(13.7)	2,287	(13.3)	17,144	
2010	1	867	(53)	398	(24)	186	(11)	183	(11)	1,634	(8.6)
	2	685	(48)	403	(28)	158	(11)	177	(12)	1,424	(7.5)
	3	783	(47)	471	(28)	200	(12)	203	(12)	1,657	(8.8)
	4	763	(49)	439	(28)	186	(12)	164	(11)	1,552	(8.2)
	5	723	(48)	380	(25)	191	(13)	214	(14)	1,508	(8.0)
	6	673	(43)	477	(31)	207	(13)	193	(12)	1,551	(8.2)
	7	741	(49)	381	(25)	194	(13)	204	(13)	1,520	(8.0)
	8	648	(46)	358	(26)	203	(15)	188	(13)	1,398	(7.4)
	9	707	(46)	405	(26)	203	(13)	215	(14)	1,531	(8.1)
	10	715	(45)	433	(27)	203	(13)	229	(14)	1,580	(8.4)
	11	852	(49)	462	(27)	224	(13)	185	(11)	1,723	(9.1)
	12	1,014	(56)	430	(24)	214	(12)	169	(9)	1,827	(9.7)
2010 Total		9,171	(48.5)	5,037	(26.6)	2,369	(12.5)	2,324	(12.3)	18,905	
Grand Total		24,892	(47.6)	13,698	(26.2)	6,926	(13.2)	6,817	(13.0)	52,337	

**Figure 6 Admissions by month and age, 2008 - 2010**

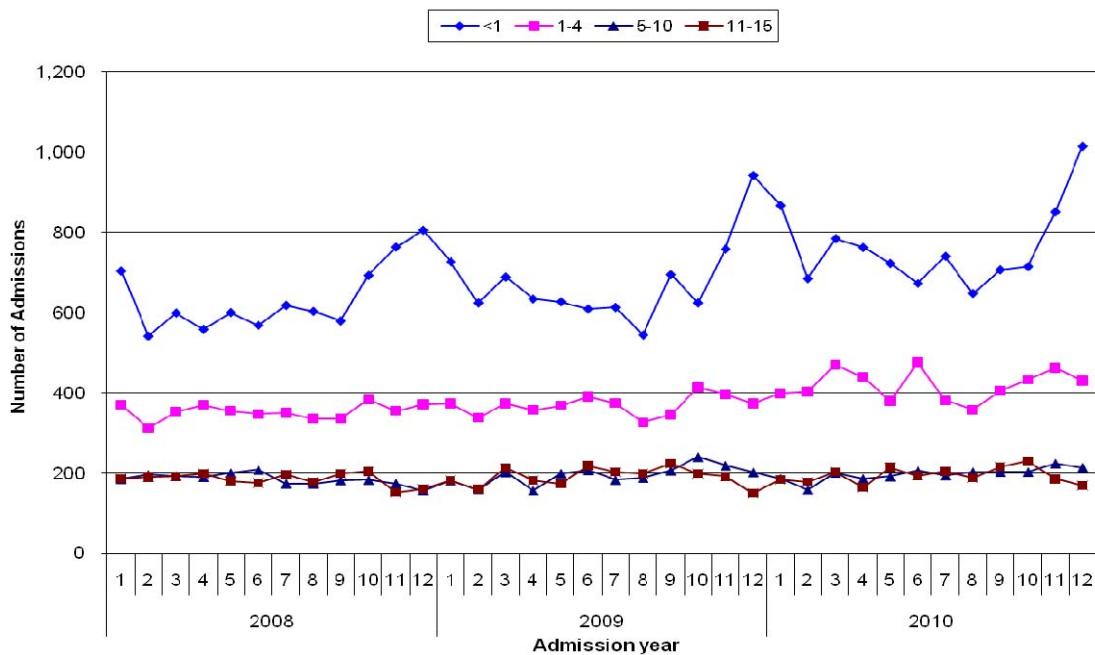
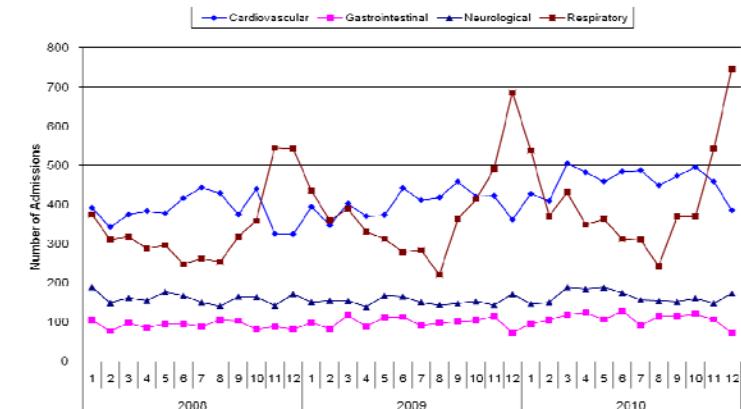


Table 7 Admissions by month and primary diagnostic group, 2008 - 2010

Admission year	Month	Diagnostic Group														Total n (%)
		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 (%)	Other n (%)	Respiratory n (%)	Trauma n (%)	Unknown n (%)	
2008	1	16 (1)	20 (1)	391 (27)	39 (3)	104 (7)	112 (8)	4 (0)	41 (3)	189 (13)	51 (4)	70 (5)	374 (26)	26 (2)	7 (0)	1,444 (8.9)
	2	8 (1)	23 (2)	342 (28)	37 (3)	77 (6)	75 (6)	5 (0)	50 (4)	149 (12)	49 (4)	66 (5)	311 (25)	40 (3)	6 (0)	1,238 (7.6)
	3	19 (1)	26 (2)	374 (28)	28 (2)	97 (7)	73 (5)	4 (0)	49 (4)	162 (12)	56 (4)	75 (6)	318 (24)	43 (3)	11 (1)	1,335 (8.2)
	4	17 (1)	34 (3)	383 (29)	33 (3)	86 (7)	86 (7)	6 (0)	61 (5)	155 (12)	47 (4)	67 (5)	288 (22)	44 (3)	8 (1)	1,315 (8.1)
	5	13 (1)	22 (2)	377 (28)	37 (3)	95 (7)	82 (6)	2 (0)	45 (3)	177 (13)	51 (4)	81 (6)	296 (22)	53 (4)	4 (0)	1,335 (8.2)
	6	24 (2)	16 (1)	416 (32)	30 (2)	95 (7)	67 (5)	5 (0)	54 (4)	167 (13)	46 (4)	72 (6)	247 (19)	54 (4)	5 (0)	1,298 (8.0)
	7	21 (2)	30 (2)	443 (33)	39 (3)	89 (7)	68 (5)	1 (0)	56 (4)	150 (11)	47 (4)	80 (6)	261 (20)	50 (4)	3 (0)	1,338 (8.2)
	8	17 (1)	23 (2)	429 (33)	32 (2)	105 (8)	62 (5)	5 (0)	54 (4)	141 (11)	43 (3)	69 (5)	253 (20)	51 (4)	5 (0)	1,289 (7.9)
	9	19 (1)	28 (2)	374 (29)	32 (2)	103 (8)	47 (4)	1 (0)	49 (4)	165 (13)	43 (3)	67 (5)	318 (25)	41 (3)	7 (1)	1,294 (7.9)
	10	18 (1)	38 (3)	440 (30)	40 (3)	82 (6)	84 (6)	2 (0)	62 (4)	164 (11)	49 (3)	77 (5)	358 (24)	46 (3)	4 (0)	1,464 (9.0)
	11	14 (1)	26 (2)	325 (22)	33 (2)	89 (6)	85 (6)	5 (0)	40 (3)	142 (10)	37 (3)	61 (4)	545 (38)	37 (3)	6 (0)	1,445 (8.9)
	12	20 (1)	34 (2)	324 (22)	26 (2)	81 (5)	129 (9)	1 (0)	29 (2)	172 (12)	54 (4)	44 (3)	543 (36)	26 (2)	10 (1)	1,493 (9.2)
2008 Total		206 (1.3)	320 (2.0)	4,618 (28.4)	406 (2.5)	1,103 (6.8)	970 (6.0)	41 (0.3)	590 (3.6)	1,933 (11.9)	573 (3.5)	829 (5.1)	4,112 (25.2)	511 (3.1)	76 (0.5)	16,288
2009	1	12 (1)	27 (2)	394 (27)	32 (2)	99 (7)	120 (8)	4 (0)	54 (4)	151 (10)	39 (3)	62 (4)	435 (30)	28 (2)	5 (0)	1,462 (8.5)
	2	11 (1)	37 (3)	347 (27)	24 (2)	83 (6)	92 (7)	5 (0)	50 (4)	155 (12)	34 (3)	59 (5)	359 (28)	21 (2)	3 (0)	1,280 (7.5)
	3	13 (1)	26 (2)	402 (27)	45 (3)	117 (8)	83 (6)	4 (0)	54 (4)	154 (10)	48 (3)	82 (6)	389 (26)	45 (3)	14 (1)	1,476 (8.6)
	4	15 (1)	32 (2)	370 (28)	27 (2)	88 (7)	87 (7)	3 (0)	57 (4)	139 (10)	58 (4)	69 (5)	331 (25)	45 (3)	7 (1)	1,328 (7.7)
	5	19 (1)	37 (3)	373 (27)	41 (3)	112 (8)	65 (5)	2 (0)	52 (4)	167 (12)	45 (3)	78 (6)	312 (23)	45 (3)	20 (1)	1,368 (8.0)
	6	20 (1)	40 (3)	442 (31)	32 (2)	113 (8)	69 (5)	2 (0)	61 (4)	165 (12)	56 (4)	63 (4)	279 (20)	64 (4)	18 (1)	1,424 (8.3)
	7	12 (1)	39 (3)	411 (30)	31 (2)	91 (7)	78 (6)	2 (0)	60 (4)	152 (11)	57 (4)	75 (5)	284 (21)	57 (4)	22 (2)	1,371 (8.0)
	8	16 (1)	27 (2)	418 (33)	30 (2)	97 (8)	65 (5)	3 (0)	66 (5)	144 (11)	55 (4)	60 (5)	221 (18)	51 (4)	3 (0)	1,256 (7.3)
	9	14 (1)	43 (3)	459 (31)	41 (3)	101 (7)	58 (4)	8 (1)	62 (4)	147 (10)	50 (3)	72 (5)	363 (25)	42 (3)	10 (1)	1,470 (8.6)
	10	11 (1)	30 (2)	420 (28)	42 (3)	104 (7)	86 (6)	0 (0)	38 (3)	154 (10)	53 (4)	74 (5)	414 (28)	40 (3)	9 (1)	1,475 (8.6)
	11	15 (1)	29 (2)	422 (27)	40 (3)	114 (7)	104 (7)	4 (0)	40 (3)	144 (9)	44 (3)	66 (4)	490 (31)	28 (2)	26 (2)	1,566 (9.1)
	12	13 (1)	21 (1)	361 (22)	39 (2)	73 (4)	137 (8)	3 (0)	30 (2)	171 (10)	41 (2)	41 (2)	686 (41)	31 (2)	21 (1)	1,668 (9.7)
2009 Total		171 (1.0)	388 (2.3)	4,819 (28.1)	424 (2.5)	1,192 (7.0)	1,044 (6.1)	40 (0.2)	624 (3.6)	1,843 (10.8)	580 (3.4)	801 (4.7)	4,563 (26.6)	497 (2.9)	158 (0.9)	17,144
2010	1	9 (1)	27 (2)	427 (26)	43 (3)	95 (6)	118 (7)	9 (1)	58 (4)	146 (9)	52 (3)	68 (4)	537 (33)	30 (2)	15 (1)	1,634 (8.6)
	2	18 (1)	30 (2)	409 (29)	36 (3)	105 (7)	86 (6)	4 (0)	56 (4)	150 (11)	46 (3)	71 (5)	370 (26)	31 (2)	12 (1)	1,424 (7.5)
	3	9 (1)	33 (2)	505 (30)	37 (2)	118 (7)	89 (5)	3 (0)	71 (4)	189 (11)	56 (3)	62 (4)	432 (26)	40 (2)	13 (1)	1,657 (8.8)
	4	11 (1)	21 (1)	482 (31)	34 (2)	124 (8)	70 (5)	9 (1)	57 (4)	184 (12)	59 (4)	88 (6)	348 (22)	50 (3)	15 (1)	1,552 (8.2)
	5	11 (1)	31 (2)	459 (30)	40 (3)	106 (7)	79 (5)	6 (0)	50 (3)	188 (12)	49 (3)	74 (5)	362 (24)	39 (3)	14 (1)	1,508 (8.0)
	6	13 (1)	39 (3)	484 (31)	32 (2)	128 (8)	75 (5)	3 (0)	54 (3)	174 (11)	70 (5)	86 (6)	312 (20)	56 (4)	25 (2)	1,551 (8.2)
	7	11 (1)	37 (2)	487 (32)	44 (3)	91 (6)	79 (5)	9 (1)	59 (4)	156 (10)	55 (4)	104 (7)	310 (20)	57 (4)	21 (1)	1,520 (8.0)
	8	15 (1)	26 (2)	449 (32)	42 (3)	114 (8)	72 (5)	7 (1)	48 (3)	154 (11)	48 (3)	82 (6)	242 (17)	65 (5)	34 (2)	1,398 (7.4)
	9	11 (1)	42 (3)	473 (31)	38 (2)	114 (7)	52 (3)	3 (0)	60 (4)	152 (10)	54 (4)	78 (5)	370 (24)	37 (2)	47 (3)	1,531 (8.1)
	10	14 (1)	37 (2)	495 (31)	37 (2)	120 (8)	62 (4)	5 (0)	69 (4)	161 (10)	43 (3)	73 (5)	369 (23)	57 (4)	38 (2)	1,580 (8.4)
	11	19 (1)	38 (2)	459 (27)	39 (2)	106 (6)	102 (6)	5 (0)	60 (3)	148 (9)	52 (3)	76 (4)	543 (32)	37 (2)	39 (2)	1,723 (9.1)
	12	14 (1)	20 (1)	385 (21)	47 (3)	73 (4)	165 (9)	3 (0)	40 (2)	173 (9)	38 (2)	58 (3)	746 (41)	16 (1)	49 (3)	1,827 (9.7)
2010 Total		155 (0.8)	381 (2.0)	5,514 (29.2)	469 (2.5)	1,294 (6.8)	1,049 (5.5)	66 (0.3)	682 (3.6)	1,975 (10.4)	622 (3.3)	920 (4.9)	4,941 (26.1)	515 (2.7)	322 (1.7)	18,905
Grand Total		532 (1.0)	1,089 (2.1)	14,951 (28.6)	1,299 (2.5)	3,589 (6.9)	3,063 (5.9)	147 (0.3)	1,896 (3.6)	5,748 (11.0)	1,775 (3.4)	2,550 (4.9)	13,616 (26.0)	1,523 (2.9)	559 (1.1)	52,337

Figure 7 Admissions by month and primary diagnostic group, 2008 - 2010



**Table 8 Respiratory admissions by month and age, 2008 - 2010**

Admission year	Month	Age Group (Years)								Total	
		<1		1-4		5-10		11-15			
		n	%	n	%	n	%	n	%	n	%
2008	1	218	(58)	93	(25)	37	(10)	26	(7)	374	(9.1)
	2	156	(50)	84	(27)	42	(14)	29	(9)	311	(7.6)
	3	151	(47)	100	(31)	39	(12)	28	(9)	318	(7.7)
	4	126	(44)	93	(32)	35	(12)	34	(12)	288	(7.0)
	5	133	(45)	94	(32)	35	(12)	34	(11)	296	(7.2)
	6	107	(33)	74	(30)	38	(15)	28	(11)	247	(6.0)
	7	119	(46)	91	(35)	27	(10)	24	(9)	261	(6.3)
	8	115	(45)	87	(34)	26	(10)	25	(10)	253	(6.2)
	9	129	(41)	114	(36)	44	(14)	31	(10)	318	(7.7)
	10	168	(47)	121	(34)	36	(10)	33	(9)	358	(8.7)
	11	334	(61)	136	(25)	48	(9)	27	(5)	545	(13.3)
	12	334	(62)	139	(26)	40	(7)	30	(6)	543	(13.2)
2008 Total		2,090	(50.8)	1,226	(29.8)	447	(10.9)	349	(8.5)	4,112	
2009	1	243	(56)	118	(27)	48	(11)	26	(6)	435	(9.5)
	2	195	(54)	100	(28)	37	(10)	27	(8)	359	(7.9)
	3	184	(47)	112	(29)	55	(14)	38	(10)	389	(8.5)
	4	175	(53)	101	(31)	25	(8)	30	(9)	331	(7.3)
	5	144	(46)	97	(31)	42	(13)	29	(9)	312	(6.8)
	6	104	(37)	95	(34)	47	(17)	33	(12)	279	(6.1)
	7	121	(43)	93	(33)	37	(13)	33	(12)	284	(6.2)
	8	100	(45)	76	(34)	26	(12)	19	(9)	221	(4.8)
	9	157	(43)	113	(31)	61	(17)	32	(9)	363	(8.0)
	10	155	(37)	134	(32)	81	(20)	44	(11)	414	(9.1)
	11	241	(49)	146	(30)	69	(14)	34	(7)	490	(10.7)
	12	457	(67)	142	(21)	52	(8)	35	(5)	686	(15.0)
2009 Total		2,276	(49.9)	1,327	(29.1)	580	(12.7)	380	(8.3)	4,563	
2010	1	327	(61)	131	(24)	49	(9)	30	(6)	537	(10.9)
	2	198	(54)	111	(30)	32	(9)	29	(8)	370	(7.5)
	3	202	(47)	150	(35)	47	(11)	33	(8)	432	(8.7)
	4	193	(55)	106	(30)	29	(8)	20	(6)	348	(7.0)
	5	185	(51)	105	(29)	37	(10)	35	(10)	362	(7.3)
	6	136	(44)	122	(39)	33	(11)	21	(7)	312	(6.3)
	7	129	(42)	104	(34)	42	(14)	35	(11)	310	(6.3)
	8	109	(45)	74	(31)	37	(15)	21	(9)	242	(4.9)
	9	153	(41)	129	(35)	49	(13)	39	(11)	370	(7.5)
	10	156	(42)	131	(36)	44	(12)	38	(10)	369	(7.5)
	11	299	(55)	150	(28)	64	(12)	30	(6)	543	(11.0)
	12	468	(63)	160	(21)	71	(10)	47	(6)	746	(15.1)
2010 Total		2,555	(51.7)	1,473	(29.8)	534	(10.8)	378	(7.7)	4,941	
Grand Total		6,921	(50.8)	4,026	(29.6)	1,561	(11.5)	1,107	(8.1)	13,616	

**Figure 8 Respiratory admissions by month and age, 2008 - 2010**

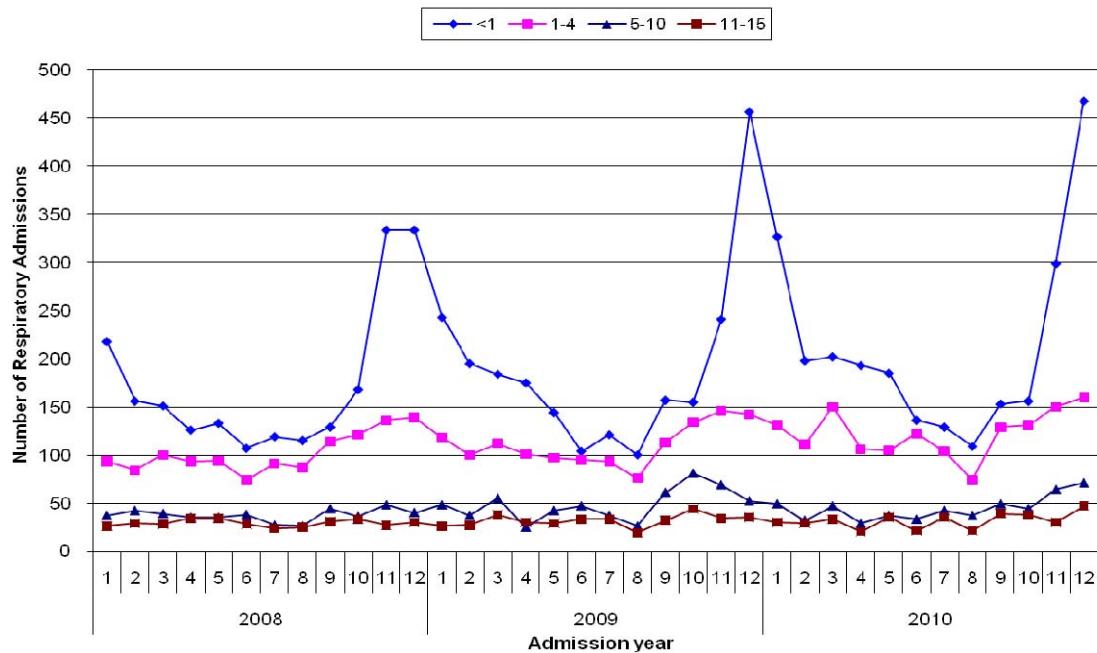


Table 9 Admissions by month by NHS trust, 2008 - 2010

Admission year	NHS Trust	Month												Total												
		January n	January %	February n	February %	March n	March %	April n	April %	May n	May %	June n	June %	July n	July %	August n	August %	September n	September %	October n	October %	November n	November %	December n	December %	
2008	A	49	(10)	36	(8)	39	(8)	34	(7)	36	(8)	39	(8)	29	(6)	37	(8)	49	(10)	41	(9)	37	(8)	44	(9)	470 (2.9)
	B	30	(11)	29	(10)	29	(10)	29	(10)	25	(9)	22	(8)	16	(6)	23	(8)	27	(9)	24	(8)	13	(5)	18	(6)	285 (1.7)
	C	31	(10)	21	(7)	27	(9)	23	(7)	30	(10)	22	(7)	21	(7)	18	(6)	23	(7)	32	(10)	30	(10)	29	(9)	307 (1.9)
	D	60	(9)	63	(10)	54	(8)	64	(10)	52	(8)	47	(7)	52	(8)	50	(8)	47	(7)	54	(8)	62	(9)	51	(8)	656 (4.0)
	E1	64	(7)	66	(7)	59	(7)	62	(7)	62	(9)	78	(9)	76	(9)	78	(9)	73	(8)	97	(11)	77	(9)	80	(9)	892 (5.5)
	E2	68	(10)	67	(10)	48	(7)	54	(8)	60	(9)	60	(9)	57	(9)	54	(8)	52	(8)	54	(8)	51	(8)	45	(7)	670 (4.1)
	F	89	(8)	82	(7)	101	(9)	82	(7)	103	(9)	101	(9)	105	(9)	98	(8)	86	(7)	92	(8)	106	(9)	111	(10)	1,156 (7.1)
	G	4	(13)	7	(22)	0	(0)	3	(9)	2	(6)	1	(3)	1	(3)	1	(3)	2	(6)	2	(6)	5	(16)	4	(13)	32 (0.2)
	H	34	(9)	23	(6)	25	(6)	21	(5)	38	(10)	23	(6)	22	(6)	30	(8)	38	(10)	51	(13)	50	(13)	37	(9)	392 (2.4)
	I	92	(11)	70	(8)	67	(8)	81	(10)	70	(8)	58	(7)	60	(7)	50	(6)	66	(8)	78	(9)	69	(8)	66	(8)	827 (5.1)
	J	11	(9)	8	(6)	13	(10)	17	(13)	13	(10)	9	(7)	4	(3)	12	(9)	15	(12)	10	(8)	9	(7)	8	(6)	129 (0.8)
	K	84	(9)	65	(7)	81	(9)	79	(9)	77	(8)	83	(9)	83	(9)	77	(8)	62	(7)	76	(8)	88	(10)	922 (5.7)		
	L	28	(9)	23	(7)	25	(8)	33	(10)	26	(8)	20	(6)	19	(6)	32	(10)	30	(9)	29	(9)	35	(11)	319 (2.0)		
	M	20	(6)	21	(6)	29	(8)	35	(10)	35	(10)	26	(7)	37	(10)	37	(10)	29	(8)	27	(7)	28	(8)	39	(11)	363 (2.2)
	N	35	(12)	33	(11)	35	(12)	22	(7)	18	(6)	25	(8)	28	(9)	17	(6)	19	(6)	24	(8)	19	(6)	25	(8)	300 (1.8)
	O	56	(9)	50	(8)	48	(8)	44	(7)	44	(7)	41	(7)	47	(8)	58	(10)	58	(10)	62	(10)	54	(9)	48	(8)	610 (3.7)
	P	98	(8)	84	(8)	95	(9)	97	(9)	86	(8)	109	(10)	87	(8)	86	(8)	87	(8)	96	(9)	98	(9)	97	(9)	1,112 (6.8)
	Q	53	(9)	44	(8)	64	(11)	53	(9)	46	(8)	32	(6)	35	(6)	33	(8)	50	(9)	46	(8)	56	(10)	571 (3.5)		
	R	62	(9)	44	(6)	50	(7)	45	(7)	48	(7)	61	(9)	63	(9)	59	(9)	38	(6)	72	(11)	70	(10)	72	(11)	684 (4.2)
	S	19	(10)	15	(8)	16	(8)	14	(7)	12	(6)	19	(10)	17	(9)	9	(5)	13	(7)	21	(11)	19	(10)	22	(11)	196 (1.2)
	T	36	(8)	35	(7)	41	(9)	38	(8)	45	(9)	38	(8)	45	(9)	28	(6)	37	(8)	43	(9)	44	(9)	45	(9)	475 (2.9)
	U	25	(8)	15	(5)	24	(8)	22	(7)	30	(10)	25	(8)	26	(9)	24	(8)	23	(8)	21	(7)	25	(8)	41	(14)	301 (1.8)
	V	99	(9)	85	(8)	102	(9)	90	(8)	89	(8)	94	(9)	101	(9)	90	(8)	87	(8)	88	(8)	87	(8)	90	(8)	1,102 (6.8)
	W	60	(8)	53	(7)	56	(8)	70	(10)	56	(8)	55	(8)	70	(10)	61	(8)	64	(9)	63	(9)	62	(8)	61	(8)	731 (4.5)
	X	69	(9)	46	(6)	55	(7)	57	(8)	51	(7)	55	(7)	79	(10)	74	(10)	66	(9)	76	(10)	62	(8)	69	(9)	759 (4.7)
	Y	58	(13)	40	(9)	41	(9)	41	(9)	33	(7)	25	(6)	35	(8)	36	(8)	29	(6)	36	(8)	39	(9)	40	(9)	453 (2.6)
	Z	92	(10)	83	(9)	76	(8)	66	(7)	76	(8)	75	(8)	61	(7)	75	(8)	56	(6)	77	(8)	93	(10)	94	(10)	924 (5.7)
	ZB	0	(0)	0	(0)	0	(0)	14	(5)	31	(12)	29	(11)	28	(11)	31	(12)	31	(12)	38	(15)	30	(12)	25	(10)	257 (1.6)
2008 Total		1,444	(8.9)	1,238	(7.6)	1,335	(8.2)	1,315	(8.1)	1,335	(8.2)	1,298	(8.0)	1,338	(8.2)	1,289	(7.9)	1,294	(7.9)	1,464	(9.0)	1,445	(8.9)	1,493	(9.2)	16,288
2009	A	47	(9)	39	(7)	56	(11)	37	(7)	49	(9)	38	(7)	41	(8)	35	(7)	48	(9)	44	(8)	49	(9)	527	(3.1)	
	B	51	(11)	36	(8)	50	(11)	35	(8)	38	(8)	38	(8)	26	(6)	25	(5)	38	(8)	35	(8)	30	(7)	54	(12)	456 (2.7)
	C	29	(8)	31	(9)	34	(10)	25	(7)	16	(5)	23	(7)	27	(8)	29	(8)	24	(7)	22	(6)	36	(10)	47	(14)	343 (2.0)
	D	59	(8)	50	(7)	63	(9)	63	(9)	50	(7)	70	(10)	42	(6)	59	(8)	57	(8)	67	(10)	62	(9)	705 (4.1)		
	E1	77	(8)	65	(7)	80	(8)	98	(10)	81	(8)	76	(8)	63	(7)	76	(8)	73	(8)	82	(9)	95	(10)	954 (5.6)		
	E2	56	(8)	46	(7)	52	(8)	45	(7)	59	(9)	57	(9)	59	(9)	51	(8)	59	(9)	67	(10)	61	(9)	68	(8)	668 (3.9)
	F	95	(8)	85	(7)	101	(9)	92	(8)	91	(8)	103	(9)	78	(7)	89	(8)	91	(8)	106	(9)	100	(9)	120	(10)	1,151 (6.7)
	G	4	(13)	3	(9)	4	(3)	2	(6)	6	(19)	2	(6)	3	(9)	2	(6)	1	(3)	2	(6)	2	(6)	4	(13)	32 (0.2)
	H	51	(9)	44	(8)	50	(9)	44	(8)	55	(10)	47	(8)	48	(8)	48	(8)	51	(9)	40	(7)	46	(8)	48	(8)	572 (3.3)
	I	75	(9)	55	(7)	77	(9)	66	(8)	68	(9)	68	(8)	62	(8)	68	(9)	64	(8)	73	(9)	82	(10)	812 (4.7)		
	J	7	(6)	5	(4)	8	(7)	11	(9)	7	(6)	10	(9)	6	(5)	5	(4)	8	(7)	14	(12)	19	(16)	17	(15)	117 (0.7)
	K	75	(9)	78	(9)	78	(9)	54	(6)	67	(8)	77	(9)	76	(9)	77	(9)	78	(9)	75	(9)	79	(9)	63	(7)	877 (5.1)
	L	24	(8)	19	(6)	24	(8)	14	(5)	20	(7)	26	(9)	24	(8)	19	(6)	32	(10)	30	(10)	28	(9)	45	(15)	305 (1.8)
	M	24	(7)	26	(8)	30	(9)	32	(9)	21	(6)	23	(7)	36	(10)	20	(6)	41	(12)	30	(9)	28	(8)	35	(10)	346 (2.0)
	N	29	(8)	36	(10)	31	(9)	25	(7)	31	(9)	25	(7)	29	(8)	26	(8)	29	(7)	25	(7)	23	(7)	36	(10)	345 (2.0)
	O	48	(7)	52	(8)	59	(9)	50	(7)	55	(8)	60	(9)	53	(8)	58	(8)	63	(9)	61	(9)	65	(9)	69	(10)	693 (4.0)
	P	92	(8)	68	(6)	93	(8)	81	(8)	81	(7)	102	(9)	78	(7)	75	(7)	100	(9)	99	(9)	103	(9)	122	(11)	1,103 (6.4)
	Q	49	(11)	32	(7)	36	(8)	32	(7)	34	(8)	53	(7)	55	(7)	53	(7)	77	(10)	67	(11)	68	(9)	740 (4.3)		
	R	56	(8)	57	(8)	60	(8)	56	(8)	53	(7)	55	(7)	66	(9)	53	(7)	57	(8)	68	(9)	68	(9)	70	(10)	740 (4.3)
	S	16	(9)	21	(6)	11	(6)	7	(4)	13	(8)	9	(5)	6	(4)	19	(11)	19	(11)	23	(13)	17	(10)	171 (1.0)		
	T	36	(7)	35	(6)	46	(9)	41	(8)	23	(5)	43	(9)	41	(8)	32	(6)	48	(10)	51	(10)	53	(11)	494 (2.9)		
	U	33	(10)	30	(9)	30	(9)	19	(6)	26	(8)	24	(7)	23	(7)	21	(6)	24	(7)	29	(9)	37	(11)	335 (2.0)		
	V	99	(8)	106	(8)	102	(9)	93	(7)	106	(8)	110	(8)	119	(9)	102	(8)	116	(9)	113	(9)	111	(8)	137	(10)	1,314 (7.7)
	W	52	(8)	50	(8)	44	(7)	44	(7)	58	(9)	51	(8)	47	(8)	39	(6)	57	(6)	57	(7)	61	(10)	623 (3.6)		
	X	67	(8)	55	(7)	69	(9)	68	(8)	64	(8)	69	(9)	64	(8)	66	(8)	68	(9)	70	(7)	67	(8)	802 (4.7)		
	Y	43	(11)	33	(8)	28	(7)	30	(6)	26	(6)	30	(7)	35	(7)	21	(5)	28	(7)	35	(9)	46	(11)	401 (2.3)		
	Z	39	(10)	30	(8)	37	(9)	26	(7)	37	(9)	38	(10)	42	(11)	25	(7)	32	(8)	39	(8)	28	(7)	27	(7)	397 (2.3)
	ZA	85	(9)	74	(8)	69	(7)	82	(9)	76	(8)	82	(9)</													

Table 10 Admissions by SHA / HB and year, 2008 - 2010

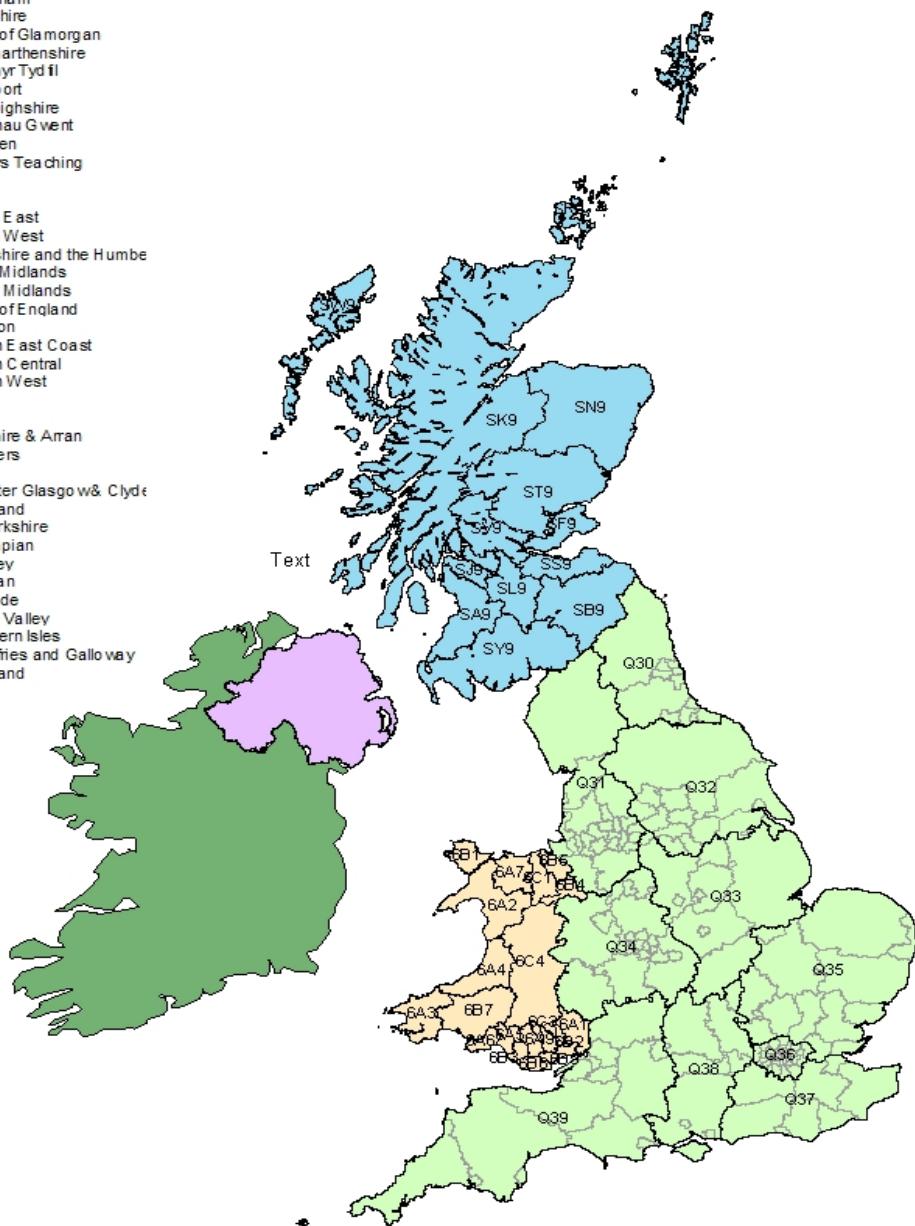
Country	SHA	Year						Total	
		2008		2009		2010			
		n	%	n	%	n	%	n	%
Channel Islands	Alderney	2	(0.0)	0	(0.0)	0	(0.0)	2	(0.0)
	Guernsey (and Sark)	11	(0.1)	18	(0.1)	13	(0.1)	42	(0.1)
	Jersey	22	(0.1)	16	(0.1)	18	(0.1)	56	(0.1)
Channel Islands Total		35	(0.2)	34	(0.2)	31	(0.2)	100	(0.2)
England	East Midlands	1,086	(6.7)	1,162	(6.8)	1,152	(6.1)	3,400	(6.5)
	East of England	1,224	(7.5)	1,326	(7.7)	1,368	(7.2)	3,918	(7.5)
	London	2,721	(16.7)	2,891	(16.9)	3,006	(15.9)	8,618	(16.5)
	North East	923	(5.7)	873	(5.1)	930	(4.9)	2,726	(5.2)
	North West	1,762	(10.8)	1,824	(10.6)	1,806	(9.6)	5,392	(10.3)
	South Central	855	(5.2)	899	(5.2)	930	(4.9)	2,684	(5.1)
	South East Coast	1,245	(7.6)	1,496	(8.7)	1,466	(7.8)	4,207	(8.0)
	South West	875	(5.4)	798	(4.7)	820	(4.3)	2,493	(4.8)
	West Midlands	1,411	(8.7)	1,555	(9.1)	1,528	(8.1)	4,494	(8.6)
	Yorkshire and the Humber	1,460	(9.0)	1,284	(7.5)	1,354	(7.2)	4,098	(7.8)
England Total		13,562	(83.3)	14,108	(82.3)	14,215	(75.2)	42,030	(80.3)
Isle of Man	Isle of Man	10	(0.1)	14	(0.1)	12	(0.1)	36	(0.1)
Northern Ireland	Eastern Health Board	118	(0.7)	181	(1.1)	175	(0.9)	473	(0.9)
	Northern Health Board	94	(0.6)	162	(0.9)	138	(0.7)	394	(0.8)
	Southern Health Board	58	(0.4)	90	(0.5)	100	(0.5)	248	(0.5)
	Western Health Board	33	(0.2)	69	(0.4)	79	(0.4)	181	(0.3)
Northern Ireland Total		303	(1.9)	501	(2.9)	492	(2.6)	1,296	(2.5)
Scotland	Ayrshire & Arran	92	(0.6)	86	(0.5)	70	(0.4)	248	(0.5)
	Borders	28	(0.2)	31	(0.2)	21	(0.1)	79	(0.2)
	Dumfries and Galloway	33	(0.2)	27	(0.2)	18	(0.1)	78	(0.1)
	Fife	93	(0.6)	97	(0.6)	95	(0.5)	285	(0.5)
	Forth Valley	102	(0.6)	97	(0.6)	87	(0.5)	286	(0.5)
	Grampian	65	(0.4)	79	(0.5)	83	(0.4)	228	(0.4)
	Greater Glasgow & Clyde	439	(2.7)	372	(2.2)	452	(2.4)	1,265	(2.4)
	Highland	67	(0.4)	59	(0.3)	70	(0.4)	196	(0.4)
	Lanarkshire	158	(1.0)	159	(0.9)	151	(0.8)	469	(0.9)
	Lothian	249	(1.5)	206	(1.2)	227	(1.2)	682	(1.3)
	Orkney	2	(0.0)	2	(0.0)	6	(0.0)	10	(0.0)
	Shetland	7	(0.0)	10	(0.1)	4	(0.0)	21	(0.0)
	Tayside	69	(0.4)	74	(0.4)	62	(0.3)	205	(0.4)
	Western Isles	5	(0.0)	9	(0.1)	2	(0.0)	16	(0.0)
Scotland Total		1,409	(8.7)	1,308	(7.6)	1,348	(7.1)	4,065	(7.8)
Wales	Welsh Health Authorities	637	(3.9)	657	(3.8)	594	(3.1)	1,888	(3.6)
Ireland		20	(0.1)	10	(0.1)	1,075	(5.7)	1,105	(2.1)
Other Non-UK		259	(1.6)	278	(1.6)	148	(0.8)	685	(1.3)
Missing		53	(0.3)	234	(1.4)	845	(4.5)	1,132	(2.2)
Grand Total		16,288	(31.2)	17,144	(32.9)	18,905	(35.9)	52,337	

**Figure 10 Map showing SHA / HB / PCO boundaries**

**Wales**  
 6A1 Monmouthshire  
 6A2 Gwynedd  
 6A3 Pembrokeshire  
 6A4 Ceredigion  
 6A5 Neath Port Talbot  
 6A6 Swansea  
 6A7 Conwy  
 6A8 Cardiff  
 6A9 Rhondda Cynon Taff  
 6B1 Anglesey  
 6B2 Caerphilly  
 6B3 Bridgend  
 6B4 Wrexham  
 6B5 Flintshire  
 6B6 Vale of Glamorgan  
 6B7 Carmarthenshire  
 6B8 Merthyr Tydfil  
 6B9 Newport  
 6C1 Denbighshire  
 6C2 Blaenau Gwent  
 6C3 Torfaen  
 6C4 Powys  
 Teaching

**England**  
 Q30 North East  
 Q31 North West  
 Q32 Yorkshire and the Humber  
 Q33 East Midlands  
 Q34 West Midlands  
 Q35 East of England  
 Q36 London  
 Q37 South East Coast  
 Q38 South Central  
 Q39 South West

**Scotland**  
 SA9 Ayrshire & Arran  
 SB9 Borders  
 SF9 Fife  
 SJ9 Greater Glasgow w& Clyde  
 SK9 Highland  
 SL9 Lanarkshire  
 SN9 Grampian  
 SR9 Orkney  
 SS9 Lothian  
 ST9 Tayside  
 SV9 Firth Valley  
 SW9 Western Isles  
 SY9 Dumfries and Galloway  
 SZ9 Shetland



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England is split into 10 Strategic Health Authorities and 152 Primary Care Organisations,

which comprise Primary Care Trusts (4 of which straddle SHA boundaries) and Care Trusts.

Wales comprises a single health authority split into 22 Local Health Boards which are responsible for primary care.

Scotland is split into 14 Health Boards which are responsible for primary care.

We acknowledge the assistance of Dr Paul Norman (Univ of Leeds) in producing maps of current Scottish boundaries

Northern Ireland now has 1 'Health and Social Care Board' so no internal boundaries are shown

Table 11 Admissions by mortality risk group by NHS trust, 2008 - 2010

Admission year	NHS Trust	PIM2r Group										Total
		<1%		1 - <5%		5 - <15%		15 - <30%		30%+		
		n	%	n	%	n	%	n	%	n	%	n
2008	A	260	(55)	173	(37)	31	(7)	4	(1)	2	(0)	470 (2.9)
	B	193	(68)	83	(29)	5	(2)	3	(1)	1	(0)	285 (1.7)
	C	79	(26)	140	(46)	74	(24)	9	(3)	5	(2)	307 (1.9)
	D	186	(28)	324	(49)	98	(15)	24	(4)	24	(4)	656 (4.0)
	E1	96	(11)	398	(45)	323	(36)	49	(5)	26	(3)	892 (5.5)
	E2	222	(33)	343	(51)	66	(10)	31	(5)	8	(1)	670 (4.1)
	F	270	(23)	605	(52)	210	(18)	46	(4)	25	(2)	1,156 (7.1)
	G	3	(9)	20	(63)	5	(16)	0	(0)	4	(13)	32 (0.2)
	H	113	(29)	182	(46)	76	(19)	11	(3)	10	(3)	392 (2.4)
	I	246	(30)	414	(50)	128	(15)	20	(2)	19	(2)	827 (5.1)
	J	82	(64)	38	(29)	7	(5)	0	(0)	2	(2)	129 (0.8)
	K	266	(29)	468	(51)	146	(16)	29	(3)	13	(1)	922 (5.7)
	L	121	(38)	145	(45)	44	(14)	5	(2)	4	(1)	319 (2.0)
	M	119	(33)	181	(50)	48	(13)	9	(2)	6	(2)	363 (2.2)
	N	40	(13)	168	(56)	65	(22)	14	(5)	13	(4)	300 (1.8)
	O	114	(19)	424	(70)	63	(10)	5	(1)	4	(1)	610 (3.7)
	P	304	(27)	591	(53)	186	(17)	19	(2)	12	(1)	1,112 (6.8)
	Q	227	(40)	268	(47)	65	(11)	5	(1)	6	(1)	571 (3.5)
	R	174	(25)	388	(57)	89	(13)	22	(3)	11	(2)	684 (4.2)
	S	105	(54)	71	(36)	16	(8)	1	(1)	3	(2)	196 (1.2)
	T	212	(45)	193	(41)	49	(10)	12	(3)	9	(2)	475 (2.9)
	U	30	(10)	158	(52)	100	(33)	10	(3)	3	(1)	301 (1.8)
	V	149	(14)	538	(49)	291	(26)	84	(8)	40	(4)	1,102 (6.8)
	W	37	(5)	469	(64)	168	(23)	35	(5)	22	(3)	731 (4.5)
	X	288	(38)	333	(44)	113	(15)	20	(3)	5	(1)	755 (4.7)
	Y	187	(41)	198	(44)	59	(13)	5	(1)	4	(1)	453 (2.8)
	Z	191	(49)	168	(43)	26	(7)	5	(1)	3	(1)	393 (2.4)
	ZA	404	(44)	401	(43)	96	(10)	13	(1)	10	(1)	924 (5.7)
	ZB	65	(25)	132	(51)	49	(19)	7	(3)	4	(2)	257 (1.6)
2008 Total		4,783	(29.4)	8,014	(49.2)	2,696	(16.6)	497	(3.1)	298	(1.8)	16,288
2009	A	331	(63)	150	(28)	31	(6)	6	(1)	9	(2)	527 (3.1)
	B	337	(74)	111	(24)	5	(1)	2	(0)	1	(0)	456 (2.7)
	C	82	(24)	161	(47)	79	(23)	11	(3)	10	(3)	343 (2.0)
	D	216	(31)	353	(50)	113	(16)	11	(2)	12	(2)	705 (4.1)
	E1	111	(12)	474	(50)	299	(31)	46	(5)	24	(3)	954 (5.6)
	E2	203	(30)	350	(52)	77	(12)	24	(4)	14	(2)	666 (3.9)
	F	256	(22)	599	(52)	223	(19)	49	(4)	24	(2)	1,151 (6.7)
	G	2	(6)	22	(69)	7	(22)	0	(0)	1	(3)	32 (0.2)
	H	228	(40)	259	(45)	62	(11)	15	(3)	8	(1)	572 (3.3)
	I	281	(35)	396	(49)	90	(11)	23	(3)	22	(3)	812 (4.7)
	J	70	(60)	43	(37)	3	(3)	0	(0)	1	(1)	117 (0.7)
	K	252	(29)	457	(52)	124	(14)	29	(3)	15	(2)	877 (5.1)
	L	127	(42)	125	(41)	44	(14)	7	(2)	2	(1)	305 (1.8)
	M	79	(23)	173	(50)	68	(20)	16	(5)	10	(3)	346 (2.0)
	N	52	(15)	212	(61)	59	(17)	13	(4)	9	(3)	345 (2.0)
	O	141	(20)	458	(66)	79	(11)	11	(2)	4	(1)	693 (4.0)
	P	248	(22)	614	(56)	198	(18)	32	(3)	11	(1)	1,103 (6.4)
	Q	114	(26)	237	(53)	72	(16)	10	(2)	11	(2)	444 (2.6)
	R	191	(26)	392	(53)	126	(17)	21	(3)	10	(1)	740 (4.3)
	S	90	(53)	66	(39)	13	(8)	2	(1)	0	(0)	171 (1.0)
	T	220	(45)	191	(39)	66	(13)	12	(2)	5	(1)	494 (2.9)
	U	24	(7)	188	(56)	110	(33)	10	(3)	3	(1)	335 (2.0)
	V	199	(15)	692	(53)	327	(25)	60	(5)	36	(3)	1,314 (7.7)
	W	102	(16)	338	(54)	148	(24)	21	(3)	14	(2)	623 (3.6)
	X	280	(35)	368	(46)	115	(14)	26	(3)	13	(2)	802 (4.7)
	Y	191	(48)	164	(41)	36	(9)	6	(1)	4	(1)	401 (2.3)
	Z	193	(49)	183	(46)	18	(5)	3	(1)	0	(0)	397 (2.3)
	ZA	401	(43)	442	(47)	81	(9)	11	(1)	4	(0)	939 (5.5)
	ZB	178	(37)	210	(44)	73	(15)	8	(2)	9	(2)	478 (2.8)
2009 Total		5,199	(30.3)	8,428	(49.2)	2,746	(16.0)	485	(2.8)	286	(1.7)	17,144
2010	A	323	(54)	205	(35)	54	(9)	4	(1)	8	(1)	594 (3.2)
	B	336	(75)	101	(23)	9	(2)	1	(0)	0	(0)	447 (2.4)
	C	57	(22)	139	(53)	50	(19)	9	(3)	5	(2)	260 (1.4)
	D	185	(27)	363	(52)	120	(17)	15	(2)	15	(2)	698 (3.7)
	E1	109	(12)	488	(52)	272	(29)	46	(5)	17	(2)	932 (5.0)
	E2	164	(22)	407	(55)	126	(17)	34	(5)	13	(2)	744 (4.0)
	F	272	(23)	638	(55)	209	(18)	32	(3)	18	(2)	1,169 (6.2)
	G	2	(5)	26	(68)	4	(11)	2	(5)	4	(11)	38 (0.2)
	H	231	(39)	258	(43)	70	(12)	14	(2)	22	(4)	595 (3.2)
	I	263	(34)	376	(49)	98	(13)	21	(3)	11	(1)	765 (4.1)
	J	55	(71)	19	(25)	2	(3)	1	(1)	0	(0)	77 (0.4)
	K	305	(32)	494	(52)	122	(13)	18	(2)	10	(1)	949 (5.1)
	L	127	(40)	144	(45)	43	(13)	4	(1)	3	(1)	321 (1.7)
	M	75	(21)	179	(50)	76	(21)	20	(6)	9	(3)	355 (1.9)
	N	36	(15)	145	(58)	50	(20)	14	(6)	3	(1)	248 (1.3)
	O	204	(27)	466	(63)	65	(9)	8	(1)	2	(0)	745 (4.0)
	P	227	(20)	666	(58)	203	(18)	35	(3)	17	(1)	1,148 (6.1)
	Q	170	(33)	255	(49)	68	(13)	12	(2)	14	(3)	519 (2.8)
	R	260	(29)	470	(53)	136	(15)	17	(2)	10	(1)	893 (4.8)
	S	95	(47)	92	(45)	13	(6)	4	(2)	0	(0)	204 (1.1)
	T	224	(47)	168	(35)	60	(13)	10	(2)	12	(3)	474 (2.5)
	U	42	(13)	168	(52)	94	(29)	12	(4)	10	(3)	326 (1.7)
	V	177	(14)	696	(55)	307	(24)	53	(4)	29	(2)	1,262 (6.7)
	W	117	(17)	365	(54)	155	(23)	21	(3)	12	(2)	670 (2.7)
	X	271	(38)	297	(41)	124	(17)	20	(3)	4	(1)	716 (3.8)
	Y	225	(53)	149	(35)	45	(11)	4	(1)	2	(0)	425 (2.3)
	Z	193	(52)	162	(43)	16	(4)	1	(0)	2	(1)	374 (2.0)
	ZA	500	(54)	373	(40)	41	(4)	6	(1)	2	(0)	922 (4.9)
	ZB	176	(40)	185	(42)	72	(16)	7	(2)	3	(1)	443 (2.4)
	ZC	264	(27)	531	(54)	132	(13)	41	(4)	20	(2)	988 (5.3)
	ZD	163	(34)	215	(44)	86	(18)	9	(2)	11	(2)	484 (2.6)
	ZE	63	(56)	43	(38)	4	(4)	2	(2)	0	(0)	112 (0.6)
2010 Total		5,911	(31.3)	9,283	(49.1)	2,926	(15.5)	497	(2.6)	288	(1.5)	18,905
Grand Total		15,893	(30.4)	25,725	(49.2)	8,368	(16.0)	1,479	(2.8)	872	(1.7)	52,337

**Table 12 Admissions by admission type and age, 2008 - 2010**

Admission Type	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Planned - following surgery	7,823	(44)	4,928	(28)	2,486	(14)	2,652	(15)	17,891	(34.2)
Unplanned - following surgery	1,196	(42)	777	(27)	465	(16)	433	(15)	2,871	(5.5)
Planned - other	2,143	(61)	643	(18)	349	(10)	378	(11)	3,513	(6.7)
Unplanned - other	13,670	(49)	7,316	(26)	3,600	(13)	3,337	(12)	27,925	(53.4)
Unknown	60	(44)	34	(25)	26	(19)	17	(12)	137	(0.3)
Total	24,892	(47.6)	13,698	(26.2)	6,926	(13.2)	6,817	(13.0)	52,337	

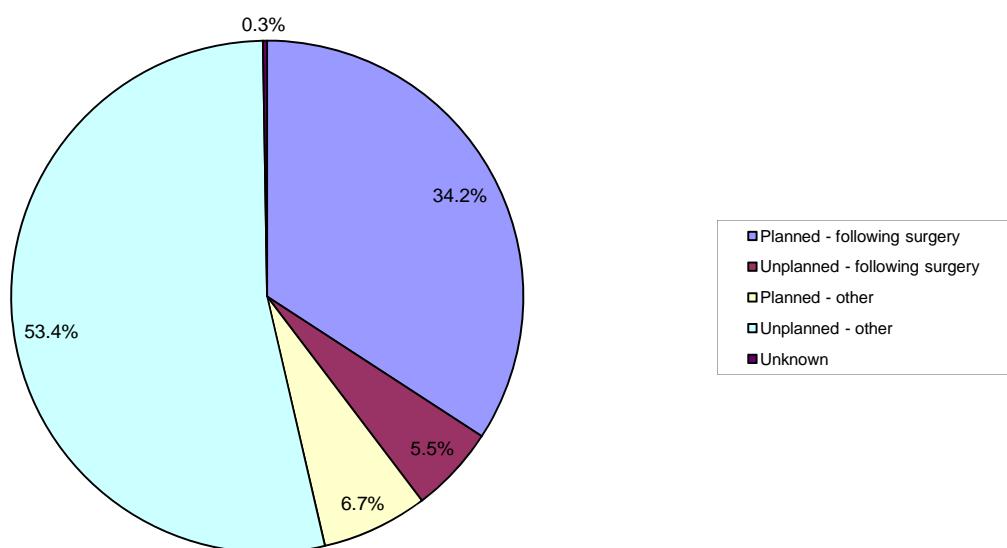
**Figure 12 Admissions by admission type, 2008 - 2010**

Table 13 Admissions by admission type by NHS trust, 2008 - 2010

Admission year	NHS Trust	Admission Type										Total n	% n
		Planned - following surgery		Unplanned - following surgery		Planned - other		Unplanned - other		Unknown			
		n	%	n	%	n	%	n	%	n	%		
2008	A	143	(30)	35	(7)	18	(4)	274	(58)	0	(0)	470	(2.9)
	B	54	(19)	18	(6)	20	(7)	193	(68)	0	(0)	285	(1.7)
	C	78	(25)	13	(4)	4	(1)	212	(69)	0	(0)	307	(1.9)
	D	147	(22)	73	(11)	49	(7)	385	(59)	2	(0)	656	(4.0)
	E1	136	(15)	10	(1)	50	(6)	696	(78)	0	(0)	892	(5.5)
	E2	441	(66)	6	(1)	37	(6)	186	(28)	0	(0)	670	(4.1)
	F	428	(37)	99	(9)	24	(2)	605	(52)	0	(0)	1,156	(7.1)
	G	0	(0)	3	(9)	1	(3)	28	(88)	0	(0)	32	(0.2)
	H	105	(27)	18	(5)	63	(16)	206	(53)	0	(0)	392	(2.4)
	I	351	(42)	42	(5)	64	(8)	370	(45)	0	(0)	827	(5.1)
	J	45	(35)	12	(9)	2	(2)	70	(54)	0	(0)	129	(0.8)
	K	295	(32)	88	(10)	88	(10)	449	(49)	2	(0)	922	(5.7)
	L	43	(13)	5	(2)	39	(12)	232	(73)	0	(0)	319	(2.0)
	M	88	(24)	49	(13)	14	(4)	212	(58)	0	(0)	363	(2.2)
	N	102	(34)	23	(8)	8	(3)	167	(56)	0	(0)	300	(1.8)
	O	377	(62)	5	(1)	99	(16)	129	(21)	0	(0)	610	(3.7)
	P	449	(40)	11	(1)	42	(4)	610	(55)	0	(0)	1,112	(6.8)
	Q	149	(26)	37	(6)	19	(3)	366	(64)	0	(0)	571	(3.5)
	R	269	(39)	30	(4)	52	(8)	333	(49)	0	(0)	684	(4.2)
	S	50	(26)	10	(5)	4	(2)	132	(67)	0	(0)	196	(1.2)
	T	132	(28)	29	(6)	22	(5)	292	(61)	0	(0)	475	(2.9)
	U	16	(5)	8	(3)	12	(4)	265	(88)	0	(0)	301	(1.8)
	V	335	(30)	53	(5)	97	(9)	617	(56)	0	(0)	1,102	(6.8)
	W	255	(35)	21	(3)	11	(2)	430	(59)	14	(2)	731	(4.5)
	X	201	(26)	14	(2)	57	(8)	486	(64)	1	(0)	759	(4.7)
	Y	177	(39)	39	(9)	7	(2)	230	(51)	0	(0)	453	(2.8)
	Z	42	(11)	28	(7)	37	(9)	286	(73)	0	(0)	393	(2.4)
	ZA	443	(48)	88	(10)	20	(2)	373	(40)	0	(0)	924	(5.7)
	ZB	64	(25)	25	(10)	13	(5)	155	(60)	0	(0)	257	(1.6)
2008 Total		5,415	(33.2)	892	(5.5)	973	(6.0)	8,989	(55.2)	19	(0.1)	16,288	
2009	A	174	(33)	41	(8)	19	(4)	293	(56)	0	(0)	527	(3.1)
	B	125	(27)	30	(7)	40	(9)	261	(57)	0	(0)	456	(2.7)
	C	81	(24)	13	(4)	6	(2)	243	(71)	0	(0)	343	(2.0)
	D	180	(26)	81	(11)	36	(5)	408	(58)	0	(0)	705	(4.1)
	E1	152	(16)	8	(1)	69	(7)	725	(76)	0	(0)	954	(5.6)
	E2	466	(70)	1	(0)	28	(4)	173	(26)	0	(0)	668	(3.9)
	F	410	(36)	90	(8)	10	(1)	641	(56)	0	(0)	1,151	(6.7)
	G	0	(0)	3	(9)	0	(0)	29	(91)	0	(0)	32	(0.2)
	H	153	(27)	21	(4)	71	(12)	327	(57)	0	(0)	572	(3.3)
	I	380	(47)	43	(5)	68	(8)	321	(40)	0	(0)	812	(4.7)
	J	31	(26)	21	(18)	5	(4)	60	(51)	0	(0)	117	(0.7)
	K	308	(35)	89	(10)	97	(11)	383	(44)	0	(0)	877	(5.1)
	L	37	(12)	9	(3)	37	(12)	222	(73)	0	(0)	305	(1.8)
	M	60	(17)	36	(10)	13	(4)	237	(68)	0	(0)	346	(2.0)
	N	136	(39)	36	(10)	7	(2)	166	(48)	0	(0)	345	(2.0)
	O	451	(65)	3	(0)	135	(19)	104	(15)	0	(0)	693	(4.0)
	P	446	(40)	16	(1)	44	(4)	597	(54)	0	(0)	1,103	(6.4)
	Q	67	(15)	33	(7)	9	(2)	335	(75)	0	(0)	444	(2.6)
	R	267	(36)	20	(3)	72	(10)	381	(51)	0	(0)	740	(4.3)
	S	33	(19)	13	(8)	15	(9)	110	(64)	0	(0)	171	(1.0)
	T	145	(29)	36	(7)	11	(2)	302	(61)	0	(0)	494	(2.9)
	U	20	(6)	16	(5)	6	(2)	293	(87)	0	(0)	335	(2.0)
	V	478	(36)	85	(6)	49	(4)	702	(53)	0	(0)	1,314	(7.7)
	W	234	(38)	18	(3)	13	(2)	358	(57)	0	(0)	623	(3.6)
	X	217	(27)	20	(2)	90	(11)	475	(59)	0	(0)	802	(4.7)
	Y	188	(47)	29	(7)	14	(3)	170	(42)	0	(0)	401	(2.3)
	Z	55	(14)	42	(11)	43	(11)	240	(60)	17	(4)	397	(2.3)
	ZA	467	(50)	60	(6)	15	(2)	396	(42)	1	(0)	939	(5.5)
	ZB	116	(24)	22	(5)	9	(2)	310	(65)	21	(4)	478	(2.8)
2009 Total		5,877	(34.3)	935	(5.5)	1,031	(6.0)	9,262	(54.0)	39	(0.2)	17,144	
2010	A	163	(27)	31	(5)	57	(10)	320	(54)	23	(4)	594	(3.1)
	B	82	(18)	17	(4)	59	(13)	284	(64)	5	(1)	447	(2.4)
	C	59	(23)	11	(4)	10	(4)	180	(69)	0	(0)	260	(1.4)
	D	160	(23)	68	(10)	44	(6)	425	(61)	1	(0)	698	(3.7)
	E1	123	(13)	79	(8)	54	(6)	676	(73)	0	(0)	932	(4.9)
	E2	444	(60)	28	(4)	50	(7)	222	(30)	0	(0)	744	(3.9)
	F	430	(37)	86	(7)	30	(3)	623	(53)	0	(0)	1,169	(6.2)
	G	0	(0)	2	(5)	0	(0)	36	(95)	0	(0)	38	(0.2)
	H	168	(28)	43	(7)	77	(13)	307	(52)	0	(0)	595	(3.1)
	I	394	(51)	31	(4)	64	(8)	280	(36)	0	(0)	769	(4.1)
	J	32	(42)	5	(6)	1	(1)	39	(51)	0	(0)	77	(0.4)
	K	370	(39)	72	(8)	160	(17)	347	(37)	0	(0)	949	(5.0)
	L	30	(9)	6	(2)	48	(15)	237	(74)	0	(0)	321	(1.7)
	M	60	(17)	26	(7)	14	(4)	259	(72)	0	(0)	359	(1.9)
	N	68	(27)	27	(11)	4	(2)	149	(60)	0	(0)	248	(1.3)
	O	465	(62)	10	(1)	108	(14)	162	(22)	0	(0)	745	(3.9)
	P	498	(43)	58	(5)	25	(2)	567	(49)	0	(0)	1,148	(6.1)
	Q	78	(15)	34	(7)	16	(3)	391	(75)	0	(0)	519	(2.7)
	R	363	(41)	30	(3)	82	(9)	418	(47)	0	(0)	893	(4.7)
	S	23	(11)	10	(5)	16	(8)	155	(76)	0	(0)	204	(1.1)
	T	153	(32)	42	(9)	15	(3)	264	(56)	0	(0)	474	(2.5)
	U	24	(7)	10	(3)	7	(2)	285	(87)	0	(0)	326	(1.7)
	V	429	(34)	71	(6)	32	(3)	730	(58)	0	(0)	1,262	(6.7)
	W	289	(43)	19	(3)	12	(2)	341	(51)	9	(1)	670	(3.5)
	X	198	(28)	18	(3)	88	(12)	411	(57)	1	(0)	716	(3.8)
	Y	195	(46)	41	(10)	8	(2)	181	(43)	0	(0)	425	(2.2)
	Z	36	(10)	17	(5)	50	(13)	262	(70)	9	(2)	374	(2.0)
	ZA	473	(51)	58	(6)	27	(3)	356	(39)	8	(1)	922	(4.9)
	ZB	115	(26)	22	(5)	17	(4)	266	(60)	23	(5)	443	(2.3)
	ZC	466	(47)	39	(4)	235	(24)	248	(25)	0	(0)	988	(5.2)
	ZD	149	(31)	33	(7)	59	(12)	243	(50)	0	(0)	484	(2.6)
	ZE	62	(55)	0	(0)	40	(36)	10	(9)	0	(0)	112	(0.6)
2010 Total		6,599	(34.9)	1,044	(5.5)	1,509	(8.0)	9,674	(51.2)	79	(0.4)	18,905	
Grand Total		17,891	(34.2)	2,871	(5.5)	3,513	(6.7)	27,925	(53.4)	137	(0.3)	52,337	

Table 14 Admissions by source of admission (admission type 'unplanned - other') by NHS trust, 2008 - 2010

Admission year	NHS Trust	Admission Source						Total n	Total %				
		Same hospital n	Same hospital %	Other hospital n	Other hospital %	Clinic n	Home n	Unknown n	Unknown %				
2008	A	133	(49)	139	(51)	0	(0)	2	(1)	0	(0)		
	B	184	(95)	7	(4)	0	(0)	2	(1)	0	(0)		
	C	82	(39)	130	(61)	0	(0)	0	(0)	212	(2.4)		
	D	122	(32)	263	(68)	0	(0)	0	(0)	385	(4.3)		
	E1	132	(19)	563	(81)	0	(0)	1	(0)	696	(7.7)		
	E2	57	(31)	119	(64)	0	(0)	10	(5)	186	(2.1)		
	F	139	(23)	466	(77)	0	(0)	0	(0)	605	(6.7)		
	G	23	(82)	1	(4)	0	(0)	4	(14)	28	(0.3)		
	H	83	(40)	121	(59)	1	(0)	1	(0)	206	(2.3)		
	I	172	(46)	198	(54)	0	(0)	0	(0)	370	(4.1)		
	J	69	(99)	1	(1)	0	(0)	0	(0)	70	(0.8)		
	K	200	(45)	248	(55)	0	(0)	1	(0)	449	(5.0)		
	L	80	(34)	143	(62)	0	(0)	9	(4)	232	(2.6)		
	M	131	(62)	80	(38)	0	(0)	0	(0)	212	(2.4)		
	N	103	(62)	64	(38)	0	(0)	0	(0)	167	(1.9)		
	O	57	(44)	72	(56)	0	(0)	0	(0)	129	(1.4)		
	P	294	(48)	316	(52)	0	(0)	0	(0)	610	(6.8)		
	Q	209	(57)	155	(42)	0	(0)	2	(1)	0	(0)		
	R	122	(37)	210	(63)	0	(0)	1	(0)	333	(3.7)		
	S	92	(70)	34	(26)	0	(0)	6	(5)	0	(0)		
	T	123	(42)	164	(56)	0	(0)	5	(2)	0	(0)		
	U	54	(20)	211	(80)	0	(0)	0	(0)	265	(2.9)		
	V	363	(59)	251	(41)	0	(0)	2	(0)	617	(6.9)		
	W	211	(49)	218	(51)	0	(0)	1	(0)	430	(4.8)		
	X	191	(39)	294	(60)	1	(0)	0	(0)	486	(5.4)		
	Y	84	(37)	146	(63)	0	(0)	0	(0)	230	(2.6)		
	Z	224	(78)	59	(21)	0	(0)	3	(1)	0	(0)		
	ZA	253	(68)	119	(32)	0	(0)	1	(0)	373	(4.1)		
	ZB	73	(47)	81	(52)	0	(0)	1	(1)	0	(0)		
2008 Total		4,060	(45.2)	4,873	(54.2)	2	(0.0)	52	(0.6)	2	(0.0)	8,989	
2009	A	145	(49)	144	(49)	0	(0)	4	(1)	0	(0)	293	(3.2)
	B	242	(93)	9	(3)	0	(0)	10	(4)	0	(0)	261	(2.8)
	C	96	(40)	147	(60)	0	(0)	0	(0)	0	(0)	243	(2.6)
	D	155	(38)	253	(62)	0	(0)	0	(0)	0	(0)	408	(4.4)
	E1	164	(23)	561	(77)	0	(0)	0	(0)	0	(0)	725	(7.8)
	E2	64	(37)	104	(60)	0	(0)	5	(3)	0	(0)	173	(1.9)
	F	157	(24)	484	(76)	0	(0)	0	(0)	0	(0)	641	(6.9)
	G	21	(72)	0	(0)	0	(0)	8	(28)	0	(0)	29	(0.3)
	H	119	(36)	206	(63)	0	(0)	1	(0)	1	(0)	327	(3.5)
	I	137	(43)	184	(57)	0	(0)	0	(0)	0	(0)	321	(3.5)
	J	56	(93)	3	(5)	0	(0)	0	(0)	1	(2)	60	(0.6)
	K	179	(47)	202	(53)	0	(0)	2	(1)	0	(0)	383	(4.1)
	L	72	(32)	142	(64)	1	(0)	7	(3)	0	(0)	222	(2.4)
	M	152	(64)	85	(36)	0	(0)	0	(0)	0	(0)	237	(2.6)
	N	81	(49)	85	(51)	0	(0)	0	(0)	0	(0)	166	(1.8)
	O	40	(38)	61	(59)	2	(2)	1	(1)	0	(0)	104	(1.1)
	P	268	(45)	329	(55)	0	(0)	0	(0)	0	(0)	597	(6.4)
	Q	163	(49)	169	(50)	0	(0)	3	(1)	0	(0)	335	(3.6)
	R	131	(34)	250	(66)	0	(0)	0	(0)	0	(0)	381	(4.1)
	S	76	(69)	31	(28)	0	(0)	3	(3)	0	(0)	110	(1.2)
	T	133	(44)	166	(55)	0	(0)	3	(1)	0	(0)	302	(3.3)
	U	66	(23)	227	(77)	0	(0)	0	(0)	0	(0)	293	(3.2)
	V	388	(55)	313	(45)	0	(0)	1	(0)	0	(0)	702	(7.6)
	W	183	(51)	174	(49)	0	(0)	1	(0)	0	(0)	358	(3.9)
	X	223	(47)	249	(52)	1	(0)	2	(0)	0	(0)	475	(5.1)
	Y	68	(40)	102	(60)	0	(0)	0	(0)	0	(0)	170	(1.8)
	Z	175	(73)	56	(23)	0	(0)	9	(4)	0	(0)	240	(2.6)
	ZA	283	(71)	113	(29)	0	(0)	0	(0)	0	(0)	396	(4.3)
	ZB	162	(52)	147	(47)	0	(0)	0	(0)	1	(0)	310	(3.3)
2009 Total		4,199	(45.3)	4,996	(53.9)	4	(0.0)	60	(0.6)	3	(0.0)	9,262	
2010	A	146	(46)	162	(51)	0	(0)	8	(3)	4	(1)	320	(3.3)
	B	264	(93)	16	(6)	0	(0)	4	(1)	0	(0)	284	(2.9)
	C	67	(37)	113	(63)	0	(0)	0	(0)	0	(0)	180	(1.9)
	D	159	(37)	266	(63)	0	(0)	0	(0)	0	(0)	425	(4.4)
	E1	149	(22)	527	(78)	0	(0)	0	(0)	0	(0)	676	(7.0)
	E2	66	(30)	150	(68)	1	(0)	5	(2)	0	(0)	222	(2.3)
	F	161	(26)	462	(74)	0	(0)	0	(0)	0	(0)	623	(6.4)
	G	27	(75)	0	(0)	0	(0)	9	(25)	0	(0)	36	(0.4)
	H	146	(48)	150	(49)	4	(1)	7	(2)	0	(0)	307	(3.2)
	I	136	(49)	143	(51)	0	(0)	1	(0)	0	(0)	280	(2.9)
	J	39	(100)	0	(0)	0	(0)	0	(0)	0	(0)	39	(0.4)
	K	194	(56)	153	(44)	0	(0)	0	(0)	0	(0)	347	(3.6)
	L	77	(32)	155	(65)	0	(0)	5	(2)	0	(0)	237	(2.4)
	M	162	(63)	97	(37)	0	(0)	0	(0)	0	(0)	259	(2.7)
	N	77	(52)	72	(48)	0	(0)	0	(0)	0	(0)	149	(1.5)
	O	48	(30)	111	(69)	1	(1)	2	(1)	0	(0)	162	(1.7)
	P	253	(45)	313	(55)	0	(0)	1	(0)	0	(0)	567	(5.9)
	Q	230	(59)	159	(41)	0	(0)	2	(1)	0	(0)	391	(4.0)
	R	141	(34)	277	(66)	0	(0)	0	(0)	0	(0)	418	(4.3)
	S	124	(80)	24	(15)	0	(0)	7	(5)	0	(0)	155	(1.6)
	T	104	(39)	152	(58)	0	(0)	8	(3)	0	(0)	264	(2.7)
	U	65	(23)	220	(77)	0	(0)	0	(0)	0	(0)	285	(2.9)
	V	410	(56)	319	(44)	0	(0)	1	(0)	0	(0)	730	(7.5)
	W	144	(42)	197	(58)	0	(0)	0	(0)	0	(0)	341	(3.5)
	X	196	(48)	214	(52)	0	(0)	1	(0)	0	(0)	411	(4.2)
	Y	77	(43)	104	(57)	0	(0)	0	(0)	0	(0)	181	(1.9)
	Z	179	(68)	71	(27)	0	(0)	10	(4)	2	(1)	262	(2.7)
	ZA	228	(64)	128	(36)	0	(0)	0	(0)	0	(0)	356	(3.7)
	ZB	137	(52)	127	(48)	1	(0)	0	(0)	1	(0)	266	(2.7)
	ZC	174	(70)	74	(30)	0	(0)	0	(0)	0	(0)	248	(2.6)
	ZD	85	(35)	157	(65)	0	(0)	0	(0)	1	(0)	243	(2.5)
	ZE	8	(80)	2	(20)	0	(0)	0	(0)	0	(0)	10	(0.1)
2010 Total		4,473	(46.2)	5,115	(52.9)	7	(0.1)	71	(0.7)	8	(0.1)	9,674	
Grand Total		12,732	(45.6)	14,984	(53.7)	13	(0.0)	183	(0.7)	13	(0.0)	27,925	

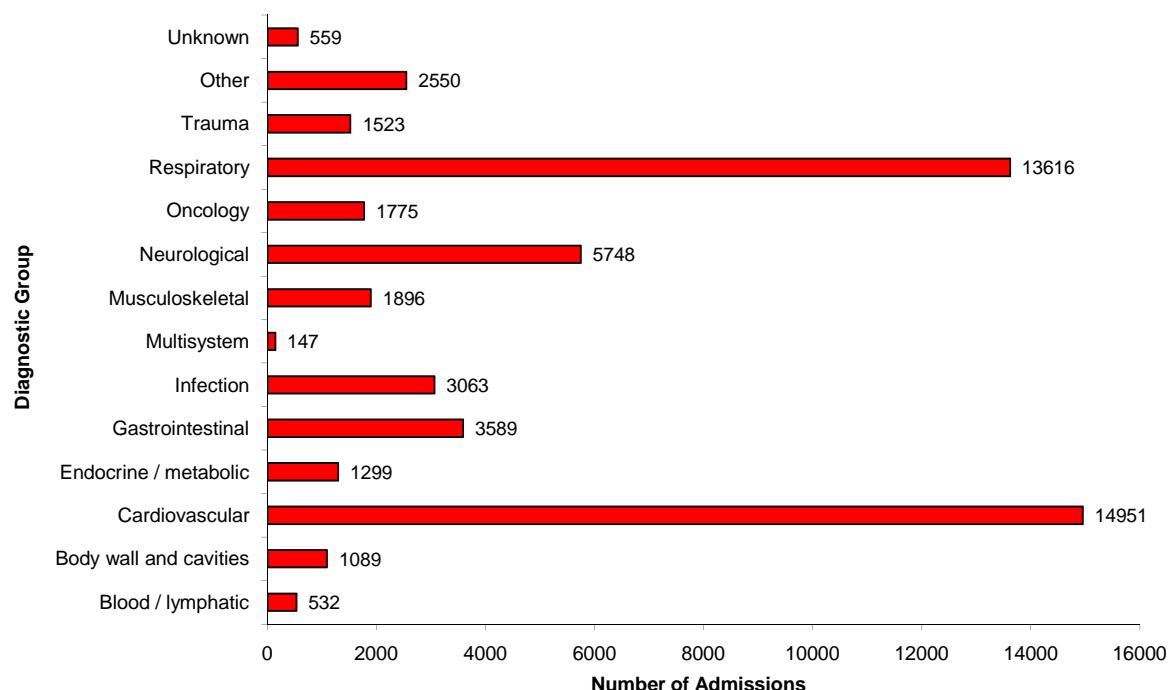
Table 15 Admissions by care area admitted from (admission type 'unplanned - other' admitted from hospital) by NHS trust, 2008 - 2010

Admission year	NHS Trust	Care Area												Total						
		Accident & emergency		HDU (step-up/step-down unit)		ICU / PICU / NICU		Other intermediate care area (not ICU / PICU / NICU)		Recovery only		Theatre and recovery		Ward		X-ray, endoscopy, CT scanner or similar		Unknown		
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
2008	A	65	(24)	0	(0)	9	(3)	3	(1)	0	(0)	1	(0)	194	(71)	0	(0)	0	(0)	272 (3.0)
	B	133	(70)	3	(2)	1	(1)	3	(2)	0	(0)	6	(3)	43	(23)	2	(1)	0	(0)	191 (2.1)
	C	74	(35)	58	(27)	30	(14)	4	(2)	4	(2)	17	(8)	23	(11)	1	(0)	1	(0)	212 (2.4)
	D	127	(33)	86	(22)	20	(5)	11	(3)	0	(0)	19	(5)	110	(29)	0	(0)	12	(3)	385 (4.3)
	E1	204	(29)	13	(1)	241	(59)	52	(7)	6	(1)	5	(1)	173	(25)	1	(0)	0	(0)	697 (6.9)
	E2	9	(5)	29	(16)	89	(51)	18	(0)	0	(0)	2	(1)	14	(4)	5	(0)	0	(0)	176 (2.0)
	F	32	(5)	15	(2)	71	(12)	0	(0)	0	(0)	10	(2)	282	(47)	4	(1)	191	(32)	605 (6.8)
	G	16	(67)	6	(25)	0	(0)	0	(0)	0	(0)	0	(0)	2	(8)	0	(0)	0	(0)	24 (0.3)
	H	99	(49)	1	(0)	11	(5)	0	(0)	0	(0)	4	(2)	89	(44)	0	(0)	0	(0)	204 (2.3)
	I	114	(31)	3	(1)	43	(12)	1	(0)	1	(0)	6	(2)	207	(54)	2	(1)	0	(0)	374 (4.1)
	J	52	(74)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	17	(24)	1	(1)	0	(0)	70 (0.6)
	K	93	(21)	4	(1)	105	(23)	21	(5)	2	(0)	36	(8)	177	(40)	10	(2)	0	(0)	448 (5.0)
	L	62	(28)	16	(7)	14	(6)	0	(0)	0	(0)	5	(2)	126	(57)	0	(0)	0	(0)	223 (2.5)
	M	78	(37)	32	(15)	12	(6)	1	(0)	6	(3)	8	(4)	65	(31)	8	(4)	1	(0)	211 (2.4)
	O	46	(28)	36	(22)	15	(9)	1	(0)	4	(2)	21	(1)	39	(25)	5	(0)	0	(0)	161 (1.9)
	P	179	(28)	93	(15)	83	(14)	3	(0)	0	(0)	32	(6)	209	(34)	11	(2)	0	(0)	610 (6.8)
	Q	122	(34)	27	(7)	74	(20)	12	(3)	1	(0)	18	(5)	106	(29)	2	(1)	2	(1)	364 (4.1)
	R	94	(28)	51	(15)	58	(17)	7	(2)	0	(0)	14	(4)	108	(33)	0	(0)	0	(0)	332 (3.7)
	S	53	(42)	3	(2)	2	(2)	10	(8)	1	(1)	5	(4)	52	(41)	0	(0)	0	(0)	126 (1.4)
	T	144	(47)	5	(2)	7	(2)	11	(4)	0	(0)	6	(1)	115	(40)	1	(0)	7	(0)	267 (3.0)
	U	132	(50)	5	(2)	30	(11)	0	(0)	0	(0)	14	(5)	82	(31)	1	(0)	1	(0)	265 (3.0)
	V	161	(26)	63	(10)	116	(19)	0	(0)	0	(0)	54	(9)	209	(34)	0	(0)	11	(2)	614 (6.9)
	W	116	(27)	36	(8)	117	(27)	2	(0)	2	(0)	11	(3)	128	(30)	0	(0)	17	(4)	429 (4.8)
	X	89	(18)	43	(9)	161	(35)	36	(7)	0	(0)	21	(4)	119	(25)	3	(1)	13	(3)	482 (5.4)
	Y	89	(24)	44	(9)	27	(12)	2	(1)	3	(1)	12	(5)	83	(35)	3	(1)	0	(0)	230 (2.6)
	Z	147	(52)	0	(0)	6	(2)	3	(1)	1	(0)	9	(3)	111	(39)	0	(0)	6	(2)	283 (3.2)
	ZA	155	(42)	1	(0)	21	(6)	57	(15)	2	(1)	9	(2)	122	(33)	4	(1)	1	(0)	372 (4.2)
	ZB	45	(29)	0	(0)	10	(6)	2	(1)	1	(1)	9	(6)	85	(55)	2	(1)	0	(0)	154 (1.7)
2008 Total		2,702	(30.2)	684	(7.7)	1,385	(15.5)	299	(3.3)	45	(0.5)	359	(4.0)	3,125	(35.0)	71	(0.8)	263	(3.9)	8,933
2009	A	64	(22)	0	(0)	4	(1)	1	(0)	0	(0)	1	(0)	217	(75)	1	(0)	1	(0)	289 (3.1)
	B	162	(65)	1	(0)	2	(1)	3	(1)	0	(0)	9	(4)	71	(28)	3	(1)	0	(0)	251 (2.7)
	C	76	(31)	65	(27)	47	(19)	3	(1)	5	(2)	25	(10)	16	(7)	6	(2)	0	(0)	243 (2.6)
	D	165	(40)	58	(14)	25	(6)	6	(1)	0	(0)	28	(7)	125	(31)	0	(0)	1	(0)	408 (4.4)
	E1	207	(29)	15	(5)	248	(54)	31	(4)	9	(1)	5	(1)	205	(25)	6	(1)	0	(0)	727 (7.0)
	E2	7	(4)	24	(4)	86	(51)	11	(7)	0	(0)	9	(0)	33	(20)	7	(4)	0	(0)	168 (1.8)
	F	32	(5)	33	(5)	65	(10)	0	(0)	0	(0)	8	(1)	308	(48)	12	(2)	183	(29)	641 (7.0)
	G	9	(43)	8	(38)	0	(0)	0	(0)	1	(0)	3	(1)	14	(0)	0	(0)	0	(0)	21 (0.2)
	H	205	(63)	9	(3)	13	(4)	4	(1)	0	(0)	6	(2)	87	(27)	1	(0)	0	(0)	322 (3.5)
	I	165	(33)	0	(0)	33	(10)	0	(0)	0	(0)	15	(0)	159	(55)	2	(1)	0	(0)	321 (3.5)
	J	54	(55)	0	(0)	0	(0)	1	(2)	0	(0)	2	(3)	22	(37)	0	(0)	0	(0)	59 (0.6)
	K	83	(22)	3	(1)	82	(22)	8	(2)	3	(1)	27	(7)	171	(45)	4	(1)	0	(0)	381 (4.1)
	L	66	(31)	9	(4)	20	(9)	0	(0)	0	(0)	7	(3)	112	(52)	0	(0)	0	(0)	214 (2.3)
	M	81	(34)	29	(12)	15	(6)	1	(0)	2	(1)	18	(8)	87	(37)	4	(2)	0	(0)	237 (2.6)
	N	47	(28)	29	(7)	28	(17)	3	(2)	0	(0)	12	(7)	42	(25)	2	(1)	0	(0)	163 (1.8)
	O	77	(17)	3	(3)	33	(11)	23	(25)	3	(0)	12	(13)	33	(30)	2	(2)	0	(0)	191 (1.1)
	P	170	(28)	82	(14)	104	(17)	3	(1)	0	(0)	36	(6)	198	(33)	4	(1)	0	(0)	597 (6.5)
	Q	102	(31)	38	(11)	69	(21)	6	(2)	5	(2)	18	(5)	93	(28)	1	(0)	0	(0)	332 (3.6)
	R	86	(23)	45	(2)	113	(30)	8	(2)	3	(1)	27	(7)	98	(26)	1	(0)	0	(0)	381 (4.1)
	S	58	(38)	2	(0)	2	(2)	8	(6)	0	(0)	4	(4)	41	(45)	0	(0)	1	(1)	100 (1.2)
	T	140	(47)	4	(1)	5	(3)	5	(2)	2	(1)	10	(3)	130	(45)	0	(0)	0	(0)	299 (3.0)
	U	137	(47)	1	(0)	16	(5)	6	(2)	1	(0)	12	(4)	120	(41)	0	(0)	0	(0)	293 (3.2)
	V	184	(26)	77	(11)	138	(20)	0	(0)	0	(0)	56	(8)	243	(35)	0	(0)	3	(0)	707 (7.6)
	W	90	(25)	19	(5)	121	(34)	1	(0)	3	(1)	11	(3)	96	(27)	1	(0)	15	(4)	357 (3.9)
	X	104	(22)	35	(7)	154	(33)	28	(6)	0	(0)	17	(4)	116	(25)	7	(1)	11	(2)	472 (5.1)
	Y	45	(26)	51	(15)	15	(9)	4	(2)	3	(2)	21	(1)	47	(29)	3	(2)	9	(4)	171 (1.6)
	Z	122	(53)	0	(0)	8	(3)	3	(1)	1	(0)	3	(1)	81	(35)	4	(2)	9	(4)	231 (2.5)
	ZA	158	(40)	1	(0)	28	(7)	50	(13)	0	(0)	8	(2)	148	(37)	3	(1)	0	(0)	399 (4.3)
	ZB	135	(44)	1	(0)	4	(1)	3	(1)	0	(0)	11	(4)	148	(48)	1	(0)	6	(2)	309 (3.4)
2009 Total		2,871	(31.2)	626	(6.8)	1,457	(15.8)	221	(2.4)	40	(0.4)	410	(4.5)	3,264	(35.5)	75	(0.8)	231	(2.5)	9,195
2010	A	108	(35)	3	(1)	13	(4)	5	(2)	0	(0)	3	(1)	167	(54)	1	(0)	8	(3)	308 (3.2)
	B	182	(65)	2	(1)	3	(1)	1	(0)	0	(0)	6	(2)	83	(30)	2	(1)	1	(0)	288 (2.9)
	C	43	(24)	48	(27)	39	(22)	3	(2)	3	(2)	30	(17)	11	(6)	3	(2)	0	(0)	180 (1.9)
	D	172	(40)	20	(19)	20	(5)	8	(2)	0	(0)	16	(4)	124	(29)	5	(1)	0	(0)	422 (4.4)
	E1	174	(29)	24	(6)	228	(56)	20	(3)	0	(0)	5	(0)	226	(33)	3	(0)	0	(0)	676 (7.1)
	E2	17	(8)	32	(15)	107	(50)	12	(6)	0	(0)	3	(1)	39	(16)	6	(3)	0	(0)	216 (2.3)
	F	24	(4)	50	(8)	53	(9)	1	(0)	0	(0)	11	(2)	239	(38)	7	(1)	238	(38)	623 (6.5)
	G	3	(11)	15	(56)	0	(0)	0	(0)	0	(0)	3	(1)	6	(22)	0	(0)	27	(0.3)	
	H	140	(47)	5	(2)	16	(5)	14	(5)	0	(0)	13	(4)	104	(35)	2	(1)	1	(0)	296 (3.1)
	I	59	(35)	5	(2)	24	(9)	0	(0)	0	(0)	16	(4)	153	(45)	0	(0)	0	(0)	275 (2.6)
	J	28	(74)	0	(0)	0	(0)	0	(0)	0	(0)	4	(10)	6	(15)	0	(0)	0	(0)	39 (0.4)
	K	71	(20)	11	(3)	53	(15)	26	(7)	4	(1)</									

**Table 16 Admissions by primary diagnostic group and age, 2008 - 2010**

Diagnostic Group	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
<b>Blood / lymphatic</b>	107	(20)	170	(32)	141	(27)	114	(21)	<b>532</b>	<b>(1.0)</b>
<b>Body wall and cavities</b>	953	(88)	83	(8)	33	(3)	20	(2)	<b>1,089</b>	<b>(2.1)</b>
<b>Cardiovascular</b>	9,350	(63)	3,205	(21)	1,404	(9)	991	(7)	<b>14,951</b>	<b>(28.6)</b>
<b>Endocrine / metabolic</b>	473	(36)	280	(22)	236	(18)	310	(24)	<b>1,299</b>	<b>(2.5)</b>
<b>Gastrointestinal</b>	2,200	(61)	692	(19)	378	(11)	319	(9)	<b>3,589</b>	<b>(6.9)</b>
<b>Infection</b>	1,446	(47)	946	(31)	379	(12)	292	(10)	<b>3,063</b>	<b>(5.9)</b>
<b>Multisystem</b>	74	(50)	44	(30)	20	(14)	9	(6)	<b>147</b>	<b>(0.3)</b>
<b>Musculoskeletal</b>	152	(8)	254	(13)	329	(17)	1,161	(61)	<b>1,896</b>	<b>(3.6)</b>
<b>Neurological</b>	1,504	(26)	2,087	(36)	1,174	(20)	983	(17)	<b>5,748</b>	<b>(11.0)</b>
<b>Oncology</b>	289	(16)	597	(34)	445	(25)	444	(25)	<b>1,775</b>	<b>(3.4)</b>
<b>Respiratory</b>	6,921	(51)	4,026	(30)	1,561	(11)	1,107	(8)	<b>13,616</b>	<b>(26.0)</b>
<b>Trauma</b>	146	(10)	419	(28)	404	(27)	554	(36)	<b>1,523</b>	<b>(2.9)</b>
<b>Other</b>	986	(39)	741	(29)	354	(14)	469	(18)	<b>2,550</b>	<b>(4.9)</b>
<b>Unknown</b>	291	(52)	154	(28)	68	(12)	44	(8)	<b>559</b>	<b>(1.1)</b>
<b>Total</b>	<b>24,892</b>	<b>(47.6)</b>	<b>13,698</b>	<b>(26.2)</b>	<b>6,926</b>	<b>(13.2)</b>	<b>6,817</b>	<b>(13.0)</b>	<b>52,337</b>	

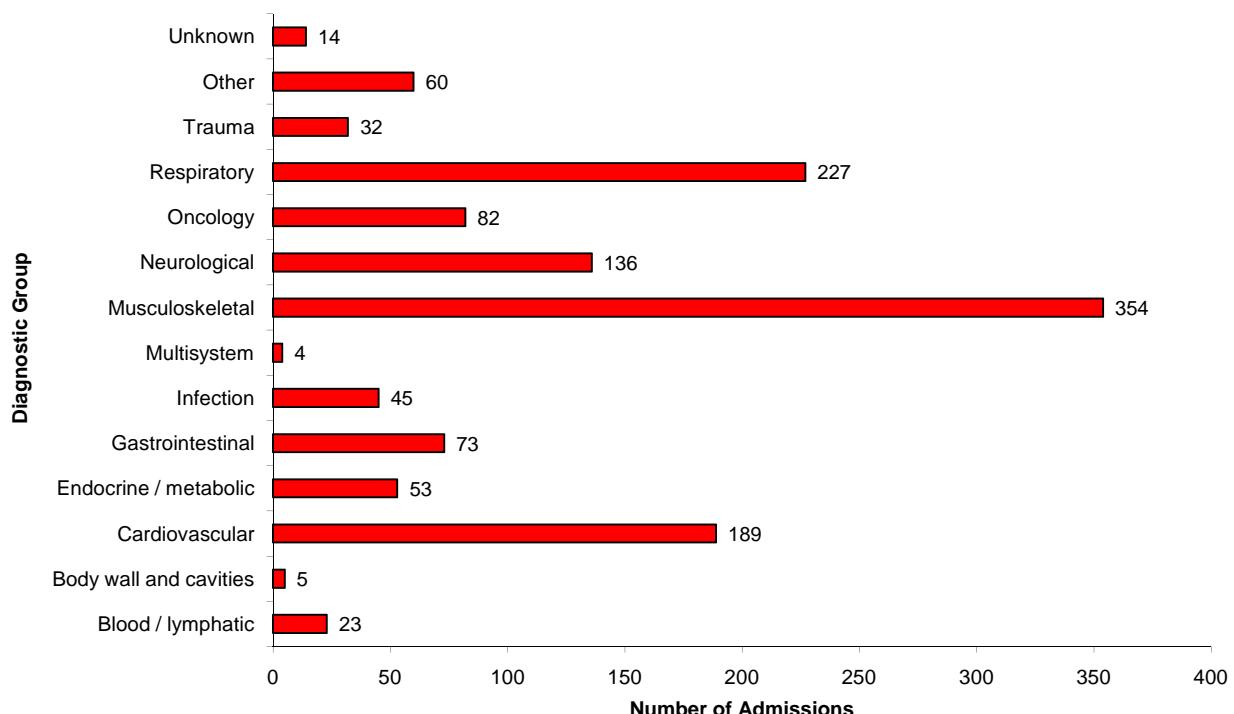
**Figure 16 Admissions by primary diagnostic group, 2008 - 2010**



**Table 17 Admissions by primary diagnostic group and age (16+), 2008 - 2010**

Diagnostic Group	Age Group (Years)								Total	
	16		17-20		21-25		26+			
	n	%	n	%	n	%	n	%	n	%
Blood / lymphatic	15	(65)	8	(35)	0	(0)	0	(0)	23	(1.8)
Body wall and cavities	3	(60)	2	(40)	0	(0)	0	(0)	5	(0.4)
Cardiovascular	100	(53)	82	(43)	3	(2)	4	(2)	189	(14.6)
Endocrine / metabolic	35	(66)	18	(34)	0	(0)	0	(0)	53	(4.1)
Gastrointestinal	45	(62)	27	(37)	1	(1)	0	(0)	73	(5.6)
Infection	27	(60)	17	(38)	1	(2)	0	(0)	45	(3.5)
Multisystem	2	(50)	2	(50)	0	(0)	0	(0)	4	(0.3)
Musculoskeletal	191	(54)	159	(45)	3	(1)	1	(0)	354	(27.3)
Neurological	79	(58)	56	(41)	1	(1)	0	(0)	136	(10.5)
Oncology	45	(55)	37	(45)	0	(0)	0	(0)	82	(6.3)
Respiratory	132	(58)	92	(41)	3	(1)	0	(0)	227	(17.5)
Trauma	28	(88)	4	(13)	0	(0)	0	(0)	32	(2.5)
Other	39	(65)	21	(35)	0	(0)	0	(0)	60	(4.6)
Unknown	7	(50)	6	(43)	0	(0)	1	(7)	14	(1.1)
<b>Total</b>	<b>748</b>	<b>(57.7)</b>	<b>531</b>	<b>(40.9)</b>	<b>12</b>	<b>(0.9)</b>	<b>6</b>	<b>(0.5)</b>	<b>1,297</b>	

**Figure 17 Admissions by primary diagnostic group, 2008 - 2010**



**Table 18 Admissions by primary diagnostic group by NHS trust, 2008 - 2009**

Table 19 Admissions by primary diagnostic group (planned - following surgery) by NHS trust, 2008- 2010

Admission year	NHS Trust	Diagnostic Group														Total																	
		Blood / lymphatic	Body wall and cavities	Cardiovascular	Endocrine / metabolic	Gastrointestinal	Infection	Multisystem	Musculoskeletal	Neurological	Oncology	Respiratory	Trauma	Other	Unknown																		
n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%																
2008	A	2	(1)	2	(1)	1	(1)	12	(8)	2	(1)	3	(2)	28	(20)	21	(15)	51	(36)	13	(9)	1	(1)	6	(4)	0	(0)	143	(0.6)				
	B	1	(2)	3	(6)	0	(0)	1	(2)	21	(39)	2	(4)	0	(0)	4	(7)	0	(0)	18	(33)	1	(2)	3	(6)	0	(0)	54	(1.0)				
	C	0	(0)	1	(1)	0	(0)	1	(1)	1	(1)	1	(1)	45	(58)	1	(1)	3	(4)	18	(23)	0	(0)	6	(8)	0	(0)	78	(1.4)				
	D	1	(1)	4	(3)	3	(2)	6	(4)	27	(18)	3	(2)	1	(1)	20	(14)	17	(12)	15	(10)	39	(27)	1	(1)	10	(7)	0	(0)	147	(2.7)		
	E1	4	(3)	6	(4)	7	(5)	2	(1)	28	(21)	2	(1)	2	(1)	22	(16)	7	(5)	11	(8)	26	(19)	0	(0)	19	(14)	0	(0)	136	(2.5)		
	E2	0	(0)	2	(0)	418	(95)	0	(0)	1	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	14	(3)	1	(0)	2	(0)	0	(0)	441	(8.1)		
	F	0	(0)	1	(0)	305	(71)	4	(1)	6	(1)	11	(1)	0	(0)	69	(59)	0	(0)	1	(0)	25	(22)	2	(0)	14	(3)	0	(0)	397	(0.9)		
	H	0	(0)	1	(1)	3	(3)	2	(2)	45	(43)	3	(3)	0	(0)	0	(0)	10	(10)	18	(17)	10	(10)	3	(3)	4	(4)	6	(6)	105	(1.9)		
	I	0	(0)	1	(0)	239	(68)	2	(1)	23	(7)	2	(1)	0	(0)	17	(5)	14	(4)	24	(7)	15	(4)	1	(0)	13	(4)	0	(0)	351	(6.5)		
	J	0	(0)	2	(4)	0	(0)	1	(2)	24	(53)	0	(0)	2	(4)	0	(0)	2	(4)	0	(0)	6	(13)	0	(0)	8	(18)	0	(0)	45	(0.8)		
	K	2	(1)	16	(5)	166	(56)	0	(0)	27	(5)	5	(2)	4	(1)	3	(1)	18	(6)	23	(8)	17	(6)	0	(0)	14	(5)	0	(0)	295	(5.4)		
	L	0	(0)	0	(0)	0	(0)	0	(0)	1	(2)	0	(0)	0	(0)	33	(77)	0	(0)	0	(0)	5	(12)	1	(2)	3	(7)	0	(0)	43	(0.8)		
	M	0	(0)	2	(1)	1	(1)	0	(0)	6	(7)	0	(0)	0	(0)	27	(27)	3	(3)	20	(14)	14	(10)	16	(10)	0	(0)	88	(1.6)				
	N	1	(1)	5	(5)	74	(73)	0	(0)	2	(2)	0	(0)	1	(1)	2	(2)	3	(3)	9	(9)	0	(0)	2	(2)	0	(0)	102	(1.9)				
	O	0	(0)	2	(1)	335	(89)	0	(0)	7	(2)	2	(1)	0	(0)	5	(1)	0	(0)	3	(1)	15	(4)	0	(0)	6	(2)	2	(1)	377	(7.0)		
	P	1	(0)	18	(4)	300	(67)	1	(0)	27	(6)	2	(0)	4	(1)	14	(3)	19	(4)	16	(4)	34	(8)	4	(1)	9	(2)	0	(0)	449	(8.3)		
	Q	1	(1)	5	(3)	2	(1)	2	(1)	25	(17)	4	(3)	0	(0)	20	(15)	17	(11)	19	(13)	42	(28)	1	(1)	11	(7)	0	(0)	149	(2.8)		
	R	0	(0)	4	(1)	176	(52)	0	(0)	13	(5)	2	(1)	0	(0)	20	(16)	9	(3)	6	(4)	10	(4)	5	(2)	0	(0)	240	(0.9)				
	S	0	(0)	0	(0)	2	(4)	0	(0)	0	(0)	0	(0)	0	(0)	34	(56)	2	(4)	0	(0)	10	(20)	2	(4)	0	(0)	50	(0.9)				
	T	2	(2)	3	(2)	0	(0)	0	(0)	27	(20)	0	(0)	0	(0)	7	(5)	9	(7)	43	(33)	20	(15)	7	(5)	13	(1)	1	(1)	132	(2.4)		
	U	1	(6)	0	(0)	1	(6)	0	(0)	6	(38)	1	(6)	0	(0)	0	(0)	1	(6)	4	(25)	1	(6)	0	(0)	0	(0)	81	(1.4)				
	V	0	(0)	6	(2)	258	(77)	6	(2)	19	(6)	1	(0)	0	(0)	9	(3)	6	(2)	9	(3)	0	(0)	6	(2)	0	(0)	335	(6.2)				
	W	2	(1)	0	(0)	211	(83)	0	(0)	8	(3)	3	(1)	0	(0)	0	(0)	2	(1)	1	(2)	0	(0)	4	(2)	0	(0)	255	(4.7)				
	X	1	(0)	10	(5)	120	(55)	1	(0)	12	(6)	23	(11)	0	(0)	5	(2)	7	(2)	17	(9)	3	(1)	21	(1)	0	(0)	207	(3.7)				
	Y	1	(1)	5	(3)	4	(2)	0	(0)	7	(4)	3	(2)	1	(1)	83	(16)	16	(9)	18	(10)	29	(16)	3	(2)	7	(4)	0	(0)	177	(3.0)		
	Z	3	(7)	1	(2)	0	(0)	1	(2)	4	(10)	1	(2)	0	(0)	0	(0)	6	(14)	2	(5)	21	(50)	1	(2)	2	(5)	0	(0)	42	(0.8)		
	ZA	4	(1)	3	(1)	209	(47)	5	(1)	21	(5)	6	(1)	0	(0)	2	(30)	9	(2)	42	(9)	3	(1)	97	(22)	0	(0)	443	(8.2)				
	ZB	1	(2)	9	(14)	13	(20)	1	(2)	8	(13)	0	(0)	0	(0)	12	(19)	3	(5)	7	(11)	1	(2)	6	(9)	0	(0)	64	(1.2)				
2008 Total		28	(0.5)	112	(2.1)	2,858	(52.8)	38	(0.7)	407	(7.5)	67	(2.6)	2,05	(0.5)	514	(9.5)	219	(4.0)	315	(5.8)	495	(9.1)	37	(0.7)	290	(5.4)	9	(0.2)	5,415			
2009	A	2	(1)	10	(6)	2	(1)	1	(1)	29	(17)	3	(2)	0	(0)	30	(17)	16	(9)	51	(29)	16	(9)	3	(2)	11	(6)	0	(0)	174	(0.0)		
	B	1	(1)	3	(2)	0	(0)	2	(2)	38	(30)	1	(1)	0	(0)	2	(2)	6	(5)	1	(1)	53	(42)	2	(2)	16	(13)	0	(0)	125	(2.1)		
	C	0	(0)	2	(2)	0	(0)	0	(0)	3	(4)	1	(1)	0	(0)	52	(64)	2	(2)	2	(2)	14	(17)	1	(1)	4	(5)	0	(0)	81	(1.4)		
	D	0	(0)	6	(3)	6	(3)	5	(1)	30	(21)	3	(2)	1	(1)	31	(31)	1	(1)	6	(4)	25	(17)	0	(0)	180	(3.1)						
	E1	0	(0)	11	(7)	5	(5)	3	(3)	33	(22)	2	(1)	0	(0)	0	(0)	26	(17)	11	(7)	16	(11)	27	(15)	0	(0)	152	(2.6)				
	E2	0	(0)	3	(1)	433	(53)	0	(0)	5	(0)	0	(0)	0	(0)	2	(2)	0	(0)	0	(0)	16	(16)	0	(0)	0	(0)	0	(0)	410	(0.0)		
	F	0	(0)	2	(0)	303	(74)	2	(1)	0	(0)	6	(5)	1	(0)	0	(0)	59	(14)	0	(0)	0	(0)	0	(0)	24	(6)	1	(0)	410	(7.0)		
	H	0	(0)	3	(2)	5	(3)	3	(2)	31	(20)	1	(1)	0	(0)	3	(2)	21	(14)	30	(20)	15	(10)	2	(1)	37	(24)	2	(1)	153	(2.6)		
	I	1	(0)	5	(1)	236	(62)	1	(0)	21	(6)	7	(2)	1	(0)	25	(7)	14	(4)	39	(10)	16	(4)	1	(0)	13	(3)	0	(0)	380	(6.5)		
	J	1	(0)	10	(3)	32	(0)	0	(0)	9	(0)	0	(0)	0	(0)	10	(0)	0	(0)	2	(0)	2	(2)	0	(0)	3	(0.5)	31	(0.5)				
	K	4	(1)	22	(7)	185	(56)	1	(0)	15	(5)	2	(1)	0	(0)	0	(0)	15	(16)	17	(6)	53	(33)	22	(12)	0	(0)	30	(0.6)	305	(2.2)		
	L	0	(0)	0	(0)	1	(1)	1	(1)	21	(14)	1	(1)	0	(0)	11	(8)	17	(12)	45	(31)	33	(23)	3	(2)	7	(5)	0	(0)	145	(2.5)		
	M	0	(0)	3	(15)	0	(0)	1	(5)	5	(25)	0	(0)	0	(0)	0	(0)	0	(0)	1	(5)	0	(0)	0	(0)	20	(0.3)	0	(0)	30	(0.0)		
	N	0	(0)	3	(2)	18	(7)	0	(0)	1	(2)	22	(5)	2	(0)	0	(0)	7	(2)	17	(4)	0	(0)	1	(0)	0	(0)	478	(8.1)				
	O	0	(0)	2	(0)	201	(69)	1	(0)	6	(5)	0	(0)	1	(0)	1	(0)	1	(0)	8	(6)	5	(4)	0	(0)	220	(0.4)	317	(0.0)				
	P	0	(0)	4	(2)	215	(72)	0	(0)	6	(9)	0	(0)	1	(1)	87	(46)	22	(12)	20	(11)	30	(16)	3	(2)	2	(1)	0	(0)	217	(3.7)		
	Q	3	(5)	2	(4)	1	(1)	2	(1)	12	(22)	0	(0)	0	(0)	4	(7)	7	(2)	20	(4)	56	(16)	3	(2)	13	(10)	0	(0)	188	(3.2)		
	R	0	(0)	9	(1)	0	(0)	0	(0)	0	(0)	7	(0)	0	(0)	0	(0)	7	(2)	4	(6)	6	(9)	0	(0)	1	(1)	4	(6)	55	(0.9)		
	S	0	(0)	0	(0)	243	(67)	0	(0)	27	(7)	0	(0)	1	(0)	0	(0)	43	(12)	8	(2)	13	(4)	14	(4)	0	(0)	3	(1)	4	(1)	363	(5.5)
	T	2	(1)	1	(1)	1	(1)	0	(0)	0	(0)	0	(0)	0	(0)	6	(26)	1	(4)	0	(0)	7	(30)	4	(17)	3	(3)	0	(0)	23	(0.3)		
	U	3	(13)	1	(4)	2	(8)	0	(0)	10	(42)	1	(4)	0	(0)	0	(0)	0	(0)	0	(0)	7	(29)	0	(0)	0	(0)	0	(0)	153	(2.3)		
	V	1	(0)	4	(1)	332	(77)	4	(1)	22	(5)	6	(1)	9	(2)	4	(1)	24	(1)	12	(9)	14	(10)	0	(0)	16	(4)	0	(0)	24	(0.4)		

**Table 20 Admissions by primary diagnostic group (unplanned - following surgery) by NHS trust, 2008 - 2010**

Admission year	NHS Trust	Diagnostic Group																		Total											
		Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown			
n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%				
2008	A	0	(0)	0	(0)	1	(3)	2	(6)	10	(29)	0	(0)	1	(3)	0	(0)	7	(20)	5	(14)	2	(6)	3	(9)	4	(11)	0	(0)		
	B	0	(0)	0	(0)	0	(0)	0	(0)	6	(33)	1	(6)	0	(0)	0	(0)	1	(6)	0	(0)	9	(50)	1	(6)	0	(0)	0	(0)		
	C	0	(0)	1	(8)	0	(0)	0	(0)	1	(8)	2	(15)	0	(0)	0	(0)	3	(23)	1	(8)	4	(31)	1	(8)	0	(0)	0	(0)		
	D	0	(0)	3	(4)	5	(7)	1	(1)	13	(18)	0	(0)	0	(0)	2	(3)	10	(14)	5	(75)	25	(34)	2	(3)	7	(10)	0	(0)		
	E1	0	(0)	0	(0)	0	(0)	0	(0)	3	(35)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)		
	E2	0	(0)	0	(0)	5	(83)	0	(0)	0	(0)	1	(17)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)		
	F	0	(0)	0	(0)	78	(79)	2	(2)	1	(1)	2	(2)	0	(0)	0	(0)	0	(0)	0	(0)	13	(13)	0	(0)	0	(0)	2	(2)	1	(1)
	G	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(33)	0	(0)	0	(0)	2	(67)	0	(0)		
	H	0	(0)	0	(0)	1	(6)	0	(0)	4	(22)	0	(0)	0	(0)	0	(0)	5	(28)	0	(0)	2	(11)	3	(17)	2	(11)	1	(6)		
	I	0	(0)	1	(2)	13	(31)	2	(2)	5	(7)	17	(2)	5	(0)	0	(0)	4	(1)	2	(4)	14	(34)	0	(0)	0	(0)	0	(0)		
	J	0	(0)	0	(0)	0	(0)	0	(0)	5	(49)	1	(6)	0	(0)	0	(0)	3	(25)	0	(0)	2	(17)	0	(0)	1	(8)	0	(0)		
	K	0	(0)	6	(7)	14	(16)	0	(0)	25	(28)	4	(5)	0	(0)	4	(5)	3	(3)	7	(8)	11	(13)	6	(7)	8	(9)	0	(0)		
	L	0	(0)	0	(0)	0	(0)	0	(0)	2	(40)	0	(0)	0	(0)	0	(0)	1	(20)	0	(0)	1	(20)	1	(20)	0	(0)	0	(0)		
	M	0	(0)	1	(2)	3	(6)	0	(0)	5	(10)	2	(4)	0	(0)	1	(2)	6	(12)	3	(6)	14	(29)	5	(10)	9	(18)	0	(0)		
	N	1	(4)	4	(4)	1	(4)	0	(0)	4	(17)	3	(13)	0	(0)	1	(4)	5	(22)	0	(0)	4	(17)	1	(4)	2	(9)	0	(0)		
	O	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	0	(0)	1	(9)	2	(18)	0	(0)	0	(0)	1	(9)	0	(0)	0	(0)	3	(27)	1	(9)	2	(18)	1	(9)	0	(0)	0	(0)		
	Q	2	(5)	5	(14)	0	(0)	0	(0)	8	(22)	4	(11)	0	(0)	0	(0)	6	(16)	2	(5)	9	(24)	0	(0)	1	(3)	0	(0)		
	R	0	(0)	2	(7)	2	(7)	0	(0)	9	(30)	1	(3)	0	(0)	0	(0)	7	(23)	3	(10)	5	(20)	0	(0)	0	(0)	0	(0)		
	S	0	(0)	0	(0)	0	(0)	0	(0)	1	(10)	0	(0)	0	(0)	0	(0)	1	(10)	0	(0)	5	(10)	2	(20)	0	(0)	0	(0)		
	T	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	6	(21)	1	(5)	8	(22)	7	(3)	1	(2)	0	(0)		
	U	0	(0)	0	(0)	1	(1)	0	(0)	3	(39)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	5	(39)	1	(3)	0	(0)	0	(0)		
	V	1	(2)	1	(2)	21	(40)	0	(0)	7	(13)	3	(6)	0	(0)	1	(2)	4	(8)	3	(6)	8	(15)	2	(4)	2	(4)	0	(0)		
	W	0	(0)	0	(0)	7	(33)	0	(0)	7	(33)	2	(10)	0	(0)	0	(0)	0	(0)	1	(5)	3	(14)	0	(0)	1	(5)	0	(0)		
	X	0	(0)	1	(3)	0	(0)	0	(0)	11	(28)	6	(15)	0	(0)	2	(5)	7	(18)	0	(0)	11	(28)	1	(3)	0	(0)	0	(0)		
	Y	1	(4)	1	(4)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	9	(35)	1	(4)	0	(0)	0	(0)	0	(0)		
	Z	0	(0)	2	(2)	17	(19)	2	(2)	20	(23)	9	(10)	3	(3)	1	(1)	6	(7)	2	(16)	18	(2)	2	(8)	0	(0)	0	(0)		
	ZA	0	(0)	0	(0)	3	(12)	1	(4)	5	(20)	0	(0)	0	(0)	1	(4)	2	(8)	6	(24)	1	(4)	16	(26)	0	(0)	0	(0)		
	ZB	0	(0)	0	(0)	3	(12)	1	(4)	5	(20)	0	(0)	0	(0)	1	(4)	2	(8)	6	(24)	1	(4)	16	(26)	0	(0)	0	(0)		
2008 Total		5	(0.6)	26	(2.9)	178	(20.0)	11	(1.2)	176	(19.7)	48	(5.4)	4	(4.0)	13	(1.5)	94	(19.5)	39	(4.4)	186	(20.9)	42	(4.7)	65	(7.3)	5	(0.5)	892	
2009	A	0	(0)	2	(5)	2	(5)	5	(1)	9	(22)	4	(10)	0	(0)	2	(5)	6	(15)	3	(7)	5	(7)	5	(15)	1	(5)	0	(0)		
	B	2	(7)	0	(0)	0	(0)	0	(0)	8	(30)	1	(3)	0	(0)	0	(0)	0	(0)	1	(3)	14	(47)	0	(0)	3	(10)	0	(0)		
	C	1	(8)	1	(6)	0	(0)	1	(8)	0	(0)	3	(23)	0	(0)	2	(5)	15	(0)	0	(0)	4	(31)	0	(0)	1	(8)	0	(0)		
	D	2	(2)	0	(0)	3	(4)	2	(2)	15	(19)	4	(5)	0	(0)	4	(5)	13	(16)	4	(5)	28	(35)	2	(2)	4	(5)	0	(0)		
	E1	0	(0)	0	(0)	0	(0)	1	(13)	0	(0)	1	(13)	1	(1)	0	(0)	0	(0)	2	(25)	0	(0)	1	(13)	2	(25)	0	(0)		
	E2	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)		
	F	0	(0)	1	(1)	60	(67)	7	(1)	1	(1)	1	(2)	1	(1)	4	(4)	4	(4)	0	(0)	12	(13)	1	(1)	0	(0)	0	(0)		
	G	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	3	(100)	0	(0)	0	(0)	0	(0)	0	(0)				
	H	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	4	(19)	2	(10)	0	(0)	0	(0)	4	(19)	1	(5)	1	(5)	7	(33)	1	(5)		
	I	1	(2)	0	(0)	7	(16)	1	(2)	5	(12)	2	(5)	0	(0)	0	(0)	2	(5)	2	(5)	12	(28)	8	(19)	3	(7)	0	(0)		
	J	0	(0)	0	(0)	0	(0)	0	(0)	10	(48)	1	(5)	0	(0)	0	(0)	1	(5)	0	(0)	5	(24)	0	(0)	2	(10)	2	(21)		
	K	3	(5)	7	(8)	15	(15)	1	(1)	26	(81)	2	(2)	0	(0)	3	(3)	3	(35)	0	(0)	16	(15)	1	(5)	0	(0)	0	(0)		
	L	0	(0)	0	(0)	0	(0)	0	(0)	2	(22)	0	(0)	0	(0)	0	(0)	7	(19)	1	(3)	10	(31)	0	(0)	0	(0)	0	(0)		
	M	0	(0)	1	(3)	0	(0)	0	(0)	3	(29)	1	(3)	0	(0)	0	(0)	7	(29)	1	(3)	10	(31)	0	(0)	0	(0)	0	(0)		
	N	0	(0)	1	(3)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)		
	O	0	(0)	1	(4)	1	(4)	0	(0)	0	(0)	3	(12)	2	(8)	0	(0)	3	(12)	4	(14)	10	(32)	2	(8)	0	(0)	0	(0)		
	P	0	(0)	8	(14)	6	(10)	0	(0)	16	(28)	6	(10)	0	(0)	1	(2)	6	(10)	4	(7)	10	(17)	0	(0)	1	(2)	0	(0)		
	Q	0	(0)	2	(6)	0	(0)	0	(0)	4	(12)	1	(3)	0	(0)	0	(0)	9	(26)	0	(0)	6	(18)	3	(9)	0	(0)	9	(26)		
	R	0	(0)	1	(3)	5	(17)	0	(0)	9	(30)	2	(7)	0	(0)	0	(0)	3	(10)	3	(10)	4	(35)	0	(0)	0	(0)	0	(0)		
	S	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(10)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)		
	T	0	(0)	1	(2)	2	(5)	1	(2)	11	(26)	0	(0)	0	(0)	2	(5)	10	(24)	4	(10)	8	(19)	0	(0)	3	(7)	0	(0)		
	U	0	(0)	0	(0)	0	(0)	0	(0)	3	(30)	1	(10)	0	(0)	0	(0)	0	(0)	0	(0)	6	(60)	0	(0)	0	(0)	0	(0)		
	V	0	(0)	4	(6)	25	(35)	2	(3)	13	(18)	1	(1)	1	(1)	2	(3)	3	(4)	6	(8)	7	(10)	0	(0)	6	(8)	1	(1)		
	W	0	(0)	2	(11)	0	(0)	0	(0)	8	(42)	2	(11)	0	(0)	0	(0)	0	(0)	1	(5)	1	(4)	0	(0)	4	(21)	1	(5)		
	X	0	(0)	1	(5)	1	(5)	1	(5)	6	(15)	4	(10)	1	(5)	2	(3)	5	(1)	2	(14)	9	(44)	1	(10)	2	(1)	2	(1)		
	Y	0	(0)	1	(2)	2	(5)	1	(5)	6	(15)	4	(10)	0	(0)	2	(3)	7	(2)	5	(1)	2	(14)	4	(1)	6	(21)	1	(5)		
	Z	0	(0)	0	(0)	1	(5)	0	(0)	4	(24)	9	(16)	0	(0)	0	(0)	1	(2)	3	(5)	18	(31)	2	(3)	7	(7)	0	(0)		
	ZA	1	(2)	2	(3)	4	(7)	0	(0)	14	(24)	9	(16)	0	(0)	0	(0)	1	(2)	3	(5)	18	(31)	2	(3)	7	(7)	0	(0)		
	ZB	0	(0)	2	(9)	4	(18)	1	(5)	4	(18)	0	(0)	0	(0)	0	(0)	2	(9)	0	(0)	6	(24)	1	(5)	2	(9)	0	(0)		
	ZD	0	(0)	1	(3)	5	(13)	1	(5)	0	(0)																				

Table 21 Admissions by primary diagnostic group (planned - other) by NHS trust, 2008 - 2010

Admission year	NHS Trust	Diagnostic Group																Total		
		Blood / lymphatic	Body wall and cavities	Cardiovascular	Endocrine / metabolic	Gastrointestinal	Infection	Multisystem	Musculoskeletal	Neurological	Oncology	Respiratory	Trauma	Other	Unknown	n	%			
2008	A	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (11)	1 (6)	0 (0)	6 (33)	5 (28)	1 (6)	3 (17)	0 (0)	0 (0)	18 (1.8)				
	B	1 (5)	6 (30)	0 (0)	0 (0)	3 (15)	2 (10)	0 (0)	0 (0)	0 (0)	0 (0)	5 (25)	0 (0)	3 (15)	0 (0)	20 (2.1)				
	C	0 (0)	0 (0)	1 (25)	0 (0)	0 (0)	1 (25)	0 (0)	0 (0)	0 (0)	1 (25)	1 (25)	0 (0)	0 (0)	0 (0)	4 (0.4)				
	D	1 (2)	0 (0)	4 (8)	0 (0)	0 (0)	4 (8)	1 (2)	2 (4)	8 (16)	3 (6)	22 (45)	2 (4)	2 (4)	0 (0)	49 (5.0)				
	E1	1 (2)	2 (4)	10 (20)	2 (4)	2 (4)	2 (4)	0 (0)	3 (6)	6 (12)	3 (6)	13 (26)	0 (0)	6 (12)	0 (0)	50 (5.1)				
	E2	0 (0)	0 (0)	21 (57)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	0 (0)	15 (41)	0 (0)	0 (0)	0 (0)	37 (3.8)				
	F	0 (0)	0 (0)	4 (17)	0 (0)	0 (0)	2 (8)	0 (0)	5 (25)	0 (0)	0 (0)	0 (0)	16 (59)	0 (0)	0 (0)	24 (2.4)				
	G	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 (0.1)				
	H	1 (2)	0 (0)	2 (3)	2 (3)	15 (24)	2 (3)	0 (0)	0 (0)	10 (16)	6 (10)	4 (6)	2 (3)	17 (27)	2 (3)	63 (6.5)				
	I	5 (8)	0 (0)	24 (38)	7 (11)	0 (0)	0 (0)	0 (0)	1 (2)	2 (3)	9 (14)	15 (23)	0 (0)	0 (0)	1 (2)	64 (6.6)				
	J	1 (50)	0 (0)	0 (0)	0 (0)	1 (50)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (0.2)				
	K	3 (3)	13 (15)	33 (30)	1 (1)	6 (7)	1 (1)	0 (0)	2 (2)	6 (7)	2 (2)	16 (18)	0 (0)	5 (6)	0 (0)	88 (9.0)				
	L	0 (0)	0 (0)	1 (5)	1 (5)	0 (0)	0 (0)	0 (0)	3 (5)	2 (5)	2 (5)	2 (5)	0 (0)	0 (0)	0 (0)	39 (4.1)				
	M	0 (0)	0 (0)	1 (7)	0 (0)	1 (7)	1 (7)	0 (0)	1 (7)	1 (7)	2 (4)	4 (29)	0 (0)	3 (21)	0 (0)	14 (1.4)				
	N	0 (0)	0 (0)	1 (13)	0 (0)	0 (0)	0 (0)	1 (13)	0 (0)	2 (25)	0 (0)	3 (38)	0 (0)	1 (13)	0 (0)	8 (0.8)				
	O	0 (0)	2 (2)	79 (80)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	1 (1)	0 (0)	11 (11)	0 (0)	0 (0)	5 (5)	99 (10.2)			
	P	0 (0)	1 (2)	30 (71)	0 (0)	0 (0)	2 (0)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	7 (17)	0 (0)	2 (5)	0 (0)	42 (4.3)			
	Q	0 (0)	2 (1)	1 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	21 (21)	0 (0)	5 (5)	0 (0)	3 (11)	0 (0)	18 (2.0)				
	R	1 (2)	6 (12)	5 (10)	1 (1)	2 (15)	4 (8)	0 (0)	0 (0)	8 (15)	1 (1)	3 (6)	0 (0)	5 (5)	0 (0)	52 (5.5)				
	S	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (50)	0 (0)	0 (0)	2 (50)	0 (0)	0 (0)	0 (0)	4 (0.4)				
	T	1 (5)	0 (0)	0 (0)	2 (9)	0 (9)	4 (18)	0 (0)	0 (0)	5 (23)	2 (9)	4 (18)	0 (0)	2 (9)	0 (0)	22 (2.3)				
	U	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (8)	0 (0)	7 (58)	0 (0)	4 (33)	0 (0)	12 (1.2)				
	V	1 (1)	2 (2)	21 (53)	2 (2)	11 (21)	1 (1)	0 (0)	0 (0)	5 (5)	2 (5)	2 (14)	1 (1)	5 (5)	0 (0)	97 (10.0)				
	W	0 (0)	0 (0)	3 (27)	0 (0)	0 (0)	0 (0)	0 (0)	3 (27)	0 (0)	9 (30)	0 (0)	0 (0)	0 (0)	11 (11)	0 (0)				
	X	0 (0)	1 (2)	56 (63)	0 (0)	0 (0)	1 (2)	0 (0)	0 (0)	5 (1)	0 (1)	8 (14)	0 (0)	1 (2)	0 (0)	57 (5.9)				
	Y	0 (0)	2 (29)	1 (14)	0 (0)	1 (14)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (14)	0 (0)	0 (0)	7 (0.7)				
	Z	6 (16)	1 (3)	3 (4)	1 (11)	1 (1)	3 (0)	0 (0)	0 (0)	1 (3)	0 (0)	14 (38)	4 (11)	1 (3)	0 (0)	37 (3.8)				
	ZA	2 (10)	0 (0)	5 (25)	1 (5)	5 (0)	0 (0)	0 (0)	2 (10)	1 (5)	2 (10)	1 (5)	3 (15)	0 (0)	20 (2.1)					
	ZB	0 (0)	5 (38)	4 (31)	0 (0)	0 (0)	1 (3)	0 (0)	0 (0)	2 (15)	0 (0)	1 (8)	0 (0)	0 (0)	0 (0)	13 (1.3)				
2008 Total		24 (2.5)	43 (4.4)	321 (33.0)	24 (2.5)	71 (7.3)	29 (3.0)	3 (0.3)	22 (2.3)	81 (8.3)	38 (3.9)	227 (23.3)	14 (1.4)	67 (6.9)	9 (0.9)	973				
2009	A	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	4 (21)	8 (42)	2 (11)	3 (16)	0 (0)	0 (0)	19 (1.8)					
	B	0 (0)	4 (10)	1 (3)	1 (3)	11 (28)	1 (3)	1 (3)	0 (0)	1 (3)	0 (0)	16 (40)	0 (0)	4 (10)	0 (0)	40 (3.9)				
	C	0 (0)	0 (0)	1 (17)	0 (0)	0 (0)	3 (50)	0 (0)	0 (0)	1 (17)	0 (0)	0 (0)	1 (17)	0 (0)	0 (0)	6 (0.6)				
	D	0 (0)	0 (0)	4 (11)	2 (6)	0 (2)	2 (6)	1 (3)	1 (3)	9 (25)	0 (0)	15 (42)	0 (0)	6 (6)	0 (0)	36 (3.5)				
	E1	3 (4)	6 (9)	14 (20)	1 (1)	7 (11)	1 (1)	0 (0)	4 (11)	7 (10)	1 (1)	9 (20)	0 (0)	5 (5)	0 (0)	69 (6.7)				
	E2	0 (0)	0 (0)	16 (57)	0 (0)	0 (0)	1 (4)	0 (0)	1 (1)	0 (0)	0 (0)	10 (36)	0 (0)	0 (0)	0 (0)	28 (2.7)				
	F	0 (0)	0 (0)	3 (30)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	5 (50)	0 (0)	2 (20)	0 (0)	10 (1.0)				
	H	3 (4)	1 (1)	2 (3)	5 (7)	11 (15)	1 (1)	0 (0)	4 (6)	12 (17)	7 (14)	20 (40)	0 (0)	9 (13)	2 (3)	71 (6.9)				
	I	0 (0)	0 (0)	3 (22)	0 (22)	0 (0)	0 (3)	4 (1)	1 (1)	0 (0)	2 (3)	6 (9)	5 (24)	1 (35)	1 (1)	68 (6.6)				
	J	0 (0)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	5 (0.5)				
	K	4 (4)	13 (13)	38 (39)	1 (1)	10 (19)	2 (2)	2 (2)	1 (1)	4 (4)	4 (4)	10 (30)	1 (1)	2 (5)	0 (0)	97 (9.4)				
	L	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (5)	5 (1)	3 (3)	33 (89)	1 (3)	0 (0)	0 (0)	37 (3.6)				
	M	1 (8)	0 (0)	2 (15)	0 (0)	0 (0)	0 (0)	0 (0)	1 (8)	0 (0)	0 (0)	7 (54)	1 (8)	1 (8)	0 (0)	13 (1.3)				
	N	0 (0)	0 (0)	2 (29)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (29)	0 (0)	3 (43)	0 (0)	0 (0)	0 (0)	7 (0.7)				
	O	0 (0)	0 (0)	115 (85)	0 (0)	0 (0)	0 (0)	0 (0)	1 (1)	2 (1)	1 (1)	10 (10)	0 (0)	2 (1)	1 (1)	135 (13.1)				
	P	0 (0)	5 (14)	24 (30)	0 (0)	0 (2)	2 (2)	0 (0)	2 (2)	1 (11)	0 (0)	1 (11)	0 (0)	0 (0)	0 (0)	43 (4.3)				
	Q	0 (0)	2 (22)	0 (0)	0 (0)	1 (1)	1 (11)	0 (0)	1 (1)	1 (11)	0 (0)	3 (3)	0 (0)	0 (0)	0 (0)	9 (0.9)				
	R	0 (0)	12 (17)	16 (22)	1 (1)	13 (18)	2 (3)	0 (0)	0 (0)	3 (4)	1 (4)	1 (20)	0 (0)	4 (6)	0 (0)	72 (7.0)				
	S	0 (0)	0 (0)	2 (13)	0 (0)	0 (0)	3 (20)	0 (0)	1 (7)	0 (0)	0 (0)	6 (40)	1 (7)	2 (13)	0 (0)	15 (1.5)				
	T	0 (0)	0 (0)	1 (9)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (18)	0 (0)	8 (73)	0 (0)	0 (0)	0 (0)	11 (1.1)				
	U	0 (0)	1 (17)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	3 (50)	0 (0)	0 (0)	0 (0)	2 (33)	6 (0.6)			
	V	0 (0)	1 (2)	20 (26)	0 (41)	0 (6)	2 (2)	0 (0)	0 (0)	5 (32)	0 (4)	9 (18)	0 (0)	8 (8)	0 (0)	49 (4.8)				
	W	0 (0)	0 (0)	6 (6)	0 (45)	0 (0)	2 (5)	0 (0)	0 (0)	2 (15)	0 (0)	3 (3)	0 (0)	0 (0)	0 (0)	13 (1.3)				
	X	0 (0)	4 (29)	0 (0)	0 (0)	2 (4)	1 (7)	0 (0)	0 (0)	2 (14)	0 (0)	0 (0)	4 (29)	0 (0)	1 (7)	0 (0)	14 (1.4)			
	Z	6 (14)	3 (7)	0 (0)	2 (2)	5 (10)	0 (23)	0 (0)	0 (0)	0 (0)	1 (2)	0 (0)	19 (44)	0 (0)	0 (0)	2 (5)	0 (0)	43 (4.2)		
	ZA	0 (0)	0 (0)	6 (40)	4 (40)	0 (13)	0 (0)	0 (1)	7 (4)	0 (0)	0 (0)	1 (7)	4 (27)	0 (0)	1 (7)	0 (0)	15 (1.5)			
	ZB	0 (0)	0 (0)	1 (11)	0 (0)	0 (1)	1 (11)	0 (0)	0 (0)	2 (22)	1 (1)	2 (22)	0 (0)	9 (0.9)	0 (0)	9 (0.9)				
2009 Total		19 (1.8)	56 (5.4)	358 (34.7)	16 (1.6)	88 (8.5)	27 (2.6)	7 (0.7)	27 (2.6)	68 (6.6)	27 (2.6)	265 (25.7)	11 (1.1)	52 (5.0)	10 (1.0)	1,031				
2010	A	0 (0)	1 (2)	1 (2)	0 (0)	3 (5)	2 (4)	0 (0)	4 (7)	7 (11)	13 (23)	17 (30)	2 (4)	1 (2)	7 (12)	57 (5.8)				
	B	2 (3)	3 (5)	1 (2)	0 (0)	0 (11)	1 (19)	4 (7)	2 (3)	0 (0)	4 (7)	0 (28)	4 (47)	0 (0)	4 (7)	0 (0)	59 (3.9)			
	C	0 (0)	0 (0)	1 (10)	0 (0)	0 (1)	1 (10)	3 (50)	0 (0)	0 (0)	2 (20)	0 (0)	3 (30)	0 (0)	0 (0)	0 (0)	44 (4.2)			
	E1	0 (0)	2 (2)	16 (30)	1 (1)	2 (5)	2 (4)	0 (0)	2 (8)	4 (15)	0 (0)	15 (28)	0 (0)	3 (6)	0 (0)	54 (5.6)				
	E2	0 (0)	0 (0)	25 (50)	0 (0)	0 (0)	0 (0)	0 (0)	4 (8)	0 (0)	0 (0)	20 (40)	0 (0)	0 (0)	0 (0)	1 (2)	50 (3.3)			
	F	0 (0)	1 (3)	17 (57)	0 (0)	0 (2)	7 (1)	3 (0)	0 (1)	3 (0)	0 (0)	0 (5)	17 (5)	1 (3)	2 (7)	0 (0)	30 (2.0)			
	H	1 (1)	0 (1)	1 (1)	3 (4)	14 (18)	2 (4)	5 (0)	0 (0)	0 (0)	10 (19)	8 (13)	1 (17)	2 (3)	17 (22)	3 (4)	77 (7.1)			
	J	1 (10)	0 (0)	9 (59)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (0)	1 (1)			
	K	3 (2)	25 (16)	37 (23)	2 (1)	13 (6)	4 (14)	9 (1)	0 (0)	0 (0)	1 (1)	11 (7)	3 (2)	33 (21)	1 (1)	17 (11)	0 (0)	160 (10.6)		
	L	0 (0)	0 (0)	0 (0)	0 (0)	1 (1)	2 (0)	0 (0)	1 (2)	6 (13)	0 (0)	40 (83)	0 (0)	0 (0)	0 (0)	48 (3.2)				
	M	0 (0)	0 (0)	2 (5)	0 (33)	0 (0)	2 (3)	1 (7)	0 (0)	0 (0)	0 (0									

Table 22 Admissions by primary diagnostic group (unplanned - other) by NHS trust, 2008-2010

Admission year	NHS Trust	Diagnostic Group																Total												
		Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection	Multisystem	Musculoskeletal	Neurological	Oncology	Respiratory	Trauma	Other	Unknown										
n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%									
2008	A	5	(2)	2	(1)	11	(4)	13	(6)	16	(6)	0	(0)	3	(1)	76	(28)	22	(8)	82	(30)	21	(8)	10	(4)	0	(0)	274 (3.0)		
	B	2	(1)	0	(0)	9	(5)	24	(12)	9	(5)	14	(7)	0	(0)	0	(0)	32	(17)	2	(1)	82	(42)	11	(6)	8	(4)	0	(0)	193 (2.1)
	C	3	(1)	0	(0)	10	(5)	10	(5)	3	(1)	37	(17)	0	(0)	0	(0)	51	(24)	5	(2)	72	(34)	12	(6)	9	(4)	0	(0)	212 (2.4)
	D	0	(0)	2	(1)	29	(8)	16	(4)	8	(2)	49	(13)	0	(0)	1	(0)	87	(23)	7	(2)	154	(40)	20	(5)	12	(3)	0	(0)	385 (4.3)
	E1	12	(2)	27	(6)	70	(10)	44	(6)	80	(11)	46	(7)	1	(0)	4	(1)	91	(15)	16	(2)	229	(32)	10	(1)	36	(5)	0	(0)	697 (7.7)
	E2	0	(0)	3	(2)	115	(62)	1	(1)	1	(1)	7	(6)	0	(0)	0	(0)	0	(0)	61	(15)	2	(1)	54	(29)	0	(0)	186 (2.1)		
	F	7	(1)	2	(0)	102	(17)	20	(3)	7	(1)	59	(10)	0	(0)	1	(0)	62	(10)	0	(0)	294	(49)	13	(2)	31	(5)	7	(1)	605 (6.7)
	G	0	(0)	0	(0)	2	(7)	0	(0)	0	(0)	4	(14)	0	(0)	0	(0)	11	(39)	0	(0)	7	(25)	2	(7)	2	(7)	0	(0)	28 (0.3)
	H	5	(2)	0	(0)	2	(1)	4	(2)	17	(8)	15	(7)	0	(0)	0	(0)	62	(30)	8	(4)	55	(27)	17	(8)	9	(4)	12	(6)	206 (2.3)
	I	5	(1)	1	(0)	61	(16)	20	(5)	13	(4)	46	(12)	0	(0)	1	(0)	53	(14)	0	(0)	120	(32)	22	(6)	21	(8)	6	(2)	370 (4.1)
	J	2	(3)	0	(0)	2	(3)	5	(7)	3	(1)	8	(1)	0	(0)	0	(0)	4	(20)	0	(0)	33	(1)	1	(1)	0	(0)	70 (0.0)		
	K	27	(6)	13	(3)	74	(16)	4	(1)	55	(12)	37	(6)	1	(0)	8	(2)	48	(11)	12	(3)	114	(25)	26	(6)	30	(7)	0	(0)	449 (5.0)
	L	0	(0)	0	(0)	17	(7)	3	(1)	3	(1)	21	(9)	0	(0)	0	(0)	41	(18)	2	(1)	132	(57)	7	(3)	6	(3)	0	(0)	232 (2.6)
	M	5	(2)	1	(0)	17	(8)	10	(5)	7	(3)	20	(9)	0	(0)	3	(1)	43	(20)	5	(2)	67	(32)	16	(8)	18	(8)	0	(0)	212 (2.4)
	N	2	(1)	2	(1)	26	(16)	14	(4)	16	(4)	46	(11)	0	(0)	0	(0)	39	(23)	5	(3)	58	(24)	4	(1)	11	(7)	0	(0)	167 (1.9)
	O	0	(0)	0	(0)	84	(73)	0	(0)	0	(0)	4	(6)	0	(0)	0	(0)	20	(16)	0	(0)	1	(1)	0	(0)	123 (1.4)				
	P	6	(1)	17	(3)	104	(17)	19	(3)	29	(5)	43	(7)	0	(0)	5	(1)	89	(15)	16	(3)	222	(36)	45	(7)	15	(2)	0	(0)	610 (6.8)
	Q	3	(1)	18	(5)	6	(2)	11	(3)	22	(6)	20	(5)	0	(0)	0	(0)	80	(22)	1	(0)	167	(46)	22	(6)	16	(4)	0	(0)	366 (4.1)
	R	2	(1)	4	(1)	38	(11)	11	(3)	24	(7)	21	(6)	0	(0)	0	(0)	81	(24)	1	(0)	127	(35)	16	(5)	8	(2)	0	(0)	333 (3.7)
	S	0	(0)	0	(0)	3	(2)	3	(1)	2	(1)	12	(6)	0	(0)	1	(1)	24	(18)	3	(1)	67	(51)	10	(6)	9	(7)	0	(0)	132 (1.5)
	T	6	(2)	0	(0)	9	(3)	7	(2)	25	(11)	37	(16)	0	(0)	0	(0)	63	(19)	12	(5)	49	(24)	12	(6)	13	(5)	0	(0)	232 (2.3)
	U	12	(5)	0	(0)	20	(8)	16	(6)	3	(1)	32	(12)	0	(0)	0	(0)	58	(22)	0	(0)	110	(42)	2	(1)	9	(3)	3	(1)	265 (2.9)
	V	10	(2)	21	(3)	159	(26)	19	(3)	61	(10)	35	(6)	2	(0)	5	(1)	83	(13)	17	(3)	133	(22)	36	(6)	37	(6)	0	(0)	617 (6.9)
	W	9	(2)	2	(0)	94	(22)	11	(3)	17	(4)	32	(7)	0	(0)	1	(0)	87	(20)	8	(2)	147	(34)	11	(3)	11	(3)	0	(0)	430 (4.8)
	X	4	(1)	13	(3)	107	(21)	18	(4)	24	(5)	42	(10)	0	(0)	1	(0)	85	(15)	2	(0)	160	(30)	35	(5)	19	(4)	14	(3)	486 (5.4)
	Y	3	(1)	1	(0)	8	(3)	6	(1)	3	(1)	41	(16)	3	(1)	0	(0)	35	(35)	5	(1)	124	(44)	8	(3)	14	(4)	1	(0)	230 (3.0)
	Z	17	(6)	4	(1)	5	(2)	7	(2)	13	(5)	21	(7)	0	(0)	0	(0)	47	(16)	3	(1)	135	(20)	20	(7)	14	(5)	0	(0)	286 (3.2)
	ZA	1	(0)	1	(0)	45	(12)	15	(4)	5	(1)	83	(21)	0	(0)	3	(1)	79	(21)	24	(6)	88	(24)	7	(2)	22	(6)	0	(0)	373 (4.1)
	ZB	0	(0)	2	(1)	22	(14)	8	(5)	5	(3)	14	(9)	0	(0)	0	(0)	36	(23)	5	(3)	49	(32)	4	(3)	10	(6)	0	(0)	155 (1.7)
2008 Total		147	(1.6)	139	(1.5)	1,257	(14.0)	333	(3.7)	443	(4.9)	826	(9.2)	8	(0.1)	41	(0.5)	1,538	(17.1)	180	(2.0)	3,201	(35.6)	418	(4.7)	406	(4.5)	52	(0.6)	8,899
2009	A	5	(2)	4	(1)	13	(4)	13	(6)	24	(8)	0	(0)	6	(2)	66	(23)	15	(5)	94	(32)	21	(7)	15	(5)	0	(0)	293 (3.2)		
	B	5	(2)	0	(0)	9	(3)	27	(10)	21	(8)	28	(11)	0	(0)	0	(0)	35	(13)	1	(0)	122	(47)	5	(2)	8	(3)	0	(0)	261 (2.8)
	C	1	(0)	1	(0)	12	(5)	6	(2)	20	(16)	0	(0)	4	(2)	48	(20)	2	(1)	95	(39)	15	(6)	13	(5)	0	(0)	243 (2.6)		
	E1	1	(0)	0	(0)	21	(5)	26	(6)	10	(2)	48	(12)	0	(0)	2	(0)	60	(15)	3	(1)	190	(47)	25	(6)	21	(5)	0	(0)	408 (4.4)
	E2	1	(1)	3	(2)	115	(66)	4	(2)	0	(0)	22	(10)	0	(0)	0	(0)	45	(26)	0	(0)	29	(10)	0	(0)	173 (1.9)				
	F	5	(1)	3	(0)	132	(21)	25	(4)	10	(2)	78	(12)	0	(0)	4	(1)	65	(10)	0	(0)	289	(45)	7	(1)	21	(3)	2	(0)	641 (6.9)
	G	0	(0)	0	(0)	2	(7)	1	(3)	0	(0)	2	(7)	0	(0)	0	(0)	12	(41)	0	(0)	9	(31)	1	(3)	2	(7)	0	(0)	29 (0.3)
	H	8	(2)	1	(0)	11	(3)	13	(4)	38	(11)	26	(8)	0	(0)	1	(0)	69	(21)	9	(3)	108	(33)	21	(6)	20	(6)	4	(1)	327 (3.5)
	I	4	(1)	1	(0)	49	(19)	7	(2)	21	(12)	31	(10)	0	(0)	0	(0)	49	(15)	5	(2)	125	(49)	16	(6)	19	(6)	2	(0)	317 (3.5)
	J	1	(2)	0	(0)	3	(5)	9	(15)	7	(2)	32	(16)	0	(0)	0	(0)	4	(7)	2	(0)	29	(46)	3	(5)	6	(2)	50 (0.0)		
	K	10	(3)	5	(1)	55	(14)	15	(4)	31	(8)	48	(13)	0	(0)	6	(2)	44	(11)	12	(3)	117	(31)	18	(5)	22	(6)	0	(0)	383 (4.1)
	L	2	(1)	0	(0)	11	(5)	10	(5)	6	(3)	11	(5)	0	(0)	1	(0)	49	(22)	0	(0)	117	(53)	8	(4)	7	(3)	0	(0)	222 (2.4)
	M	0	(0)	4	(1)	17	(7)	11	(3)	8	(2)	28	(12)	0	(0)	1	(0)	75	(16)	16	(5)	101	(43)	18	(8)	9	(4)	0	(0)	237 (2.6)
	N	0	(0)	0	(0)	19	(11)	10	(2)	21	(4)	40	(9)	0	(0)	3	(1)	48	(10)	3	(1)	109	(36)	20	(7)	20	(4)	36	(8)	475 (5.1)
	O	2	(0)	4	(1)	105	(22)	10	(2)	21	(4)	44	(9)	0	(0)	3	(1)	48	(10)	3	(1)	109	(36)	20	(7)	20	(4)	36	(8)	475 (5.1)
	P	1	(0)	16	(3)	135	(24)	13	(2)	16	(3)	57	(10)	2	(0)	8	(1)	85	(15)	14	(2)	170	(30)	29	(5)	20	(4)	1	(0)	567 (5.9)
	Q	3	(1)	13	(3)	14	(4)	15	(4)	19	(5)	39	(10)	2	(1)	2	(1)	66	(17)	4	(1)	165	(42)	13	(3)	14	(4)	2	(0)	391 (4.0)
	R	2	(0)	4	(1)	81	(19)	11	(3)	38	(8)	28	(7)	0	(0)	0	(0)	72	(17)	5	(1)	145	(35)	14	(3)	14	(3)	7	(2)	418 (4.3)
	S	1	(1)	0	(0)	2	(1)	8	(5)	3	(0)	10	(5)	0	(0)	2	(0)	37	(24)	6	(2)	62	(53)	5	(3)	0	(0)	195 (1.6)		
	T	3	(1)	3	(1)	5	(2)	6	(2)	11	(4)	38	(14)	0	(0)	0	(0)	41	(16)	13	(6)	114	(43)	15	(6)	1				

Table 23 Most commonly returned Read Codes for primary reason for admission, 2008 - 2010

Primary Diagnosis	Sex								Total n %
	Male		Female		Ambiguous		Unknown		
	n	%	n	%	n	%	n	%	
Ventricular septal defect (P54..)	733	(52)	690	(48)	0	(0)	0	(0)	1,423 (7.8)
Tetralogy of Fallot (P52..)	659	(58)	480	(42)	0	(0)	0	(0)	1,139 (6.3)
Respiratory failure (XM09V)	572	(54)	491	(46)	0	(0)	0	(0)	1,063 (5.9)
Status epilepticus (X007B)	586	(56)	465	(44)	1	(0)	1	(0)	1,053 (5.8)
Sepsis (X70VZ)	569	(55)	473	(45)	1	(0)	1	(0)	1,044 (5.8)
Discordant ventriculoarterial connection (P51..)	687	(67)	337	(33)	0	(0)	0	(0)	1,024 (5.6)
Acute bronchiolitis due to respiratory syncytial virus (H0615)	552	(58)	405	(42)	0	(0)	0	(0)	957 (5.3)
Bronchiolitis (XSOK)	561	(59)	395	(41)	0	(0)	1	(0)	957 (5.3)
Atrioventricular septal defect & common atriovent junction (X77wc)	394	(43)	523	(57)	0	(0)	0	(0)	917 (5.1)
Hypoplastic left heart syndrome (P67..)	576	(64)	321	(36)	0	(0)	0	(0)	897 (4.9)
Aortic coarctation (P71..)	459	(59)	313	(41)	0	(0)	0	(0)	772 (4.3)
Pneumonia (X100E)	413	(56)	320	(44)	0	(0)	0	(0)	733 (4.0)
Atrial septal defect (X77YY)	296	(43)	391	(57)	0	(0)	0	(0)	687 (3.8)
Patent ductus arteriosus (P70..)	258	(45)	310	(55)	0	(0)	0	(0)	568 (3.1)
Injury of head region (XA003)	384	(70)	166	(30)	0	(0)	1	(0)	551 (3.0)
Acute bronchiolitis (H061..)	302	(58)	222	(42)	0	(0)	0	(0)	524 (2.9)
Meningococcal septicaemia (A362..)	262	(55)	213	(45)	0	(0)	0	(0)	475 (2.6)
Acute lower respiratory tract infection (XE0Xt)	262	(56)	202	(44)	0	(0)	0	(0)	464 (2.6)
Obstructive sleep apnoea (X0084)	303	(66)	155	(34)	1	(0)	0	(0)	459 (2.5)
Acquired scoliosis (X70D3)	166	(37)	287	(63)	0	(0)	0	(0)	453 (2.5)
Asthma (H33..)	253	(60)	171	(40)	0	(0)	0	(0)	424 (2.3)
Neonatal necrotising enterocolitis (Q464..)	253	(60)	169	(40)	1	(0)	0	(0)	423 (2.3)
Acute laryngotracheobronchitis (Xa0IW)	269	(69)	122	(31)	0	(0)	0	(0)	391 (2.2)
Febrile convulsion (XM03I)	209	(56)	166	(44)	0	(0)	0	(0)	375 (2.1)
Gastroschisis (PG71..)	196	(53)	177	(47)	0	(0)	0	(0)	373 (2.1)
Total	10,174	(56.1)	7,964	(43.9)	4	(0.0)	4	(0.0)	18,146

**Table 24 Most commonly returned Read Codes for primary reason for 'unplanned - following surgery' admissions, 2008 - 2010**

Primary Diagnosis	Sex						Total n %		
	Male		Female		Ambiguous	Unknown			
	n	%	n	%	n	%	n	%	
Hypoplastic left heart syndrome (P67..)	47	(64)	26	(36)	0	(0)	0	(0)	73 (9.3)
Respiratory failure (XM09V)	29	(57)	22	(43)	0	(0)	0	(0)	51 (6.5)
Obstruction of intestine (X305B)	25	(50)	24	(48)	1	(2)	0	(0)	50 (6.4)
Obstructive sleep apnoea (X0084)	33	(67)	16	(33)	0	(0)	0	(0)	49 (6.3)
Empyema (XaE01)	22	(48)	24	(52)	0	(0)	0	(0)	46 (5.9)
Sepsis (X70VZ)	21	(54)	18	(46)	0	(0)	0	(0)	39 (5.0)
Gastro-oesophageal reflux disease (X3003)	20	(56)	16	(44)	0	(0)	0	(0)	36 (4.6)
Discordant ventriculoarterial connection (P51..)	22	(63)	13	(37)	0	(0)	0	(0)	35 (4.5)
Intussusception (J500.)	25	(71)	10	(29)	0	(0)	0	(0)	35 (4.5)
Hydrocephalus (X00EG)	23	(68)	11	(32)	0	(0)	0	(0)	34 (4.4)
Appendicitis (Xa9C4)	17	(59)	12	(41)	0	(0)	0	(0)	29 (3.7)
Gastroschisis (PG71.)	13	(45)	16	(55)	0	(0)	0	(0)	29 (3.7)
Malrotation of intestine (X305T)	14	(48)	15	(52)	0	(0)	0	(0)	29 (3.7)
Injury of head region (XA003)	21	(75)	7	(25)	0	(0)	0	(0)	28 (3.6)
Ventricular septal defect (P54..)	13	(46)	15	(54)	0	(0)	0	(0)	28 (3.6)
Subglottic stenosis (X00nG)	20	(77)	6	(23)	0	(0)	0	(0)	26 (3.3)
Laryngomalacia (H1y7B)	15	(63)	9	(38)	0	(0)	0	(0)	24 (3.1)
Respiratory obstruction (XM05Q)	13	(59)	9	(41)	0	(0)	0	(0)	22 (2.8)
Intracranial tumour (X78ZI)	12	(57)	9	(43)	0	(0)	0	(0)	21 (2.7)
Neonatal necrotising enterocolitis (Q464.)	12	(57)	9	(43)	0	(0)	0	(0)	21 (2.7)
Atrioventricular septal defect & common atriovent junction (X77wc)	10	(48)	11	(52)	0	(0)	0	(0)	21 (2.7)
Hirschsprung's disease (PB30.)	15	(79)	4	(21)	0	(0)	0	(0)	19 (2.4)
Volvulus (XE0ap)	10	(53)	9	(47)	0	(0)	0	(0)	19 (2.4)
Cardiac arrest (XE0V5)	8	(47)	9	(53)	0	(0)	0	(0)	17 (2.2)
Total	460	(58.9)	320	(41.0)	1	(0.1)	0	(0.0)	781

**Table 25 Most commonly returned Read Codes for primary reason for 'unplanned - other' admission, 2008 - 2010**

Primary Diagnosis	Sex								Total n %
	Male		Female		Ambiguous		Unknown		
	n	%	n	%	n	%	n	%	
<b>Status epilepticus (X007B)</b>	565	(56)	449	(44)	1	(0)	1	(0)	<b>1,016 (8.6)</b>
<b>Sepsis (X70VZ)</b>	519	(55)	427	(45)	1	(0)	1	(0)	<b>948 (8.1)</b>
<b>Bronchiolitis (XS0DOK)</b>	547	(59)	379	(41)	0	(0)	1	(0)	<b>927 (7.9)</b>
<b>Acute bronchiolitis due to respiratory syncytial virus (H0615)</b>	532	(57)	394	(43)	0	(0)	0	(0)	<b>926 (7.9)</b>
<b>Respiratory failure (XM09V)</b>	487	(53)	436	(47)	0	(0)	0	(0)	<b>923 (7.9)</b>
<b>Pneumonia (X100E)</b>	381	(56)	301	(44)	0	(0)	0	(0)	<b>682 (5.8)</b>
<b>Injury of head region (XA003)</b>	346	(69)	156	(31)	0	(0)	1	(0)	<b>503 (4.3)</b>
<b>Acute bronchiolitis (H061.)</b>	286	(57)	212	(43)	0	(0)	0	(0)	<b>498 (4.2)</b>
<b>Meningococcal septicaemia (A362.)</b>	256	(55)	210	(45)	0	(0)	0	(0)	<b>466 (4.0)</b>
<b>Acute lower respiratory tract infection (XE0Xt)</b>	243	(57)	183	(43)	0	(0)	0	(0)	<b>426 (3.6)</b>
<b>Asthma (H33..)</b>	236	(59)	163	(41)	0	(0)	0	(0)	<b>399 (3.4)</b>
<b>Acute laryngotracheobronchitis (Xa0IW)</b>	252	(68)	118	(32)	0	(0)	0	(0)	<b>370 (3.1)</b>
<b>Febrile convulsion (XM03I)</b>	206	(56)	161	(44)	0	(0)	0	(0)	<b>367 (3.1)</b>
<b>Diabetic ketoacidosis (C101.)</b>	144	(44)	184	(56)	0	(0)	0	(0)	<b>328 (2.8)</b>
<b>Infection of lower respiratory tract (X1004)</b>	176	(54)	151	(46)	0	(0)	0	(0)	<b>327 (2.8)</b>
<b>Discordant ventriculoarterial connection (P51..)</b>	213	(70)	93	(30)	0	(0)	0	(0)	<b>306 (2.6)</b>
<b>Exacerbation of asthma (Xa1hD)</b>	168	(56)	132	(44)	0	(0)	0	(0)	<b>300 (2.6)</b>
<b>Respiratory syncytial virus infection (Xa0BK)</b>	150	(55)	122	(45)	0	(0)	0	(0)	<b>272 (2.3)</b>
<b>Isolated seizures (X006i)</b>	170	(63)	100	(37)	0	(0)	0	(0)	<b>270 (2.3)</b>
<b>Status asthmaticus (X102D)</b>	147	(55)	121	(45)	0	(0)	1	(0)	<b>269 (2.3)</b>
<b>Aspiration pneumonitis (H47..)</b>	140	(54)	120	(46)	0	(0)	0	(0)	<b>260 (2.2)</b>
<b>Neonatal necrotising enterocolitis (Q464.)</b>	151	(60)	99	(39)	1	(0)	0	(0)	<b>251 (2.1)</b>
<b>Hypoplastic left heart syndrome (P67..)</b>	159	(64)	90	(36)	0	(0)	0	(0)	<b>249 (2.1)</b>
<b>Cardiac arrest (XE0V5)</b>	128	(53)	112	(47)	0	(0)	0	(0)	<b>240 (2.0)</b>
<b>Acute respiratory failure (H590.)</b>	120	(53)	104	(46)	1	(0)	0	(0)	<b>225 (1.9)</b>
<b>Total</b>	<b>6,722</b>	<b>(57.2)</b>	<b>5,017</b>	<b>(42.7)</b>	<b>4</b>	<b>(0.0)</b>	<b>5</b>	<b>(0.0)</b>	<b>11,748</b>

## **Retrieval data**

Tables 26 – 28 present retrieval data by team type and age, by diagnostic group for non-specialist team retrievals (see below) and by team type and trust.

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).

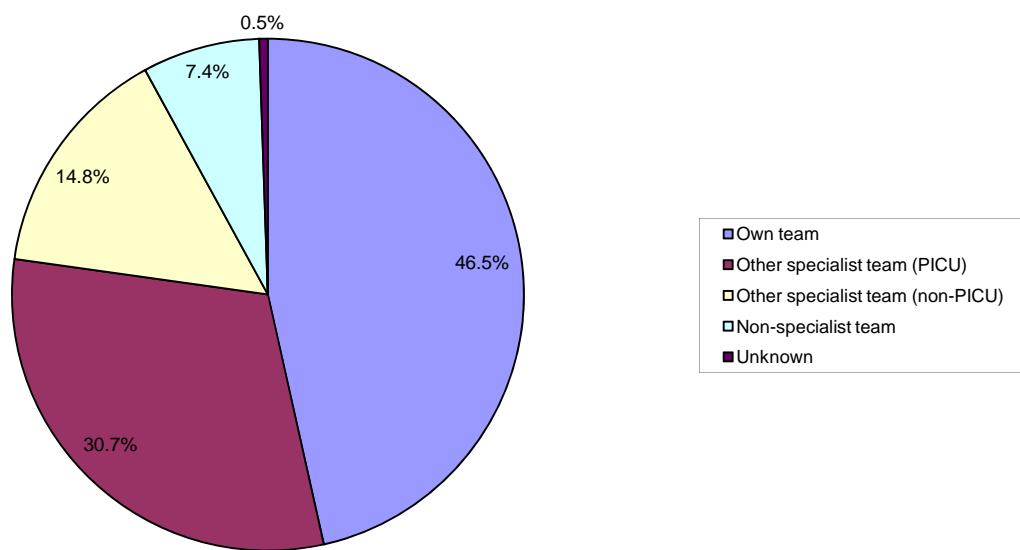
In the majority of PICUs, doctors and nurses who work on the unit undertake retrieval of critically ill children. Within London, there are two specific transport teams, the Children’s Acute Transfer Service (CATS) and the South Thames retrieval team. CATS is based at Great Ormond Street Hospital (GOSH), and is staffed separately from the intensive care units at GOSH. For PICANet, any child retrieved by CATS into a PICU at GOSH is recorded as ‘other specialist team (PICU)’. The South Thames retrieval team is based at Evelina Children’s Hospital and is staffed by doctors and nurses from within the PICU. For PICANet, any child retrieved by the South Thames team into the PICU at Evelina Children’s Hospital is classed as ‘own team’.

The Central Manchester and Manchester Children’s University Hospitals NHS Trust has two sister hospitals (Booth Hall and the Royal Manchester Children’s Hospital). For local reporting reasons, hospital transfers between the two hospitals are classed as internal admissions (admissions from the ‘same hospital’) but as the hospitals are 6 miles apart, any transfer requires a ‘retrieval’ by ambulance and crew.

**Table 26 Retrievals by team type and age, 2008 - 2010**

Retrieval Team	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
<b>Own team</b>	4,113	(51)	2,230	(28)	961	(12)	743	(9)	<b>8,047</b>	<b>(46.5)</b>
<b>Other specialist team (PICU)</b>	3,091	(58)	1,165	(22)	546	(10)	514	(10)	<b>5,316</b>	<b>(30.7)</b>
<b>Other specialist team (non-PICU)</b>	1,887	(74)	271	(11)	192	(7)	214	(8)	<b>2,564</b>	<b>(14.8)</b>
<b>Non-specialist team</b>	553	(43)	299	(23)	197	(15)	235	(18)	<b>1,284</b>	<b>(7.4)</b>
<b>Unknown</b>	53	(56)	21	(22)	8	(9)	12	(13)	<b>94</b>	<b>(0.5)</b>
<b>Total</b>	<b>9,697</b>	<b>(56.0)</b>	<b>3,986</b>	<b>(23.0)</b>	<b>1,904</b>	<b>(11.0)</b>	<b>1,718</b>	<b>(9.9)</b>	<b>17,305</b>	

**Figure 26 Retrievals by team type, 2008 - 2010**



**Table 27 'Non-specialist team' retrievals by diagnostic group and age, 2008 - 2010**

Diagnostic Group	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Blood / lymphatic	9	(33)	7	(26)	7	(26)	4	(15)	27	(2.1)
Body wall and cavities	18	(90)	0	(0)	1	(5)	1	(5)	20	(1.6)
Cardiovascular	114	(78)	15	(10)	7	(5)	11	(7)	147	(11.4)
Endocrine / metabolic	18	(42)	7	(16)	8	(19)	10	(23)	43	(3.3)
Gastrointestinal	101	(70)	17	(12)	11	(8)	15	(10)	144	(11.2)
Infection	40	(51)	20	(26)	12	(15)	6	(8)	78	(6.1)
Multisystem	1	(50)	0	(0)	0	(0)	1	(50)	2	(0.2)
Musculoskeletal	3	(38)	4	(50)	1	(13)	0	(0)	8	(0.6)
Neurological	51	(21)	82	(34)	49	(20)	58	(24)	240	(18.7)
Oncology	10	(28)	5	(14)	7	(19)	14	(39)	36	(2.8)
Respiratory	135	(46)	91	(31)	36	(12)	33	(11)	295	(23.0)
Trauma	18	(11)	33	(21)	43	(27)	64	(41)	158	(12.3)
Other	30	(39)	14	(18)	14	(18)	18	(24)	76	(5.9)
Unknown	5	(45)	5	(45)	1	(9)	0	(0)	11	(0.9)
Total	553	(43.0)	300	(23.3)	197	(15.3)	235	(18.3)	1,285	

Table 28 Retrievals by retrieval type by NHS trust, 2008 - 2010

Admission year	NHS Trust	Own team		Other specialist team (PICU)		Other specialist team (non-PICU)		Non-specialist team		Unknown		Total	
		n	%	n	%	n	%	n	%	n	%	n	%
2008	A	27	(19)	79	(55)	36	(25)	1	(1)	1	(1)	144	(2.5)
	B	3	(23)	4	(31)	2	(15)	4	(31)	0	(0)	13	(0.2)
	C	120	(88)	6	(4)	5	(4)	6	(4)	0	(0)	137	(2.4)
	D	195	(64)	26	(9)	40	(13)	44	(14)	0	(0)	305	(5.4)
	E1	59	(10)	484	(80)	8	(1)	48	(8)	3	(0)	602	(10.7)
	E2	36	(25)	97	(67)	1	(1)	11	(8)	0	(0)	145	(2.6)
	F	425	(82)	71	(14)	9	(2)	14	(3)	0	(0)	519	(9.2)
	H	7	(4)	120	(76)	5	(3)	25	(16)	0	(0)	157	(2.8)
	I	147	(66)	19	(9)	48	(22)	9	(4)	0	(0)	223	(3.9)
	J	1	(50)	0	(0)	1	(50)	0	(0)	0	(0)	2	-
	K	133	(41)	57	(17)	94	(29)	43	(13)	1	(0)	328	(5.8)
	L	125	(83)	2	(1)	23	(15)	0	(0)	0	(0)	150	(2.7)
	M	74	(69)	11	(10)	15	(14)	8	(7)	0	(0)	108	(1.9)
	N	54	(72)	5	(7)	12	(16)	3	(4)	1	(1)	75	(1.3)
	O	0	(0)	155	(96)	6	(4)	0	(0)	0	(0)	161	(2.9)
	P	225	(63)	18	(5)	73	(20)	41	(11)	0	(0)	357	(6.3)
	Q	111	(64)	14	(8)	38	(22)	11	(6)	0	(0)	174	(3.1)
	R	189	(73)	7	(3)	46	(18)	17	(7)	0	(0)	259	(4.6)
	S	3	(8)	4	(11)	22	(61)	7	(19)	0	(0)	36	(0.6)
	T	9	(5)	160	(90)	4	(2)	4	(2)	0	(0)	177	(3.1)
	U	4	(2)	203	(97)	3	(1)	0	(0)	0	(0)	210	(3.7)
	V	161	(55)	23	(8)	81	(28)	27	(9)	0	(0)	292	(5.2)
	W	198	(87)	5	(2)	6	(3)	15	(7)	3	(1)	227	(4.0)
	X	210	(64)	57	(17)	51	(16)	7	(2)	2	(1)	327	(5.8)
	Y	135	(84)	6	(4)	15	(9)	5	(3)	0	(0)	161	(2.9)
	Z	35	(36)	21	(22)	10	(10)	29	(30)	2	(2)	97	(1.7)
	ZA	113	(89)	5	(4)	2	(2)	4	(3)	3	(2)	127	(2.2)
	ZB	15	(11)	4	(3)	63	(46)	54	(40)	0	(0)	136	(2.4)
	2008 Total	2,814	(49.8)	1,663	(29.4)	719	(12.7)	437	(7.7)	16	(0.3)	5,649	
2009	A	22	(15)	88	(59)	32	(22)	0	(0)	6	(4)	148	(2.5)
	B	12	(24)	5	(10)	22	(44)	11	(22)	0	(0)	50	(0.9)
	C	141	(91)	5	(3)	4	(3)	5	(3)	0	(0)	155	(2.7)
	D	160	(57)	25	(9)	27	(10)	69	(24)	1	(0)	282	(4.8)
	E1	14	(2)	516	(84)	8	(1)	77	(13)	1	(0)	616	(10.6)
	E2	27	(22)	79	(65)	1	(1)	15	(12)	0	(0)	122	(2.1)
	F	447	(84)	68	(13)	6	(1)	8	(2)	1	(0)	530	(9.1)
	G	1	(50)	0	(0)	0	(0)	1	(50)	0	(0)	2	-
	H	6	(2)	178	(71)	5	(2)	62	(25)	0	(0)	251	(4.3)
	I	143	(67)	18	(8)	44	(21)	7	(3)	0	(0)	212	(3.6)
	J	0	(0)	5	(50)	4	(40)	1	(10)	0	(0)	10	(0.2)
	K	134	(46)	53	(18)	69	(24)	36	(12)	1	(0)	293	(5.0)
	L	116	(78)	7	(5)	25	(17)	0	(0)	0	(0)	148	(2.5)
	M	79	(66)	19	(16)	19	(16)	3	(3)	0	(0)	120	(2.1)
	N	62	(67)	12	(13)	10	(11)	7	(8)	1	(1)	92	(1.6)
	O	0	(0)	175	(100)	0	(0)	0	(0)	0	(0)	175	(3.0)
	P	193	(52)	18	(5)	153	(41)	9	(2)	0	(0)	373	(6.4)
	Q	96	(54)	14	(8)	59	(33)	9	(5)	1	(1)	179	(3.1)
	R	218	(71)	11	(4)	59	(19)	18	(6)	0	(0)	306	(5.2)
	S	3	(8)	9	(23)	21	(54)	6	(15)	0	(0)	39	(0.7)
	T	2	(1)	145	(85)	11	(6)	12	(7)	0	(0)	170	(2.9)
	U	4	(2)	223	(98)	1	(0)	0	(0)	0	(0)	228	(3.9)
	V	213	(63)	18	(5)	92	(27)	15	(4)	0	(0)	338	(5.8)
	W	151	(80)	11	(6)	11	(6)	13	(7)	2	(1)	188	(3.2)
	X	179	(60)	52	(17)	55	(18)	9	(3)	5	(2)	300	(5.1)
	Y	100	(75)	4	(3)	24	(18)	4	(3)	1	(1)	133	(2.3)
	Z	30	(31)	23	(24)	15	(15)	25	(26)	4	(4)	97	(1.7)
	ZA	106	(86)	9	(7)	4	(3)	0	(0)	4	(3)	123	(2.1)
	ZB	22	(15)	2	(1)	72	(48)	54	(36)	0	(0)	150	(2.6)
	2009 Total	2,681	(46.0)	1,792	(30.7)	853	(14.6)	476	(8.2)	28	(0.5)	5,830	
2010	A	28	(15)	86	(47)	37	(20)	15	(8)	17	(9)	183	(3.1)
	B	2	(4)	8	(17)	17	(35)	20	(42)	1	(2)	48	(0.8)
	C	109	(89)	7	(6)	4	(3)	2	(2)	0	(0)	122	(2.1)
	D	193	(60)	40	(12)	65	(20)	24	(7)	0	(0)	322	(5.5)
	E1	0	(0)	517	(90)	17	(3)	43	(7)	0	(0)	577	(9.9)
	E2	1	(1)	149	(79)	4	(2)	31	(16)	4	(2)	189	(3.2)
	F	435	(85)	60	(12)	6	(1)	7	(1)	1	(0)	509	(8.7)
	G	2	(100)	0	(0)	0	(0)	0	(0)	0	(0)	2	-
	H	9	(5)	129	(66)	24	(12)	31	(16)	2	(1)	195	(3.3)
	I	118	(79)	7	(5)	18	(12)	7	(5)	0	(0)	150	(2.6)
	K	110	(39)	49	(17)	95	(33)	30	(11)	0	(0)	284	(4.9)
	L	131	(82)	5	(3)	22	(14)	0	(0)	1	(1)	159	(2.7)
	M	61	(55)	38	(34)	6	(5)	6	(5)	0	(0)	111	(1.9)
	N	54	(66)	13	(16)	9	(11)	5	(6)	1	(1)	82	(1.4)
	O	0	(0)	196	(99)	2	(1)	0	(0)	0	(0)	198	(3.4)
	P	203	(59)	15	(4)	125	(36)	0	(0)	1	(0)	344	(5.9)
	Q	113	(69)	29	(18)	17	(10)	4	(2)	0	(0)	163	(2.8)
	R	177	(68)	18	(7)	49	(19)	17	(7)	0	(0)	261	(4.5)
	S	8	(28)	7	(24)	10	(34)	4	(14)	0	(0)	29	(0.5)
	T	3	(2)	136	(86)	8	(5)	12	(8)	0	(0)	159	(2.7)
	U	1	(0)	211	(97)	3	(1)	1	(0)	1	(0)	217	(3.7)
	V	232	(70)	17	(5)	64	(19)	18	(5)	0	(0)	331	(5.7)
	W	179	(86)	4	(2)	10	(5)	12	(6)	2	(1)	207	(3.6)
	X	135	(54)	73	(29)	28	(11)	10	(4)	2	(1)	248	(4.3)
	Y	93	(79)	5	(4)	15	(13)	4	(3)	0	(0)	117	(2.0)
	Z	19	(32)	16	(27)	7	(12)	15	(25)	2	(3)	59	(1.0)
	ZA	111	(81)	4	(3)	7	(5)	0	(0)	15	(11)	137	(2.4)
	ZB	22	(15)	4	(3)	78	(53)	42	(29)	0	(0)	146	(2.5)
	ZC	0	(0)	4	(2)	234	(94)	10	(4)	0	(0)	248	(4.3)
	ZD	1	(33)	2	(67)	0	(0)	0	(0)	0	(0)	3	-
	ZE	2	(8)	12	(46)	11	(42)	1	(4)	0	(0)	26	(0.4)
	2010 Total	2,552	(43.8)	1,861	(31.9)	992	(17.0)	371	(6.4)	50	(0.9)	5,826	
	Grand Total	8,047	(46.5)	5,316	(30.7)	2,564	(14.8)	1,284	(7.4)	94	(0.5)	17,305	

## **Intervention data**

Tables 29 – 31 present summary data relating to interventions carried out on PICU. Most of the interventions described are available in all PICUs, although a few specialist interventions (such as extra corporeal membrane oxygenation (ECMO) or left ventricular assist device to support cardiac function (LVAD)) are only available in a PICU where invasive cardiac procedures are routinely performed. Note that table 30 contains aggregated data for 2008 – 2010.

Length of ventilation was calculated in whole days. Any ventilation during the period 00:00 to 23:59 was counted as one complete day of ventilation (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.

Figures 31a – 31b map the percentage of children receiving invasive ventilation by SHA / HB and by PCO for 2008 to 2010. The proportion of children invasively ventilated has been used as a very rough proxy for level of care.

Table 29 Interventions received by NHS trust, 2008 - 2010

Admission year	NHS Trust	Intervention										Admissions n	Admissions %						
		Invasive Ventilation n	Invasive Ventilation %	Non-Invasive Ventilation n	Non-Invasive Ventilation %	Tracheostomy n	Tracheostomy %	ECMO n	ECMO %	IV Vasoactive Drugs n	IV Vasoactive Drugs %	LVAD n	LVAD %	ICP Device n	ICP Device %	Renal Support n	Renal Support %		
<b>2008</b>	<b>A</b>	203	(43)	21	(4)	10	(2)	0	(0)	55	(12)	0	(0)	20	(4)	3	(1)	470	(2.9)
	<b>B</b>	27	(9)	24	(8)	7	(2)	0	(0)	4	(1)	0	(0)	0	(0)	0	(0)	285	(1.7)
	<b>C</b>	261	(85)	49	(16)	5	(2)	0	(0)	56	(18)	0	(0)	10	(3)	9	(3)	307	(1.9)
	<b>D</b>	474	(72)	102	(16)	28	(4)	0	(0)	154	(23)	0	(0)	47	(7)	14	(2)	656	(4.0)
	<b>E1</b>	771	(86)	133	(15)	29	(3)	3	(0)	273	(31)	0	(0)	32	(4)	38	(4)	892	(5.5)
	<b>E2</b>	524	(78)	62	(9)	17	(3)	32	(5)	437	(65)	6	(1)	0	(0)	24	(4)	670	(4.1)
	<b>F</b>	807	(70)	117	(10)	22	(2)	2	(0)	433	(37)	0	(0)	0	(0)	46	(4)	1,156	(7.1)
	<b>G</b>	24	(75)	3	(9)	0	(0)	0	(0)	7	(22)	0	(0)	3	(9)	0	(0)	32	(0.2)
	<b>H</b>	156	(40)	21	(5)	0	(0)	7	(2)	48	(12)	0	(0)	9	(2)	14	(4)	392	(2.4)
	<b>I</b>	596	(72)	85	(10)	19	(2)	1	(0)	357	(43)	1	(0)	21	(3)	49	(6)	827	(5.1)
	<b>J</b>	22	(17)	26	(20)	1	(1)	0	(0)	3	(2)	0	(0)	0	(0)	0	(0)	129	(0.8)
	<b>K</b>	595	(65)	119	(13)	32	(3)	22	(2)	304	(33)	9	(1)	21	(2)	56	(6)	922	(5.7)
	<b>L</b>	162	(51)	96	(30)	3	(1)	0	(0)	62	(19)	0	(0)	1	(0)	1	(0)	319	(2.0)
	<b>M</b>	209	(58)	45	(12)	13	(4)	0	(0)	62	(17)	0	(0)	19	(5)	22	(6)	363	(2.2)
	<b>N</b>	255	(85)	46	(15)	8	(3)	0	(0)	67	(22)	2	(1)	11	(4)	12	(4)	300	(1.8)
	<b>O</b>	447	(73)	113	(19)	0	(0)	6	(1)	341	(56)	1	(0)	0	(0)	18	(3)	610	(3.7)
	<b>P</b>	868	(78)	63	(6)	18	(2)	4	(0)	419	(38)	1	(0)	25	(2)	22	(2)	1,112	(6.8)
	<b>Q</b>	283	(50)	81	(14)	10	(2)	0	(0)	78	(14)	0	(0)	23	(4)	3	(1)	571	(3.5)
	<b>R</b>	543	(79)	128	(19)	3	(0)	2	(0)	221	(32)	0	(0)	28	(4)	16	(2)	684	(4.2)
	<b>S</b>	72	(37)	27	(14)	4	(2)	0	(0)	14	(7)	0	(0)	1	(1)	0	(0)	196	(1.2)
	<b>T</b>	213	(45)	36	(8)	1	(0)	0	(0)	43	(9)	0	(0)	14	(3)	6	(1)	475	(2.9)
	<b>U</b>	231	(77)	68	(23)	0	(0)	0	(0)	106	(35)	0	(0)	1	(0)	15	(5)	301	(1.8)
	<b>V</b>	960	(87)	464	(42)	7	(1)	5	(0)	600	(54)	0	(0)	42	(4)	40	(4)	1,102	(6.8)
	<b>W</b>	533	(73)	206	(28)	10	(1)	1	(0)	363	(50)	0	(0)	17	(2)	50	(7)	731	(4.5)
	<b>X</b>	528	(70)	72	(9)	9	(1)	52	(7)	231	(30)	0	(0)	0	(0)	21	(3)	759	(4.7)
	<b>Y</b>	232	(51)	67	(15)	5	(1)	0	(0)	47	(10)	0	(0)	7	(2)	1	(0)	453	(2.8)
	<b>Z</b>	69	(18)	79	(20)	8	(2)	0	(0)	10	(3)	0	(0)	3	(1)	0	(0)	393	(2.4)
	<b>ZA</b>	514	(56)	22	(2)	18	(2)	13	(1)	274	(30)	1	(0)	6	(1)	13	(1)	924	(5.7)
	<b>ZB</b>	164	(64)	26	(10)	7	(3)	0	(0)	37	(14)	0	(0)	9	(4)	5	(2)	257	(1.6)
<b>2008 Total</b>		<b>10,743</b>	<b>(66.0)</b>	<b>2,401</b>	<b>(14.7)</b>	<b>294</b>	<b>(1.8)</b>	<b>150</b>	<b>###</b>	<b>5,106</b>	<b>(31.3)</b>	<b>21</b>	<b>(0.1)</b>	<b>370</b>	<b>(2.3)</b>	<b>498</b>	<b>(3.1)</b>	<b>16,288</b>	
<b>2009</b>	<b>A</b>	208	(39)	28	(5)	7	(1)	0	(0)	68	(13)	0	(0)	13	(2)	0	(0)	527	(3.1)
	<b>B</b>	21	(5)	43	(9)	5	(1)	0	(0)	3	(1)	1	(0)	0	(0)	0	(0)	456	(2.7)
	<b>C</b>	302	(88)	39	(11)	5	(1)	0	(0)	56	(16)	0	(0)	8	(2)	6	(2)	343	(2.0)
	<b>D</b>	431	(61)	102	(14)	17	(2)	0	(0)	147	(21)	0	(0)	41	(6)	11	(2)	705	(4.1)
	<b>E1</b>	839	(88)	159	(17)	38	(4)	3	(0)	300	(31)	0	(0)	40	(4)	28	(3)	954	(5.6)
	<b>E2</b>	509	(76)	48	(7)	11	(2)	37	(6)	441	(66)	5	(1)	1	(0)	27	(4)	668	(3.9)
	<b>F</b>	961	(83)	132	(11)	18	(2)	3	(0)	546	(47)	0	(0)	0	(0)	53	(5)	1,151	(6.7)
	<b>G</b>	24	(75)	4	(13)	1	(3)	0	(0)	1	(3)	0	(0)	3	(9)	0	(0)	32	(0.2)
	<b>H</b>	168	(29)	30	(5)	0	(0)	0	(0)	30	(5)	0	(0)	22	(4)	5	(1)	572	(3.3)
	<b>I</b>	586	(72)	112	(14)	28	(3)	0	(0)	337	(42)	3	(0)	21	(3)	28	(3)	812	(4.7)
	<b>J</b>	28	(24)	6	(5)	1	(1)	0	(0)	4	(3)	0	(0)	0	(0)	0	(0)	117	(0.7)
	<b>K</b>	574	(65)	87	(10)	33	(4)	20	(2)	327	(37)	18	(2)	12	(1)	55	(6)	877	(5.1)
	<b>L</b>	150	(49)	78	(26)	1	(0)	0	(0)	43	(14)	0	(0)	0	(0)	1	(0)	305	(1.8)
	<b>M</b>	231	(67)	54	(16)	9	(3)	0	(0)	75	(22)	0	(0)	16	(5)	14	(4)	346	(2.0)
	<b>N</b>	300	(87)	69	(20)	1	(0)	0	(0)	125	(36)	1	(0)	17	(5)	12	(3)	345	(2.0)
	<b>O</b>	539	(78)	168	(24)	0	(0)	3	(0)	407	(59)	0	(0)	0	(0)	25	(4)	693	(4.0)
	<b>P</b>	888	(81)	74	(7)	15	(1)	2	(0)	425	(39)	1	(0)	17	(2)	25	(2)	1,103	(6.4)
	<b>Q</b>	265	(60)	68	(15)	11	(2)	0	(0)	66	(15)	0	(0)	19	(4)	7	(2)	444	(2.6)
	<b>R</b>	581	(79)	95	(13)	4	(1)	1	(0)	252	(34)	0	(0)	13	(2)	29	(4)	740	(4.3)
	<b>S</b>	69	(40)	31	(18)	3	(2)	0	(0)	18	(11)	0	(0)	7	(4)	0	(0)	171	(1.0)
	<b>T</b>	227	(46)	41	(8)	0	(0)	0	(0)	54	(11)	0	(0)	17	(3)	8	(2)	494	(2.9)
	<b>U</b>	243	(73)	89	(27)	1	(0)	0	(0)	92	(27)	0	(0)	0	(0)	12	(4)	335	(2.0)
	<b>V</b>	1,118	(85)	503	(38)	3	(0)	7	(1)	692	(53)	0	(0)	26	(2)	55	(4)	1,314	(7.7)
	<b>W</b>	474	(76)	186	(30)	20	(3)	2	(0)	331	(53)	0	(0)	15	(2)	40	(6)	623	(3.6)
	<b>X</b>	555	(69)	84	(10)	9	(1)	55	(7)	277	(35)	0	(0)	0	(0)	30	(4)	802	(4.7)
	<b>Y</b>	208	(52)	40	(10)	14	(3)	0	(0)	38	(9)	0	(0)	18	(4)	2	(0)	401	(2.3)
	<b>Z</b>	57	(14)	86	(22)	4	(1)	0	(0)	9	(2)	0	(0)	1	(0)	0	(0)	397	(2.3)
	<b>ZA</b>	526	(56)	31	(3)	14	(1)	17	(2)	298	(32)	2	(0)	5	(1)	15	(2)	939	(5.5)
	<b>ZB</b>	251	(53)	46	(10)	6	(1)	0	(0)	49	(10)	0	(0)	8	(2)	5	(1)	478	(2.8)
<b>2009 Total</b>		<b>11,333</b>	<b>(66.1)</b>	<b>2,533</b>	<b>(14.8)</b>	<b>279</b>	<b>(1.6)</b>	<b>150</b>	<b>###</b>	<b>5,511</b>	<b>(32.1)</b>	<b>31</b>	<b>(0.2)</b>	<b>340</b>	<b>(2.0)</b>	<b>493</b>	<b>(2.9)</b>	<b>17,144</b>	
<b>2010</b>	<b>A</b>	250	(42)	45	(8)	14	(2)	0	(0)	65	(11)	0	(0)	22	(4)	2	(0)	594	(3.1)
	<b>B</b>	25	(6)	46	(10)	16	(4)	0	(0)	3	(1)	1	(0)	0	(0)	0	(0)	447	(2.4)
	<b>C</b>	221	(85)	37	(14)	1	(0)	0	(0)	44	(17)	0	(0)	8	(3)	5	(2)	260	(1.4)
	<b>D</b>	485	(69)	85	(12)	23	(3)	0	(0)	149	(21)	1	(0)	36	(5)	17	(2)	698	(3.7)
	<b>E1</b>	825	(89)	221	(24)	40	(4)	3	(0)	349	(37)	0	(0)	40	(4)	34	(4)	932	(4.9)
	<b>E2</b>	605	(81)	107	(14)	14	(2)	38	(5)	489	(66)	11	(1)	0	(0)	46	(6)	744	(3.9)
	<b>F</b>	963	(82)	114	(10)	21	(2)	2	(0)	551	(47)	0	(0)	0	(0)	56	(5)	1,169	(6.2)
	<b>G</b>	32	(84)	2	(5)	0	(0)	0	(0)	4	(11)	0	(0)	2	(5)	1	(3)	38	(0.2)
	<b>H</b>	238	(40)	76	(13)	0	(0)	0	(0)	63	(11)	0	(0)	27	(5)	14	(2)	595	(3.1)
	<b>I</b>	570	(74)	102	(13)	33	(4)	3	(0)	357	(46)	3	(0)	14	(2)	36	(5)	769	(4.1)
	<b>J</b>	8	(10)	4	(5)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	77	(0.4)
	<b>K</b>	608	(64)	114	(12)	23	(2)	29	(3)	350	(37)	19	(2)	20	(2)	56	(6)	949	(5.0)
	<b>L</b>	172	(54)	104	(32)	2	(1)	0	(0)	39	(12)	0	(0)	0	(0)	2	(1)	321	(1.7)
	<b>M</b>	248	(69)	53</td															

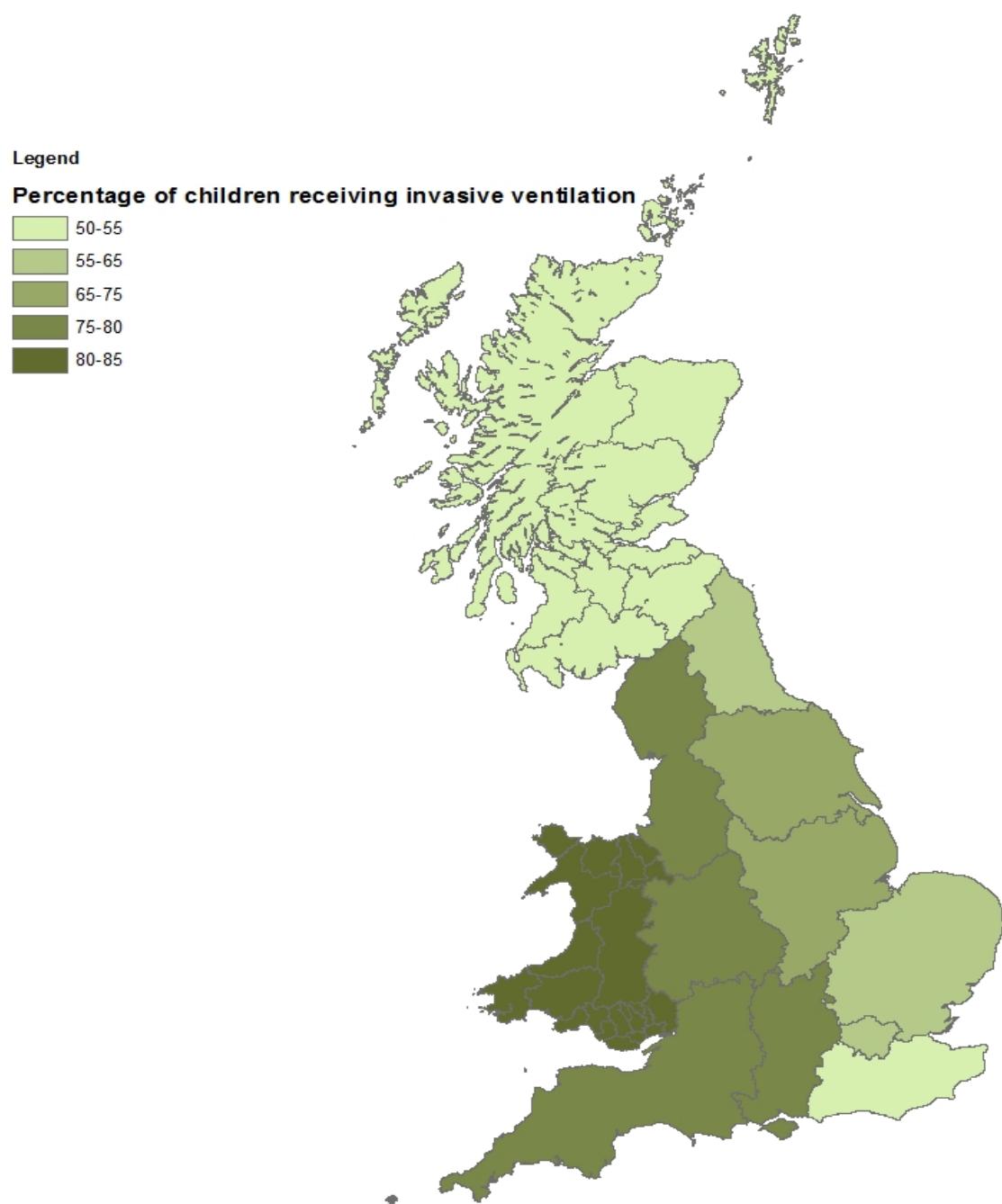
**Table 30 Admissions by ventilation status and age, 2008 - 2010**

Ventilation Status	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
<b>Invasive only</b>	14,730	(50)	7,837	(27)	3,544	(12)	3,069	(11)	<b>29,183</b>	<b>(55.8)</b>
<b>Non-invasive only</b>	1,309	(53)	478	(19)	355	(14)	334	(13)	<b>2,476</b>	<b>(4.7)</b>
<b>Both</b>	3,562	(66)	938	(17)	469	(9)	430	(8)	<b>5,399</b>	<b>(10.3)</b>
<b>Neither</b>	5,180	(34)	4,404	(29)	2,529	(17)	2,974	(20)	<b>15,087</b>	<b>(28.8)</b>
<b>Unknown</b>	111	(58)	41	(21)	29	(15)	10	(5)	<b>192</b>	<b>(0.4)</b>
<b>Total</b>	<b>24,892</b>	<b>(47.6)</b>	<b>13,698</b>	<b>(26.2)</b>	<b>6,926</b>	<b>(13.2)</b>	<b>6,817</b>	<b>(13.0)</b>	<b>52,337</b>	

Table 31 Admissions by ventilation status by NHS trust, 2008 - 2010

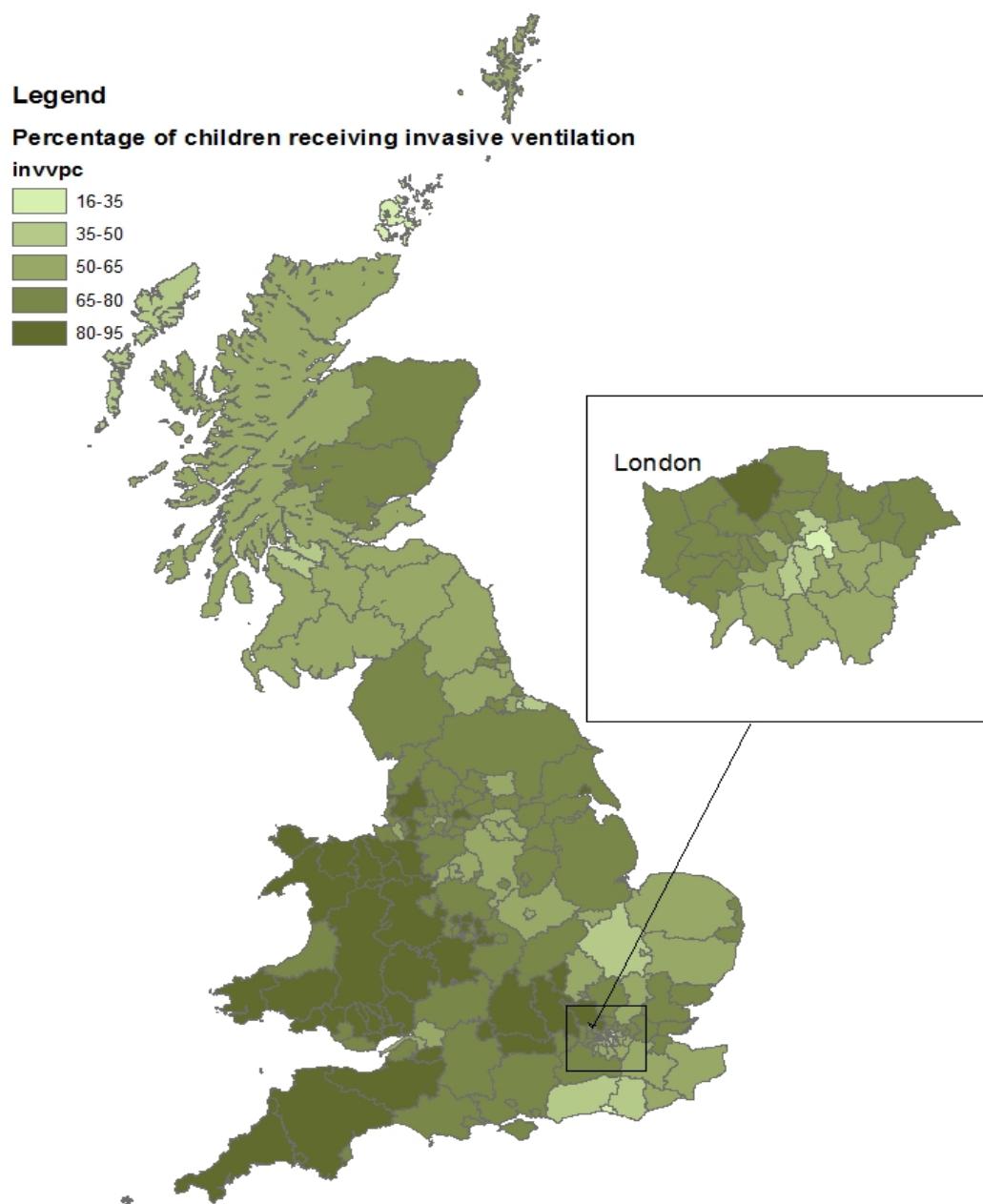
Admission year	NHS Trust	Ventilation Status						Total			
		Invasive only n	Invasive only %	Non-invasive only n	Non-invasive only %	Both n	Both %	Neither n	Neither %		
<b>2008</b>	<b>A</b>	189	(40)	7	(1)	14	(3)	260	(55)	0 (0)	<b>470 (2.9)</b>
	<b>B</b>	25	(9)	22	(8)	2	(1)	236	(83)	0 (0)	<b>285 (1.7)</b>
	<b>C</b>	221	(72)	9	(3)	40	(13)	37	(12)	0 (0)	<b>307 (1.9)</b>
	<b>D</b>	404	(62)	32	(5)	70	(11)	150	(23)	0 (0)	<b>656 (4.0)</b>
	<b>E1</b>	671	(75)	33	(4)	100	(11)	88	(10)	0 (0)	<b>892 (5.5)</b>
	<b>E2</b>	472	(70)	10	(1)	52	(8)	136	(20)	0 (0)	<b>670 (4.1)</b>
	<b>F</b>	709	(61)	19	(2)	98	(8)	330	(29)	0 (0)	<b>1,156 (7.1)</b>
	<b>G</b>	21	(66)	0	(0)	3	(9)	8	(25)	0 (0)	<b>32 (0.2)</b>
	<b>H</b>	146	(37)	11	(3)	10	(3)	225	(57)	0 (0)	<b>392 (2.4)</b>
	<b>I</b>	544	(66)	33	(4)	52	(6)	185	(22)	13 (2)	<b>827 (5.1)</b>
	<b>J</b>	14	(11)	18	(14)	8	(6)	89	(69)	0 (0)	<b>129 (0.8)</b>
	<b>K</b>	511	(55)	35	(4)	84	(9)	290	(31)	2 (0)	<b>922 (5.7)</b>
	<b>L</b>	125	(39)	59	(18)	37	(12)	98	(31)	0 (0)	<b>319 (2.0)</b>
	<b>M</b>	182	(50)	18	(5)	27	(7)	136	(37)	0 (0)	<b>363 (2.2)</b>
	<b>N</b>	218	(73)	9	(3)	37	(12)	36	(12)	0 (0)	<b>300 (1.8)</b>
	<b>O</b>	369	(60)	35	(6)	78	(13)	128	(21)	0 (0)	<b>610 (3.7)</b>
	<b>P</b>	823	(74)	18	(2)	45	(4)	226	(20)	0 (0)	<b>1,112 (6.8)</b>
	<b>Q</b>	236	(41)	34	(6)	47	(8)	254	(44)	0 (0)	<b>571 (3.5)</b>
	<b>R</b>	447	(65)	32	(5)	96	(14)	109	(16)	0 (0)	<b>684 (4.2)</b>
	<b>S</b>	66	(34)	21	(11)	6	(3)	103	(53)	0 (0)	<b>196 (1.2)</b>
	<b>T</b>	196	(41)	19	(4)	17	(4)	243	(51)	0 (0)	<b>475 (2.9)</b>
	<b>U</b>	185	(61)	22	(7)	46	(15)	48	(16)	0 (0)	<b>301 (1.8)</b>
	<b>V</b>	557	(51)	61	(6)	403	(37)	81	(7)	0 (0)	<b>1,102 (6.8)</b>
	<b>W</b>	374	(51)	47	(6)	159	(22)	151	(21)	0 (0)	<b>731 (4.5)</b>
	<b>X</b>	480	(63)	24	(3)	48	(6)	201	(26)	6 (1)	<b>759 (4.7)</b>
	<b>Y</b>	194	(43)	29	(6)	38	(8)	192	(42)	0 (0)	<b>453 (2.8)</b>
	<b>Z</b>	62	(16)	72	(18)	7	(2)	252	(64)	0 (0)	<b>393 (2.4)</b>
	<b>ZA</b>	503	(54)	11	(1)	11	(1)	398	(43)	1 (0)	<b>924 (5.7)</b>
	<b>ZB</b>	148	(58)	10	(4)	16	(6)	83	(32)	0 (0)	<b>257 (1.6)</b>
<b>2008 Total</b>		<b>9,092 (55.8)</b>		<b>750 (4.6)</b>		<b>1,651 (10.1)</b>		<b>4,773 (29.3)</b>		<b>22 (0.1)</b>	<b>16,288</b>
<b>2009</b>	<b>A</b>	197	(37)	17	(3)	11	(2)	302	(57)	0 (0)	<b>527 (3.1)</b>
	<b>B</b>	18	(4)	40	(9)	3	(1)	395	(87)	0 (0)	<b>456 (2.7)</b>
	<b>C</b>	268	(78)	5	(1)	34	(10)	36	(10)	0 (0)	<b>343 (2.0)</b>
	<b>D</b>	375	(53)	46	(7)	56	(8)	228	(32)	0 (0)	<b>705 (4.1)</b>
	<b>E1</b>	709	(74)	29	(3)	130	(14)	86	(9)	0 (0)	<b>954 (5.6)</b>
	<b>E2</b>	470	(70)	9	(1)	39	(6)	150	(22)	0 (0)	<b>668 (3.9)</b>
	<b>F</b>	854	(74)	25	(2)	107	(9)	165	(14)	0 (0)	<b>1,151 (6.7)</b>
	<b>G</b>	23	(72)	3	(9)	1	(3)	5	(16)	0 (0)	<b>32 (0.2)</b>
	<b>H</b>	158	(28)	20	(3)	10	(2)	384	(67)	0 (0)	<b>572 (3.3)</b>
	<b>I</b>	520	(64)	46	(6)	66	(8)	180	(22)	0 (0)	<b>812 (4.7)</b>
	<b>J</b>	27	(23)	5	(4)	1	(1)	82	(70)	2 (2)	<b>117 (0.7)</b>
	<b>K</b>	512	(58)	25	(3)	62	(7)	278	(32)	0 (0)	<b>877 (5.1)</b>
	<b>L</b>	127	(42)	55	(18)	23	(8)	100	(33)	0 (0)	<b>305 (1.8)</b>
	<b>M</b>	202	(58)	25	(7)	29	(8)	90	(26)	0 (0)	<b>346 (2.0)</b>
	<b>N</b>	243	(70)	12	(3)	57	(17)	33	(10)	0 (0)	<b>345 (2.0)</b>
	<b>O</b>	406	(59)	35	(5)	133	(19)	119	(17)	0 (0)	<b>693 (4.0)</b>
	<b>P</b>	844	(77)	30	(3)	44	(4)	185	(17)	0 (0)	<b>1,103 (6.4)</b>
	<b>Q</b>	212	(48)	15	(3)	53	(12)	164	(37)	0 (0)	<b>444 (2.6)</b>
	<b>R</b>	507	(69)	21	(3)	74	(10)	138	(19)	0 (0)	<b>740 (4.3)</b>
	<b>S</b>	60	(35)	22	(13)	9	(5)	80	(47)	0 (0)	<b>171 (1.0)</b>
	<b>T</b>	204	(41)	18	(4)	23	(5)	249	(50)	0 (0)	<b>494 (2.9)</b>
	<b>U</b>	191	(57)	37	(11)	52	(16)	55	(16)	0 (0)	<b>335 (2.0)</b>
	<b>V</b>	714	(54)	99	(8)	404	(31)	97	(7)	0 (0)	<b>1,314 (7.7)</b>
	<b>W</b>	331	(53)	43	(7)	143	(23)	106	(17)	0 (0)	<b>623 (3.6)</b>
	<b>X</b>	495	(62)	24	(3)	60	(7)	217	(27)	6 (1)	<b>802 (4.7)</b>
	<b>Y</b>	181	(45)	13	(3)	27	(7)	180	(45)	0 (0)	<b>401 (2.3)</b>
	<b>Z</b>	41	(10)	70	(18)	16	(4)	270	(68)	0 (0)	<b>397 (2.3)</b>
	<b>ZA</b>	513	(55)	18	(2)	13	(1)	395	(42)	0 (0)	<b>939 (5.5)</b>
	<b>ZB</b>	226	(47)	21	(4)	25	(5)	150	(31)	56 (12)	<b>478 (2.8)</b>
<b>2009 Total</b>		<b>9,628 (56.2)</b>		<b>828 (4.8)</b>		<b>1,705 (9.9)</b>		<b>4,919 (28.7)</b>		<b>64 (0.4)</b>	<b>17,144</b>
<b>2010</b>	<b>A</b>	228	(38)	23	(4)	22	(4)	321	(54)	0 (0)	<b>594 (3.1)</b>
	<b>B</b>	19	(4)	40	(9)	6	(1)	382	(85)	0 (0)	<b>447 (2.4)</b>
	<b>C</b>	197	(76)	13	(5)	24	(9)	26	(10)	0 (0)	<b>260 (1.4)</b>
	<b>D</b>	433	(62)	33	(5)	52	(7)	180	(26)	0 (0)	<b>698 (3.7)</b>
	<b>E1</b>	649	(70)	45	(5)	176	(19)	62	(7)	0 (0)	<b>932 (4.9)</b>
	<b>E2</b>	512	(69)	14	(2)	93	(13)	125	(17)	0 (0)	<b>744 (3.9)</b>
	<b>F</b>	874	(75)	25	(2)	89	(8)	181	(15)	0 (0)	<b>1,169 (6.2)</b>
	<b>G</b>	30	(79)	0	(0)	2	(5)	6	(16)	0 (0)	<b>38 (0.2)</b>
	<b>H</b>	204	(34)	42	(7)	34	(6)	315	(53)	0 (0)	<b>595 (3.1)</b>
	<b>I</b>	496	(64)	28	(4)	74	(10)	171	(22)	0 (0)	<b>769 (4.1)</b>
	<b>J</b>	8	(10)	4	(5)	0	(0)	65	(84)	0 (0)	<b>77 (0.4)</b>
	<b>K</b>	520	(55)	26	(3)	88	(9)	314	(33)	1 (0)	<b>949 (5.0)</b>
	<b>L</b>	125	(39)	57	(18)	47	(15)	90	(28)	2 (1)	<b>321 (1.7)</b>
	<b>M</b>	215	(60)	20	(6)	33	(9)	91	(25)	0 (0)	<b>359 (1.9)</b>
	<b>N</b>	156	(63)	9	(4)	53	(21)	30	(12)	0 (0)	<b>248 (1.3)</b>
	<b>O</b>	401	(54)	38	(5)	146	(20)	160	(21)	0 (0)	<b>745 (3.9)</b>
	<b>P</b>	881	(77)	34	(3)	84	(7)	148	(13)	1 (0)	<b>1,148 (6.1)</b>
	<b>Q</b>	245	(47)	31	(6)	45	(9)	152	(29)	46 (9)	<b>519 (2.7)</b>
	<b>R</b>	584	(65)	24	(3)	97	(11)	188	(21)	0 (0)	<b>893 (4.7)</b>
	<b>S</b>	58	(28)	21	(10)	9	(4)	116	(57)	0 (0)	<b>204 (1.1)</b>
	<b>T</b>	185	(39)	15	(3)	19	(4)	255	(54)	0 (0)	<b>474 (2.5)</b>
	<b>U</b>	180	(55)	19	(6)	78	(24)	49	(15)	0 (0)	<b>326 (1.7)</b>
	<b>V</b>	684	(54)	109	(9)	361	(29)	107	(8)	1 (0)	<b>1,262 (6.7)</b>
	<b>W</b>	396	(59)	29	(4)	126	(19)	115	(17)	4 (1)	<b>670 (3.5)</b>
	<b>X</b>	391	(55)	42	(6)	72	(10)	209	(29)	2 (0)	<b>716 (3.8)</b>
	<b>Y</b>	167	(39)	22	(5)	24	(6)	212	(50)	0 (0)	<b>425 (2.2)</b>
	<b>Z</b>	46	(12)	58	(16)	26	(7)	244	(65)	0 (0)	<b>374 (2.0)</b>
	<b>ZA</b>	463	(50)	24	(3)	25	(3)	401	(43)	9 (1)	<b>922 (4.9)</b>
	<b>ZB</b>	213	(48)	15	(3)	23	(5)	152	(34)	40 (9)	<b>443 (2.3)</b>
	<b>ZC</b>	588	(60)	30	(3)	89	(9)	281	(28)	0 (0)	<b>988 (5.2)</b>
	<b>ZD</b>	265	(55)	7	(1)	19	(4)	193	(40)	0 (0)	<b>484 (2.6)</b>
	<b>ZE</b>	50	(45)	1	(1)	7	(6)	54	(48)	0 (0)	<b>112 (0.6)</b>
<b>2010 Total</b>		<b>10,463 (55.3)</b>		<b>898 (4.8)</b>		<b>2,043 (10.8)</b>		<b>5,395 (28.5)</b>		<b>106 (0.6)</b>	<b>18,905</b>
<b>Grand Total</b>		<b>29,183 (55.8)</b>		<b>2,476 (4.7)</b>		<b>5,399 (10.3)</b>		<b>15,087 (28.8)</b>		<b>192 (0.4)</b>	<b>52,337</b>

**Figure 31a Percentage of children receiving invasive ventilation  
by Nation or English SHA in Great Britain, 2008-10**



Note that in this map results for Scotland and Wales are those for the whole country  
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**Figure 31b Percentage of children receiving invasive ventilation by PCO/HB in Great Britain, 2008-10**



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## **Bed activity and length of stay**

Tables 32 – 33 present data on total bed days delivered by age and sex overall and by age by trust. The total number of bed days delivered is calculated as the sum of children receiving intensive care in a PICU each day. Tables 34 – 35 and their associated figures present summary data by year and month and by trust and year on a ‘bed census’: the number of children present in a PICU bed at 10 minutes past midnight. Tables 36 – 37 present data we describe as ‘bed activity’ by month and by trust, where a bed is counted as occupied if a child was present on a unit for any part of a the day. This inevitably results in higher figures than the bed census data as a bed may have more than one child occupying it in any one day. Tables 38 – 39 present summary data on length of stay by trust and age group and trust and diagnostic group. Table 40 groups the number of admissions by length of stay by trust, calculated to the minute in categories ranging from less than 1 hour to over 1 week. Children admitted prior to the report period, but discharged during it, are counted from 00:00 on 1 January 2008 until their discharge (or until 24:00 on 31 December 2010 if not discharged). Children admitted during the report period but discharged in 2011 (or who are still on the PICU) are counted from their admission date until 24:00 on 31 December 2010.

The number of bed days, bed census, bed activity and length of stay data are summarised by median and interquartile range (IQR). Median daily bed census figures and daily bed activity are plotted using a box and whisker graph by month and year, and by NHS trust. This type of graph indicates the median by a line within the coloured box, the ends of which give the IQR. The ‘whiskers’ indicate values beyond the IQRs, although extreme outside values are not plotted.

**Table 32 Bed days by age and sex, 2008 - 2010**

Age (Years)	Sex						Total	
	Male		Female		Ambiguous		Unknown	
	n	%	n	%	n	%	n	%
0	100,919	(57)	74,796	(43)	80	(0)	118	(0)
1	17,578	(54)	15,048	(46)	0	(0)	4	(0)
2	8,228	(52)	7,125	(45)	3	(0)	466	(3)
3	6,086	(57)	4,676	(43)	7	(0)	0	(0)
4	4,889	(54)	4,219	(46)	0	(0)	4	(0)
5	3,796	(54)	3,259	(46)	0	(0)	3	(0)
6	3,126	(57)	2,332	(43)	0	(0)	3	(0)
7	2,374	(54)	2,019	(46)	0	(0)	2	(0)
8	2,646	(54)	2,279	(46)	0	(0)	2	(0)
9	2,283	(42)	3,191	(58)	0	(0)	5	(0)
10	2,937	(60)	1,947	(40)	0	(0)	2	(0)
11	2,633	(52)	2,389	(47)	7	(0)	4	(0)
12	2,418	(41)	3,492	(59)	0	(0)	0	(0)
13	3,375	(50)	3,356	(50)	0	(0)	2	(0)
14	3,581	(54)	2,986	(45)	21	(0)	2	(0)
15	3,456	(49)	3,563	(51)	0	(0)	7	(0)
Unknown	376	(49)	6	(1)	0	(0)	387	(50)
Total	170,701	(55.3)	136,683	(44.3)	118	(0.0)	1,011	(0.3)
	308,513							

**Figure 32 Bed days by age and sex, 2008 - 2010**

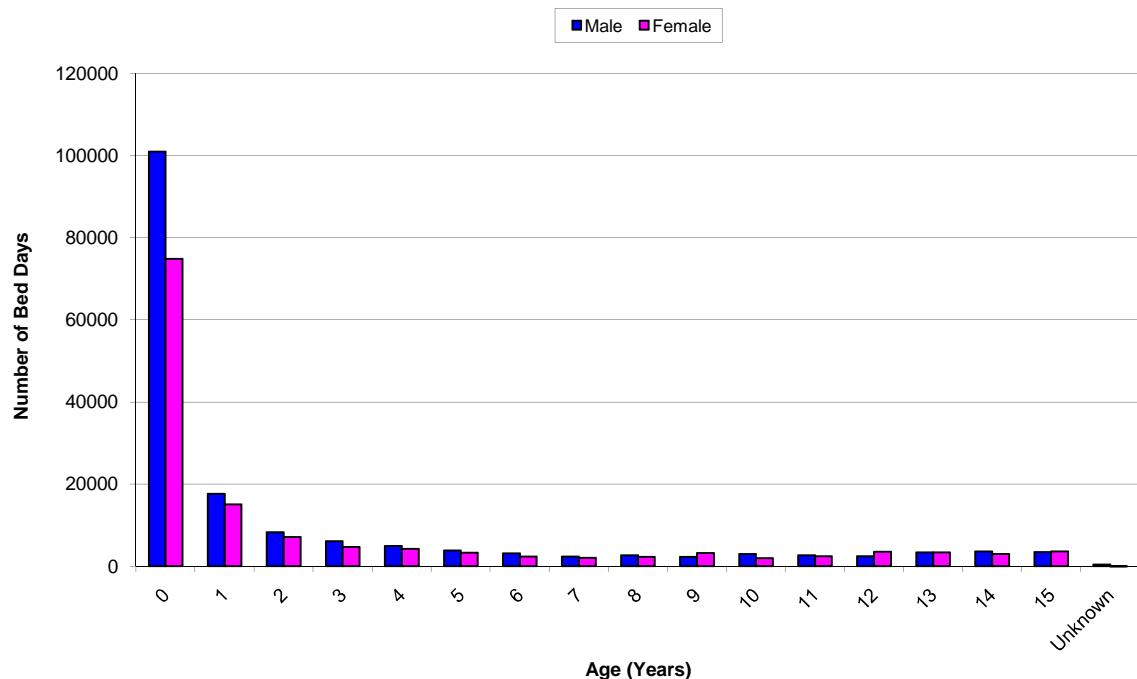


Table 33 Bed days by age by NHS trust, 2008 - 2010

Admission year	NHS Trust	Age Group (Years)								Total	
		<1		1-4		5-10		11-15			
		n	%	n	%	n	%	n	%	n	%
2008	A	746	(32)	932	(40)	330	(14)	331	(14)	2,339	(2.5)
	B	435	(34)	422	(33)	170	(13)	264	(20)	1,291	(1.4)
	C	639	(44)	365	(25)	191	(13)	255	(18)	1,450	(1.5)
	D	2,323	(52)	936	(21)	529	(12)	653	(15)	4,441	(4.7)
	E1	3,991	(67)	1,065	(18)	410	(7)	485	(8)	5,951	(6.3)
	E2	3,348	(72)	687	(15)	286	(6)	354	(8)	4,675	(4.9)
	F	3,791	(63)	1,442	(24)	397	(7)	434	(7)	6,064	(6.4)
	G	34	(49)	6	(9)	7	(10)	22	(32)	69	-
	H	859	(42)	581	(28)	371	(18)	230	(11)	2,041	(2.2)
	I	2,641	(49)	1,384	(25)	554	(10)	861	(16)	5,440	(5.7)
	J	130	(51)	47	(19)	45	(18)	32	(13)	254	(0.3)
	K	3,731	(64)	1,154	(20)	481	(8)	429	(7)	5,795	(6.1)
	L	925	(53)	335	(19)	247	(14)	226	(13)	1,733	(1.8)
	M	567	(34)	497	(30)	303	(18)	305	(18)	1,672	(1.8)
	N	1,232	(65)	450	(24)	122	(6)	106	(6)	1,910	(2.0)
	O	3,452	(82)	522	(12)	146	(3)	97	(2)	4,217	(4.4)
	P	3,098	(53)	1,501	(26)	463	(8)	808	(14)	5,870	(6.2)
	Q	1,281	(45)	682	(24)	511	(18)	389	(14)	2,863	(3.0)
	R	1,766	(60)	548	(19)	283	(10)	359	(12)	2,956	(3.1)
	S	512	(48)	138	(13)	257	(24)	169	(16)	1,076	(1.1)
	T	593	(29)	772	(38)	378	(18)	303	(15)	2,046	(2.2)
	U	967	(45)	675	(31)	394	(18)	122	(6)	2,158	(2.3)
	V	4,611	(62)	1,521	(21)	637	(9)	636	(9)	7,405	(7.8)
	W	2,229	(50)	1,207	(27)	609	(14)	422	(9)	4,467	(4.7)
	X	2,412	(51)	1,680	(36)	352	(7)	274	(6)	4,718	(5.0)
	Y	957	(39)	528	(21)	349	(14)	643	(26)	2,477	(2.6)
	Z	655	(39)	368	(22)	473	(28)	189	(11)	1,685	(1.8)
	ZA	3,956	(65)	1,168	(19)	514	(8)	477	(8)	6,115	(6.5)
	ZB	1,025	(64)	248	(16)	153	(10)	168	(11)	1,594	(1.7)
	2008 Total	52,906	(55.8)	21,861	(23.1)	9,962	(10.5)	10,043	(10.6)	94,772	
2009	A	990	(40)	561	(23)	386	(16)	511	(21)	2,448	(2.5)
	B	752	(39)	629	(32)	270	(14)	293	(15)	1,944	(2.0)
	C	775	(49)	402	(26)	133	(8)	259	(17)	1,569	(1.6)
	D	1,702	(40)	1,286	(30)	599	(14)	710	(17)	4,297	(4.4)
	E1	4,084	(67)	1,089	(18)	512	(8)	383	(6)	6,068	(6.1)
	E2	2,931	(66)	626	(14)	364	(8)	495	(11)	4,416	(4.5)
	F	3,796	(62)	1,338	(22)	556	(9)	462	(8)	6,152	(6.2)
	G	25	(28)	21	(23)	4	(4)	40	(44)	90	-
	H	1,252	(33)	1,335	(35)	651	(17)	525	(14)	3,763	(3.8)
	I	2,634	(59)	936	(21)	426	(10)	461	(10)	4,457	(4.5)
	J	127	(56)	50	(22)	27	(12)	24	(11)	228	(0.2)
	K	3,394	(60)	1,139	(20)	516	(9)	564	(10)	5,613	(5.7)
	L	947	(57)	327	(20)	198	(12)	179	(11)	1,651	(1.7)
	M	843	(50)	370	(22)	200	(12)	280	(17)	1,693	(1.7)
	N	1,035	(56)	363	(20)	193	(11)	247	(13)	1,838	(1.9)
	O	3,358	(75)	638	(14)	321	(7)	163	(4)	4,480	(4.5)
	P	3,825	(64)	1,110	(19)	610	(10)	441	(7)	5,986	(6.1)
	Q	1,162	(49)	471	(20)	330	(14)	421	(18)	2,384	(2.4)
	R	2,025	(55)	1,039	(28)	283	(8)	340	(9)	3,687	(3.7)
	S	748	(58)	290	(23)	131	(10)	118	(9)	1,287	(1.3)
	T	678	(29)	757	(33)	431	(19)	456	(20)	2,322	(2.4)
	U	871	(42)	619	(30)	331	(16)	258	(12)	2,079	(2.1)
	V	4,458	(62)	1,591	(22)	657	(9)	498	(7)	7,204	(7.3)
	W	3,327	(66)	786	(16)	473	(9)	466	(9)	5,052	(5.1)
	X	2,578	(49)	826	(16)	899	(17)	949	(18)	5,252	(5.3)
	Y	1,114	(47)	422	(18)	353	(15)	488	(21)	2,377	(2.4)
	Z	899	(51)	308	(17)	348	(20)	225	(13)	1,780	(1.8)
	ZA	3,257	(55)	1,353	(23)	717	(12)	542	(9)	5,869	(5.9)
	ZB	1,699	(62)	531	(19)	348	(13)	159	(6)	2,737	(2.8)
	2009 Total	55,286	(56.0)	21,213	(21.5)	11,267	(11.4)	10,957	(11.1)	98,723	
2010	A	1,249	(32)	1,154	(30)	781	(20)	707	(18)	3,891	(3.4)
	B	721	(40)	695	(38)	214	(12)	182	(10)	1,812	(1.6)
	C	480	(41)	367	(31)	137	(12)	184	(16)	1,168	(1.0)
	D	2,260	(47)	1,268	(26)	686	(14)	626	(13)	4,840	(4.2)
	E1	4,175	(67)	1,137	(18)	511	(8)	447	(7)	6,270	(5.4)
	E2	3,415	(68)	813	(16)	398	(8)	366	(7)	4,992	(4.3)
	F	4,180	(64)	1,480	(23)	506	(8)	349	(5)	6,515	(5.7)
	G	35	(47)	17	(23)	4	(5)	18	(24)	74	-
	H	2,079	(46)	1,386	(30)	431	(9)	663	(15)	4,559	(4.0)
	I	3,006	(53)	1,427	(25)	885	(16)	330	(6)	5,648	(4.9)
	J	76	(47)	40	(25)	33	(20)	12	(7)	161	(0.1)
	K	4,350	(71)	1,054	(17)	256	(4)	498	(8)	6,158	(5.3)
	L	900	(52)	478	(27)	186	(11)	180	(10)	1,744	(1.5)
	M	727	(44)	444	(27)	217	(13)	249	(15)	1,637	(1.4)
	N	907	(54)	398	(24)	216	(13)	149	(9)	1,670	(1.4)
	O	3,031	(69)	873	(20)	193	(4)	308	(7)	4,405	(3.8)
	P	4,410	(58)	1,290	(17)	615	(8)	493	(7)	7,577	(6.6)
	Q	1,226	(47)	650	(25)	366	(14)	390	(15)	2,632	(2.3)
	R	2,419	(64)	629	(17)	329	(9)	420	(11)	3,797	(3.3)
	S	430	(48)	189	(21)	40	(4)	238	(27)	897	(0.8)
	T	744	(36)	764	(37)	212	(10)	358	(17)	2,078	(1.8)
	U	1,655	(57)	664	(23)	327	(11)	245	(8)	2,891	(2.5)
	V	4,865	(65)	1,476	(20)	611	(8)	502	(7)	7,454	(6.5)
	W	2,575	(61)	756	(18)	480	(11)	426	(10)	4,237	(3.7)
	X	2,839	(64)	1,195	(27)	206	(5)	162	(4)	4,402	(3.8)
	Y	821	(42)	499	(25)	190	(10)	460	(23)	1,970	(1.7)
	Z	802	(54)	277	(19)	227	(15)	179	(12)	1,485	(1.3)
	ZA	4,078	(65)	1,187	(19)	716	(11)	327	(5)	6,308	(5.5)
	ZB	1,661	(60)	597	(22)	290	(11)	207	(8)	2,755	(2.4)
	ZC	5,687	(74)	1,254	(16)	379	(5)	344	(4)	7,664	(6.7)
	ZD	1,485	(61)	545	(23)	203	(8)	189	(8)	2,422	(2.1)
	ZE	799	(71)	209	(18)	86	(8)	38	(3)	1,132	(1.0)
	2010 Total	68,087	(59.1)	25,212	(21.9)	10,931	(9.5)	10,246	(8.9)	115,245	
	Grand Total	175,913	(57.0)	68,333	(22.1)	32,206	(10.4)	31,292	(10.1)	308,513	

**Table 34 Bed census by month, 2008 - 2010**

Year	Month	Number in PICU	
		Median	IQR
2008	1	220	212-232
	2	197	188-204
	3	200	189-207
	4	207	200-216
	5	212	200-219
	6	209	203-214
	7	211	206-220
	8	193	186-199
	9	202	190-212
	10	220	213-228
	11	259	250-264
	12	265	252-272
2009	1	248	238-252
	2	232	225-243.5
	3	231	224-244
	4	235	221-245
	5	220	212-233
	6	223	213-235
	7	217	207-222
	8	214	203-221
	9	215	205-226
	10	227	214-235
	11	245	233-262
	12	281	273-289
2010	1	288	276-296
	2	294	286-302
	3	294	285-302
	4	282	266-293
	5	274	264-283
	6	257	243-261
	7	255	243-265
	8	246	236-254
	9	260	252-270
	10	269	260-279
	11	285	267-301
	12	322	316-332

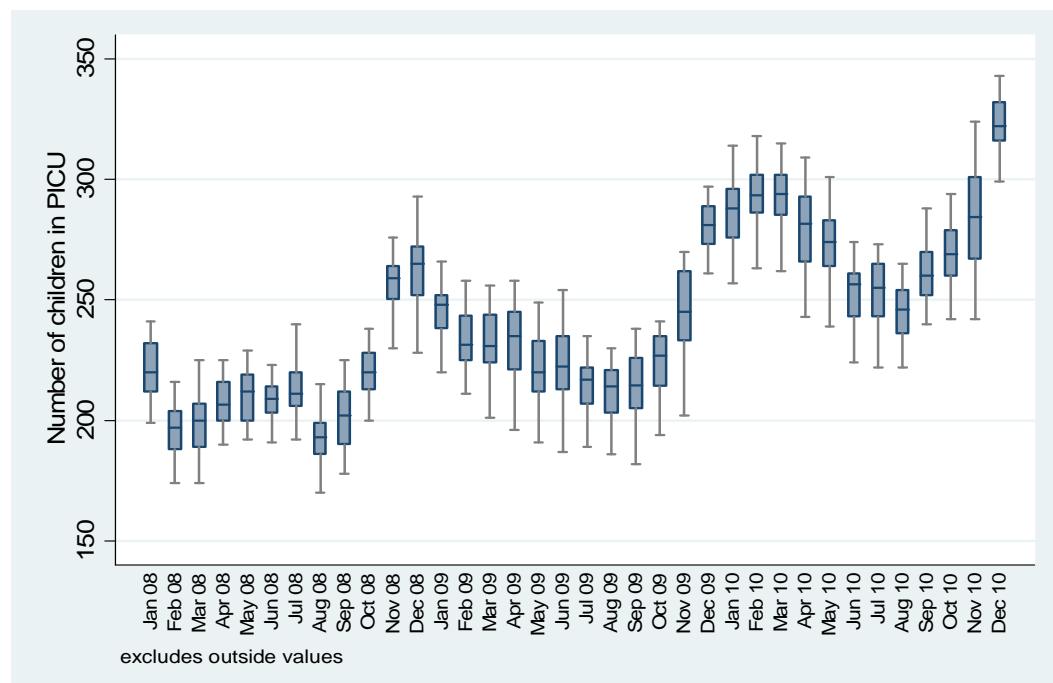
**Figure 34 Bed census by month, 2008 - 2010**

Table 35 Bed census by NHS trust, 2008 - 2010

Year	NHS Trust	Number in PICU	
		Median	IQR
2008	A	6	5-7
	B	2	1-4
	C	3	2-4
	D	11	9-12
	E1	13	12-15
	E2	11	10-12
	F	13	11-15
	G	0	0-0
	H	4	3-6
	I	13	11-14
	J	0	0-1
	K	13	12-15
	L	3	3-5
	M	5	4-6
	N	4	4-5
	O	9	8-11
	P	13	11-16
	Q	7	5-8
	R	7	5-9
	S	2	1-3
	T	5	4-6
	U	5	4-7
	V	17	16-18
	W	10	8-12
	X	9	8-11
	Y	5	4-7
	Z	4	3-5
	ZA	14	13-16
	ZB	5	4-6
2009	A	5	4-7
	B	4	3-6
	C	3	2-5
	D	10	9-12
	E1	15	13-16
	E2	11	9-12
	F	14	12-16
	G	0	0-0
	H	8	7-9
	I	10	8-12
	J	0	0-1
	K	13	12-15
	L	4	3-5
	M	4	3-5
	N	4	3-5
	O	11	9-12
	P	13	12-16
	Q	5	4-7
	R	8	7-9
	S	3	2-4
	T	5	4-6
	U	5	4-6
	V	17	15-18
	W	12	11-13
	X	12	11-14
	Y	6	5-7
	Z	4	3-4
	ZA	14	11-16
	ZB	10	8-12
2010	A	7	6-9
	B	4	3-5
	C	2	1-3
	D	12	10-13
	E1	15	14-16
	E2	12	11-13
	F	15	13-17
	G	0	0-0
	H	10	9-12
	I	13	12-15
	J	0	0-0
	K	15	13-16
	L	4	3-5
	M	4	2-4
	N	4	3-5
	O	10	8-12
	P	18	17-20
	Q	6	5-8
	R	8	7-10
	S	2	1-3
	T	5	3-6
	U	6	4-7
	V	18	16-19
	W	10	8-12
	X	15	14-16
	Y	5	4-6
	Z	3	2-4
	ZA	11	8-14
	ZB	17	16-18
	ZC	18	16-19
	ZD	5	4-6
	ZE	0	0-5

Figure 35a Bed census by NHS trust, 2008

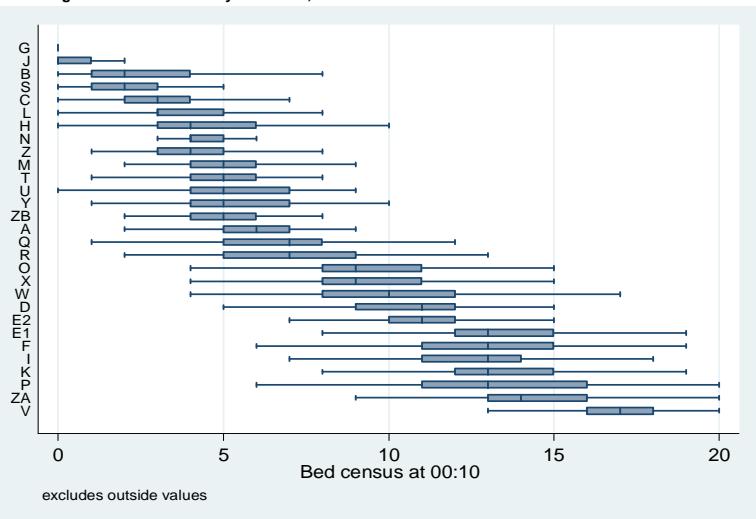


Figure 35b Bed census by NHS trust, 2009

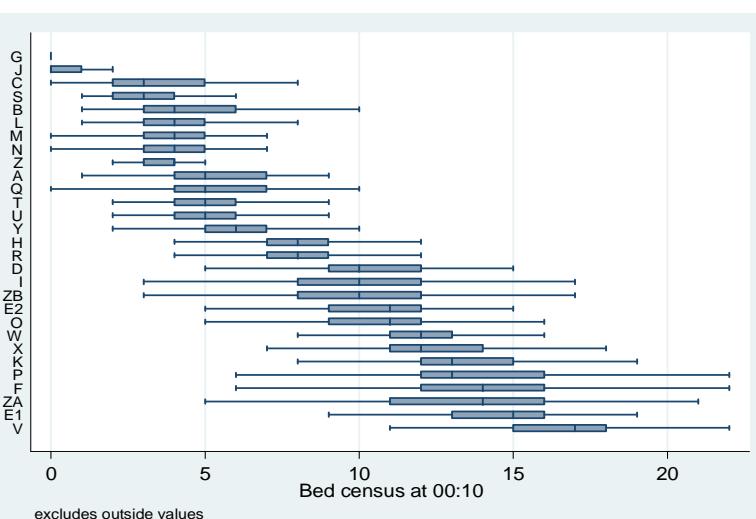
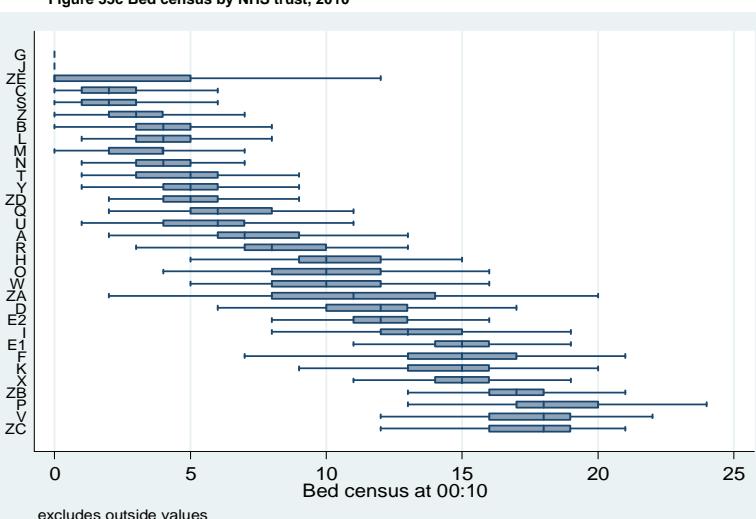


Figure 35c Bed census by NHS trust, 2010



**Table 36 Bed activity by month, 2008 - 2010**

Year	Month	Bed Activity (Days)	
		Median	IQR
2008	1	267	257-284
	2	241	230-254
	3	244	227-257
	4	253	241-265
	5	259	242-266
	6	257	241-264
	7	258	246-269
	8	236	224-250
	9	247	231-263
	10	270	252-280
	11	311	297-319
	12	316	295-330
2009	1	296	281-305
	2	280	269-293
	3	281	268-295
	4	279	257-297
	5	269	245-287
	6	272	256-286
	7	259	246-275
	8	254	241-271
	9	268	248-281
	10	275	259-289
	11	298	283-315
	12	338	316-351
2010	1	343	321-356
	2	349	328-358.5
	3	349	335-362
	4	335	311-352
	5	324	304-338
	6	311	293-320
	7	307	285-321
	8	290	276-306
	9	317	298-330
	10	323	300-340
	11	344	321-363
	12	385	367-400

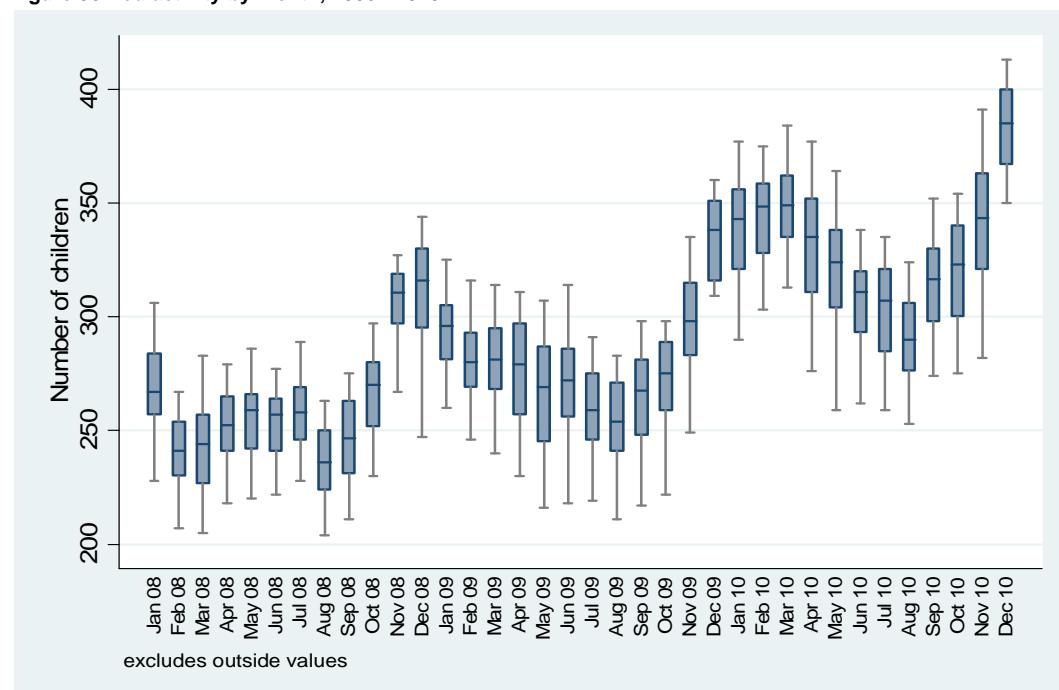
**Figure 36 Bed activity by month, 2008 - 2010**

Table 37 Bed activity by NHS trust, 2008 - 2010

Year	NHS Trust	Bed Activity (Days)	
		Median	IQR
2008	A	7	6-8
	B	3	2-5
	C	4	3-5
	D	12	11-14
	E1	16	14-18
	E2	13	12-14
	F	16	14-18
	G	0	0-0
	H	5	4-7
	I	15	13-17
	J	1	0-1
	K	16	14-18
	L	4	3-6
	M	6	5-7
	N	5	4-6
	O	11	10-13
	P	16	14-19
	Q	8	6-10
	R	9	7-11
	S	3	2-4
	T	6	5-7
	U	6	5-7
	V	20	19-22
	W	12	10-14
	X	12	10-14
	Y	7	5-8
	Z	5	4-6
	ZA	17	15-19
	ZB	6	4-7
2009	A	7	6-8
	B	6	4-7
	C	4	3-6
	D	12	10-14
	E1	17	16-19
	E2	12	11-14
	F	17	15-19
	G	0	0-0
	H	10	8-11
	I	13	10-15
	J	0	0-1
	K	16	14-17
	L	5	4-6
	M	5	4-6
	N	5	4-6
	O	12	11-14
	P	16	14-19
	Q	6	5-8
	R	10	9-12
	S	3	2-4
	T	6	5-8
	U	6	4-7
	V	20	19-22
	W	13	12-15
	X	15	13-17
	Y	7	6-9
	Z	5	4-6
	ZA	16	14-19
	ZB	11	9-13
2010	A	9	8-11
	B	5	4-7
	C	3	1-4
	D	14	12-15
	E1	17	16-19
	E2	14	13-15
	F	18	16-20
	G	0	0-0
	H	12	10-14
	I	15	14-17
	J	0	0-1
	K	17	15-19
	L	5	3-6
	M	5	3-6
	N	5	4-5
	O	12	10-14
	P	21	19-24
	Q	7	6-9
	R	11	9-13
	S	3	2-4
	T	6	4-8
	U	6	5-8
	V	21	19-22
	W	12	10-14
	X	17	15-19
	Y	6	5-7
	Z	4	3-5
	ZA	14	10-17
	ZB	18	17-19
	ZC	20	18-22
	ZD	7	6-8
	ZE	0	0-6

Figure 37a Bed activity by NHS trust, 2008

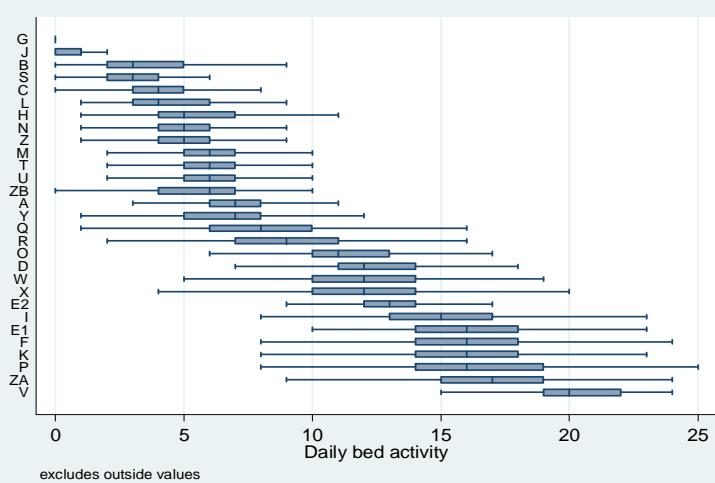


Figure 37b Bed activity by NHS trust, 2009

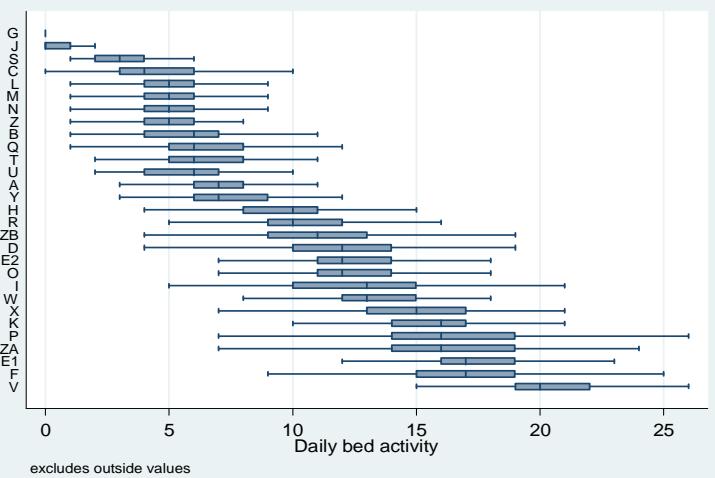


Figure 37c Bed activity by NHS trust, 2010

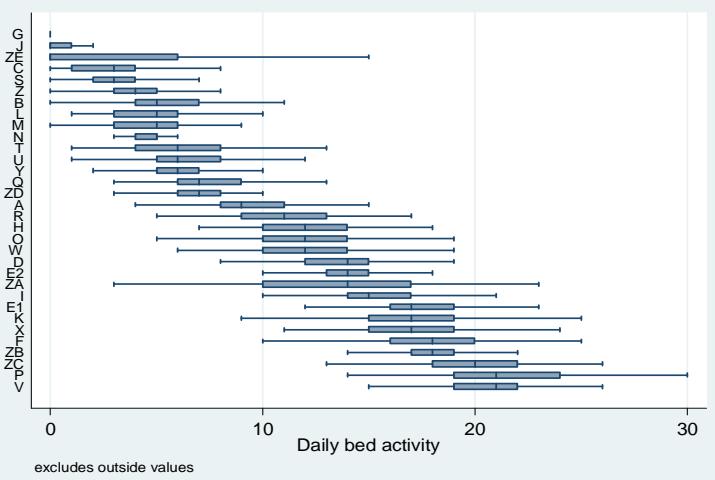


Table 38 Length of stay by age and NHS trust, 2008 - 2010

Admission year	NHS Trust	Age Group (Years)							
		<1		1-4		5-10		11-15	
		Median	IQR	Median	IQR	Median	IQR	Median	IQR
2008	A	3	2-6	2	2-4	2	2-4	2	2-3
	B	2	2-4	2	2-3	4	2-5	2	2-3
	C	4	3-7	3	2-5	2	2-4.5	2	2-4
	D	4	2-8	3	2-6	3	2-4	3	2-8
	E1	5	3-8	4	2-7	3	2-6	3	2-7
	E2	5	3-9	2	2-4	2	2-3	2	2-5
	F	4	3-6	3	2-5	2	2-4	2	2-3
	G	1.5	1-3	1.5	1-2	1	1-2	2	2-3
	H	3	2-8	2	2-4	2	2-4	2	2-4
	I	4	3-7	3	2-5	2	2-3	2	2-4
	J	2	1-3	2	1-2	2	2-2	2	1-2
	K	4	2-7	3	2-5	2	2-4	2	2-4
	L	4	2-8	2.5	2-5	2	2-4	2	2-3
	M	3	2-7	2	2-4.5	3	2-5	2	2-4
	N	4	2-8	3	2-5	2	2-4	2	2-3
	O	4	2-8	3	2-4	2	2-3	2	2-3
	P	4	2-6	2	2-5	2	2-4	3	2-5
	Q	3	2-6	2	2-5	3	2-6	2	2-4
	R	3	2-6	2	2-4	2	2-3	2	2-4
	S	4	2-6	2	2-3.5	2	2-4	2	2-3
	T	3	2-5	2	2-5	2	2-4	2	2-3
	U	5	2-8	4	2-7	4	2-9.5	3	2-4
	V	4	2-8	2	2-5	2	2-4.5	2	2-5
	W	4	2-8	3	2-6	2	2-5	3	2-8
	X	4	2-7	2	2-4	2	1-4.5	2	1-4
	Y	4	3-7	2	2-5	3	2-6	2	2-4
	Z	3	2-5	2	2-3	2	2-4	2	2-3
	ZA	4	2-8	2	2-4	2	2-3	2	2-5
	ZB	4	2-9	2	2-6	3	2-4	2	2-3
2009	A	3	2-6	2	2-4	2	2-3	2	2-4
	B	3	2-4	2	2-4	2.5	2-4	3	2-4
	C	5	2-7	3	2-6	2	1-4	2	2-3
	D	4	2-7	3	2-7	2	2-6	3	2-6
	E1	5	3-9	3	2-7	3	2-6	2	2-5
	E2	4	3-8	2	2-4	2	2-3	2	2-6
	F	4	3-7	3	2-5	3	2-5	2	2-3
	G	2	1-4	2	1-2	2	2-2	2	2-3
	H	3	2-7	3	2-6	3	2-4.5	3	2-5
	I	4	2-6.5	2	2-4	2	2-3	2	2-4
	J	2	2-2	2	1-2	1	1-2	2	1-2
	K	4	2-8	3	2-5	2	2-4	2	2-4
	L	3	2-6	2	2-5	2	2-4	2	2-3
	M	4	2-7	3	2-6	2	2-3	2	2-4
	N	4	2-8	2	2-4	3	2-5	3	2-5.5
	O	4	2-7	3	2-4	2.5	2-4	2	2-4
	P	4	2-6	2	2-5	3	2-5	3	2-4
	Q	4	2-6	3	2-5	3	2-7	3	2-6
	R	3	2-6	3	2-6	2	2-4	2	2-3
	S	3	2-7	2	1-3	3	2-4	2	2-3
	T	3	2-6	2	2-4	2	2-5	2	2-4
	U	5	3-8	3.5	2-7	3	2-7	3	3-5
	V	4	2-7	2	2-5	2	2-3	2	2-4
	W	4	3-8	3	2-5	3	2-6	3	2-7
	X	4	2-7	2	2-4	2	2-5	2	1-4
	Y	5	2-8	3	2-5	3	2-6	2	2-4
	Z	3	2-6	2	1-3	3	2-5	2	2-3
	ZA	4	2-8	2	2-4	2	2-4	3	2-5
	ZB	4	2-7	3	2-6	3	2-5	2	2-3
2010	A	4	2-7	3	2-6	2	2-4	2	2-3
	B	3	2-4.5	2	2-4	3	2-4	2	2-3
	C	4	2-7	3	2-6	3	2-5	2	2-3
	D	4	3-7	3	2-6	3	2-6	3	2-6
	E1	5	3-9	3	2-6	3	2-5	3	2-6
	E2	5	3-8	2	2-4	2	2-4	3	2-9
	F	4	3-7	3	2-5	3	2-4	2	2-3
	G	1	1-2	1	1-4	2	2-2	1	1-4
	H	4	2-8	3	2-7	3	2-5	3	2-4
	I	4	2-8	3	2-4	2	2-4	2	2-3
	J	2	2-3	2	1-2	2	1-2	2	1-2
	K	4	2-8	2	2-4	2	2-2	2	2-4
	L	4	2-7	3	2-5	2	2-4	2	2-3
	M	4	3-6	2	2-5	3	2-4	3	2-4
	N	5	2-8	3	2-10	3.5	2-6	3	2-8
	O	4	2-6	2	2-4	2	2-3	2	2-3
	P	4	2-7	3	2-5	2	2-5	3	2-6
	Q	4.0	2-6	3	2-6	3	2-8	3	2-7
	R	3	2-6	2	2-4	2	2-3	2	2-3
	S	3	2-5	2	1-4	2	1-2	2	2-5
	T	4	2-8	2	2-5	2	2-4	2	2-3
	U	6	3-9	3	2-6	3	2-6	4	2-11
	V	4	2-7	2	2-6	2	2-3	2	2-4
	W	4	3-8	3	2-5	3	2-5	4	3-6.5
	X	4	2-8	2	2-4	2	1-3	2	1-3
	Y	4.5	2-9	2	2-5	2	2-5	2	2-4
	Z	3	2-5	2	1-3	2	1-3	2	2-3.5
	ZA	4	2-7	2	2-4	2	2-3	2	2-4
	ZB	4	2-8	3.0	2-6	3	2-4	2	2-3
	ZC	5	3-10	3	2-5	3	2-4	2	2-4
	ZD	4	2-8	2	2-4	2	2-4	3	2-4
	ZE	8	3-17	4	2-6	3.5	1-7	2.5	1-5

Table 39 Length of stay by primary diagnostic group and NHS trust, 2008 - 2010

NHS Trust	Diagnostic Group																											
	Blood / lymphatic Median	IQR	Body wall and cavities Median	IQR	Cardiovascular Median	IQR	Endocrine / metabolic Median	IQR	Gastrointestinal Median	IQR	Infection Median	IQR	Multisystem Median	IQR	Musculoskeletal Median	IQR	Neurological Median	IQR	Oncology Median	IQR	Respiratory Median	IQR	Trauma Median	IQR	Other Median	IQR	Unknown Median	IQR
A	2	1-4	2	2-4	3	2-4	2	2-4	2	2-3	4	2-7	3	2-8	2	2-2	3	2-5	2	2-3	5	2-8	3	2-5	2	1.5-2.5	3	2-6
B	3	2-4	3	2-4	2	1-3	3	2-3	3	2-4	3	2-5	2.5	1.5-7.5	2	2-3	2	2-4	4	3-9	2	2-4	2	2-3	2	2-3	0	0-0
C	2	1-2	4	1-4	3	2-6	3	2-7.5	3	2-4	4	3-7	1	1-1	2	2-2	2	2-4	2	2-3	5	3-7	2	2-4	3	2-4	0	0-0
D	3.5	2-9.5	3	2-5.5	3	2-7	2.5	2-5	3	2-5	5	3-8	11	3-14	2	2-3	3	2-5	2	2-4	4	2-9	4	2-7	2	2-4	0	0-0
E1	4.5	2-9.5	6	3-10	4	2-7	4	2-6	5	2-9	4	3-7	4	3-10	2	2-3	3	2-5	3	2-7	5	3-9	4	2-7	4	2-8	7	7-7
E2	2	1.5-4	5	3-14	3	2-6	8	4-11	4	1-4	5	3-8	2	2-2	4	3-5	3	2-5	3	2-3	6	3-11	11	11-11	2	2-7	2.5	1-5.5
F	2	2-5	2	1-5	3	2-5	2	2-4	2	2-5	4	2-6	5	2-21	2	2-2	3	2-4	2	2-2.5	4	3-7	2	1-4	2	2-3	4	3-6
G	0	0-0	0	0-0	1	1-2	2	2-2	0	0-0	2	1-3	0	0-0	0	0-0	2	1-3	1	1-1	1	1-2	2	2-4	2	1-2	0	0-0
H	2	2-3.5	2	1-3	2	2-6	3	2-7	3	2-7	4	2-5	0	0-0	2	2-2	3	2-5	3	2-7	2.5	2-4	3	2-4	4	2-7		
I	2	1-3	3	2-4	3	2-5	4	2-6	3	2-4	4	2-8	10	10-10	2	2-2	2	2-5	2	2-2	4	2-8	2	2-6	3	2-4	5	3-9
J	2	1-2	2	2-2	1	1-2	2	1-2	2	2-3	1	1-2	2	1-3	0	0-0	2	1-2	2	2-2	2	1-2	2	2-2.5	2	1-2	2	2-4
K	2	2-6	5	3-9	4	2-8	3	2-5	3	2-6	3	2-7	4	2-6	2	2-4	2	2-3	2	2-3	4	2-7	2	2-3	2	1-3	1	1-1
L	2	2-2	0	0-0	2	1-5	3	2-4	2	1-2	3	2-6	0	0-0	2	2-3	2	1-4	1.5	1-2.5	3	2-6	2	2-3	2	2-4	0	0-0
M	3	1-10	3	1-7	3	2-7	2	2-6	2	2-4	4	2-6	3	3-3	2	2-3	2	2-4	2	2-3.5	4	2-7	2	2-5	2	2-4	1	1-1
N	2	2-2	4.5	2-10	3	2-7	4.5	2-7	2	2-5	5	3-12	2.5	2-3	2	2-3	2	2-4	2.5	2-5.5	5	3-9	2	2-3	2	2-6	5	2-7
O	2.5	2-3	3	2-6	3	2-6	4.5	1-8	2.5	2-4	3	2-8	0	0-0	3	2-9	4	2-7	2	2-3	3	2-7	0	0-0	2	1-2	3	2-9.5
P	6	2-7	3	2-5	3	2-5	3	2-6	3	2-5	4	2-6	2	2-8	2	2-3	2	2-4	3	2-5	4	3-8	3	2-7	3	2-6	377	367-387
Q	2	1-6	4	2-6	3	2-6	2.5	2-5	3	2-5	4	2-5	5	4-10	2	2-3	2	2-4	2	2-3	4	2-8	3	2-6	2	2-3.5	3	2-4
R	2	2-4	2	2-3	3	2-5	3	2-8	2	2-3	3	2-7	2	2-2	2	2-2	2	1-4	2	1-3	4	2-7	2	2-4	2	1-3.5	2	1-3
S	8	8-8	0	0-0	2	2-5	2	2-3	3.5	1-7	2	2-4	17	17-17	2	2-3	2	2-3	2	2-2	3	2-5	3	2-4	2	2-3	0	0-0
T	2	1.5-2	2	2-2	2	1-5	3	2-7	2	2-3	3	2-5	0	0-0	2	2-3	2	2-4	2	2-3	4	2-8	2	2-3	2	2-4		
U	3	2-4	3	2-8	4	2-8	4.5	2-10	3	2-4	5	3-8	0	0-0	0	0-0	3	2-5	2	2-2	5	3-9	2	1-4	3	2-5	9	5-16
V	4	2-8	4	2-8	3	2-6	3	2-7	3	2-6	4	2-8	3	2-6.5	2	2-4	2	2-5	3	2-5	5	3-9	2	2-6	2	2-5	5	2-17
W	7	2.5-11	4	2-7	3	2-6	3	2-4	3	2-6	5	3-8	5	2-8	2	2-3	4	2-7	3	2-4	5	3-9	4	2-7	3	2-6	5	4-12
X	2	1-6	3	2-6	3	2-6	3	2-5	3	2-4	2	1-5	2.5	1.5-23.5	2	1-4	2	2-4	2.5	2-3.5	5	2-7	2	1-4	3	2-4	3	2-8
Y	2.5	2-5	5	3-9	5	2-10	3	2-6	3	2-6	5	2-8	2	2-2	2	2-3	3	2-5	2	2-3	4	2-7	3	2-5.5	2	2-5	2	2-4
Z	2	2-4	2.5	2-3	2.5	2-6	3	2-5	2.5	2-4	2.5	2-4	1	1-1	3	2-4	2	2-3	2	2-3	3	2-5	2	2-3	2	2-4	2	2-4
ZA	2.5	2-8	2	2-7	4	2-7	2	2-3	2	2-3	5	2-9	2	2-3	2	2-3	2	2-5	3	2-7	2	2-5	2	2-2	0	0-0		
ZB	4	2-6	3	2-8	4	2-7	3	2-5	2.5	2-6.5	3.5	2-6	4	2-5	2	2-2	2	2-3	2	2-3	5	2-9	2	2-4	3	2-4	4	2-7
ZC	3	1-6	7	4-23	5	3-8	2	2-5	4	2-9	2	2-3	0	0-0	2	2-2.5	3	2-4	3	2-4	4	2-9	2	2-5	4	2-8	0	0-0
ZD	4	2-9	3	2-9	2.5	2-13	2.5	2-4	3	2-6	3	2-7	5.5	3-9	2	2-2	3	2-6	2	2-2	5	2-8	2	2-2	2	2-5	6	3-9
ZE	0	0-0	0	0-0	4	1-11	2	2-2	0	0-0	11	11-11	0	0-0	5	3.5-20.5	8	2.5-9	5	2-12	11	5-15	0	0-0	38	3-54	0	0-0

Table 40 Admissions by length of stay by NHS trust, 2008 - 2010

Admission year	NHS Trust	LOS Group										Total			
		<1h n	<1h %	1h to <4h n	1h to <4h %	4h to <12h n	4h to <12h %	12h to <24h n	12h to <24h %	1d to <3d n	1d to <3d %	3d to <7d n	3d to <7d %	7d+ n	7d+ %
2008	A	0 (0)	11 (2)	51 (11)	120 (26)	145 (31)	88 (19)	55 (12)	0 (0)	470 (2.9)					
	B	0 (0)	6 (2)	38 (13)	63 (22)	110 (39)	45 (16)	23 (8)	0 (0)	285 (1.7)					
	C	1 (0)	7 (2)	23 (7)	72 (23)	88 (29)	71 (23)	45 (15)	0 (0)	307 (1.9)					
	D	0 (0)	15 (2)	41 (6)	124 (19)	178 (27)	155 (24)	143 (22)	0 (0)	656 (4.0)					
	E1	2 (0)	18 (2)	45 (5)	104 (12)	255 (29)	263 (29)	205 (23)	0 (0)	892 (5.5)					
	E2	3 (0)	6 (1)	62 (9)	75 (11)	239 (36)	143 (21)	142 (21)	0 (0)	670 (4.1)					
	F	0 (0)	22 (2)	52 (4)	187 (16)	428 (37)	321 (28)	146 (13)	0 (0)	1,156 (7.1)					
	G	0 (0)	2 (6)	11 (34)	7 (22)	8 (25)	4 (13)	0 (0)	0 (0)	32 (0.2)					
	H	0 (0)	12 (3)	38 (10)	78 (20)	147 (38)	59 (15)	58 (15)	0 (0)	392 (2.4)					
	I	1 (0)	24 (3)	44 (5)	169 (20)	270 (33)	196 (24)	123 (15)	0 (0)	827 (5.1)					
	J	1 (1)	9 (7)	38 (29)	37 (29)	40 (31)	4 (3)	0 (0)	0 (0)	129 (0.8)					
	K	5 (1)	34 (4)	61 (7)	183 (20)	262 (28)	204 (22)	173 (19)	0 (0)	922 (5.7)					
	L	0 (0)	13 (4)	21 (7)	58 (18)	116 (36)	63 (20)	48 (15)	0 (0)	319 (2.0)					
	M	0 (0)	5 (1)	36 (10)	86 (24)	121 (33)	59 (16)	55 (15)	1 (0)	363 (2.2)					
	N	0 (0)	2 (1)	28 (9)	46 (15)	99 (33)	68 (23)	57 (19)	0 (0)	300 (1.8)					
	O	2 (0)	25 (4)	40 (7)	88 (14)	230 (38)	128 (21)	97 (16)	0 (0)	610 (3.7)					
	P	1 (0)	19 (2)	75 (7)	256 (23)	354 (32)	240 (22)	167 (15)	0 (0)	1,112 (6.8)					
	Q	0 (0)	7 (1)	43 (8)	126 (22)	194 (34)	114 (20)	87 (15)	0 (0)	571 (3.5)					
	R	0 (0)	22 (3)	62 (9)	153 (22)	225 (33)	141 (21)	81 (12)	0 (0)	684 (4.2)					
	S	1 (1)	10 (5)	22 (11)	51 (26)	63 (32)	39 (20)	10 (5)	0 (0)	196 (1.2)					
	T	0 (0)	15 (3)	40 (8)	131 (28)	154 (32)	74 (16)	61 (13)	0 (0)	475 (2.9)					
	U	0 (0)	4 (1)	24 (8)	36 (12)	84 (28)	79 (26)	74 (25)	0 (0)	301 (1.8)					
	V	1 (0)	6 (1)	72 (7)	222 (20)	334 (30)	263 (24)	204 (19)	0 (0)	1,102 (6.8)					
	W	0 (0)	11 (2)	37 (5)	103 (14)	251 (34)	182 (25)	147 (20)	0 (0)	731 (4.5)					
	X	12 (2)	68 (9)	71 (9)	100 (13)	218 (29)	182 (24)	107 (14)	1 (0)	759 (4.7)					
	Y	1 (0)	6 (1)	17 (4)	133 (29)	135 (30)	89 (20)	72 (16)	0 (0)	453 (2.8)					
	Z	0 (0)	9 (2)	39 (10)	87 (22)	166 (42)	61 (16)	31 (8)	0 (0)	393 (2.4)					
	ZA	1 (0)	33 (4)	80 (9)	276 (30)	206 (22)	164 (18)	164 (18)	0 (0)	924 (5.7)					
	ZB	0 (0)	5 (2)	6 (2)	62 (24)	79 (31)	49 (19)	56 (22)	0 (0)	257 (1.6)					
2008 Total		32 (0.2)	426 (2.6)	1,217 (7.5)	3,233 (19.8)	5,199 (31.9)	3,548 (21.8)	2,631 (16.2)	2 (0.0)	16,288					
2009	A	0 (0)	17 (3)	43 (8)	121 (23)	181 (34)	100 (19)	65 (12)	0 (0)	527 (3.1)					
	B	0 (0)	9 (2)	38 (8)	91 (20)	194 (43)	91 (20)	33 (7)	0 (0)	456 (2.7)					
	C	0 (0)	9 (3)	42 (12)	72 (21)	77 (22)	97 (28)	46 (13)	0 (0)	343 (2.0)					
	D	0 (0)	11 (2)	35 (5)	148 (21)	223 (32)	145 (21)	143 (20)	0 (0)	705 (4.1)					
	E1	2 (0)	12 (1)	39 (4)	115 (12)	275 (29)	280 (29)	231 (24)	0 (0)	954 (5.6)					
	E2	0 (0)	11 (2)	58 (9)	71 (11)	249 (37)	140 (21)	139 (21)	0 (0)	666 (3.9)					
	F	1 (0)	20 (2)	62 (5)	162 (14)	381 (33)	362 (31)	163 (14)	0 (0)	1,151 (6.7)					
	G	0 (0)	0 (0)	6 (19)	14 (44)	7 (22)	4 (13)	1 (3)	0 (0)	32 (0.2)					
	H	0 (0)	6 (1)	34 (6)	90 (16)	225 (39)	121 (21)	96 (17)	0 (0)	572 (3.3)					
	I	2 (0)	29 (4)	56 (7)	192 (24)	275 (34)	147 (18)	111 (14)	0 (0)	812 (4.7)					
	J	1 (1)	6 (5)	31 (26)	43 (37)	29 (25)	5 (4)	0 (0)	2 (2)	117 (0.7)					
	K	0 (0)	30 (3)	70 (8)	175 (20)	248 (28)	189 (22)	163 (19)	2 (0)	877 (5.1)					
	L	1 (0)	12 (4)	28 (9)	81 (27)	99 (32)	57 (19)	27 (9)	0 (0)	305 (1.8)					
	M	0 (0)	7 (2)	25 (7)	57 (16)	120 (35)	91 (26)	46 (13)	0 (0)	346 (2.0)					
	N	1 (0)	4 (1)	15 (4)	49 (14)	140 (41)	77 (22)	59 (17)	0 (0)	345 (2.0)					
	O	0 (0)	17 (2)	33 (5)	91 (13)	280 (40)	158 (23)	114 (16)	0 (0)	693 (4.0)					
	P	2 (0)	18 (2)	74 (7)	190 (17)	422 (38)	238 (22)	159 (14)	0 (0)	1,103 (6.4)					
	Q	0 (0)	5 (1)	33 (7)	66 (15)	159 (36)	109 (25)	72 (16)	0 (0)	444 (2.6)					
	R	1 (0)	31 (4)	51 (7)	152 (21)	254 (34)	156 (21)	95 (13)	0 (0)	740 (4.3)					
	S	0 (0)	6 (4)	16 (9)	44 (26)	57 (33)	28 (16)	20 (12)	0 (0)	171 (1.0)					
	T	0 (0)	9 (2)	39 (8)	126 (26)	165 (33)	97 (20)	58 (12)	0 (0)	494 (2.9)					
	U	0 (0)	4 (1)	14 (4)	46 (14)	118 (35)	83 (25)	70 (21)	0 (0)	335 (2.0)					
	V	1 (0)	9 (1)	61 (5)	283 (22)	437 (33)	300 (23)	223 (17)	0 (0)	1,314 (7.7)					
	W	1 (0)	9 (1)	19 (3)	78 (13)	233 (37)	155 (25)	128 (21)	0 (0)	623 (3.6)					
	X	10 (1)	65 (8)	76 (9)	118 (15)	224 (28)	185 (28)	122 (15)	2 (0)	802 (4.7)					
	Y	0 (0)	4 (1)	11 (3)	141 (35)	95 (24)	91 (23)	59 (15)	0 (0)	401 (2.3)					
	Z	0 (0)	9 (2)	35 (9)	82 (21)	153 (39)	77 (19)	41 (10)	0 (0)	397 (2.3)					
	ZA	0 (0)	13 (1)	66 (7)	247 (26)	284 (30)	163 (17)	166 (18)	0 (0)	939 (5.5)					
	ZB	0 (0)	3 (1)	29 (6)	106 (22)	131 (27)	105 (22)	63 (13)	41 (9)	478 (2.8)					
2009 Total		23 (0.1)	385 (2.2)	1,139 (6.6)	3,251 (19.0)	5,735 (33.5)	3,851 (22.5)	2,713 (15.8)	47 (0.3)	17,144					
2010	A	0 (0)	14 (2)	38 (6)	132 (22)	195 (33)	118 (20)	95 (16)	2 (0)	594 (3.1)					
	B	0 (0)	7 (2)	43 (10)	97 (22)	187 (42)	85 (19)	28 (6)	0 (0)	447 (2.4)					
	C	0 (0)	2 (1)	17 (7)	51 (20)	97 (37)	58 (22)	35 (13)	0 (0)	260 (1.4)					
	D	0 (0)	6 (1)	34 (5)	97 (14)	234 (34)	190 (27)	137 (20)	0 (0)	698 (3.7)					
	E1	0 (0)	8 (1)	31 (3)	132 (14)	267 (29)	275 (30)	219 (23)	0 (0)	932 (4.9)					
	E2	0 (0)	8 (1)	59 (8)	76 (10)	259 (35)	183 (25)	159 (21)	0 (0)	744 (3.9)					
	F	1 (0)	22 (2)	64 (5)	180 (15)	424 (36)	324 (28)	154 (13)	0 (0)	1,169 (6.2)					
	G	0 (0)	5 (13)	16 (42)	8 (21)	5 (13)	3 (8)	1 (3)	0 (0)	38 (0.2)					
	H	2 (0)	6 (1)	39 (7)	122 (21)	209 (35)	116 (19)	100 (17)	1 (0)	595 (3.1)					
	I	0 (0)	11 (1)	49 (6)	179 (23)	245 (32)	144 (19)	141 (18)	0 (0)	765 (4.1)					
	J	1 (1)	5 (6)	9 (12)	31 (40)	28 (36)	3 (4)	0 (0)	0 (0)	77 (0.4)					
	K	1 (0)	17 (2)	75 (8)	203 (21)	291 (31)	178 (19)	183 (19)	1 (0)	949 (5.0)					
	L	1 (0)	12 (4)	28 (9)	79 (25)	86 (27)	69 (21)	45 (14)	1 (0)	321 (1.7)					
	M	0 (0)	20 (6)	25 (7)	50 (14)	130 (36)	93 (26)	38 (11)	3 (1)	358 (1.9)					
	N	0 (0)	3 (1)	16 (6)	50 (20)	54 (22)	61 (25)	64 (26)	0 (0)	248 (1.3)					
	O	0 (0)	29 (4)	49 (7)	138 (19)	276 (37)	138 (19)	115 (15)	0 (0)	745 (3.9)					
	P	2 (0)	19 (2)	71 (6)	178 (16)	404 (35)	254 (22)	220 (19)	0 (0)	1,148 (6.1)					
	Q	1 (0)	6 (1)	36 (7)	78 (15)	185 (36)	126 (24)	84 (16)	3 (1)	519 (2.7)					
	R	1 (0)	40 (4)	96 (11)	203 (23)	270 (30)	187 (21)	96 (11)	0 (0)	893 (4.7)					
	S	1 (0)	2 (1)	17 (8)	67 (33)	59 (29)	37 (18)	21 (10)	0 (0)	204 (1.1)					
	T	3 (1)	11 (2)	33 (7)	125 (26)	160 (34)	75 (16)	67 (14)	0 (0)	474 (2.5)					
	U	1 (0)	3 (1)	22 (7)	26 (8)	94 (29)	93 (29)	85 (26)	2 (1)	326 (1.7)					
	V	0 (0)	11 (1)	66 (5)	276 (22)	406 (32)	269 (21)	234 (19)	0 (0)	1,262 (6.7)					
	W	0 (0)	7 (1)	16 (2)	77 (11)	274 (41)	176 (26)	117 (17)	3 (0)	670 (3.5)					
	X	16 (2)	63 (9)	54 (8)	97 (14)	206 (29)	151 (21)	128 (18)	1 (0)	716 (3.8)					
	Y	0 (0)	4 (1)	21 (5)	163 (38)	93 (22)	84 (20)	60 (14)	0 (0)	425 (2.2)					
	Z	0 (0)	12 (3)	55 (15)	74 (20)	139 (37)	56 (15)	38 (10)	0 (0)	374 (2.0)					
	ZA	0 (0)	16 (2)	47 (5)	295 (32)	276 (30)	164 (18)	116 (13)	8 (1)	922 (4.9)					
	ZB	0 (0)	4 (1)	30 (7)	99 (22)	115 (26)	81 (18)	73 (16)	41 (9)	443 (2.3)					
	ZC	0 (0)	8 (1)	21 (2)	160 (16)	319 (32)	248 (25)	231 (23)	1 (0)	988 (5.2)					
	ZD	2 (0)	8 (2)	26 (5)	123 (25)	145 (30)	91 (19)	89 (18)	0 (0)	484 (2.6)					
	ZE	0 (0)	0 (0)	22 (20)	5 (4)	21 (19)	24 (21)	40 (36)	0 (0)	112 (0.6)					
2010 Total		33 (0.2)	389 (2.1)	1,225 (6.5)	3,671 (19.4)	6,153 (32.5)	4,154 (22.0)	3,213 (17.0)	67 (0.4)	18,905					
Grand Total		88 (0.2)	1,200 (2.3)	3,581 (6.8)	10,154 (19.4)	17,087 (32.6)	11,554 (22.1)	8,557 (16.3)	116 (0.2)	52,337					

## Outcome data

PICU mortality data are described in terms of unit discharge status by age and sex for England, Wales and Scotland combined, and by trust in tables 41 – 45 and also using unadjusted and risk-adjusted standardized mortality ratios (SMRs). Table 46 describes the discharge destination of children discharged alive from PICU. Unadjusted SMRs are calculated by dividing the expected number of deaths, based on the national data, by the observed number of deaths in each trust. In addition, risk-adjusted SMRs are calculated by dividing the expected number of deaths predicted by a recalibrated version of PIM2<sup>1</sup> (denoted PIM2r and described in the main report) by the observed number of deaths in each trust.

Unadjusted and risk-adjusted SMRs are presented by trust and year for 2008, 2009, 2010 and combined years in tables 47 – 49. PICU mortality funnel plots for the same periods are presented in figures 47a – 50b to provide a visual means of comparing unadjusted and adjusted SMRs between trusts, without imposing the ranking observed in league tables.

The SMRs are plotted on the y-axis against the number of admissions to the trust on the x-axis. Higher mortality rates are represented by points plotted above the line of unity, with those appearing outside the upper control limit indicating an unusual excess mortality. Lower mortality rates are represented by points plotted below the line of unity and those falling below the lower control limit indicate unusually low mortality. In order to satisfy the condition, that if the overall distribution of the mortality ratios is random, there exists an approximately 5% chance of a unit falling outside the control limits, then the upper and lower control limits constructed at an individual unit level must represent not 95% confidence intervals, but 99.9% confidence intervals around a mortality ratio of one by number of admissions.<sup>2</sup> This is analogous to increasing the confidence interval (or significance level) when correcting for multiple comparisons in data containing numerous groups. This means that the funnel plots are drawn in such a way that there is an approximately 5% chance of a unit falling outside the control limits if the distribution of SMRs is random.

In figure 50c, risk-adjusted SMRs by SHA / HB have been produced by allocating children to the SHA / HB in which they were living based on their address at admission. These ratios have then been expressed as a percentage and mapped to illustrate the range of variability in SMRs between SHAs. It should be noted that these ratios have not been subject to any spatial smoothing and confidence intervals are relatively wide in areas of low population. For this reason, Scotland and Wales have been mapped at the country level. Tables 51 – 55 present 30-day follow-up data by age, sex and trust.

## References

- 1) Shann F, Slater A, Pearson G. PIM 2: a revised version of the Paediatric Index of mortality. Intensive Care Med 2003; 29:278-285
- 2) Spiegelhalter D. Funnel plots for institutional comparison. Quality and Safety in Health Care 2002; 11(4):390-39

**Table 41 Admissions by unit discharge status and age, 2008 - 2010**

Unit discharge Status	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Alive	23,673	(47)	13,225	(26)	6,659	(13)	6,574	(13)	50,135	(95.8)
Dead	1,205	(55)	471	(22)	264	(12)	242	(11)	2,182	(4.2)
Unknown	14	(70)	2	(10)	3	(15)	1	(5)	20	-
Total	24,892	(47.6)	13,698	(26.2)	6,926	(13.2)	6,817	(13.0)	52,337	

**Table 42 Admissions by unit discharge status and age (<1), 2008 - 2010**

Unit discharge Status	Age Group (Months)								Total	
	<1		1-2		3-5		6-11			
	n	%	n	%	n	%	n	%	n	%
<b>Alive</b>	8,033	(34)	5,667	(24)	4,726	(20)	5,247	(22)	<b>23,673</b>	<b>(95.1)</b>
<b>Dead</b>	553	(46)	233	(19)	209	(17)	210	(17)	<b>1,205</b>	<b>(4.8)</b>
<b>Unknown</b>	3	(21)	4	(29)	3	(21)	4	(29)	<b>14</b>	<b>-</b>
<b>Total</b>	<b>8,589</b>	<b>(34.5)</b>	<b>5,904</b>	<b>(23.7)</b>	<b>4,938</b>	<b>(19.8)</b>	<b>5,461</b>	<b>(21.9)</b>	<b>24,892</b>	

**Table 43 Admissions by unit discharge status and sex, 2008 - 2010**

Unit discharge Status	Sex								Total	
	Male		Female		Ambiguous		Unknown			
	n	%	n	%	n	%	n	%	n	%
Alive	28,169	(56)	21,919	(44)	15	(0)	32	(0)	50,135	(95.8)
Dead	1,168	(54)	1,007	(46)	4	(0)	3	(0)	2,182	(4.2)
Unknown	10	(50)	9	(45)	0	(0)	1	(5)	20	-
Total	29,347	(56.1)	22,935	(43.8)	19	(0.0)	36	(0.1)	52,337	

**Table 44 Admissions by unit discharge status and sex (age <1), 2008 - 2010**

Unit discharge Status	Sex								Total	
	Male		Female		Ambiguous		Unknown			
	n	%	n	%	n	%	n	%	n	%
Alive	13,752	(58)	9,900	(42)	10	(0)	11	(0)	23,673	(95.1)
Dead	661	(55)	539	(45)	3	(0)	2	(0)	1,205	(4.8)
Unknown	8	(57)	6	(43)	0	(0)	0	(0)	14	-
Total	14,421	(57.9)	10,445	(42.0)	13	(0.1)	13	(0.1)	24,892	

Table 45 Admissions by unit discharge status by NHS trust, 2008 - 2010

Admission year	NHS Trust	Unit Discharge Status						Total	
		Alive		Dead		Unknown			
		n	%	n	%	n	%	n	%
2008	A	457	(97)	13	(3)	0	(0)	470	(2.9)
	B	285	(100)	0	(0)	0	(0)	285	(1.7)
	C	296	(96)	11	(4)	0	(0)	307	(1.9)
	D	616	(94)	40	(6)	0	(0)	656	(4.0)
	E1	806	(90)	86	(10)	0	(0)	892	(5.5)
	E2	646	(96)	24	(4)	0	(0)	670	(4.1)
	F	1,098	(95)	58	(5)	0	(0)	1,156	(7.1)
	G	25	(78)	7	(22)	0	(0)	32	(0.2)
	H	369	(94)	23	(6)	0	(0)	392	(2.4)
	I	777	(94)	50	(6)	0	(0)	827	(5.1)
	J	129	(100)	0	(0)	0	(0)	129	(0.8)
	K	891	(97)	31	(3)	0	(0)	922	(5.7)
	L	307	(96)	12	(4)	0	(0)	319	(2.0)
	M	350	(96)	13	(4)	0	(0)	363	(2.2)
	N	280	(93)	20	(7)	0	(0)	300	(1.8)
	O	596	(98)	14	(2)	0	(0)	610	(3.7)
	P	1,062	(96)	50	(4)	0	(0)	1,112	(6.8)
	Q	556	(97)	15	(3)	0	(0)	571	(3.5)
	R	660	(96)	24	(4)	0	(0)	684	(4.2)
	S	190	(97)	6	(3)	0	(0)	196	(1.2)
	T	464	(98)	11	(2)	0	(0)	475	(2.9)
	U	277	(92)	24	(8)	0	(0)	301	(1.8)
	V	1,016	(92)	86	(8)	0	(0)	1,102	(6.8)
	W	704	(96)	27	(4)	0	(0)	731	(4.5)
	X	726	(96)	32	(4)	1	(0)	759	(4.7)
	Y	443	(98)	10	(2)	0	(0)	453	(2.8)
	Z	391	(99)	2	(1)	0	(0)	393	(2.4)
	ZA	892	(97)	32	(3)	0	(0)	924	(5.7)
	ZB	241	(94)	16	(6)	0	(0)	257	(1.6)
	2008 Total	15,550	(95.5)	737	(4.5)	1	(0.0)	16,288	
2009	A	508	(96)	19	(4)	0	(0)	527	(3.1)
	B	455	(100)	1	(0)	0	(0)	456	(2.7)
	C	331	(97)	12	(3)	0	(0)	343	(2.0)
	D	679	(96)	26	(4)	0	(0)	705	(4.1)
	E1	882	(92)	72	(8)	0	(0)	954	(5.6)
	E2	640	(96)	28	(4)	0	(0)	668	(3.9)
	F	1,103	(96)	48	(4)	0	(0)	1,151	(6.7)
	G	30	(94)	2	(6)	0	(0)	32	(0.2)
	H	546	(95)	26	(5)	0	(0)	572	(3.3)
	I	760	(94)	52	(6)	0	(0)	812	(4.7)
	J	116	(99)	1	(1)	0	(0)	117	(0.7)
	K	846	(96)	31	(4)	0	(0)	877	(5.1)
	L	295	(97)	10	(3)	0	(0)	305	(1.8)
	M	323	(93)	23	(7)	0	(0)	346	(2.0)
	N	325	(94)	20	(6)	0	(0)	345	(2.0)
	O	681	(98)	12	(2)	0	(0)	693	(4.0)
	P	1,048	(95)	55	(5)	0	(0)	1,103	(6.4)
	Q	426	(96)	18	(4)	0	(0)	444	(2.6)
	R	725	(98)	15	(2)	0	(0)	740	(4.3)
	S	171	(100)	0	(0)	0	(0)	171	(1.0)
	T	473	(96)	21	(4)	0	(0)	494	(2.9)
	U	312	(93)	23	(7)	0	(0)	335	(2.0)
	V	1,230	(94)	84	(6)	0	(0)	1,314	(7.7)
	W	591	(95)	32	(5)	0	(0)	623	(3.6)
	X	773	(96)	27	(3)	2	(0)	802	(4.7)
	Y	392	(98)	9	(2)	0	(0)	401	(2.3)
	Z	392	(99)	5	(1)	0	(0)	397	(2.3)
	ZA	909	(97)	30	(3)	0	(0)	939	(5.5)
	ZB	456	(95)	22	(5)	0	(0)	478	(2.8)
	2009 Total	16,418	(95.8)	724	(4.2)	2	(0.0)	17,144	
2010	A	576	(97)	16	(3)	2	(0)	594	(3.1)
	B	447	(100)	0	(0)	0	(0)	447	(2.4)
	C	249	(96)	11	(4)	0	(0)	260	(1.4)
	D	656	(94)	42	(6)	0	(0)	698	(3.7)
	E1	869	(93)	63	(7)	0	(0)	932	(4.9)
	E2	722	(97)	22	(3)	0	(0)	744	(3.9)
	F	1,127	(96)	42	(4)	0	(0)	1,169	(6.2)
	G	36	(95)	2	(5)	0	(0)	38	(0.2)
	H	566	(95)	28	(5)	1	(0)	595	(3.1)
	I	739	(96)	30	(4)	0	(0)	769	(4.1)
	J	76	(99)	1	(1)	0	(0)	77	(0.4)
	K	920	(97)	29	(3)	0	(0)	949	(5.0)
	L	311	(97)	10	(3)	0	(0)	321	(1.7)
	M	344	(96)	15	(4)	0	(0)	359	(1.9)
	N	230	(93)	18	(7)	0	(0)	248	(1.3)
	O	732	(98)	13	(2)	0	(0)	745	(3.9)
	P	1,081	(94)	67	(6)	0	(0)	1,148	(6.1)
	Q	499	(96)	20	(4)	0	(0)	519	(2.7)
	R	869	(97)	24	(3)	0	(0)	893	(4.7)
	S	203	(100)	1	(0)	0	(0)	204	(1.1)
	T	458	(97)	16	(3)	0	(0)	474	(2.5)
	U	305	(94)	19	(6)	2	(1)	326	(1.7)
	V	1,191	(94)	71	(6)	0	(0)	1,262	(6.7)
	W	643	(96)	26	(4)	1	(0)	670	(3.5)
	X	699	(98)	16	(2)	1	(0)	716	(3.8)
	Y	413	(97)	12	(3)	0	(0)	425	(2.2)
	Z	369	(99)	5	(1)	0	(0)	374	(2.0)
	ZA	901	(98)	13	(1)	8	(1)	922	(4.9)
	ZB	428	(97)	14	(3)	1	(0)	443	(2.3)
	ZC	935	(95)	52	(5)	1	(0)	988	(5.2)
	ZD	463	(96)	21	(4)	0	(0)	484	(2.6)
	ZE	110	(98)	2	(2)	0	(0)	112	(0.6)
	2010 Total	18,167	(96.1)	721	(3.8)	17	(0.1)	18,905	
	Grand Total	50,135	(95.8)	2,182	(4.2)	20	(0.0)	52,337	

**Table 46 Admissions by unit discharge destination and age, 2008 - 2010**

Discharge Destination	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
<b>Normal residence</b>	368	(20)	701	(38)	380	(21)	375	(21)	<b>1,824</b>	<b>(3.6)</b>
<b>Hospice</b>	34	(30)	34	(30)	23	(20)	24	(21)	<b>115</b>	<b>(0.2)</b>
<b>Same hospital</b>	18,907	(46)	10,914	(27)	5,610	(14)	5,593	(14)	<b>41,027</b>	<b>(81.8)</b>
<b>Other hospital</b>	4,345	(61)	1,561	(22)	643	(9)	580	(8)	<b>7,130</b>	<b>(14.2)</b>
<b>Unknown</b>	33	(56)	17	(29)	6	(10)	3	(5)	<b>59</b>	<b>(0.1)</b>
<b>Total</b>	<b>23,687</b>	<b>(47.2)</b>	<b>13,227</b>	<b>(26.4)</b>	<b>6,662</b>	<b>(13.3)</b>	<b>6,575</b>	<b>(13.1)</b>	<b>50,155</b>	

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Table 47 Standardised mortality ratios by trust, 2008

NHS Trust	Number of Admissions	Standardised Mortality Ratio			PIM2r Adjusted (95% CI)		
		Unadjusted (95% CI)	SMR	Lower	Upper	SMR	Lower
A	477	<b>0.61</b>	0.32	1.03	<b>1.24</b>	0.67	2.11
B	289	<b>0.00</b>	0.00	0.28	<b>0.00</b>	0.00	0.89
C	309	<b>0.79</b>	0.40	1.40	<b>0.71</b>	0.36	1.25
D	672	<b>1.42</b>	1.04	1.89	<b>1.12</b>	0.81	1.49
E1	903	<b>2.12</b>	1.71	2.58	<b>1.36</b>	1.09	1.65
E2	685	<b>0.78</b>	0.50	1.15	<b>1.03</b>	0.66	1.52
F	1,176	<b>1.10</b>	0.84	1.41	<b>1.03</b>	0.79	1.32
G	32	<b>4.86</b>	2.06	8.89	<b>1.67</b>	0.71	3.05
H	403	<b>1.27</b>	0.81	1.88	<b>1.05</b>	0.67	1.56
I	835	<b>1.36</b>	1.02	1.77	<b>1.36</b>	1.02	1.77
J	131	<b>0.00</b>	0.00	0.62	<b>0.00</b>	0.00	1.09
K	946	<b>0.75</b>	0.52	1.05	<b>0.85</b>	0.58	1.19
L	353	<b>0.88</b>	0.49	1.46	<b>1.21</b>	0.67	2.00
M	393	<b>0.74</b>	0.39	1.24	<b>0.83</b>	0.45	1.41
N	303	<b>1.47</b>	0.91	2.23	<b>0.91</b>	0.56	1.38
O	610	<b>0.51</b>	0.28	0.85	<b>0.79</b>	0.43	1.32
P	1,149	<b>1.03</b>	0.77	1.33	<b>1.19</b>	0.89	1.54
Q	593	<b>0.56</b>	0.32	0.92	<b>0.81</b>	0.46	1.33
R	723	<b>0.77</b>	0.50	1.13	<b>0.83</b>	0.54	1.22
S	202	<b>0.66</b>	0.24	1.41	<b>1.07</b>	0.39	2.29
T	490	<b>0.54</b>	0.28	0.94	<b>0.63</b>	0.33	1.09
U	306	<b>1.74</b>	1.13	2.54	<b>1.49</b>	0.97	2.17
V	1,115	<b>1.71</b>	1.38	2.10	<b>1.08</b>	0.87	1.33
W	749	<b>0.86</b>	0.58	1.23	<b>0.63</b>	0.43	0.90
X	783	<b>0.94</b>	0.65	1.30	<b>1.25</b>	0.87	1.74
Y	483	<b>0.46</b>	0.22	0.84	<b>0.66</b>	0.32	1.21
Z	401	<b>0.11</b>	0.01	0.40	<b>0.24</b>	0.03	0.84
ZA	947	<b>0.75</b>	0.52	1.05	<b>1.17</b>	0.81	1.65
ZB	258	<b>1.38</b>	0.80	2.20	<b>1.36</b>	0.78	2.16

NB: Risk adjusted result for Trust ZB corrected to allow for data problem

Figure 47a PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2008: unadjusted

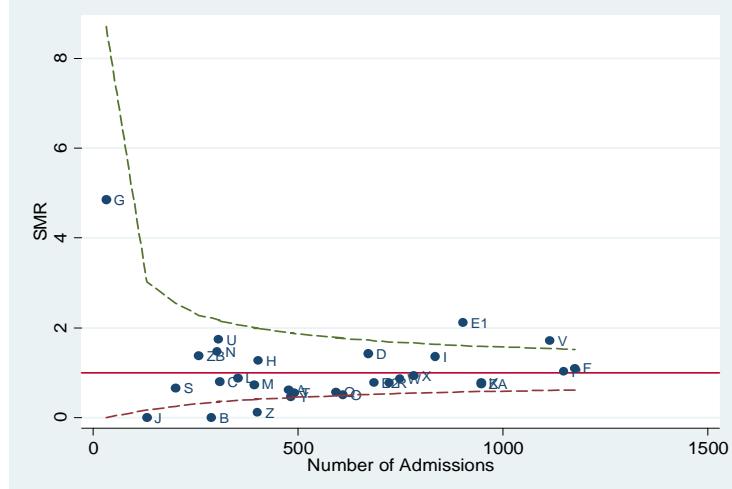


Figure 47b PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2008: PIM2r adjusted

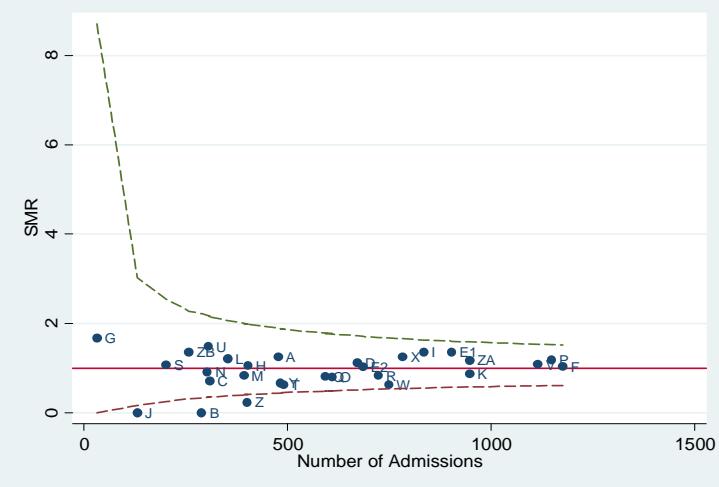


Table 48 Standardised mortality ratios by trust, 2009

NHS Trust	Number of Admissions	Standardised Mortality Ratio			PIM2r Adjusted (95% CI)		
		Unadjusted (95% CI)	SMR	Lower	Upper	SMR	Lower
A	533	<b>0.85</b>	0.51	1.31	<b>1.14</b>	0.69	1.77
B	483	<b>0.05</b>	0.00	0.27	<b>0.20</b>	0.00	1.09
C	344	<b>0.83</b>	0.43	1.43	<b>0.61</b>	0.32	1.06
D	732	<b>0.88</b>	0.58	1.26	<b>0.89</b>	0.59	1.28
E1	971	<b>1.76</b>	1.39	2.20	<b>1.15</b>	0.91	1.43
E2	682	<b>1.01</b>	0.68	1.44	<b>1.10</b>	0.74	1.57
F	1,167	<b>0.98</b>	0.72	1.29	<b>0.85</b>	0.63	1.11
G	32	<b>1.48</b>	0.18	4.94	<b>0.96</b>	0.12	3.19
H	578	<b>1.11</b>	0.74	1.60	<b>1.23</b>	0.81	1.77
I	825	<b>1.53</b>	1.15	1.98	<b>1.51</b>	1.14	1.95
J	118	<b>0.20</b>	0.01	1.10	<b>0.51</b>	0.01	2.77
K	891	<b>0.85</b>	0.59	1.20	<b>0.88</b>	0.60	1.23
L	338	<b>0.77</b>	0.39	1.37	<b>1.12</b>	0.56	1.98
M	370	<b>1.54</b>	1.00	2.26	<b>1.23</b>	0.80	1.80
N	348	<b>1.43</b>	0.90	2.16	<b>1.13</b>	0.71	1.71
O	695	<b>0.41</b>	0.21	0.71	<b>0.61</b>	0.31	1.05
P	1,123	<b>1.16</b>	0.88	1.50	<b>1.19</b>	0.90	1.54
Q	461	<b>0.93</b>	0.55	1.45	<b>0.82</b>	0.49	1.28
R	779	<b>0.46</b>	0.26	0.75	<b>0.47</b>	0.26	0.77
S	173	<b>0.00</b>	0.00	0.50	<b>0.00</b>	0.00	1.08
T	510	<b>1.07</b>	0.68	1.59	<b>1.30</b>	0.83	1.94
U	337	<b>1.62</b>	1.04	2.39	<b>1.27</b>	0.81	1.87
V	1,339	<b>1.56</b>	1.26	1.91	<b>1.15</b>	0.93	1.41
W	633	<b>1.20</b>	0.83	1.68	<b>0.92</b>	0.63	1.28
X	822	<b>0.78</b>	0.52	1.13	<b>0.85</b>	0.56	1.23
Y	447	<b>0.48</b>	0.22	0.90	<b>0.84</b>	0.39	1.59
Z	401	<b>0.30</b>	0.10	0.69	<b>0.72</b>	0.23	1.67
ZA	960	<b>0.79</b>	0.54	1.11	<b>1.45</b>	0.99	2.03
ZB	487	<b>1.07</b>	0.68	1.61	<b>1.12</b>	0.71	1.68

NB: Risk adjusted result for Trust ZB corrected to allow for data problem

Figure 48a PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2009: unadjusted

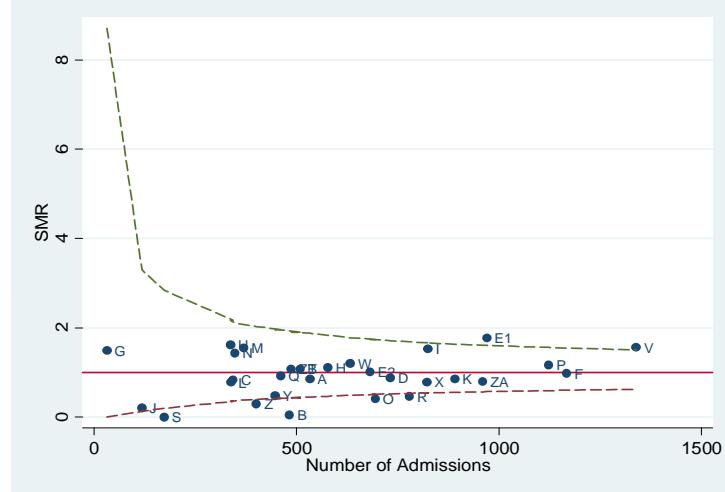
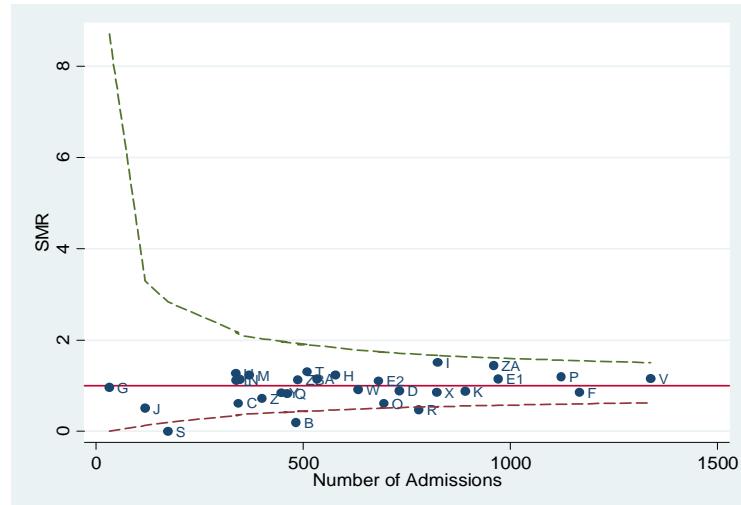


Figure 48b PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2009: PIM2r adjusted

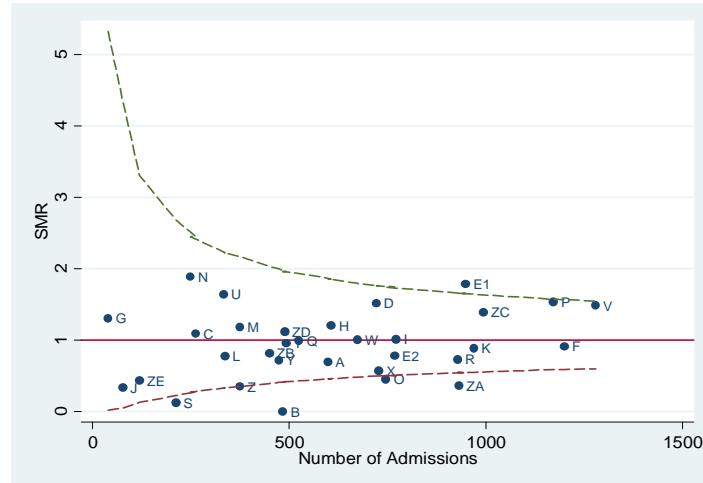


**Table 49 Standardised mortality ratios by trust, 2010**

NHS Trust	Number of	Standardised Mortality Ratio			PIM2r Adjusted (95% CI)		
		Unadjusted (95% CI)		SMR	Lower	Upper	SMR
		SMR	Lower				
A	599	<b>0.70</b>	0.40	1.12	<b>1.03</b>	0.59	1.65
B	484	<b>0.00</b>	0.00	0.20	<b>0.00</b>	0.00	0.73
C	263	<b>1.09</b>	0.55	1.92	<b>0.80</b>	0.40	1.41
D	722	<b>1.52</b>	1.10	2.03	<b>1.34</b>	0.97	1.79
E1	949	<b>1.79</b>	1.39	2.25	<b>1.17</b>	0.91	1.48
E2	768	<b>0.78</b>	0.50	1.16	<b>0.68</b>	0.43	1.01
F	1,200	<b>0.91</b>	0.66	1.23	<b>0.79</b>	0.57	1.06
G	40	<b>1.30</b>	0.16	4.41	<b>0.52</b>	0.06	1.76
H	607	<b>1.20</b>	0.80	1.72	<b>0.96</b>	0.64	1.37
I	772	<b>1.01</b>	0.69	1.43	<b>1.06</b>	0.72	1.51
J	78	<b>0.33</b>	0.01	1.81	<b>0.98</b>	0.02	5.30
K	970	<b>0.89</b>	0.61	1.24	<b>0.98</b>	0.68	1.36
L	337	<b>0.77</b>	0.37	1.40	<b>0.95</b>	0.46	1.73
M	375	<b>1.18</b>	0.69	1.87	<b>0.77</b>	0.45	1.22
N	249	<b>1.88</b>	1.13	2.92	<b>1.38</b>	0.83	2.14
O	746	<b>0.45</b>	0.24	0.77	<b>0.74</b>	0.39	1.25
P	1,172	<b>1.53</b>	1.20	1.93	<b>1.34</b>	1.05	1.69
Q	525	<b>0.99</b>	0.61	1.52	<b>0.79</b>	0.49	1.21
R	929	<b>0.73</b>	0.48	1.06	<b>0.76</b>	0.50	1.10
S	212	<b>0.12</b>	0.00	0.68	<b>0.20</b>	0.01	1.12
T	493	<b>0.95</b>	0.57	1.49	<b>0.91</b>	0.54	1.42
U	334	<b>1.64</b>	1.03	2.46	<b>0.98</b>	0.61	1.47
V	1,279	<b>1.49</b>	1.17	1.86	<b>1.06</b>	0.83	1.32
W	674	<b>1.01</b>	0.66	1.46	<b>0.77</b>	0.50	1.12
X	728	<b>0.57</b>	0.33	0.92	<b>0.65</b>	0.37	1.05
Y	474	<b>0.71</b>	0.38	1.21	<b>1.13</b>	0.60	1.91
Z	375	<b>0.35</b>	0.11	0.80	<b>0.75</b>	0.25	1.75
ZA	932	<b>0.36</b>	0.19	0.62	<b>0.85</b>	0.45	1.45
ZB	450	<b>0.81</b>	0.45	1.35	<b>0.89</b>	0.49	1.48
ZC	994	<b>1.39</b>	1.05	1.80	<b>1.22</b>	0.92	1.59
ZD	489	<b>1.12</b>	0.70	1.69	<b>0.98</b>	0.61	1.49
ZE	120	<b>0.43</b>	0.05	1.54	<b>1.05</b>	0.13	3.71

NB: Risk adjusted result for Trust ZB corrected to allow for data problem

**Figure 49a PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2010: unadjusted**



**Figure 49b PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2010: PIM 2r adjusted**

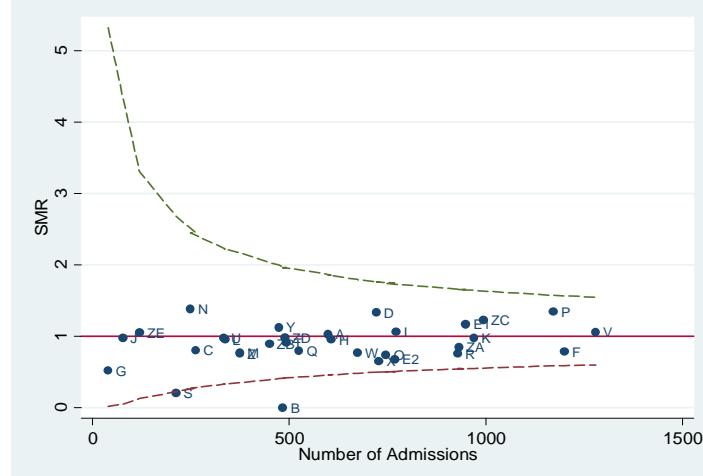


Table 50 Standardised mortality ratios combined by trust, 2008 - 2010

NHS Trust	Number of Admissions	Standardised Mortality Ratio			PIM2r Adjusted (95% CI)		
		Unadjusted (95% CI)	SMR	Lower	Upper	SMR	Lower
A	1,609	<b>0.72</b>	0.53	0.95	<b>1.12</b>	0.83	1.48
B	1,256	<b>0.02</b>	0.00	0.11	<b>0.07</b>	0.00	0.39
C	916	<b>0.89</b>	0.62	1.24	<b>0.70</b>	0.49	0.97
D	2,126	<b>1.27</b>	1.05	1.52	<b>1.11</b>	0.92	1.33
E1	2,823	<b>1.90</b>	1.67	2.16	<b>1.23</b>	1.08	1.39
E2	2,135	<b>0.86</b>	0.68	1.07	<b>0.91</b>	0.72	1.13
F	3,543	<b>1.01</b>	0.85	1.18	<b>0.89</b>	0.75	1.04
G	104	<b>2.55</b>	1.30	4.37	<b>1.09</b>	0.55	1.86
H	1,588	<b>1.18</b>	0.94	1.47	<b>1.07</b>	0.85	1.32
I	2,432	<b>1.33</b>	1.12	1.57	<b>1.33</b>	1.12	1.57
J	327	<b>0.15</b>	0.02	0.53	<b>0.32</b>	0.04	1.13
K	2,807	<b>0.83</b>	0.68	1.01	<b>0.90</b>	0.73	1.09
L	1,028	<b>0.82</b>	0.57	1.13	<b>1.10</b>	0.77	1.52
M	1,138	<b>1.14</b>	0.86	1.48	<b>0.94</b>	0.71	1.22
N	900	<b>1.58</b>	1.21	2.02	<b>1.10</b>	0.85	1.41
O	2,051	<b>0.46</b>	0.33	0.62	<b>0.71</b>	0.50	0.96
P	3,444	<b>1.24</b>	1.07	1.43	<b>1.24</b>	1.07	1.44
Q	1,579	<b>0.81</b>	0.61	1.05	<b>0.81</b>	0.61	1.05
R	2,431	<b>0.65</b>	0.51	0.83	<b>0.69</b>	0.53	0.87
S	587	<b>0.29</b>	0.12	0.59	<b>0.50</b>	0.20	1.03
T	1,493	<b>0.86</b>	0.64	1.11	<b>0.94</b>	0.71	1.22
U	977	<b>1.68</b>	1.31	2.11	<b>1.22</b>	0.95	1.53
V	3,733	<b>1.60</b>	1.41	1.80	<b>1.10</b>	0.97	1.24
W	2,056	<b>1.02</b>	0.82	1.25	<b>0.76</b>	0.61	0.93
X	2,333	<b>0.79</b>	0.62	0.98	<b>0.92</b>	0.73	1.15
Y	1,404	<b>0.55</b>	0.38	0.77	<b>0.86</b>	0.59	1.21
Z	1,177	<b>0.25</b>	0.13	0.43	<b>0.54</b>	0.28	0.95
ZA	2,839	<b>0.65</b>	0.52	0.81	<b>1.19</b>	0.94	1.48
ZB	1,195	<b>1.05</b>	0.79	1.37	<b>1.11</b>	0.83	1.44

NB: Risk adjusted result for Trust ZB corrected to allow for data problem

ZC-ZE not shown here as only one year available

Figure 50a PICU Standardised mortality ratios by NHS trust

with 99.9% control limits, 2008-10: unadjusted

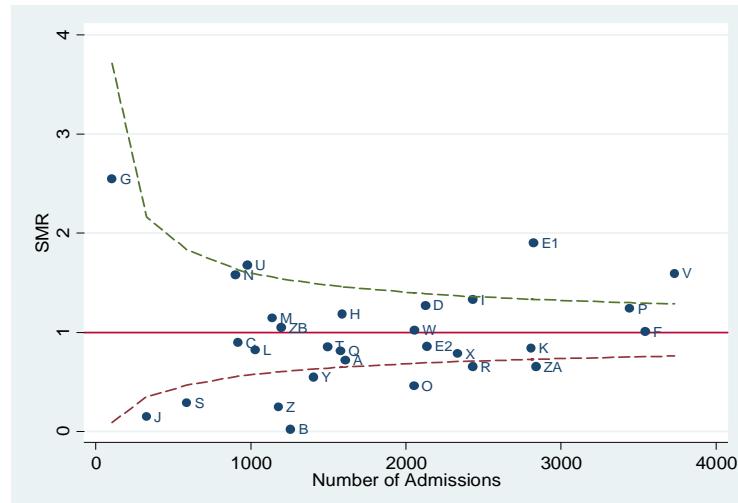
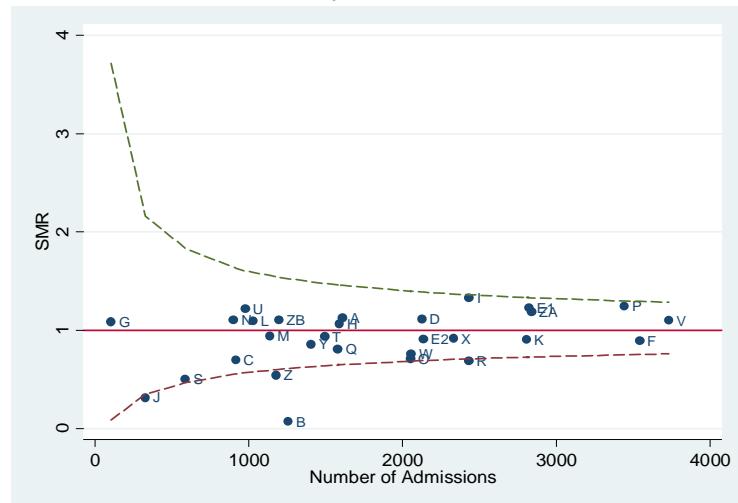
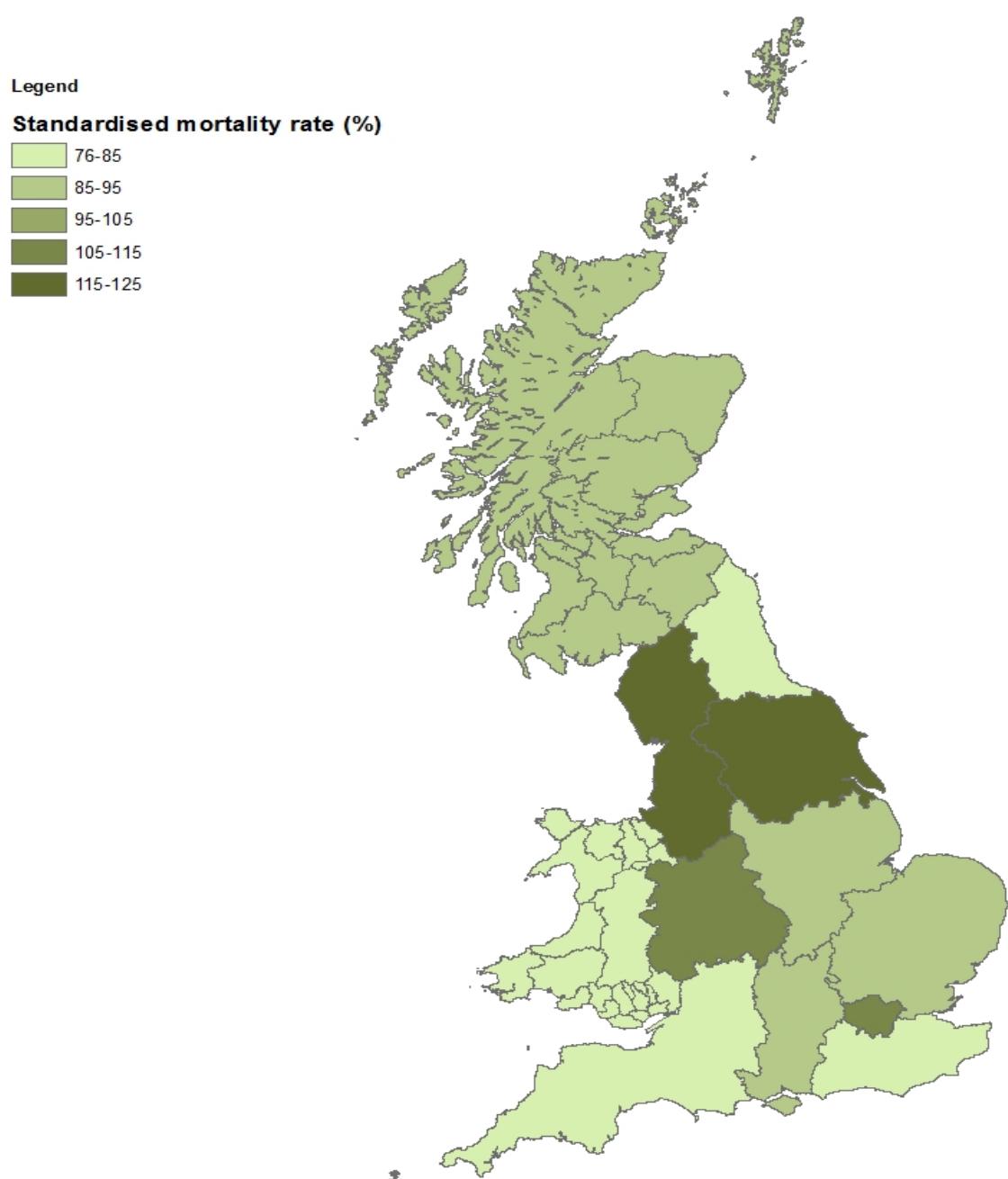


Figure 50b PICU Standardised mortality ratios by NHS trust

with 99.9% control limits, 2008-10: PIM2r adjusted



**Fig 50c Standardised mortality ratios by Nation or English SHA in Great Britain 2008-2010**



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Note that in this map results for Scotland and Wales are those for the whole country

## **Follow- up status**

PICANet records data on outcome 30 days after discharge. This is widely seen in the NHS as an important indicator of outcome. Recording is, however, far from complete. In reporting this data we have concluded that it is logical to analyse the data per child rather than per admission. A child admitted 4 times within a month who dies on the last admission could correctly be entered as having 30 day deaths on the first 3 occasions and death on the last, although they have only died once. Reporting by child avoids this problem. In Tables 51-55 results are presented per child: children dying in PICU, and those discharged to normal residence are excluded, in accordance with the definitions of the follow- up field.

## **Index to Follow-up tables**

[Table 51 Children by follow-up status and age, 2008 - 2010](#)

[Table 52 Children by follow-up status and age \(<1\), 2008 - 2010](#)

[Table 53 Children by follow-up status and sex, 2008 - 2010](#)

[Table 54 Children by follow-up status and sex \(age<1\), 2008 - 2010](#)

[Table 55 Children by follow-up status by NHS trust of last admission, 2008 - 2010](#)

**Table 51 Children by follow-up status and age, 2008 - 2010**

Age Group	30- day follow-up status							
	Alive		Dead		Unknown			
	n	%	n	%	n	%	n	%
<1 year	7,900	(50.0)	119	(0.8)	7,772	(49.2)	15,791	(44.3)
1-4 years	4,792	(49.6)	54	(0.6)	4,817	(49.8)	9,663	(27.1)
5-10 years	2,417	(47.5)	33	(0.6)	2,643	(51.9)	5,093	(14.3)
11-15 years	2,717	(53.5)	29	(0.6)	2,332	(45.9)	5,078	(14.3)
<b>Total</b>	<b>17,826</b>	<b>(50.0)</b>	<b>235</b>	<b>(0.7)</b>	<b>17,564</b>	<b>(49.3)</b>	<b>35,625</b>	

NB : note that tables 51-55 differ from those previously shown.

The total is the number of children discharged alive from their final PICU admission other than to 'normal residence'

**Table 52 Children by follow-up status and age (<1), 2008 - 2010**

Age Group (months)	30- day follow-up status							
	Alive		Dead		Unknown			
	n	%	n	%	n	%		
< 1 month	2,689	(51.6)	47	(0.9)	2,473	(47.5)	5,209 (33.0)	
1-2months	2,045	(52.0)	24	(0.6)	1,862	(47.4)	3,931 (24.9)	
3-5 months	1,440	(47.4)	24	(0.8)	1,576	(51.8)	3,040 (19.3)	
6-11 months	1,726	(47.8)	24	(0.7)	1,861	(51.5)	3,611 (22.9)	
Total	7,900	(50.0)	119	(0.8)	7,772	(49.2)	15,791	

**Table 53 Children by follow-up status and sex, 2008 - 2010**

Sex	30- day follow-up status							
	Alive		Dead		Unknown		Total	
	n	%	n	%	n	%	n	%
Male	10,020	(50.0)	126	(0.6)	9,899	(49.4)	20,045	(56.3)
Female	7,802	(50.2)	109	(0.7)	7,638	(49.1)	15,549	(43.6)
Ambiguous	4	(40.0)	0	(0.0)	6	(60.0)	10	-
N/K	0	(0.0)	0	(0.0)	21	(100.0)	21	-
Total	<b>17,826</b>	(50.0)	<b>235</b>	(0.7)	<b>17,564</b>	(49.3)	<b>35,625</b>	

**Table 54 Children by follow-up status and sex (age<1), 2008 - 2010**

Sex	30- day follow-up status						Total	
	Alive		Dead		Unknown			
	n	%	n	%	n	%	n	%
<b>Male</b>	4,665	(50.9)	69	(0.8)	4,436	(48.4)	<b>9,170</b>	<b>(58.1)</b>
<b>Female</b>	3,232	(48.9)	50	(0.8)	3,327	(50.3)	<b>6,609</b>	<b>(41.9)</b>
<b>Ambiguous</b>	3	(60.0)	0	(0.0)	2	(40.0)	<b>5</b>	-
<b>N/K</b>	0	(0.0)	0	(0.0)	7	(100.0)	<b>7</b>	-
<b>Total</b>	<b>7,900</b>	(50.0)	<b>119</b>	(0.8)	<b>7,772</b>	(49.2)	<b>15,791</b>	

Table 55 Children by follow-up status by NHS trust of last admission, 2008 - 2010

Admission year	NHS Trust	Follow-Up Status						Total	%
		Alive n	Alive %	Dead n	Dead %	Unknown n	Unknown %		
2008	A	0	(0)	1	(0)	312	(100)	313	(3)
	B	139	(99)	1	(1)	0	(0)	140	(1)
	C	234	(99)	2	(1)	0	(0)	236	(2)
	D	286	(74)	9	(2)	93	(24)	388	(4)
	E1	0	(0)	0	(0)	568	(100)	568	(5)
	E2	0	(0)	0	(0)	470	(100)	470	(4)
	F	685	(99)	10	(1)	0	(0)	695	(7)
	G	14	(100)	0	(0)	0	(0)	14	(0)
	H	2	(1)	0	(0)	227	(99)	229	(2)
	I	522	(99)	5	(1)	0	(0)	527	(5)
	J	88	(97)	2	(2)	1	(1)	91	(1)
	K	177	(31)	1	(0)	394	(69)	572	(5)
	L	166	(99)	2	(1)	0	(0)	168	(2)
	M	188	(75)	1	(0)	63	(25)	252	(2)
	N	9	(4)	2	(1)	194	(95)	205	(2)
	O	0	(0)	0	(0)	353	(100)	353	(3)
	P	716	(99)	10	(1)	0	(0)	726	(7)
	Q	375	(97)	8	(2)	2	(1)	385	(4)
	R	479	(99)	3	(1)	2	(0)	484	(5)
	S	128	(99)	0	(0)	1	(1)	129	(1)
	T	0	(0)	0	(0)	308	(100)	308	(3)
	U	0	(0)	0	(0)	205	(100)	205	(2)
	V	0	(0)	0	(0)	669	(100)	669	(6)
	W	0	(0)	0	(0)	506	(100)	506	(5)
	X	316	(68)	9	(2)	142	(30)	467	(4)
	Y	358	(100)	0	(0)	0	(0)	358	(3)
	Z	45	(21)	2	(1)	171	(78)	218	(2)
	ZA	0	(0)	0	(0)	631	(100)	631	(6)
	ZB	170	(98)	2	(1)	1	(1)	173	(2)
2008 Total		5,097	(48.6)	70	(0.7)	5,313	(50.7)	10,480	
2009	A	0	(0)	0	(0)	361	(100)	361	(3)
	B	234	(98)	1	(0)	5	(2)	240	(2)
	C	262	(97)	7	(3)	0	(0)	269	(2)
	D	414	(86)	7	(1)	62	(13)	483	(4)
	E1	0	(0)	0	(0)	576	(100)	576	(5)
	E2	0	(0)	0	(0)	459	(100)	459	(4)
	F	700	(98)	12	(2)	1	(0)	713	(6)
	G	15	(100)	0	(0)	0	(0)	15	(0)
	H	1	(0)	0	(0)	387	(100)	388	(3)
	I	555	(99)	6	(1)	0	(0)	561	(5)
	J	41	(47)	2	(2)	44	(51)	87	(1)
	K	108	(21)	2	(0)	409	(79)	519	(5)
	L	191	(99)	2	(1)	0	(0)	193	(2)
	M	177	(74)	4	(2)	57	(24)	238	(2)
	N	3	(1)	0	(0)	244	(99)	247	(2)
	O	0	(0)	0	(0)	443	(100)	443	(4)
	P	742	(98)	13	(2)	0	(0)	755	(7)
	Q	294	(97)	7	(2)	1	(0)	302	(3)
	R	524	(99)	7	(1)	0	(0)	531	(5)
	S	124	(100)	0	(0)	0	(0)	124	(1)
	T	0	(0)	0	(0)	322	(100)	322	(3)
	U	0	(0)	1	(0)	246	(100)	247	(2)
	V	0	(0)	0	(0)	822	(100)	822	(7)
	W	0	(0)	0	(0)	446	(100)	446	(4)
	X	377	(76)	5	(1)	115	(23)	497	(4)
	Y	319	(99)	2	(1)	2	(1)	323	(3)
	Z	1	(0)	0	(0)	222	(100)	223	(2)
	ZA	0	(0)	1	(0)	657	(100)	658	(6)
	ZB	338	(98)	5	(1)	1	(0)	344	(3)
2009 Total		5,420	(47.6)	84	(0.7)	5,882	(51.7)	11,386	
2010	A	0	(0)	0	(0)	410	(100)	410	(3)
	B	235	(93)	2	(1)	16	(6)	253	(2)
	C	205	(99)	2	(1)	0	(0)	207	(2)
	D	366	(72)	8	(2)	135	(27)	509	(4)
	E1	0	(0)	0	(0)	651	(100)	651	(5)
	E2	0	(0)	0	(0)	536	(100)	536	(4)
	F	790	(99)	6	(1)	3	(0)	799	(6)
	G	13	(100)	0	(0)	0	(0)	13	(0)
	H	0	(0)	0	(0)	416	(100)	416	(3)
	I	546	(98)	12	(2)	0	(0)	558	(4)
	J	55	(82)	1	(1)	11	(16)	67	(0)
	K	85	(13)	0	(0)	573	(87)	658	(5)
	L	186	(96)	2	(1)	5	(3)	193	(1)
	M	243	(86)	3	(1)	35	(12)	281	(2)
	N	1	(1)	1	(1)	180	(99)	182	(1)
	O	0	(0)	0	(0)	537	(100)	537	(4)
	P	807	(99)	8	(1)	2	(0)	817	(6)
	Q	344	(99)	3	(1)	1	(0)	348	(3)
	R	594	(92)	6	(1)	47	(7)	647	(5)
	S	145	(99)	1	(1)	1	(1)	147	(1)
	T	0	(0)	0	(0)	358	(100)	358	(3)
	U	0	(0)	0	(0)	256	(100)	256	(2)
	V	0	(0)	0	(0)	880	(100)	880	(6)
	W	535	(100)	2	(0)	0	(0)	537	(4)
	X	392	(78)	2	(0)	106	(21)	500	(4)
	Y	228	(65)	0	(0)	123	(35)	351	(3)
	Z	0	(0)	0	(0)	182	(100)	182	(1)
	ZA	0	(0)	0	(0)	742	(100)	742	(5)
	ZB	316	(98)	6	(2)	2	(1)	324	(2)
	ZC	825	(96)	11	(1)	23	(3)	859	(6)
	ZD	397	(86)	5	(1)	58	(13)	460	(3)
	ZE	1	(1)	0	(0)	80	(99)	81	(1)
2010 Total		7,309	(53.1)	81	(0.6)	6,369	(46.3)	13,759	
Grand Total		17,826	(50.0)	235	(0.7)	17,564	(49.3)	35,625	

## Data on individual children

In all other chapters of this report except the immediately preceding section on 30 –day follow- up, PICU activity is presented for episodes of care or admissions. This chapter describes activity related to 38,949 individual patients representing the the 52,337 admissions (0 - 15 years) during 2008 - 2010. Note however that identification of children is not always clear and particular issues arise with Trust ZD.

[Firstly, Table 56 summarises admissions by the source of their previous admission \(same or other trust or single admission only\).](#)

[Table 57 reports the number of children having repeat admissions by trust](#)

[Table 58 the number of children admitted by diagnostic group](#)

[Table 59 summarises the number of children admitted by diagnostic group either once to a single trust, more than once to the same trust or more than once to more than 1 trust.](#)

**Table 56 Re-Admissions by NHS trust and source of previous admission, 2008 - 2010**

NHS Trust	Source of Previous Admission						Total	
	Same NHS Trust		Other NHS Trust		No Previous Admission			
	n	%	n	%	n	%	n	%
A	431	(27)	64	(4)	1,096	(69)	1,591	(3.0)
B	267	(22)	66	(6)	855	(72)	1,188	(2.3)
C	192	(21)	41	(5)	677	(74)	910	(1.7)
D	524	(25)	136	(7)	1,399	(68)	2,059	(3.9)
E1	573	(21)	278	(10)	1,927	(69)	2,778	(5.3)
E2	500	(24)	273	(13)	1,309	(63)	2,082	(4.0)
F	1,096	(32)	268	(8)	2,112	(61)	3,476	(6.6)
G	12	(12)	7	(7)	83	(81)	102	(0.2)
H	375	(24)	91	(6)	1,093	(70)	1,559	(3.0)
I	730	(30)	113	(5)	1,565	(65)	2,408	(4.6)
J	39	(12)	15	(5)	269	(83)	323	(0.6)
K	1,007	(37)	87	(3)	1,654	(60)	2,748	(5.3)
L	263	(28)	64	(7)	618	(65)	945	(1.8)
M	210	(20)	91	(9)	767	(72)	1,068	(2.0)
N	199	(22)	39	(4)	655	(73)	893	(1.7)
O	758	(37)	71	(3)	1,219	(60)	2,048	(3.9)
P	1,039	(31)	113	(3)	2,211	(66)	3,363	(6.4)
Q	410	(27)	72	(5)	1,052	(69)	1,534	(2.9)
R	672	(29)	110	(5)	1,535	(66)	2,317	(4.4)
S	140	(25)	29	(5)	402	(70)	571	(1.1)
T	313	(22)	87	(6)	1,043	(72)	1,443	(2.8)
U	130	(14)	108	(11)	724	(75)	962	(1.8)
V	1,264	(34)	198	(5)	2,216	(60)	3,678	(7.0)
W	534	(26)	53	(3)	1,437	(71)	2,024	(3.9)
X	722	(32)	106	(5)	1,449	(64)	2,277	(4.4)
Y	200	(16)	23	(2)	1,056	(83)	1,279	(2.4)
Z	279	(24)	99	(9)	786	(68)	1,164	(2.2)
ZA	751	(27)	42	(2)	1,992	(72)	2,785	(5.3)
ZB	264	(22)	4	(0)	910	(77)	1,178	(2.3)
ZC	54	(5)	28	(3)	906	(92)	988	(1.9)
ZD	48	(10)	0	(0)	436	(90)	484	(0.9)
ZE	12	(11)	2	(2)	98	(88)	112	(0.2)
<b>Total</b>	<b>14,008</b>	<b>(26.8)</b>	<b>2,778</b>	<b>(5.3)</b>	<b>35,551</b>	<b>(67.9)</b>	<b>52,337</b>	

Table 57 Number of admissions of individual children by their NHS trust of first admission, 2008 - 2010

NHS Trust	Number of Admissions														Total		
	1		2		3		4		5		6		7		8+		
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n
A	905	(73)	196	(16)	64	(5)	30	(2)	14	(1)	6	(0)	6	(0)	12	(1)	1,233 (3.2)
B	705	(78)	115	(13)	32	(4)	22	(2)	13	(1)	5	(1)	4	(0)	11	(1)	907 (2.3)
C	590	(80)	84	(11)	30	(4)	21	(3)	11	(1)	4	(1)	1	(0)	0	(0)	741 (1.9)
D	1,117	(73)	205	(13)	80	(5)	52	(3)	34	(2)	12	(1)	8	(1)	20	(1)	1,528 (3.9)
E	2,550	(71)	580	(16)	209	(6)	109	(3)	50	(1)	31	(1)	11	(0)	28	(1)	3,568 (9.2)
F	1,549	(65)	424	(18)	158	(7)	106	(4)	54	(2)	24	(1)	18	(1)	35	(1)	2,368 (6.1)
G	43	(48)	33	(37)	9	(10)	2	(2)	1	(1)	0	(0)	0	(0)	1	(1)	89 (0.2)
H	863	(75)	158	(14)	63	(6)	29	(3)	15	(1)	8	(1)	3	(0)	6	(1)	1,145 (2.9)
I	1,238	(69)	290	(16)	136	(8)	60	(3)	27	(2)	20	(1)	8	(0)	16	(1)	1,795 (4.6)
J	224	(79)	37	(13)	10	(4)	7	(2)	0	(0)	1	(0)	2	(1)	2	(1)	283 (0.7)
K	1,259	(68)	288	(16)	129	(7)	67	(4)	43	(2)	16	(1)	11	(1)	31	(2)	1,844 (4.7)
L	493	(73)	96	(14)	26	(4)	26	(4)	8	(1)	4	(1)	8	(1)	15	(2)	676 (1.7)
M	645	(78)	96	(12)	45	(5)	20	(2)	9	(1)	6	(1)	3	(0)	6	(1)	830 (2.1)
N	539	(74)	103	(14)	45	(6)	21	(3)	9	(1)	2	(0)	2	(0)	5	(1)	726 (1.9)
O	835	(60)	304	(22)	135	(10)	53	(4)	30	(2)	23	(2)	6	(0)	16	(1)	1,402 (3.6)
P	1,778	(71)	375	(15)	165	(7)	67	(3)	43	(2)	20	(1)	9	(0)	38	(2)	2,495 (6.4)
Q	842	(75)	172	(15)	39	(3)	25	(2)	18	(2)	10	(1)	3	(0)	17	(2)	1,126 (2.9)
R	1,217	(72)	271	(16)	95	(6)	47	(3)	29	(2)	11	(1)	8	(0)	20	(1)	1,698 (4.4)
S	330	(77)	64	(15)	21	(5)	6	(1)	1	(0)	3	(1)	0	(0)	6	(1)	431 (1.1)
T	874	(79)	132	(12)	47	(4)	19	(2)	15	(1)	3	(0)	3	(0)	14	(1)	1,107 (2.8)
U	636	(81)	80	(10)	35	(4)	12	(2)	6	(1)	3	(0)	6	(1)	5	(1)	783 (2.0)
V	1,675	(65)	477	(19)	242	(9)	86	(3)	34	(1)	22	(1)	16	(1)	21	(1)	2,573 (6.6)
W	1,209	(74)	249	(15)	78	(5)	44	(3)	25	(2)	12	(1)	10	(1)	9	(1)	1,636 (4.2)
X	1,099	(68)	245	(15)	119	(7)	51	(3)	31	(2)	22	(1)	13	(1)	26	(2)	1,606 (4.1)
Y	916	(83)	126	(11)	32	(3)	13	(1)	8	(1)	3	(0)	1	(0)	4	(0)	1,103 (2.8)
Z	632	(78)	109	(13)	33	(4)	14	(2)	6	(1)	5	(1)	2	(0)	7	(1)	808 (2.1)
ZA	1,588	(76)	339	(16)	99	(5)	40	(2)	20	(1)	8	(0)	3	(0)	1	(0)	2,098 (5.4)
ZB	743	(82)	110	(12)	30	(3)	8	(1)	7	(1)	5	(1)	3	(0)	4	(0)	910 (2.3)
ZC	855	(94)	43	(5)	4	(0)	3	(0)	1	(0)	0	(0)	0	(0)	0	(0)	906 (2.3)
ZD	435	(100)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(0)	436 (1.1)
ZE	84	(86)	13	(13)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	98 (0.3)
Total	28,468	(73.1)	5,814	(14.9)	2,210	(5.7)	1,060	(2.7)	563	(1.4)	289	(0.7)	168	(0.4)	377	(1.0)	38,949

Table 58 Number of individual children by NHS trust and diagnostic group of first admission, 2008 - 2010

NHS Trust	Diagnostic Group																		Total										
	Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Missing		
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	
A	14	(1)	18	(1)	33	(3)	39	(3)	108	(9)	79	(6)	6	(0)	90	(7)	210	(17)	161	(13)	249	(20)	64	(5)	69	(6)	93	(8)	1,233 (3.2)
B	14	(2)	20	(2)	29	(3)	54	(6)	144	(16)	52	(6)	1	(0)	11	(1)	79	(9)	7	(1)	395	(44)	35	(4)	66	(7)	0	(0)	907 (2.3)
C	5	(1)	7	(1)	23	(3)	18	(2)	16	(2)	103	(14)	0	(0)	120	(16)	128	(17)	12	(2)	239	(32)	40	(5)	30	(4)	0	(0)	741 (1.9)
D	8	(1)	22	(1)	81	(5)	65	(4)	98	(6)	134	(9)	4	(0)	68	(4)	271	(18)	67	(4)	563	(37)	74	(5)	73	(5)	0	(0)	1,528 (3.9)
E	25	(1)	101	(3)	1,546	(43)	105	(3)	235	(7)	120	(3)	5	(0)	70	(2)	314	(9)	88	(2)	705	(20)	126	(4)	125	(4)	3	(0)	3,568 (9.2)
F	15	(1)	11	(0)	910	(38)	56	(2)	29	(1)	180	(8)	3	(0)	169	(7)	182	(8)	3	(0)	668	(28)	31	(1)	93	(4)	18	(1)	2,368 (6.1)
G	0	(0)	0	(0)	6	(7)	0	(0)	0	(0)	7	(8)	0	(0)	0	(0)	40	(45)	2	(2)	23	(26)	3	(3)	8	(9)	0	(0)	89 (0.2)
H	23	(2)	9	(1)	23	(2)	32	(3)	182	(16)	39	(3)	0	(0)	9	(1)	216	(19)	108	(9)	229	(20)	88	(8)	163	(14)	24	(2)	1,145 (2.9)
I	14	(1)	10	(1)	782	(44)	31	(2)	95	(5)	100	(6)	2	(0)	60	(3)	152	(8)	99	(6)	283	(16)	75	(4)	75	(4)	17	(1)	1,795 (4.6)
J	9	(3)	16	(6)	6	(2)	14	(5)	69	(24)	16	(6)	1	(0)	0	(0)	33	(12)	1	(0)	87	(31)	4	(1)	21	(7)	6	(2)	283 (0.7)
K	29	(2)	134	(7)	576	(31)	19	(1)	211	(11)	93	(5)	10	(1)	28	(2)	156	(8)	98	(5)	301	(16)	83	(5)	101	(5)	5	(0)	1,844 (4.7)
L	2	(0)	0	(0)	28	(4)	15	(2)	22	(3)	44	(7)	0	(0)	53	(8)	121	(18)	4	(1)	339	(50)	28	(4)	20	(3)	0	(0)	676 (1.7)
M	9	(1)	11	(1)	41	(5)	27	(3)	47	(6)	79	(10)	1	(0)	70	(8)	117	(14)	48	(6)	253	(30)	61	(7)	66	(8)	0	(0)	830 (2.1)
N	6	(1)	21	(3)	213	(29)	21	(3)	37	(5)	26	(4)	6	(1)	19	(3)	110	(15)	22	(3)	169	(23)	35	(5)	32	(4)	9	(1)	726 (1.9)
O	0	(0)	3	(0)	1,233	(88)	1	(0)	9	(1)	12	(1)	0	(0)	8	(1)	4	(0)	12	(1)	104	(7)	0	(0)	9	(1)	7	(0)	1,402 (3.6)
P	10	(0)	119	(5)	1,072	(43)	34	(1)	156	(6)	147	(6)	14	(1)	47	(2)	211	(8)	66	(3)	456	(18)	103	(4)	58	(2)	2	(0)	2,495 (6.4)
Q	8	(1)	72	(6)	32	(3)	28	(2)	115	(10)	85	(8)	1	(0)	37	(3)	168	(15)	46	(4)	379	(34)	58	(5)	60	(5)	37	(3)	1,126 (2.9)
R	9	(1)	43	(3)	569	(34)	25	(1)	164	(10)	75	(4)	1	(0)	119	(7)	235	(14)	32	(2)	332	(20)	48	(3)	39	(2)	7	(0)	1,698 (4.4)
S	1	(0)	0	(0)	10	(2)	10	(2)	5	(1)	28	(6)	1	(0)	43	(10)	65	(15)	1	(0)	208	(48)	35	(8)	24	(6)	0	(0)	431 (1.1)
T	18	(2)	15	(1)	21	(2)	13	(1)	109	(10)	85	(8)	0	(0)	42	(4)	176	(16)	151	(14)	354	(32)	56	(5)	66	(6)	1	(0)	1,107 (2.8)
U	32	(4)	4	(1)	41	(5)	45	(6)	33	(4)	84	(11)	0	(0)	0	(0)	176	(22)	1	(0)	305	(39)	6	(1)	36	(5)	20	(3)	783 (2.0)
V	33	(1)	63	(2)	1,095	(43)	82	(3)	221	(9)	95	(4)	7	(0)	31	(1)	244	(9)	79	(3)	403	(16)	89	(3)	118	(5)	13	(1)	2,573 (6.6)
W	14	(1)	9	(1)	790	(48)	28	(2)	67	(4)	90	(6)	1	(0)	4	(0)	200	(12)	46	(3)	315	(19)	19	(1)	47	(3)	6	(0)	1,636 (4.2)
X	11	(1)	35	(2)	606	(38)	34	(2)	96	(6)	109	(7)	1	(0)	13	(1)	126	(8)	16	(1)	411	(26)	34	(2)	49	(3)	65	(4)	1,606 (4.1)
Y	8	(1)	27	(2)	24	(2)	25	(2)	54	(5)	87	(8)	7	(1)	270	(24)	126	(11)	50	(5)	338	(31)	53	(5)	31	(3)	3	(0)	1,103 (2.8)
Z	35	(4)	18	(2)	9	(1)	36	(4)	99	(12)	38	(5)	1	(0)	1	(0)	91	(11)	12	(1)	352	(44)	65	(8)	46	(6)	5	(1)	808 (2.1)
ZA	14	(1)	18	(1)	645	(31)	45	(2)	122	(6)	267	(13)	11	(1)	22	(1)	208	(10)	73	(3)	383	(18)	34	(2)	250	(12)	6	(0)	2,098 (5.4)
ZB	6	(1)	36	(4)	84	(9)	40	(4)	50	(5)	69	(8)	4	(0)	46	(5)	138	(15)	35	(4)	231	(25)	41	(5)	64	(7)	66	(7)	910 (2.3)
ZC	13	(1)	23	(3)	454	(50)	16	(2)	78	(9)	12	(1)	0	(0)	32	(4)	39	(4)	28	(3)	162	(18)	12	(1)	37	(4)	0	(0)	906 (2.3)
ZD	7	(2)	14	(3)	6	(1)	13	(3)	54	(12)	23	(5)	4	(1)	56	(13)	73	(17)	18	(4)	102	(23)	17	(4)	32	(7)	17	(4)	436 (1.1)
ZE	0	(0)	0	(0)	67	(68)	1	(1)	0	(0)	0	(0)	0	(0)	4	(4)	7	(7)	11	(11)	5	(5)	0	(0)	3	(3)	0	(0)	98 (0.3)
Total	392	(1.0)	879	(2.3)	11,055	(28.4)	972	(2.5)	2,725	(7.0)	2,378	(6.1)	92	(0.2)	1,542	(4.0)	4,416	(11.3)	1,397	(3.6)	9,343	(24.0)	1,417	(3.6)	1,911	(4.9)	430	(1.1)	38,949

Table 59 Individual child admissions by diagnostic group and readmission status, 2008 - 2010

Diagnostic Group	Number of Admissions						Total	
	Single		Multiple (1 trust)		Multiple (2+ trusts)			
	n	%	n	%	n	%	n	%
Blood / lymphatic	282	(72)	88	(22)	22	(6)	392	(1.0)
Body wall and cavities	653	(74)	198	(23)	28	(3)	879	(2.3)
Cardiovascular	6,966	(63)	3,442	(31)	647	(6)	11,055	(28.4)
Endocrine / metabolic	775	(80)	143	(15)	54	(6)	972	(2.5)
Gastrointestinal	1,975	(72)	612	(22)	138	(5)	2,725	(7.0)
Infection	2,021	(85)	248	(10)	109	(5)	2,378	(6.1)
Missing	291	(68)	80	(19)	59	(14)	430	(1.1)
Multisystem	49	(53)	37	(40)	6	(7)	92	(0.2)
Musculoskeletal	1,245	(81)	252	(16)	45	(3)	1,542	(4.0)
Neurological	3,414	(77)	750	(17)	252	(6)	4,416	(11.3)
Oncology	1,023	(73)	326	(23)	48	(3)	1,397	(3.6)
Other	1,480	(77)	346	(18)	85	(4)	1,911	(4.9)
Respiratory	6,994	(75)	1,621	(17)	728	(8)	9,343	(24.0)
Trauma	1,300	(92)	87	(6)	30	(2)	1,417	(3.6)
Total	28,468	(73.1)	8,230	(21.1)	2,251	(5.8)	38,949	

## Prevalence for admission

Age and sex specific prevalence for admission to PICUs in Great Britain has been calculated with 95% Poisson confidence intervals using 2008 mid year population estimates produced by the Office for National Statistics (table 60). Age-sex standardised prevalence for the childhood population (less than 16 years) by SHA / HB has been calculated (table 61). This is mapped in figure 61a. Note that Scotland and Wales are mapped for the country as a whole.

Children were allocated to an SHA / HB using their residential address at admission. Addresses were validated using AFD Postcode Plus address validation software to obtain a correct postcode. Using the National Statistics Postcode Directory (<http://www.statistics.gov.uk/geography/nspd.asp>), postcodes were then linked to SHA/HB.

We have also presented age-sex standardised prevalence by PCO in figure 61b.

1) Office for National Statistics. Mid year population estimates for England and Wales. [Online] [Accessed May 2009] Available on the world wide web at <<http://www.statistics.gov.uk/statbase/Product.asp?vlnk=15106>>.

2) AFD Refiner Q.2/08. AFD Software Ltd, Lough House, Approach Road, Ramsey, ISLE OF MAN, IM8 1RG, UK, 2008.

## **Index to Prevalence for Admission**

[Table 60 Age specific prevalence \(per 100,000 per year\) for admission to paediatric intensive care in Great Britain, 2008 - 2010](#)

[Table 61 Age-sex standardised prevalence \(per 100,000 per year\) for admissions to paediatric intensive care by Nation or English SHA in Great Britain, 2008 - 2010](#)

[Figure 61a Age-Sex standardised prevalence \(per 100,000 per year\) for admissions to paediatric intensive care by Nation or English SHA in Great Britain, 2008 - 2010](#)

[Figure 61b Age-Sex standardised prevalence \(per 100,000 per year\) for admissions to paediatric intensive care by PCO in Great Britain, 2008 - 2010](#)

**Table 60 Age and sex specific prevalence (per 100,000 per year) for admission to paediatric intensive care in Great Britain, 2008 - 2010**

Sex	Age Group (Years)	Population	Prevalence Rates									2008-10 (95% CI)		
			2008 (95% CI)			2009 (95% CI)			2010 (95% CI)					
			Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper
<b>Male</b>	<1 year	<b>388500</b>	1082.6	1050.1	1115.2	1123.8	1090.7	1157	1128.2	1095	1161.4	1111.5	1092.5	1130.6
	1-4 years	<b>1482700</b>	149.9	143.6	156.1	158.5	152.1	164.9	156.3	149.9	162.6	154.9	151.2	158.5
	5-10 years	<b>2030800</b>	57.7	54.4	61	59.5	56.2	62.9	53.9	50.7	57.1	57	55.1	58.9
	11-15 years	<b>1813700</b>	60.8	57.2	64.4	58.7	55.1	62.2	59.1	55.5	62.6	59.5	57.5	61.6
<b>Female</b>	<1 year	<b>370200</b>	830.4	801.1	859.6	868.4	838.6	898.3	846.3	816.8	875.8	848.4	831.3	865.4
	1-4 years	<b>1414600</b>	129.4	123.5	135.4	124.8	119	130.6	131.5	125.5	137.5	128.6	125.2	132
	5-10 years	<b>1939500</b>	48.9	45.8	52	50.6	47.4	53.7	45.5	42.5	48.5	48.3	46.5	50.1
	11-15 years	<b>1726900</b>	60	56.3	63.6	63.7	59.9	67.5	55.6	52.1	59.1	59.8	57.7	61.9
<b>Total</b>		<b>11166900</b>	139.6	137.4	141.8	143.7	141.5	145.9	140.6	138.4	142.8	141.3	140	142.6

Populations for calculation of prevalence are taken from the Office of National Statistics mid-09 estimates'; adjustments have been made to match PICANet age groups.

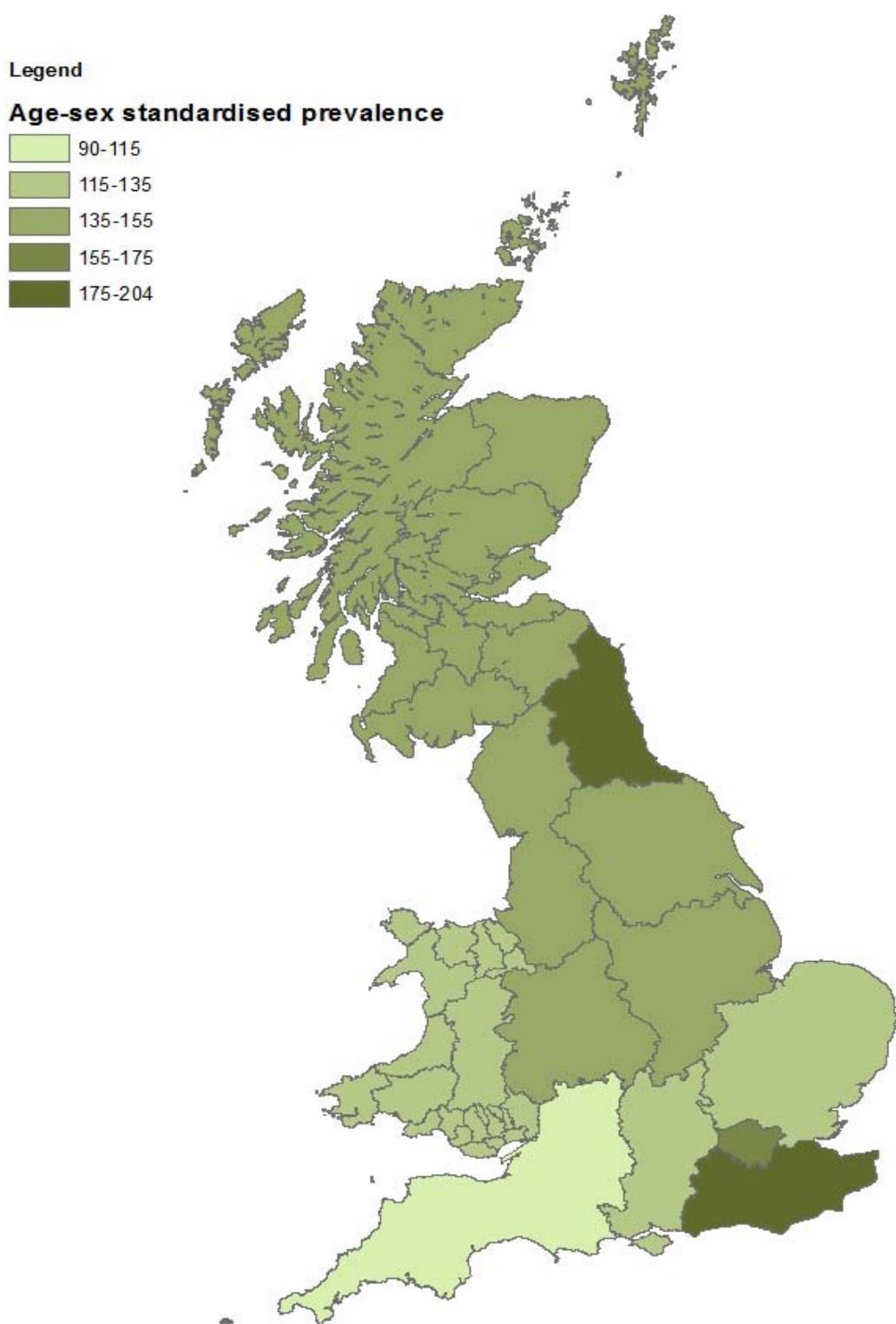
**Table 61 Age-sex standardised prevalence (per 100,000 per year) for admissions to paediatric intensive care by Nation or English SHA in Great Britain, 2008 - 2010**

Country	SHA / HB	Population	Prevalence											
			2008 (95% CI)			2009 (95% CI)			2010 (95% CI)			2008 - 2010 (95% CI)		
			Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper
<b>England</b>	North East	<b>459900</b>	206.2	193	219.5	195	182.1	207.9	208.5	195.2	221.8	203.2	195.6	210.8
	North West	<b>1298300</b>	136.6	130.3	143	141.6	135.1	148.1	139.6	133.2	146	139.3	135.6	143
	Yorkshire and the Humber	<b>974000</b>	150.1	142.4	157.8	131.7	124.5	138.9	138.6	131.2	146	140.1	135.8	144.4
	East Midlands	<b>816900</b>	135.4	127.3	143.4	145.1	136.7	153.4	137.9	129.8	146	139.4	134.7	144.1
	West Midlands	<b>1052900</b>	134.7	127.7	141.7	148.5	141.1	155.8	140.5	133.4	147.7	141.2	137.1	145.4
	East of England	<b>1088400</b>	114.5	108.1	120.9	124	117.4	130.7	124.1	117.4	130.8	120.9	117.1	124.7
	London	<b>1498700</b>	162.7	156.6	168.9	173.7	167.3	180	175.5	169.1	181.9	170.6	167	174.3
	South East Coast	<b>812800</b>	158.3	149.5	167.1	190.1	180.4	199.7	186.1	176.6	195.6	178.2	172.8	183.5
	South Central	<b>780600</b>	111	103.6	118.4	116.6	109	124.2	119.9	112.1	127.6	115.8	111.4	120.2
	South West	<b>921900</b>	99.2	92.7	105.8	90.7	84.4	96.9	81.4	75.4	87.3	90.4	86.8	94.1
<b>Wales</b>		<b>550000</b>	120	110.7	129.3	124.4	114.9	133.9	109.6	100.7	118.5	118	112.6	123.3
<b>Scotland</b>		<b>912500</b>	157.4	149.2	165.6	145.7	137.8	153.5	124.6	117.3	131.9	142.6	138	147.1
<b>Total</b>		<b>11166900</b>	<b>136.7</b>	<b>134.5</b>	<b>138.9</b>	<b>140.1</b>	<b>137.9</b>	<b>142.3</b>	<b>143.9</b>	<b>141.7</b>	<b>146.1</b>	<b>140.2</b>	<b>139</b>	<b>141.5</b>

Populations for calculation of prevalence are taken from the Office of National Statistics mid-09 estimates'; adjustments have been made to match PICANet age groups.

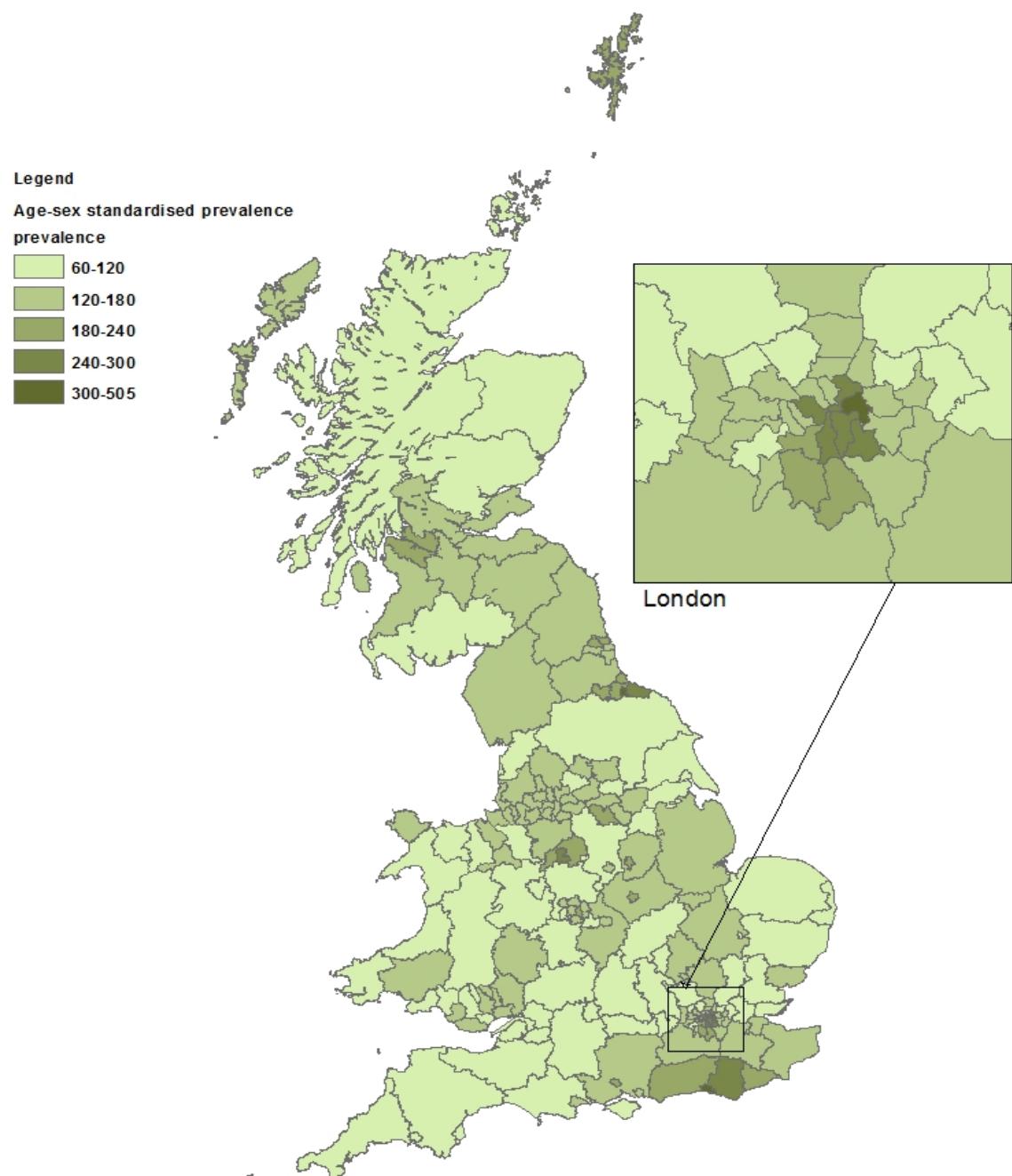
Note that in this Table , and Fig 61a, results are shown for Scotland and Wales as a whole

Figure 61a Age-Sex standardised prevalence (per 100,000 per year) for admissions to paediatric intensive care by Nation or English SHA in Great Britain, 2008-2010



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Note that in this map results for Scotland and Wales are those for the whole country

Figure 61b Age-Sex standardised prevalence (per 100,000 per year) for admissions to paediatric intensive care by PCO/HB in Great Britain, 2008-2010



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## **Children in Adult ICUs**

Data on children (under 16 years) treated in adult intensive care units (AICUs), including age in months, sex, date of admission and discharge, outcome and discharge location and admission diagnosis, were provided by the Intensive Care National Audit & Research Centre (ICNARC), to whom we are very grateful. This data is summarised in tables 62 – 67. No data has been provided for this period by the South West Audit of Critically Ill Children (SWACIC). In 2010 some of the information previously provided by them was included in the ICNARC dataset. The increased number of admissions in 2010 is probably due to increased reporting. Signed consent was obtained from the unit director of each AICU. The data for 2010 is from 92 hospitals in England who have agreed to the release of data to PICANet and have reported admissions of children. Some hospitals have not agreed to such release. Some have agreed but had no children and for some no data is available. 6 units in Wales and 3 in Northern Ireland have also agreed to the supply of data. One unit in England submits data to PICANet as well as ICNARC and is excluded here.

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- [Table 63 Admission of children to AICUs by age and month of admission, England, 2008-2010](#)
- [Table 64 Admission of children to AICUs by age and diagnostic group, England, 2008-2010](#)
- [Table 65 Mortality of children admitted to AICUs by age and diagnostic group, England, 2008-2010](#)
- [Table 66 Discharge destination for children admitted to AICUs, England, 2008-2010](#)
- [Table 67 Length of stay for surviving children admitted to AICUs, England, 2008-2010](#)

**Table 62 Admission of children to AICUs by age and sex, England, 2008-2010**

Year	Sex	Age Group (years)								Total	
		<1		1-4		5-10		11-15			
		n	%	n	%	n	%	n	%	n	%
2008	Male	71	(24)	81	(27)	46	(15)	101	(34)	299	(61.4)
	Female	38	(20)	54	(29)	22	(12)	74	(39)	188	(38.6)
2008 Total		109	(22)	135	(28)	68	(14)	175	(36)	487	
2009	Male	65	(24)	74	(28)	48	(18)	79	(30)	266	(55.8)
	Female	46	(22)	50	(24)	35	(17)	80	(38)	211	(44.2)
2009 Total		111	(23)	124	(26)	83	(17)	159	(33)	477	
2010	Male	99	(28)	94	(26)	62	(17)	103	(29)	358	(56.1)
	Female	82	(29)	65	(23)	25	(9)	108	(39)	280	(43.9)
2010 Total		181	(28)	159	(25)	87	(14)	211	(33)	638	
Grand Total		401	(25)	418	(26)	238	(15)	545	(34)	1,602	

Source: Intensive Care National Audit Research Centre

**Table 63 Admission of children to AICUs by age and month of admission, England, 2008-2010**

		Age Group (years)								Total	
		<1		1-4		5-10		11-15			
		n	%	n	%	n	%	n	%	n	%
<b>2008</b>											
<b>January</b>	6	(15)	14	(34)	5	(12)	16	(39)	41	(8)	
	February	4	(10)	14	(35)	12	(30)	10	(25)	40	(8)
	March	5	(14)	9	(26)	8	(23)	13	(37)	35	(7)
	April	6	(13)	19	(42)	5	(11)	15	(33)	45	(9)
	May	5	(11)	15	(32)	6	(13)	21	(45)	47	(10)
	June	4	(13)	10	(31)	5	(16)	13	(41)	32	(7)
	July	10	(29)	4	(12)	9	(26)	11	(32)	34	(7)
	August	11	(37)	7	(23)	3	(10)	9	(30)	30	(6)
	September	6	(16)	8	(22)	4	(11)	19	(51)	37	(8)
	October	10	(26)	11	(29)	2	(5)	15	(39)	38	(8)
	November	20	(41)	10	(20)	3	(6)	16	(33)	49	(10)
	December	22	(37)	14	(24)	6	(10)	17	(29)	59	(12)
<b>2008 Total</b>	<b>109</b>	<b>(22)</b>	<b>135</b>	<b>(28)</b>	<b>68</b>	<b>(14)</b>	<b>175</b>	<b>(36)</b>	<b>487</b>		
<b>2009</b>											
<b>January</b>	16	(38)	12	(29)	7	(17)	7	(17)	42	(9)	
	February	13	(31)	12	(29)	5	(12)	12	(29)	42	(7)
	March	10	(26)	14	(36)	4	(10)	11	(28)	39	(6)
	April	7	(20)	8	(23)	4	(11)	16	(46)	35	(5)
	May	10	(23)	5	(12)	8	(19)	20	(47)	43	(7)
	June	8	(15)	13	(24)	13	(24)	20	(37)	54	(8)
	July	7	(23)	9	(29)	5	(16)	10	(32)	31	(5)
	August	9	(26)	10	(29)	6	(18)	9	(26)	34	(5)
	September	5	(14)	4	(11)	9	(24)	19	(51)	37	(6)
	October	5	(13)	14	(35)	9	(23)	12	(30)	40	(6)
	November	7	(18)	9	(24)	8	(21)	14	(37)	38	(6)
	December	14	(33)	14	(33)	5	(12)	9	(21)	42	(7)
<b>2009 Total</b>	<b>111</b>	<b>(23)</b>	<b>124</b>	<b>(26)</b>	<b>83</b>	<b>(17)</b>	<b>159</b>	<b>(33)</b>	<b>477</b>		
<b>2010</b>											
<b>January</b>	17	(33)	13	(25)	10	(19)	12	(23)	52	(8)	
	February	17	(31)	18	(33)	6	(11)	14	(25)	55	(9)
	March	14	(23)	17	(28)	9	(15)	20	(33)	60	(9)
	April	14	(27)	14	(27)	7	(14)	16	(31)	51	(8)
	May	18	(35)	12	(23)	2	(4)	20	(38)	52	(8)
	June	11	(20)	11	(20)	12	(22)	21	(38)	55	(9)
	July	6	(14)	10	(23)	9	(20)	19	(43)	44	(7)
	August	5	(11)	11	(23)	9	(19)	22	(47)	47	(7)
	September	14	(30)	8	(17)	7	(15)	18	(38)	47	(7)
	October	17	(34)	13	(26)	8	(16)	12	(24)	50	(8)
	November	16	(32)	14	(28)	2	(4)	18	(36)	50	(8)
	December	32	(43)	18	(24)	6	(8)	19	(25)	75	(12)
<b>2010 Total</b>	<b>181</b>	<b>(28)</b>	<b>159</b>	<b>(25)</b>	<b>87</b>	<b>(14)</b>	<b>211</b>	<b>(33)</b>	<b>638</b>		
<b>Grand Total</b>	<b>401</b>	<b>(25)</b>	<b>418</b>	<b>(26)</b>	<b>238</b>	<b>(15)</b>	<b>545</b>	<b>(34)</b>	<b>1,602</b>		

Source: Intensive Care National Audit Research Centre

**Table 64 Admission of children to AICUs by age and diagnostic group, England, 2008-2010**

Year	Diagnostic group	Age group (years)								Total	% Total
		<1		1-4		5-10		11-15			
		n	%	n	%	n	%	n	%	n	%
2008	<b>Blood/lymph</b>	0	(0.0)	0	(0.0)	1	(50.0)	1	(50.0)	2	(0.4)
	<b>Body wall and cavities</b>	0	(0.0)	1	(50.0)	0	(0.0)	1	(50.0)	2	(0.4)
	<b>Cardiovascular</b>	17	(60.7)	2	(7.1)	1	(3.6)	8	(28.6)	28	(5.9)
	<b>Endocrine/Metabolic</b>	2	(11.1)	2	(11.1)	6	(33.3)	8	(44.4)	18	(3.8)
	<b>Gastrointestinal</b>	8	(27.6)	1	(3.4)	4	(13.8)	16	(55.2)	29	(6.1)
	<b>Infection</b>	2	(25.0)	3	(37.5)	0	(0.0)	3	(37.5)	8	(1.7)
	<b>Musculoskeletal</b>	0	(0.0)	1	(12.5)	0	(0.0)	7	(87.5)	8	(1.7)
	<b>Neurological</b>	16	(10.9)	57	(38.8)	28	(19.0)	46	(31.3)	147	(30.8)
	<b>Oncology</b>	4	(36.4)	3	(27.3)	0	(0.0)	4	(36.4)	11	(2.3)
	<b>Other</b>	5	(12.8)	2	(5.1)	3	(7.7)	29	(74.4)	39	(8.2)
	<b>Respiratory</b>	51	(32.3)	55	(34.8)	22	(13.9)	30	(19.0)	158	(33.1)
	<b>Trauma</b>	4	(10.8)	8	(21.6)	3	(8.1)	22	(59.5)	37	(7.8)
<b>2008 Total</b>		<b>109</b>	<b>(22.4)</b>	<b>135</b>	<b>(27.7)</b>	<b>68</b>	<b>(14.0)</b>	<b>175</b>	<b>(35.9)</b>	<b>487</b>	
2009	<b>Blood/lymph</b>	1	(50.0)		(0.0)	1	(50.0)		(0.0)	2	(0.3)
	<b>Body wall and cavities</b>	0		0		0		0		0	(0.0)
	<b>Cardiovascular</b>	15	(78.9)	1	(5.3)	1	(5.3)	2	(10.5)	19	(3.0)
	<b>Endocrine/Metabolic</b>	3	(17.6)		(0.0)	4	(23.5)	10	(58.8)	17	(2.7)
	<b>Gastrointestinal</b>	6	(20.0)	1	(3.3)	4	(13.3)	19	(63.3)	30	(4.7)
	<b>Infection</b>	3	(30.0)	3	(30.0)	1	(10.0)	3	(30.0)	10	(1.6)
	<b>Musculoskeletal</b>	2	(50.0)		(0.0)	1	(25.0)	1	(25.0)	4	(0.6)
	<b>Neurological</b>	17	(12.6)	49	(36.3)	28	(20.7)	41	(30.4)	135	(21.2)
	<b>Oncology</b>	8	(44.4)	1	(5.6)	1	(5.6)	8	(44.4)	18	(2.8)
	<b>Other</b>	7	(15.2)	7	(15.2)	1	(2.2)	31	(67.4)	46	(7.2)
	<b>Respiratory</b>	48	(28.4)	58	(34.3)	31	(18.3)	32	(18.9)	169	(26.5)
	<b>Trauma</b>	1	(3.7)	4	(14.8)	10	(37.0)	12	(44.4)	27	(4.2)
<b>2009 Total</b>		<b>111</b>	<b>(23.3)</b>	<b>124</b>	<b>(26.0)</b>	<b>83</b>	<b>(17.4)</b>	<b>159</b>	<b>(33.3)</b>	<b>477</b>	
2010	<b>Blood/lymph</b>	1	(16.7)	1	(16.7)	2	(33.3)	2	(33.3)	6	(0.9)
	<b>Body wall and cavities</b>	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)	1	(0.2)
	<b>Cardiovascular</b>	12	(50.0)	3	(12.5)	0	(0.0)	9	(37.5)	24	(3.8)
	<b>Endocrine/Metabolic</b>	4	(19.0)	2	(9.5)	1	(4.8)	14	(66.7)	21	(3.3)
	<b>Gastrointestinal</b>	11	(25.6)	3	(7.0)	12	(27.9)	17	(39.5)	43	(6.7)
	<b>Infection</b>	5	(35.7)	3	(21.4)	2	(14.3)	4	(28.6)	14	(2.2)
	<b>Musculoskeletal</b>		(0.0)		(0.0)	3	(25.0)	9	(75.0)	12	(1.9)
	<b>Neurological</b>	33	(16.8)	69	(35.0)	37	(18.8)	58	(29.4)	197	(30.9)
	<b>Oncology</b>	13	(72.2)	2	(11.1)	0	(0.0)	3	(16.7)	18	(2.8)
	<b>Other</b>	11	(19.6)	5	(8.9)	3	(5.4)	37	(66.1)	56	(8.8)
	<b>Respiratory</b>	87	(39.4)	67	(30.3)	25	(11.3)	42	(19.0)	221	(34.6)
	<b>Trauma</b>	4	(16.0)	4	(16.0)	2	(8.0)	15	(60.0)	25	(3.9)
<b>2010 Total</b>		<b>181</b>	<b>(28.4)</b>	<b>159</b>	<b>(24.9)</b>	<b>87</b>	<b>(13.6)</b>	<b>211</b>	<b>(33.1)</b>	<b>638</b>	
<b>Grand Total</b>		<b>401</b>	<b>(25)</b>	<b>418</b>	<b>(26)</b>	<b>238</b>	<b>(15)</b>	<b>545</b>	<b>(34)</b>	<b>1,602</b>	

Source: Intensive Care National Audit Research Centre

**Table 65 Mortality of children admitted to AICUs by age and diagnostic group, England, 2008-2010**

Year	Diagnostic group	Age group (years)								Total	
		<1		1-4		5-10		11-15			
		n	%	n	%	n	%	n	%	n	%
2008	<b>Cardiac</b>	1	(50)	0	(0)	0	(0)	1	(50)	2	(15.4)
	<b>Gastrointestinal</b>	2	(40)	0	(0)	1	(20)	2	(40)	5	(38.5)
	<b>Neurological</b>	1	(100)	0	(0)	0	(0)	0	(0)	1	(7.7)
	<b>Other</b>	0	(0)	0	(0)	0	(0)	1	(50)	2	(15.4)
	<b>Respiratory</b>	2	(50)	1	(25)	0	(0)	1	(25)	4	(30.8)
	<b>Trauma</b>	0	(0)	0	(0)	0	(0)	2	(100)	2	(15.4)
<b>2008 Total</b>		<b>5</b>	<b>(38.5)</b>	<b>1</b>	<b>(7.7)</b>	<b>1</b>	<b>(7.7)</b>	<b>6</b>	<b>(46.2)</b>	<b>13</b>	
2009	<b>Cardiac</b>	3	(50)	1	(17)	0	(0)	2	(33)	6	(30.0)
	<b>Endocrine/Metabolic</b>	1	(100)	0	(0)	0	(0)	0	(0)	1	(5.0)
	<b>Gastrointestinal</b>	(0)	(0)	0	(0)	0	(0)	1	(100)	1	(5.0)
	<b>Infection</b>	1	(100)	0	(0)	0	(0)	0	(0)	1	(5.0)
	<b>Neurological</b>	2	(100)	0	(0)	0	(0)	0	(0)	2	(10.0)
	<b>Oncology</b>	1	(50)	0	(0)	0	(0)	1	(50)	2	(10.0)
	<b>Other</b>	(0)	(0)	0	(0)	0	(0)	1	(100)	1	(5.0)
	<b>Respiratory</b>	3	(60)	1	(20)	0	(0)	1	(20)	5	(25.0)
	<b>Trauma</b>	(0)	(0)	0	(0)	1	(100)	0	(0)	1	(5.0)
<b>2009 Total</b>		<b>11</b>	<b>(55.0)</b>	<b>2</b>	<b>(10.0)</b>	<b>1</b>	<b>(5.0)</b>	<b>6</b>	<b>(30.0)</b>	<b>20</b>	
2010	<b>Cardiac</b>	3	(100)	0	(0)	0	(0)	0	(0)	3	(13.0)
	<b>Gastrointestinal</b>	2	(100)	0	(0)	0	(0)	0	(0)	2	(8.7)
	<b>Neurological</b>	3	(38)	1	(13)	0	(0)	4	(50)	8	(34.8)
	<b>Other</b>	1	(33)	0	(0)	0	(0)	2	(67)	3	(13.0)
	<b>Respiratory</b>	5	(83)	1	(17)	0	(0)	0	(0)	6	(26.1)
	<b>Trauma</b>	0	(0)	0	(0)	0	(0)	1	(100)	1	(4.3)
<b>2010 Total</b>		<b>14</b>	<b>(60.9)</b>	<b>2</b>	<b>(8.7)</b>	<b>0</b>	<b>(0.0)</b>	<b>7</b>	<b>(30.4)</b>	<b>23</b>	
<b>Grand Total</b>		<b>30</b>	<b>(53.6)</b>	<b>5</b>	<b>(8.9)</b>	<b>2</b>	<b>(3.6)</b>	<b>19</b>	<b>(33.9)</b>	<b>56</b>	

Source: Intensive Care National Audit Research Centre

**Table 66 Discharge destination for children admitted to AICUs, England, 2008-2010**

Year	Discharge destination	Total	
		n	%
2008	Discharged to PICU	207	(42.5)
	Discharged elsewhere	267	(54.8)
	Died	13	(2.7)
<b>2008 Total</b>		<b>487</b>	
2009	Discharged to PICU	234	(36.7)
	Discharged elsewhere	223	(35.0)
	Died	20	(3.1)
<b>2009 Total</b>		<b>487</b>	
2010	Discharged to PICU	318	(49.8)
	Discharged elsewhere	297	(46.6)
	Died	23	(3.6)
<b>2010 Total</b>		<b>638</b>	
<b>Grand Total</b>		<b>1,612</b>	

Source: Intensive Care National Audit Research Centre

**Table 67 Length of stay for surviving children admitted to AICUs, England, 2008-2010**

Year		Age group (years)			
		<1	1-4	5-10	11-15
<b>2008</b>	<b>Median length of stay</b>	1.5	1	1	2
	<b>Range (days)</b>	1-24	1-3	1-10	1-16
<b>2009</b>	<b>Median length of stay</b>	1.5	1	1	2
	<b>Range (days)</b>	1-28	1-21	1-6	1-35
<b>2010</b>	<b>Median length of stay</b>	1	1	1	2
	<b>Range (days)</b>	1-36	1-3	1-4	1-30

Source: Intensive Care National Audit Research Centre

## Daily activity data (the Paediatric Critical Care Minimum Dataset)

PICANet have received daily activity data on over 219,000 patient days from 31 units and 27 trusts in 2008- 10. This data covers patients of all ages.

The purpose of the PCCMDS is to provide the basis for payment by results (PbR) through the establishment of healthcare resource groups and has been described in more detail in the [2007 National Report](#). Seven HRGs were specified to take account of differing levels of activity in PICU:

- HRG1 - High Dependency
- HRG2 - High Dependency Advanced
- HRG3 - Intensive Care Basic
- HRG4 - Intensive Care Basic Enhanced
- HRG5 - Intensive Care Advanced
- HRG6 - Intensive Care Advanced Enhanced
- HRG7 - Intensive Care - ECMO / ECLS

The data received by PICANet have been grouped into these HRGs by PICU. These data are summarised in figure PCCMDS1 below. We now report results for identified PICUs. There is still wide variation in the level of intensive care activity delivered in different units.

Tables PCCMDS1 - 4 show more about HRGs and activity recorded in the PCCMDS dataset

[Table PCCMDS1 shows the total number of days for each HRG.](#)

[Table PCCMDS2 shows the most common combinations of activity in each HRG;](#)

supplementary tables explain the activity codes used, and show the most common combinations overall. Activity codes are not the sole factor in determining HRG, so a combination may appear in different levels.

[Table PCCMDS3 shows the number of activities recorded for a child in one day.](#)

[Table PCCMDS4 shows the outcome broken down by initial HRG.](#)

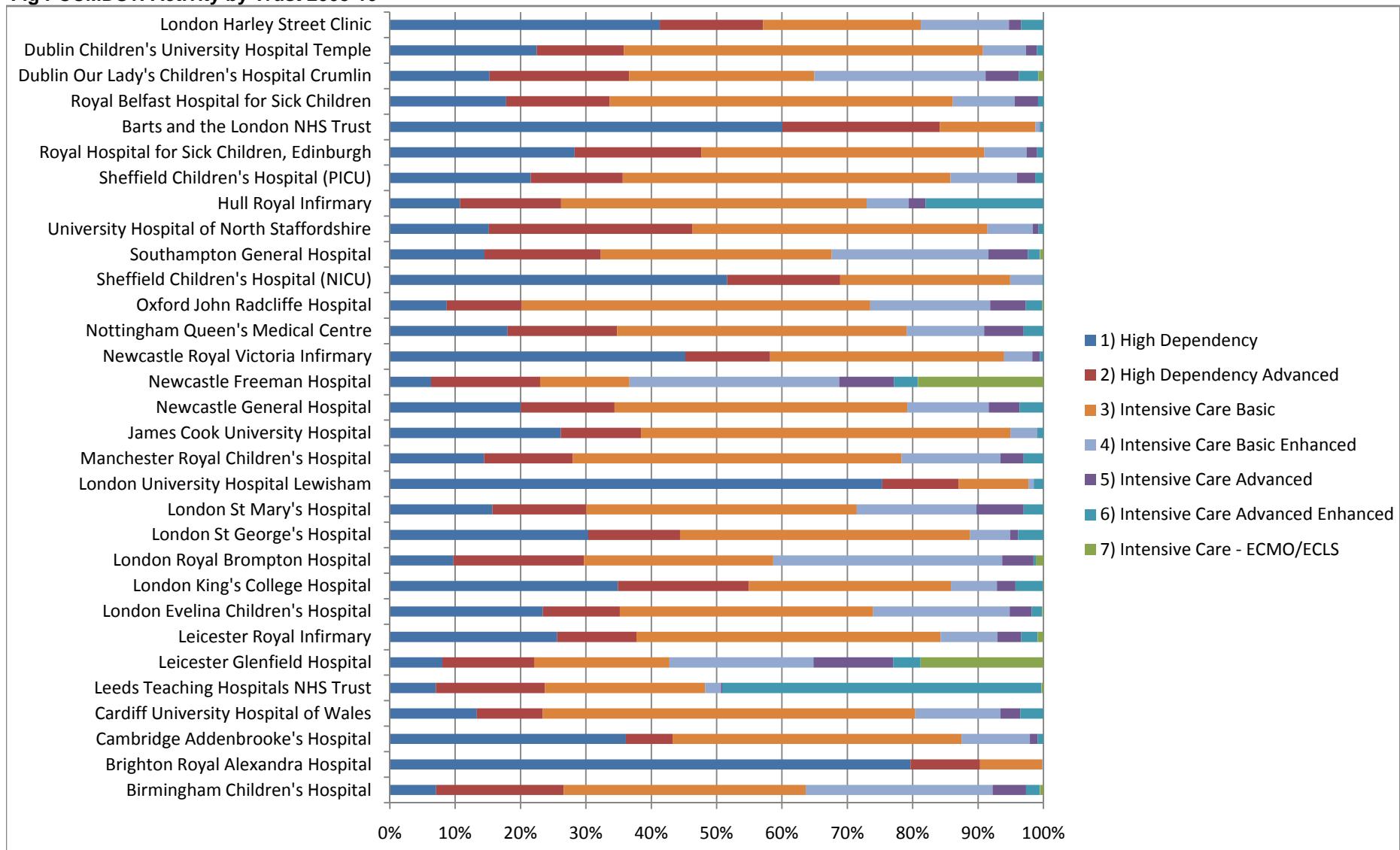
The total here is the number of admissions for which PCCMDS data is available.

### Reference

The Casemix Service. HRG4 2010/11 Local Payment Grouper User Manual.

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**Fig PCCMDS1: Activity by Trust 2008-10**



**Table PCCMDS1 : daily HRG activity**

<b>Code</b>	<b>HRG</b>	<b>Freq.</b>	<b>Percent</b>
UZ01Z	Unable to group	5,874	2.67
XB07Z	High Dep.	43,380	19.73
XB06Z	High Dep. Adv.	34,772	15.82
XB05Z	Int. Care Basic	79,428	36.13
XB04Z	Int. Care Bas. Enh.	34,481	15.68
XB03Z	Int. Care Adv.	7,937	3.61
XB02Z	Int. Care Adv. Enh.	11,178	5.08
XB01Z	Int. Care ECMO/ECLS	2,808	1.28
<b>Total</b>		<b>219,858</b>	<b>100</b>

**Table PCCMDS2: 5 most frequent combinations of activities, by HRG**

Code	hrg	Frequency Combination
All	Overall	18774 9/50/51/73/ 14444 50/73/ 13913 9/50/51/60/73/ 13511 6/9/50/51/60/62/73/ 12123 9/50/73/
UZ01Z	Unable to group	443 9/50/51/73/74/ 313 9/50/51/73/ 257 6/9/50/51/60/62/73/74/ 241 50/73/74/ 238 9/13/50/52/73/74/
XB07Z	High Dependency	14312 50/73/ 11967 9/50/73/ 4030 73/ 1374 9/50/73/74/ 1245 99/
XB06Z	High Dep. Adv.	7047 9/50/53/73/ 2099 9/50/60/73/ 1949 50/60/73/ 1890 9/50/60/62/73/ 1582 50/53/73/
XB05Z	Int. Care Basic	18334 9/50/51/73/ 13644 9/50/51/60/73/ 7164 9/50/51/60/62/73/ 4491 9/13/50/52/73/ 2603 9/50/51/73/74/
XB04Z	Int. Care Bas. Enh.	12425 6/9/50/51/60/62/73/ 2530 6/9/50/51/60/73/ 2089 6/9/50/51/62/73/ 1600 6/9/50/51/73/ 1505 6/9/50/51/60/61/62/73/
XB03Z	Int. Care Adv.	916 6/9/50/51/60/62/73/ 493 5/6/9/50/51/60/62/73/ 397 6/9/16/50/51/60/62/73/ 303 6/9/50/51/60/62/73/74/ 299 6/9/50/51/56/60/62/73/
XB02Z	Int. Care Adv. Enh.	1392 6/9/50/51/60/62/63/73/ 787 6/50/51/60/62/63/73/ 405 9/50/51/63/73/ 404 50/51/63/73/ 375 9/50/51/60/62/63/73/
XB01Z	Int. Care ECMO/ECLS	300 6/9/50/51/60/62/65/73/ 112 6/9/16/50/51/60/62/65/73/ 106 6/9/50/51/60/65/73/ 105 9/50/51/60/62/65/73/ 87 6/9/50/51/60/62/63/65/73/

NB Some combinations are listed as 'unable to group' because diagnostic codes are not recognised.  
On the other hand some of those listed as 'high dependency' would now be classed as 'not critical care'

**Table PC2b total number of combination**

Code	HRG	No of combinations
UZ01Z	Unable to group	459
XB07Z	High Dep.	178
XB06Z	High Dep. Adv.	926
XB05Z	Int. Care Basic	800
XB04Z	Int. Care Bas. Enh.	793
XB03Z	Int. Care Adv.	629
XB02Z	Int. Care Adv. Enh.	849
XB01Z	Int. Care ECMO/ECLS	357
<b>Total</b>	<b>  </b>	<b>4,167</b>

**Table PC2c Activity code**

Code	Activity
6	Infusion of inotropes
9	Oxygen therapy
50	ECG
51	Inv vent:endo tube
53	Inv vent: trach.
60	Arterial line
62	CVP monitoring
63	Bolus of fluids
65	ECMO, VAD or Aortic pump
73	Pulse Oximetry
74	Cubicle

**Table PCCMDS3: Number of activities recorded by day**

Number of activities	Frequency	Percent
1	6168	2.8
2	19035	8.7
3	28869	13.1
4	47238	21.5
5	43544	19.8
6	30664	13.9
7	26366	12.0
8	12128	5.5
9	4106	1.9
10	1313	0.6
11	338	0.2
12	75	0.0
13	11	0.0
14	3	0.0
Total	219,858	100

Note that the program used does not record more than 20 activities/day

'Activity' includes "no critical care activity"

**Table PCCMDS4:Death rate by initial HRG**

<b>Code</b>	<b>First HRG</b>	<b>Alive</b>	<b>Died</b>	<b>Total</b>	<b>% mortality</b>
UZ01Z	Unable to group	505	24	529	4.5
XB07Z	High Dep.	9,011	44	9,055	0.5
XB06Z	High Dep. Adv.	5,283	100	5,383	1.9
XB05Z	Int. Care Basic	11,989	319	12,308	2.6
XB04Z	Int. Care Bas. Enh.	6,003	464	6,467	7.2
XB03Z	Int. Care Adv.	509	160	669	23.9
XB02Z	Int. Care Adv. Enh.	2,690	379	3,069	12.3
XB01Z	Int. Care ECMO/ECLS	177	49	226	21.7
<b>Total</b>		<b>36,167</b>	<b>1,539</b>	<b>37,706</b>	<b>4.1</b>

## Data Quality Report 2008-10

This report on data quality comprises 2 parts: a report on the validation visits carried out by two members of the PICANet team to PICUs, where data entered on PICANet records is compared with that in notes of a sample of patients, and a central report on the completeness of the information held on the PICANet server.

### **Unit Validation Visits**

Between September 2010 and March 2011 eighteen PICUs have received validation visits: thirteen by a single observer and five visits by two observers. One unit received their first validation after joining PICANet in 2010.

At each visit the units are asked to provide 10 sets of case notes for consecutive admissions before a specified date three months prior to the visit. Ideally 100% of the records should be available and Table DQ1 shows that this was achieved in 17 of the 18 units visited with a range of 9-12 admissions reviewed. In two units the records for 12 admissions were reviewed; in these cases the same child had been discharged and readmitted to PICU within the specified time period creating two PICANet admission records.

Twenty-four fields were examined for discrepancies between the case notes and the PICANet data collection forms and/or PICANet database. The total number of discrepancies found was 392 and the mean per episode per set of case notes reviewed 2.01 (range 0-9). This is an overall discrepancy rate of 8.4% per field. The number of discrepancies found during each visit is shown in Table DQ1.

The validation visits enable an assessment of data accuracy to be carried out and assists with the detection of systematic errors. In total 195 sets of admission notes have been reviewed on the day of the visits. The number of discrepancies found per episode (set of admission notes reviewed on the day of the visits) is shown in Figure DQ1. In Table DQ2 it can be seen that no differences were found in around 26% of the case notes reviewed. The maximum number of differences found were 9 in one set of notes, 45.5% contain zero or one difference and around 52% contain two to six differences. The overall discrepancy rate per field from this cohort of validation visits was 8.4% compared with 9.6% noted during validation visits undertaken from September 2009 to May 2010 and 8.2% during validation visits undertaken from November 2007-May 2009.

Sources of discrepancies shown in figure DQ2 reveal that errors were most notable in physiology variables associated with the Paediatric Index of Mortality 2 (PIM 2); admission criteria and the recording of the provision and number of days of invasive and non-invasive ventilation recorded for daily interventions.

Most discrepancies 56% (221), involved data items used to calculate PIM2, especially base excess, systolic blood pressure, FiO<sub>2</sub> and PaO<sub>2</sub>, which together account for 37% (144) of the total differences found and 65% of the PIM2 discrepancies. Many of these discrepancies are due to earlier values being found on review of retrieval notes or results being recorded from an incorrect blood gas sample. PIM2 records the first value measured and recorded within the period, from the time of first contact with the PICU doctor to one hour after admission to PICU. Only arterial blood gas measurements are acceptable for the PaO<sub>2</sub> and for the base excess, arterial or capillary blood gas measurements measured within the specified period are required.

Discrepancies 24% (95) found in admission criteria relate to source information from the time period prior to and at admission to PICU; notably previous ICU admission (21), which specifies that the child has had a previous admission to an intensive care environment, ICU, PICU or NICU during the current hospital stay, and the care area admitted from immediately before admission to PICU (21). Also information about the retrieval: specifying whether the child was transferred to the unit by a retrieval team (8) and which type of retrieval team transported the child (19).

The days of ventilation (invasive and non-invasive), recorded as part of the Paediatric Critical Care Minimum Data Set (PCCMDS), are counted. Incorrect recording of days of ventilation accounted for 7.4% (29) of the total discrepancies found, compared with 18% recorded in the PICANet Annual Report 2007-2009. This shows an improvement in the accuracy of counting the days of ventilation. If the admission receives the specified type of ventilatory support, invasive or non-invasive, at any time during the 24 hour period from 00.00 to 23.59; one day of ventilation should be recorded on the PCCMDS record. Therefore the admission may be recorded as receiving both invasive and non-invasive support during the same 24 hour period.

During the validation visit the numbers of admissions per month, recorded in the PICU admission record are counted independently to identify any differences between this record and the number of admissions recorded on the PICANet database. The unit are asked to scrutinise any differences identified to ensure that all admissions to the PICU are submitted to PICANet.

Table DQ3 shows the result of the count, for a twelve month period prior to the validation visit, in 15 of the 18 units visited. For three units the number of PICU admissions could not be specifically identified from the admission book or equivalent record and counted for a complete twelve month period.

At the time of the validation visit seven units had a difference of greater than 100 admissions (possible cases not submitted to PICANet DE). Eight units had a difference of less than 100, of which five had less than 10 and two of these five had nil differences. Both of the units with nil differences export from unit clinical information systems direct to PICANet DE.

Review of the PICANet admission record in June 2011 showed eleven units had less than 10 differences and four units greater than 10 differences (range 41-73). Therefore following the validation visit many of the differences identified had been resolved, with additional cases submitted; facilitating completeness of data collection for all admissions to PICU.

Relevant findings from the validation process are discussed with PICU staff at the time of the visit and a written report is returned to the unit facilitating internal assessment of the findings.

## Data Quality Report

### ***Central validation***

This section of the data quality report deals with the data as recorded on the PICANet server and is concerned only with whether the data is complete and valid, not with whether it is correct. It should also be noted that a missing value is often valid, and is classed as such in these tables. Therefore this report may overstate data. Table DQ3 shows a very high level of valid recording for almost all fields, close to 100% in most cases. Table DQ4 shows that this remains constant over time, whereas Table DQ5 shows some variation between Recording of NHS number is now over 90% (Table DQ7, Fig DQ4), excluding those units for whom it does not. The NHS number provides a unique identifier which links repeat admissions to PICU and also permits linkage to other datasets such as Hospital Episode Statistics (HES), permitting longer term follow up of children admitted to Tables DQ3 and DQ8, and Fig DQ5, also show that 30- day follow up is poorly recorded, with considerable variation between Trusts. This is widely regarded in the NHS as an important outcome and units should

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[Fig DQ5 Completeness for 30- day follow up by Trust](#)

**Table DQ1 Number of case-notes reviewed, visit date and number of discrepancies noted during validation visits performed September 2010-March 2011**

Date visited		PICU ID	No. of sets of notes	No. of discrepancies
Month	Year			
<b>Sept</b>	<b>2010</b>	18	10	18
		9	10	25
		27	10	23
		1	10	23
<b>Oct</b>		6	12	26
<b>Nov</b>		15	10	22
		34	11	29
		23	10	16
<b>Dec</b>		33	10	17
<b>Jan</b>	<b>2011</b>	25	10	7
		29	10	9
		28	9	20
<b>Feb</b>		11	21	34
		31	10	20
		8	11	30
		26	11	21
		2	10	35
<b>Mar</b>		37	10	17

Table DQ2 number of discrepancies noted per set of admission notes

Number of discrepancies	Frequency	Percent
0	50	25.6
1	39	20
2	47	24.1
3	21	10.8
4	14	7.2
5	13	6.7
6	6	3.1
7	2	1
8	2	1
9	1	0.5
<b>Total</b>	<b>195</b>	<b>100</b>

Figure DQ1 Number of discrepancies per set of admission notes reviewed.

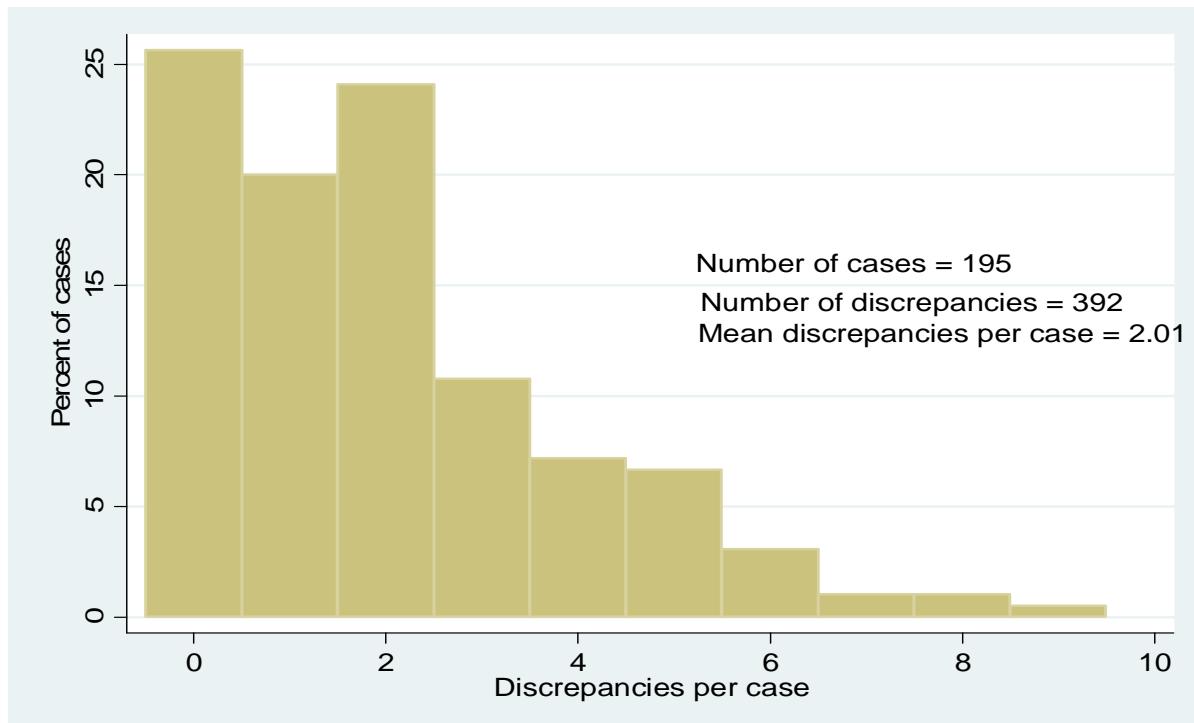


Figure DQ2 Number of discrepancies found by category.

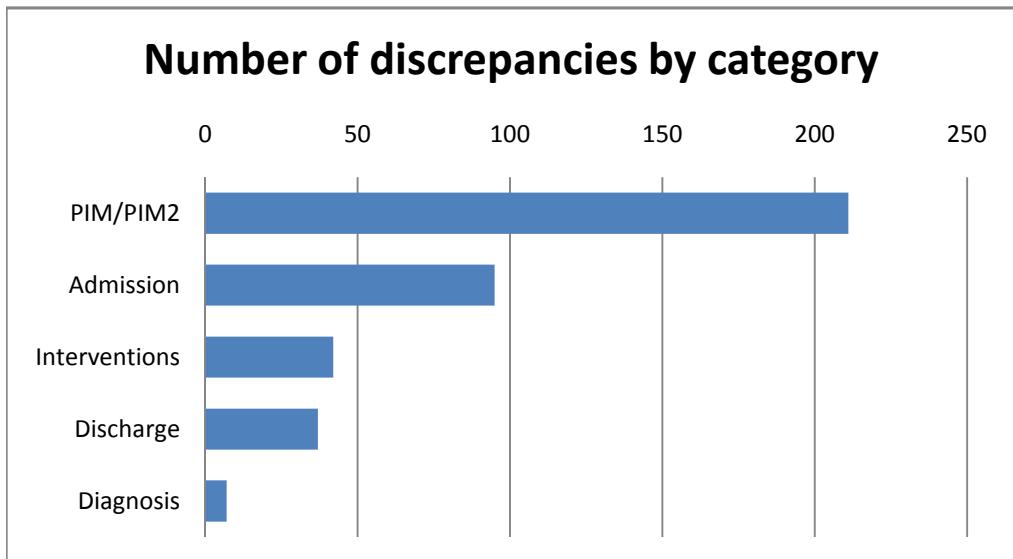
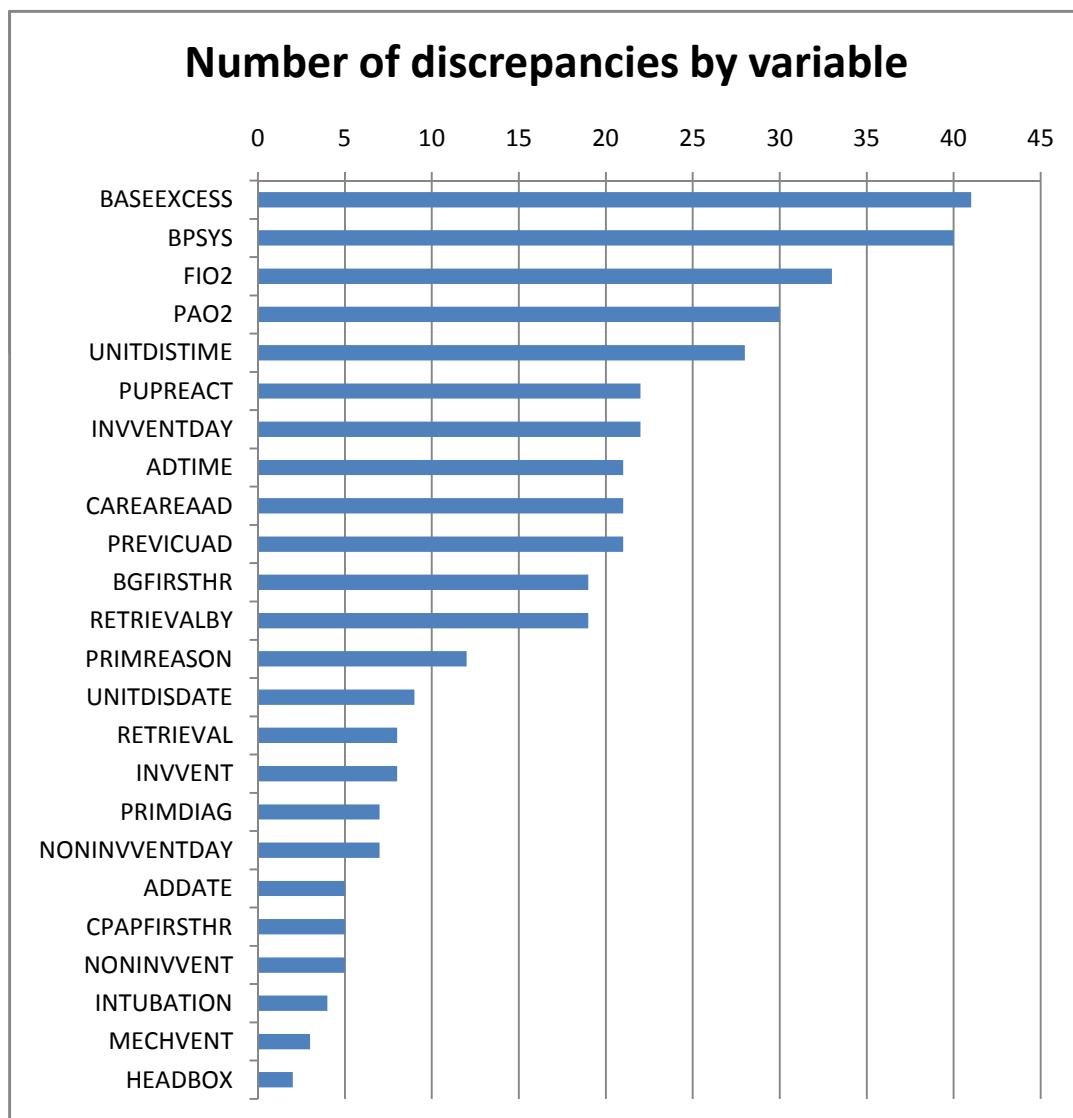


Figure DQ3 Number of discrepancies found by variable.



**Table DQ3 Differences in admission count between unit's admission book and number submitted to PICANet DE**

	<i>Number of differences</i>		
	< 10	10-100	>100
<b>Validation visit</b>	5	3	7
<b>June 2011</b>	11	4	0

**Table DQ4: Data completeness by item, 2008-10**

FIELD	Eligible	Complete				Total	Incomplete				Total
		Valid		Exceptions			n	%	n	%	
ADDATE	53635	53635	(100.0)	0	(0.0)	53635	(100.0)	0	(0.0)	0	(0.0)
ADDRESS1	52616	52611	(100.0)	0	(0.0)	52611	(100.0)	0	(0.0)	5	(0.0)
ADNO	53635	53632	(100.0)	0	(0.0)	53632	(100.0)	0	(0.0)	3	(0.0)
ADTIME	53635	53569	(99.9)	0	(0.0)	53569	(99.9)	0	(0.0)	66	(0.1)
ADTYPE	53635	53493	(99.7)	92	(0.2)	53585	(99.9)	0	(0.0)	50	(0.1)
APDIAG	53635	53635	(100.0)	0	(0.0)	53635	(100.0)	0	(0.0)	0	(0.0)
BASEEXCESS	35793	33532	(93.7)	2235	(6.2)	35767	(99.9)	0	(0.0)	26	(0.1)
BGFIRSTHR	53635	53028	(98.9)	421	(0.8)	53449	(99.7)	0	(0.0)	186	(0.3)
BPSYS	53635	47880	(89.3)	5488	(10.2)	53368	(99.5)	0	(0.0)	267	(0.5)
CAREAREAAD	52984	52059	(98.3)	908	(1.7)	52967	(100.0)	0	(0.0)	17	(0.0)
CASENO	53635	53634	(100.0)	0	(0.0)	53634	(100.0)	0	(0.0)	1	(0.0)
DELORDER	2371	2276	(96.0)	87	(3.7)	2363	(99.7)	0	(0.0)	8	(0.3)
DISPALCARE	51378	50332	(98.0)	1046	(2.0)	51378	(100.0)	0	(0.0)	0	(0.0)
DOB	53608	53605	(100.0)	0	(0.0)	53605	(100.0)	0	(0.0)	3	(0.0)
DOBEST	53635	53609	(100.0)	0	(0.0)	53609	(100.0)	0	(0.0)	26	(0.0)
DOD	2743	2716	(99.0)	0	(0.0)	2716	(99.0)	0	(0.0)	27	(1.0)
ECMO	53635	53202	(99.2)	19	(0.0)	53221	(99.2)	0	(0.0)	414	(0.8)
ETHNIC	53635	53605	(99.9)	0	(0.0)	53605	(99.9)	0	(0.0)	30	(0.1)
FAMILYNAME	53635	53607	(99.9)	0	(0.0)	53607	(99.9)	0	(0.0)	28	(0.1)
FIO2	35793	31051	(86.8)	4695	(13.1)	35746	(99.9)	0	(0.0)	47	(0.1)
FIRSTNAME	53635	53606	(99.9)	0	(0.0)	53606	(99.9)	0	(0.0)	29	(0.1)
FU30DISSTATUS	49408	25143	(50.9)	24011	(48.6)	49154	(99.5)	0	(0.0)	254	(0.5)
FU30LOCATION	24731	20546	(83.1)	3929	(15.9)	24475	(99.0)	0	(0.0)	256	(1.0)
FU30LOCHOSP	4028	3882	(96.4)	107	(2.7)	3989	(99.0)	0	(0.0)	39	(1.0)
GEST	30688	22649	(73.8)	7989	(26.0)	30638	(99.8)	0	(0.0)	50	(0.2)
HEADBOX	35793	35148	(98.2)	626	(1.7)	35774	(99.9)	0	(0.0)	19	(0.1)
ICPDEVICE	53635	53198	(99.2)	22	(0.0)	53220	(99.2)	0	(0.0)	415	(0.8)
INTTRACHEOSTOMY	53635	53015	(98.8)	213	(0.4)	53228	(99.2)	0	(0.0)	407	(0.8)
INTUBATION	35793	35554	(99.3)	220	(0.6)	35774	(99.9)	0	(0.0)	19	(0.1)
INTUBEVER	53635	53635	(100.0)	0	(0.0)	53635	(100.0)	0	(0.0)	0	(0.0)
INVVENT	53620	53195	(99.2)	25	(0.0)	53220	(99.3)	0	(0.0)	400	(0.7)
INVVENTDAY	34994	34991	(100.0)	0	(0.0)	34991	(100.0)	0	(0.0)	3	(0.0)
LVAD	53635	53204	(99.2)	17	(0.0)	53221	(99.2)	0	(0.0)	414	(0.8)
MECHVENT	53635	52894	(98.6)	568	(1.1)	53462	(99.7)	0	(0.0)	173	(0.3)
MEDHISTEVID	53635	52898	(98.6)	579	(1.1)	53477	(99.7)	0	(0.0)	158	(0.3)
MULT	53635	43513	(81.1)	10016	(18.7)	53529	(99.8)	0	(0.0)	106	(0.2)
NHSNO	53635	47552	(88.7)	394	(0.7)	47946	(89.4)	0	(0.0)	5689	(10.6)
NONINVVENT	53635	53195	(99.2)	25	(0.0)	53220	(99.2)	0	(0.0)	415	(0.8)
NONINVVENTDAY	8042	8042	(100.0)	0	(0.0)	8042	(100.0)	0	(0.0)	0	(0.0)
PAO2	35793	27752	(77.5)	8022	(22.4)	35774	(99.9)	0	(0.0)	19	(0.1)
POSTCODE	53635	53589	(99.9)	0	(0.0)	53589	(99.9)	0	(0.0)	46	(0.1)
PREVICUAD	53635	52738	(98.3)	843	(1.6)	53581	(99.9)	0	(0.0)	54	(0.1)
PRIMDIAG	53635	53425	(99.6)	0	(0.0)	53425	(99.6)	0	(0.0)	210	(0.4)
PRIMREASON	53635	53290	(99.4)	182	(0.3)	53472	(99.7)	0	(0.0)	163	(0.3)
PUPREACT	53635	50179	(93.6)	3263	(6.1)	53442	(99.6)	0	(0.0)	193	(0.4)
RENALSUPPORT	53635	53200	(99.2)	24	(0.0)	53224	(99.2)	0	(0.0)	411	(0.8)
RETRIEVAL	53635	53327	(99.4)	251	(0.5)	53578	(99.9)	0	(0.0)	57	(0.1)
RETRIEVALBY	17429	17334	(99.5)	94	(0.5)	17428	(100.0)	0	(0.0)	1	(0.0)
SEX	53635	53598	(99.9)	30	(0.1)	53628	(100.0)	0	(0.0)	7	(0.0)
SOURCEAD	53635	53544	(99.8)	45	(0.1)	53589	(99.9)	0	(0.0)	46	(0.1)
TIMEDTH	2235	2230	(99.8)	0	(0.0)	2230	(99.8)	0	(0.0)	5	(0.2)
UNITDISDATE	53620	53614	(100.0)	0	(0.0)	53614	(100.0)	0	(0.0)	6	(0.0)
UNITDISDEST	51378	51335	(99.9)	38	(0.1)	51373	(100.0)	0	(0.0)	5	(0.0)
UNITDISDESTHOSP	49453	45692	(92.4)	3758	(7.6)	49450	(100.0)	0	(0.0)	3	(0.0)
UNITDISSTATUS	53635	53613	(100.0)	7	(0.0)	53620	(100.0)	0	(0.0)	15	(0.0)
UNITDISTIME	53620	53524	(99.8)	0	(0.0)	53524	(99.8)	0	(0.0)	96	(0.2)
VASOACTIVE	53635	53202	(99.2)	19	(0.0)	53221	(99.2)	0	(0.0)	414	(0.8)
Total	2597866	2505757	(96.5)	80308	(3.1)	2586065	(99.5)	0	(0.0)	11801	(0.5)

**Table DQ5: Data completeness by year and month, 2008-10**

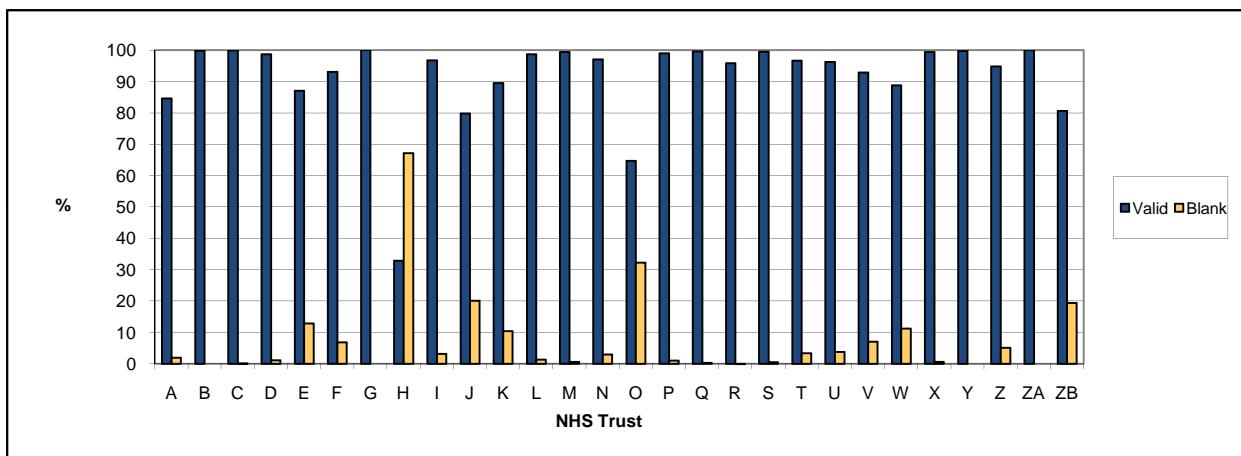
Year	Month	Eligible	Completion											
			Complete				Total		Incomplete					
			Valid		Exceptions		n	%	n	%	n	%		
<b>2008</b>	1	<b>71546</b>	69193	(96.7)	2250	(3.1)	<b>71443</b>	<b>(99.9)</b>	0	(0.0)	103	(0.1)	<b>103</b>	<b>(0.1)</b>
	2	<b>61428</b>	59303	(96.5)	2042	(3.3)	<b>61345</b>	<b>(99.9)</b>	0	(0.0)	83	(0.1)	<b>83</b>	<b>(0.1)</b>
	3	<b>66198</b>	63935	(96.6)	2170	(3.3)	<b>66105</b>	<b>(99.9)</b>	0	(0.0)	93	(0.1)	<b>93</b>	<b>(0.1)</b>
	4	<b>65420</b>	63184	(96.6)	2126	(3.2)	<b>65310</b>	<b>(99.8)</b>	0	(0.0)	110	(0.2)	<b>110</b>	<b>(0.2)</b>
	5	<b>66022</b>	63767	(96.6)	2143	(3.2)	<b>65910</b>	<b>(99.8)</b>	0	(0.0)	112	(0.2)	<b>112</b>	<b>(0.2)</b>
	6	<b>64907</b>	62682	(96.6)	2121	(3.3)	<b>64803</b>	<b>(99.8)</b>	0	(0.0)	104	(0.2)	<b>104</b>	<b>(0.2)</b>
	7	<b>67380</b>	65148	(96.7)	2106	(3.1)	<b>67254</b>	<b>(99.8)</b>	0	(0.0)	126	(0.2)	<b>126</b>	<b>(0.2)</b>
	8	<b>64517</b>	62320	(96.6)	2070	(3.2)	<b>64390</b>	<b>(99.8)</b>	0	(0.0)	127	(0.2)	<b>127</b>	<b>(0.2)</b>
	9	<b>64589</b>	62384	(96.6)	2083	(3.2)	<b>64467</b>	<b>(99.8)</b>	0	(0.0)	122	(0.2)	<b>122</b>	<b>(0.2)</b>
	10	<b>72332</b>	70037	(96.8)	2167	(3.0)	<b>72204</b>	<b>(99.8)</b>	0	(0.0)	128	(0.2)	<b>128</b>	<b>(0.2)</b>
	11	<b>72142</b>	69740	(96.7)	2265	(3.1)	<b>72005</b>	<b>(99.8)</b>	0	(0.0)	137	(0.2)	<b>137</b>	<b>(0.2)</b>
	12	<b>74078</b>	71590	(96.6)	2360	(3.2)	<b>73950</b>	<b>(99.8)</b>	0	(0.0)	128	(0.2)	<b>128</b>	<b>(0.2)</b>
	<b>2008 Total</b>	<b>810559</b>	<b>783283</b>	<b>(96.6)</b>	<b>25903</b>	<b>(3.2)</b>	<b>809186</b>	<b>(99.8)</b>	<b>0</b>	<b>(0.0)</b>	<b>1373</b>	<b>(0.2)</b>	<b>1373</b>	<b>(0.2)</b>
<b>2009</b>	1	<b>72202</b>	69733	(96.6)	2338	(3.2)	<b>72071</b>	<b>(99.8)</b>	0	(0.0)	131	(0.2)	<b>131</b>	<b>(0.2)</b>
	2	<b>63432</b>	61328	(96.7)	1990	(3.1)	<b>63318</b>	<b>(99.8)</b>	0	(0.0)	114	(0.2)	<b>114</b>	<b>(0.2)</b>
	3	<b>72747</b>	70336	(96.7)	2270	(3.1)	<b>72606</b>	<b>(99.8)</b>	0	(0.0)	141	(0.2)	<b>141</b>	<b>(0.2)</b>
	4	<b>66095</b>	63767	(96.5)	2093	(3.2)	<b>65860</b>	<b>(99.6)</b>	0	(0.0)	235	(0.4)	<b>235</b>	<b>(0.4)</b>
	5	<b>67753</b>	65325	(96.4)	2064	(3.0)	<b>67389</b>	<b>(99.5)</b>	0	(0.0)	364	(0.5)	<b>364</b>	<b>(0.5)</b>
	6	<b>70369</b>	67864	(96.4)	2151	(3.1)	<b>70015</b>	<b>(99.5)</b>	0	(0.0)	354	(0.5)	<b>354</b>	<b>(0.5)</b>
	7	<b>68441</b>	66051	(96.5)	2175	(3.2)	<b>68226</b>	<b>(99.7)</b>	0	(0.0)	215	(0.3)	<b>215</b>	<b>(0.3)</b>
	8	<b>63101</b>	60993	(96.7)	1952	(3.1)	<b>62945</b>	<b>(99.8)</b>	0	(0.0)	156	(0.2)	<b>156</b>	<b>(0.2)</b>
	9	<b>73271</b>	70881	(96.7)	2258	(3.1)	<b>73139</b>	<b>(99.8)</b>	0	(0.0)	132	(0.2)	<b>132</b>	<b>(0.2)</b>
	10	<b>73528</b>	71099	(96.7)	2292	(3.1)	<b>73391</b>	<b>(99.8)</b>	0	(0.0)	137	(0.2)	<b>137</b>	<b>(0.2)</b>
	11	<b>78045</b>	75356	(96.6)	2356	(3.0)	<b>77712</b>	<b>(99.6)</b>	0	(0.0)	333	(0.4)	<b>333</b>	<b>(0.4)</b>
	12	<b>82644</b>	79743	(96.5)	2489	(3.0)	<b>82232</b>	<b>(99.5)</b>	0	(0.0)	412	(0.5)	<b>412</b>	<b>(0.5)</b>
	<b>2009 Total</b>	<b>851628</b>	<b>822476</b>	<b>(96.6)</b>	<b>26428</b>	<b>(3.1)</b>	<b>848904</b>	<b>(99.7)</b>	<b>0</b>	<b>(0.0)</b>	<b>2724</b>	<b>(0.3)</b>	<b>2724</b>	<b>(0.3)</b>
<b>2010</b>	1	<b>80722</b>	77510	(96.0)	2387	(3.0)	<b>79897</b>	<b>(99.0)</b>	0	(0.0)	825	(1.0)	<b>825</b>	<b>(1.0)</b>
	2	<b>70557</b>	67692	(95.9)	2047	(2.9)	<b>69739</b>	<b>(98.8)</b>	0	(0.0)	818	(1.2)	<b>818</b>	<b>(1.2)</b>
	3	<b>81553</b>	78130	(95.8)	2511	(3.1)	<b>80641</b>	<b>(98.9)</b>	0	(0.0)	912	(1.1)	<b>912</b>	<b>(1.1)</b>
	4	<b>76411</b>	73260	(95.9)	2286	(3.0)	<b>75546</b>	<b>(98.9)</b>	0	(0.0)	865	(1.1)	<b>865</b>	<b>(1.1)</b>
	5	<b>74494</b>	71796	(96.4)	2340	(3.1)	<b>74136</b>	<b>(99.5)</b>	0	(0.0)	358	(0.5)	<b>358</b>	<b>(0.5)</b>
	6	<b>76551</b>	74041	(96.7)	2206	(2.9)	<b>76247</b>	<b>(99.6)</b>	0	(0.0)	304	(0.4)	<b>304</b>	<b>(0.4)</b>
	7	<b>75818</b>	73062	(96.4)	2302	(3.0)	<b>75364</b>	<b>(99.4)</b>	0	(0.0)	454	(0.6)	<b>454</b>	<b>(0.6)</b>
	8	<b>69211</b>	66691	(96.4)	1984	(2.9)	<b>68675</b>	<b>(99.2)</b>	0	(0.0)	536	(0.8)	<b>536</b>	<b>(0.8)</b>
	9	<b>75713</b>	72926	(96.3)	2248	(3.0)	<b>75174</b>	<b>(99.3)</b>	0	(0.0)	539	(0.7)	<b>539</b>	<b>(0.7)</b>
	10	<b>78523</b>	75643	(96.3)	2273	(2.9)	<b>77916</b>	<b>(99.2)</b>	0	(0.0)	607	(0.8)	<b>607</b>	<b>(0.8)</b>
	11	<b>85127</b>	81815	(96.1)	2535	(3.0)	<b>84350</b>	<b>(99.1)</b>	0	(0.0)	777	(0.9)	<b>777</b>	<b>(0.9)</b>
	12	<b>90999</b>	87432	(96.1)	2858	(3.1)	<b>90290</b>	<b>(99.2)</b>	0	(0.0)	709	(0.8)	<b>709</b>	<b>(0.8)</b>
	<b>2010 Total</b>	<b>935679</b>	<b>899998</b>	<b>(96.2)</b>	<b>27977</b>	<b>(3.0)</b>	<b>927975</b>	<b>(99.2)</b>	<b>0</b>	<b>(0.0)</b>	<b>7704</b>	<b>(0.8)</b>	<b>7704</b>	<b>(0.8)</b>
	<b>Total</b>	<b>2597866</b>	<b>2505757</b>	<b>(96.5)</b>	<b>80308</b>	<b>(3.1)</b>	<b>2586065</b>	<b>(99.5)</b>	<b>0</b>	<b>(0.0)</b>	<b>11801</b>	<b>(0.5)</b>	<b>11801</b>	<b>(0.5)</b>

**Table DQ6: Data completeness by NHS Trust, 2008-10**

trustID	Eligible	Complete				Incomplete				Total	
		Valid		Exceptions		Total		Invalid		Blank	
		n	%	n	%	n	%	n	%	n	%
A	73971	68008	(91.9)	5852	(7.9)	73860	(99.8)	0	(0.0)	111	(0.2)
B	55732	52883	(94.9)	2849	(5.1)	55732	(100.0)	0	(0.0)	0	(0.0)
C	45771	45614	(99.7)	156	(0.3)	45770	(100.0)	0	(0.0)	1	(0.0)
D	102359	100982	(98.7)	1206	(1.2)	102188	(99.8)	0	(0.0)	171	(0.2)
E	242532	234186	(96.6)	7690	(3.2)	241876	(99.7)	0	(0.0)	656	(0.3)
F	172831	164711	(95.3)	7869	(4.6)	172580	(99.9)	0	(0.0)	251	(0.1)
G	5017	4938	(98.4)	79	(1.6)	5017	(100.0)	0	(0.0)	0	(0.0)
H	75764	71431	(94.3)	3265	(4.3)	74696	(98.6)	0	(0.0)	1068	(1.4)
I	119329	118049	(98.9)	1188	(1.0)	119237	(99.9)	0	(0.0)	92	(0.1)
J	14971	14439	(96.4)	262	(1.8)	14701	(98.2)	0	(0.0)	270	(1.8)
K	134712	130132	(96.6)	4276	(3.2)	134408	(99.8)	0	(0.0)	304	(0.2)
L	48944	48209	(98.5)	702	(1.4)	48911	(99.9)	0	(0.0)	33	(0.1)
M	55676	54196	(97.3)	1449	(2.6)	55645	(99.9)	0	(0.0)	31	(0.1)
N	44118	42730	(96.9)	1348	(3.1)	44078	(99.9)	0	(0.0)	40	(0.1)
O	102367	97351	(95.1)	4354	(4.3)	101705	(99.4)	0	(0.0)	662	(0.6)
P	169900	166070	(97.7)	3763	(2.2)	169833	(100.0)	0	(0.0)	67	(0.0)
Q	76003	73587	(96.8)	1688	(2.2)	75275	(99.0)	0	(0.0)	728	(1.0)
R	120440	119583	(99.3)	856	(0.7)	120439	(100.0)	0	(0.0)	1	(0.0)
S	27492	26791	(97.5)	699	(2.5)	27490	(100.0)	0	(0.0)	2	(0.0)
T	70964	67241	(94.8)	3645	(5.1)	70886	(99.9)	0	(0.0)	78	(0.1)
U	48859	46897	(96.0)	1912	(3.9)	48809	(99.9)	0	(0.0)	50	(0.1)
V	184351	176304	(95.6)	7771	(4.2)	184075	(99.9)	0	(0.0)	276	(0.1)
W	101625	93124	(91.6)	6016	(5.9)	99140	(97.6)	0	(0.0)	2485	(2.4)
X	113089	109327	(96.7)	3639	(3.2)	112966	(99.9)	0	(0.0)	123	(0.1)
Y	68113	67041	(98.4)	921	(1.4)	67962	(99.8)	0	(0.0)	151	(0.2)
Z	53245	50437	(94.7)	2745	(5.2)	53182	(99.9)	0	(0.0)	63	(0.1)
ZA	133197	129956	(97.6)	3104	(2.3)	133060	(99.9)	0	(0.0)	137	(0.1)
ZB	58007	55570	(95.8)	105	(0.2)	55675	(96.0)	0	(0.0)	2332	(4.0)
ZC	48729	47583	(97.6)	148	(0.3)	47731	(98.0)	0	(0.0)	998	(2.0)
ZD	24211	23020	(95.1)	695	(2.9)	23715	(98.0)	0	(0.0)	496	(2.0)
ZE	5547	5367	(96.8)	56	(1.0)	5423	(97.8)	0	(0.0)	124	(2.2)
<b>Grand Total</b>	<b>2597866</b>	2505757	(96.5)	80308	(3.1)	<b>2586065</b>	(99.5)	0	(0.0)	11801	(0.5)
										<b>11801</b>	<b>(0.5)</b>

**Table DQ7: Completeness for NHS number by NHS Trust**

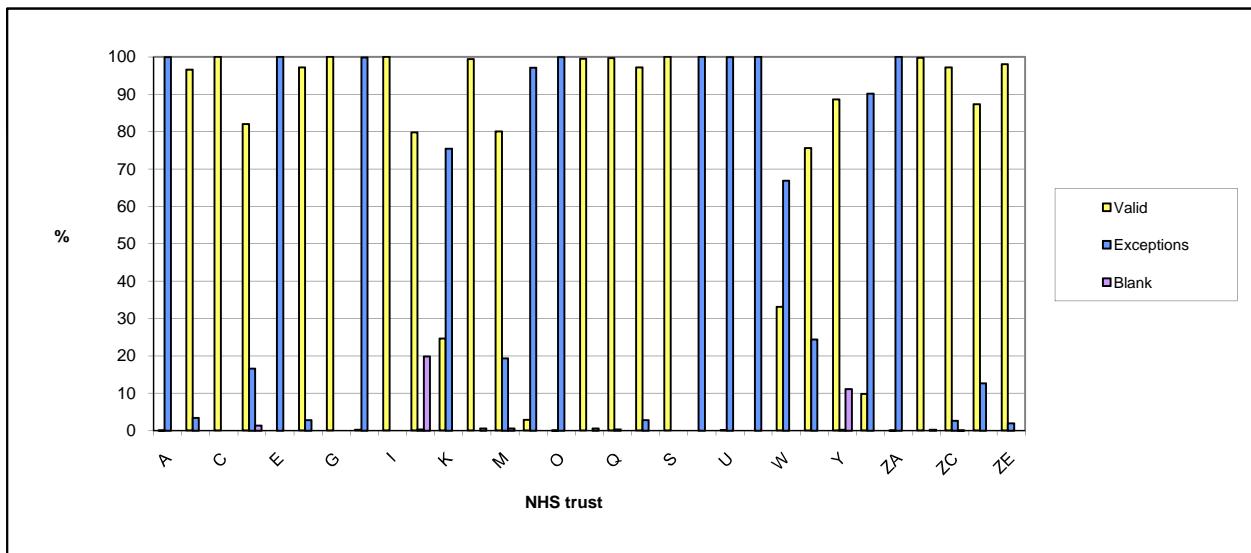
NHS Trust	Eligible	Valid		Blank	
		n	%	n	%
A	1610	1362	(84.6)	32	(2.0)
B	1256	1253	(99.8)	0	(0.0)
C	916	915	(99.9)	1	(0.1)
D	2126	2098	(98.7)	24	(1.1)
E	4958	4317	(87.1)	641	(12.9)
F	3540	3296	(93.1)	244	(6.9)
G	104	104	(100.0)	0	(0.0)
H	1588	522	(32.9)	1066	(67.1)
I	2432	2353	(96.8)	79	(3.2)
J	327	261	(79.8)	66	(20.2)
K	2809	2514	(89.5)	292	(10.4)
L	1028	1014	(98.6)	14	(1.4)
M	1138	1131	(99.4)	7	(0.6)
N	900	873	(97.0)	27	(3.0)
O	2052	1328	(64.7)	662	(32.3)
P	3445	3409	(99.0)	36	(1.0)
Q	1580	1574	(99.6)	5	(0.3)
R	2431	2330	(95.8)	1	(0.0)
S	587	584	(99.5)	3	(0.5)
T	1493	1442	(96.6)	51	(3.4)
U	977	940	(96.2)	37	(3.8)
V	3733	3467	(92.9)	266	(7.1)
W	2056	1825	(88.8)	231	(11.2)
X	2333	2318	(99.4)	15	(0.6)
Y	1404	1399	(99.6)	0	(0.0)
Z	1178	1117	(94.8)	61	(5.2)
ZA	2839	2839	(100.0)	0	(0.0)
ZB	1194	962	(80.6)	232	(19.4)
Total	52034	47547	(91.4)	4093	(7.9)

**Fig DQ4: Completeness for NHS number by NHS Trust**

**Table DQ8: Completeness for 30 day follow- up by NHS Trust**

NHS trust	Eligible	Valid		Exceptions		Blank	
		n	%	n	%	n	%
A	1392	1	(0.1)	1391	(99.9)	0	(0.0)
B	895	864	(96.5)	31	(3.5)	0	(0.0)
C	879	879	(100.0)	0	(0.0)	0	(0.0)
D	1979	1623	(82.0)	329	(16.6)	27	(1.4)
E	4606	0	(0.0)	4606	(100.0)	0	(0.0)
F	3322	3228	(97.2)	94	(2.8)	0	(0.0)
G	92	92	(100.0)	0	(0.0)	0	(0.0)
H	1459	3	(0.2)	1456	(99.8)	0	(0.0)
I	2226	2226	(100.0)	0	(0.0)	0	(0.0)
J	307	245	(79.8)	1	(0.3)	61	(19.9)
K	2663	655	(24.6)	2008	(75.4)	0	(0.0)
L	786	781	(99.4)	0	(0.0)	5	(0.6)
M	1063	851	(80.1)	206	(19.4)	6	(0.6)
N	836	24	(2.9)	812	(97.1)	0	(0.0)
O	1999	1	(0.1)	1998	(99.9)	0	(0.0)
P	3234	3216	(99.4)	0	(0.0)	18	(0.6)
Q	1464	1459	(99.7)	5	(0.3)	0	(0.0)
R	2324	2258	(97.2)	66	(2.8)	0	(0.0)
S	507	507	(100.0)	0	(0.0)	0	(0.0)
T	1325	0	(0.0)	1325	(100.0)	0	(0.0)
U	881	1	(0.1)	880	(99.9)	0	(0.0)
V	3456	0	(0.0)	3456	(100.0)	0	(0.0)
W	1906	631	(33.1)	1275	(66.9)	0	(0.0)
X	2234	1689	(75.6)	545	(24.4)	0	(0.0)
Y	1344	1191	(88.6)	3	(0.2)	150	(11.2)
Z	874	86	(9.8)	788	(90.2)	0	(0.0)
ZA	2738	1	(0.0)	2737	(100.0)	0	(0.0)
ZB	1122	1119	(99.7)	0	(0.0)	3	(0.3)
ZC	928	902	(97.2)	25	(2.7)	1	(0.1)
ZD	465	406	(87.3)	59	(12.7)	0	(0.0)
ZE	100	98	(98.0)	2	(2.0)	0	(0.0)
Total	49406	25037	(50.7)	24098	(48.8)	271	(0.5)

**Fig DQ5: Completeness for 30 day follow- up by NHS Trust**



## Staffing Tables

[Table S1 Response rates from Trusts to Staffing Survey](#)

[Table S2 Response from Trusts to snapshot survey](#)

[Table S3 Nursing staff Oct 2005](#)

[Table S4 Nursing staff Dec 2009](#)

[Table S5 Nursing staff Nov 2010](#)

[Table S6 Medical staff Dec 2009](#)

[Table S7 Medical staff Nov 2010](#)

**Table S1 Response rate from participating NHS trusts to the PICANet staffing survey**

Time of survey	of trusts s	Number of returns			
		Doctors		Nurses	
		n	%	n	%
Oct-05	25	20 <sup>a</sup>	80	24 <sup>c</sup>	96
Dec-09	29	25 <sup>b</sup>	86	26 <sup>d</sup>	89
Nov-10	30	34	100	35	100

Notes: a no data returned from trusts F, G, L, N, Y.

b no data returned from trusts B, I, ZC and hospital K2

c no data returned from trust G

d no data returned from trusts B, T,

**Table S2** Response rate from participating NHS trusts to the daily snapshot surveys

Time of survey	Number of trusts surveyed	Number of returns	
		n	%
Oct-05	25	23e	92
Dec-09	29	27f	93
Nov-10	30	30	100

Notes:

e

no data returned from trusts G, P. Nursing data only from trust A.

f

no data returned from trust B.

**Table S3 Numbers of nursing staff (WTE) by grade and NHS trust (October 2005)**

NHS trust	Nursing staff (WTE) by grade (Oct 05)						Total	
	A-C (1-4)		D-E (5)		F-I (6-8)			
	n	%	n	%	n	%	n	%
A	0.0	(0)	25.1	(58)	18.5	(42)	43.6	(2.5)
B	0.0	(0)	4.4	(52)	4.0	(48)	8.4	(0.5)
C	1.0	(2)	32.7	(71)	12.3	(27)	46.0	(2.7)
D	2.6	(3)	59.4	(61)	35.3	(36)	97.2	(5.7)
E	6.6	(3)	136.7	(64)	68.6	(32)	212.0	(12.4)
F	4.4	(4)	66.1	(60)	39.3	(36)	109.8	(6.4)
H	3.5	(9)	21.9	(58)	12.4	(33)	37.8	(2.2)
I	10.1	(8)	67.2	(56)	43.0	(36)	120.3	(7.0)
J	0.0	(0)	2.0	(33)	4.1	(67)	6.1	(0.4)
K	9.3	(8)	71.3	(65)	29.6	(27)	110.2	(6.4)
L	4.0	(9)	29.7	(69)	9.3	(22)	43.0	(2.5)
M	2.2	(5)	28.1	(58)	18.5	(38)	48.9	(2.8)
N	1.0	(2)	23.8	(53)	20.1	(45)	44.9	(2.6)
O	2.0	(4)	35.3	(63)	18.4	(33)	55.7	(3.2)
P	3.0	(2)	99.4	(72)	36.5	(26)	138.8	(8.1)
Q	3.4	(5)	36.9	(59)	22.5	(36)	62.8	(3.7)
R	3.2	(5)	45.4	(70)	16.5	(25)	65.1	(3.8)
S	0.8	(3)	5.0	(20)	19.5	(77)	25.3	(1.5)
T	5.2	(15)	17.4	(50)	12.5	(36)	35.0	(2.0)
U	1.0	(3)	16.4	(43)	20.7	(54)	38.1	(2.2)
V	5.0	(4)	72.0	(62)	38.6	(33)	115.6	(6.7)
W	1.0	(1)	73.6	(75)	24.0	(24)	98.6	(5.7)
X	8.1	(10)	43.8	(56)	26.3	(34)	78.2	(4.6)
Y	4.4	(6)	51.7	(69)	18.7	(25)	74.7	(4.4)
<b>Total</b>	<b>81.8</b>	<b>(4.8)</b>	<b>1065.1</b>	<b>(62.1)</b>	<b>569.1</b>	<b>(33.2)</b>	<b>1716.0</b>	

NHS Trust	Nursing staff (WTE) by grade (Dec 09)												
	Band 2-4		Band 5		Band 6		Band 7		BAND 8 Modern Matron		Total	% of all units	Band 8 other
	n	%	n	%	n	%	n	%	n	%			
A	0	0	22.3	54	11.8	28	6.6	16	1	2	41.7	1.9	0
C	1.8	4	13.8	31	23.8	54	3.5	8	1	2	43.9	2	0
D	0	0	77.3	73	19	18	8.5	8	1	1	105.8	4.9	5
E1	1	1	65.7	49	45.6	34	20.4	15	1	1	133.8	6.2	0
E2	4	4	37	41	38.5	42	10	11	1.8	2	91.3	4.3	1
F	6	5	63.6	51	34.7	28	20.5	16	1	1	125.8	5.9	1
G	1.8	8	18.1	76	1.6	7	1.3	5	1	4	23.8	1.1	0
H	6	11	25	45	16.8	30	7	13	1	2	55.8	2.6	0
I	0	0	50.3	62	17.7	22	12.6	15	1	1	81.6	3.8	0
K1,3	9.4	13	49.8	70	10.8	15	0.7	1	0	0	70.7	3.3	1
K2	0	0	42.2	77	6.7	12	5.9	11	0	0	54.8	2.6	0
L	2.6	7	12.1	31	18.1	46	5.7	14	1	3	39.4	1.8	0
M	0	0	22.8	56	9.7	24	8.1	20	0	0	40.6	1.9	0
N	0.5	1	20.5	52	11.2	28	7	18	0	0	39.2	1.8	0
O	3.4	10	16.8	51	8.9	27	3	9	1	3	33.1	1.5	1
P	8.9	6	107.3	68	29.3	19	11.4	7	1	1	157.8	7.4	3
Q1	0	0	12	44	9.5	35	5.6	21	0	0	27	1.3	0
Q2	5	6	33	40	36	44	6.8	8	1	1	81.8	3.8	1
R	2.6	4	50.4	68	11.6	16	8.2	11	1	1	73.8	3.4	0
S	1.8	7	11.3	41	13.5	49	1	4	0	0	27.6	1.3	0
U	0	0	13	31	18.6	45	8.9	21	1	2	41.5	1.9	0
V	3.1	2	118.7	73	25.6	16	15.3	9	1	1	163.7	7.6	0
W	3	3	81.4	77	11.4	11	8.4	8	1	1	105.1	4.9	0
X1	0	0	25.9	65	7.6	19	5.7	14	0.5	1	39.7	1.9	0
X2	1.9	5	23.3	66	6.4	18	3.6	10	0.3	1	35.5	1.7	0
Y	5.2	6	60.1	68	15.4	17	7.2	8	1	1	88.9	4.1	0
Z	2.5	9	10.3	37	9.8	35	4.6	16	1	4	28.3	1.3	0
ZA	8	7	83	69	18	15	10	8	1	1	120	5.6	3
ZB	2	4	38.2	79	5.6	12	2.7	6	0	0	48.5	2.3	0
ZC	0	0	105.5	86	0	0	16	13	1	1	122.5	5.7	0
Total	80.5	5%	1310.7	60%	493	23%	236.1	11%	22.6	1%	2142.9	16	

Table S5 Numbers of nursing staff (WTE) by band and NHS trust in post November 2010

NHS Trust (Units)	Band 2-4		Band 5		Band 6		Band 7		Band 8 Modern Matron		Total establishment		Band 7 other	Band 8 other
	n	%	n	%	n	%	n	%	n	%	Total	% of all units		
A	3.2	6	31.6	57	12.1	22	7.6	14	1.0	2	55.5	2.3	0	0
B	0.0	0	13.1	64	6.3	31	1.0	5	0.0	0	20.3	0.8	0	0
C	1.2	3	13.8	31	26.4	59	3.0	7	0.0	0	44.3	1.8	0	0
D	0.0	0	93.4	76	20.4	17	7.9	6	1.0	1	122.7	5.0	3	2
E1	1.0	1	62.8	52	38.5	32	16.5	14	2.9	2	121.7	5.0	0	0
E2	2.0	2	41.0	43	42.0	44	9.2	10	1.0	1	95.2	3.9	0	0
F	6.0	5	57.3	46	36.9	30	22.8	18	1.0	1	124.0	5.1	3	1
G	8.6	8	85.0	76	9.4	8	7.8	7	1.0	1	111.7	4.6	0	0
H	6.7	13	23.6	45	16.4	31	4.5	9	1.0	2	52.2	2.1	0	0
I	6.4	6	65.9	67	13.4	14	12.0	12	1.0	1	98.7	4.0	0	0
K2	0.0	0	41.3	74	6.5	12	7.2	13	1.0	2	55.9	2.3	0	0
K3	2.9	4	49.6	68	12.5	17	7.4	10	0.7	1	73.2	3.0	0	0
L	4.4	9	16.7	36	18.4	40	5.7	12	1.0	2	46.2	1.9	0	0
M	0.0	0	23.4	57	10.9	26	7.1	17	0.0	0	41.3	1.7	0	0
N	0.0	0	16.7	50	11.4	34	4.6	14	1.0	3	33.7	1.4	0	0
O	2.5	4	35.2	53	19.2	29	8.2	12	1.0	2	66.1	2.7	2	0
P	0.0	0	94.6	70	33.6	25	7.2	5	0.0	0	135.4	5.5	0	3
Q1	0.0	0	10.0	40	8.9	36	5.9	24	0.0	0	24.8	1.0	0	0
Q2	7.0	7	44.1	46	32.6	34	11.0	11	2.0	2	96.8	4.0	0	1
R	2.8	3	65.6	72	13.7	15	7.5	8	1.0	1	90.5	3.7	0	0
S	1.2	4	9.8	35	14.9	53	2.0	7	0.0	0	27.9	1.1	0	0
T	4.5	11	21.9	52	12.0	29	2.6	6	1.0	2	42.0	1.7	1	0.6
U	0.0	0	10.8	28	17.9	45	9.7	25	1.0	3	39.4	1.6	0	0
V	5.2	3	121.0	73	24.7	15	11.5	7	3.0	2	165.4	6.8	2	0
W	2.0	2	77.4	79	11.0	11	6.1	6	1.0	1	97.6	4.0	0	1
X1	0.0	0	22.9	63	7.5	20	5.2	14	1.0	3	36.6	1.5	0	0
X2	1.9	5	24.2	64	7.4	20	3.6	9	0.8	2	37.9	1.6	0	0
Y	6.2	7	54.4	65	14.2	17	8.2	10	1.0	1	83.0	3.4	2	0
Z	0.0	0	10.4	45	6.4	28	5.4	23	1.0	4	23.2	0.9	0	0
ZA	7.8	6	82.3	67	22.2	18	9.7	8	1.0	1	123.0	5.0	0	1
ZB	2.0	4	37.9	79	5.4	11	2.7	6	0.0	0	48.0	2.0	0	0
ZC	0.0	0	107.5	91	0.0	0	10.0	8	0.9	1	118.4	4.9	0	0
ZD	0.0	0	44.1	86	0.0	0	7.0	14	0.0	0	51.1	2.1	0	0
ZE	2.0	6	24.0	67	4.0	11	6.0	17	0.0	0	36.0	1.5	0	0
<b>TOTAL</b>	<b>87.4</b>	3.6	<b>1533.5</b>	62.8	<b>536.6</b>	22.0	<b>253.7</b>	10.4	<b>29.3</b>	1.2	<b>2440.6</b>	100	<b>13</b>	<b>9.6</b>

**Table S6 Numbers of medical staff (WTE) by position and unit (December 2009)**

NHS Trust	Junior (FY1-2, ST1-3)		Middle Grade (ST4-8)		Paediatric Consultant Intensivists		Other Consultants		Total establishment by unit
	n	%	n	%	n	%	n	%	n
A	0	0	8	64	4	32	0.5	4	12.5
C	4	33	1	8	7	58	0	0	12
D	0	0	7	47	8	53	0	0	15
E1	0	0	23.5	75	8	25	0	0	31.5
E2	0	0	10	61	6	36	0.5	3	16.5
F	0	0	17.4	69	6	24	2	8	25.4
G	12	40	8	27	1	3	9	30	30
H	0.5	4	6	46	5.5	42	1	8	13
K1	0	0	7	70	2	20	1	10	10
K2	1	13	2	26	2.6	34	2	26	7.6
L	0	0	7	58	5	42	0	0	12
M	6	38	5	31	5	31	0	0	16
N	0	0	9	47	5	26	5	26	19
O	8	62	0	0	5	38	0	0	13
P	0	0	16	73	5.5	25	0.5	2	22
Q1	9	41	7	32	0	0	6	27	22
Q2	3	18	7	41	7	41	0	0	17
R	4.6	30	4.6	30	6	39	0	0	15.2
S	0	0	7.5	37	0	0	12.6	63	20.1
T	2	14	9	65	2.2	16	0.7	5	13.9
U	10	47	5.5	26	5.3	25	0.5	2	21.3
V	0	0	12	46	14	54	0	0	26
W	3	13	12.8	56	3.8	17	3.3	14	22.8
X1	5	48	2	19	3.5	33	0	0	10.5
X2	2	36	0	0	3.5	64	0	0	5.5
Y	1	7	6	40	1	7	7	47	15
Z	0	0	7	70	3	30	0	0	10
ZA	3	14	9	43	8	38	1	5	21
ZB	2	37	0	0	0	0	3.4	63	5.4
<b>TOTAL</b>	<b>76.1</b>	16	<b>216.3</b>	45	<b>132.9</b>	27	<b>56</b>	12	<b>481.2</b>

**Table S7 Numbers of medical staff (WTE) by position and unit (November 2010)**

NHS Trust (Units)	Junior (FY1-2, St 1-3)		Middle Grade (St 4-8)		Paed. Cons. Intensivists		Other Cons.		Total establishme nt by unit
	n	%	n	%	n	%	n	%	
A	0.0	0.0	8.0	64.0	4.5	36.0	0.0	0.0	12.5
B	0.0	0.0	4.0	93.0	0.0	0.0	0.3	7.0	4.3
C	0.0	0.0	4.0	38.1	6.5	61.9	0.0	0.0	10.5
D	0.0	0.0	10.0	55.6	8.0	44.4	0.0	0.0	18.0
E1	0.0	0.0	15.0	58.8	7.5	29.4	3.0	11.8	25.5
E2	0.0	0.0	9.0	58.1	6.0	38.7	0.5	3.2	15.5
F	1.0	4.1	15.1	62.7	8.0	33.2	0.0	0.0	24.1
G	7.0	27.5	11.0	43.1	1.5	5.9	6.0	23.5	25.5
H	1.0	5.6	10.0	56.5	5.8	32.8	0.9	5.1	17.7
I	5.0	27.0	8.0	43.2	5.5	29.7	0.0	0.0	18.5
K2	0.0	0.0	7.0	46.4	4.0	26.5	4.1	27.2	15.1
K3	0.0	0.0	8.0	64.5	3.0	24.2	1.4	11.3	12.4
L	0.0	0.0	7.5	62.5	4.0	33.3	0.5	4.2	12.0
M	6.0	37.5	5.0	31.3	5.0	31.3	0.0	0.0	16.0
N	0.0	0.0	9.0	54.5	5.5	33.3	2.0	12.1	16.5
O	9.0	46.2	5.5	28.2	5.0	25.6	0.0	0.0	19.5
P	0.0	0.0	15.6	70.6	6.5	29.4	0.0	0.0	22.1
Q1	12.0	48.0	7.0	28.0	0.0	0.0	6.0	24.0	25.0
Q2	4.0	25.0	6.0	37.5	6.0	37.5	0.0	0.0	16.0
R	5.0	24.2	6.0	29.0	6.7	32.4	3.0	14.5	20.7
S	4.0	16.0	8.0	32.0	0.0	0.0	13.0	52.0	25.0
T	1.0	12.8	2.0	25.6	4.8	61.5	0.0	0.0	7.8
U	5.0	25.9	9.0	46.6	4.8	24.9	0.5	2.6	19.3
V	0.0	0.0	11.0	50.0	10.0	45.5	1.0	4.5	22.0
W	2.0	9.3	12.6	58.3	3.7	17.1	3.3	15.3	21.6
X1	0.0	0.0	7.0	46.7	8.0	53.3	0.0	0.0	15.0
X2	2.0	15.4	2.0	15.4	8.0	61.5	1.0	7.7	13.0
Y	0.0	0.0	8.0	53.3	2.0	13.3	5.0	33.3	15.0
Z	0.0	0.0	7.0	63.6	3.0	27.3	1.0	9.1	11.0
ZA	2.6	11.5	8.0	35.4	9.0	39.8	3.0	13.3	22.6
ZB	2.0	29.7	1.0	14.8	0.0	0.0	3.7	55.5	6.7
ZC	1.0	5.6	7.0	38.9	1.0	5.6	9.0	50.0	18.0
ZD	6.0	29.3	6.0	29.3	2.0	9.8	6.5	31.7	20.5
ZE	0.0	0.0	3.0	28.6	3.5	33.3	4.0	38.1	10.5
<b>TOTAL</b>	<b>75.6</b>	<b>13.1</b>	<b>262.3</b>	<b>45.6</b>	<b>158.8</b>	<b>27.6</b>	<b>78.7</b>	<b>13.7</b>	<b>575.4</b>

Research posts have been recorded as 50% clinical hours

Trust G is a 10 bedded ICU with 2 designated PIC beds

Trust T also have 3 physician assistants

Trust N, P, X1, X2 have on call support from additional Consultant Anaethetists.

Units X1 & X2 Paediatric Consultant Intensivists work across 2 sites in trust

Unit ZE has 3 ST 4-8 doctors contracted for employment and up to 8 additional middle grade locums employed on PICU.

Trust P have Associate Nurse Practitioners working on the me