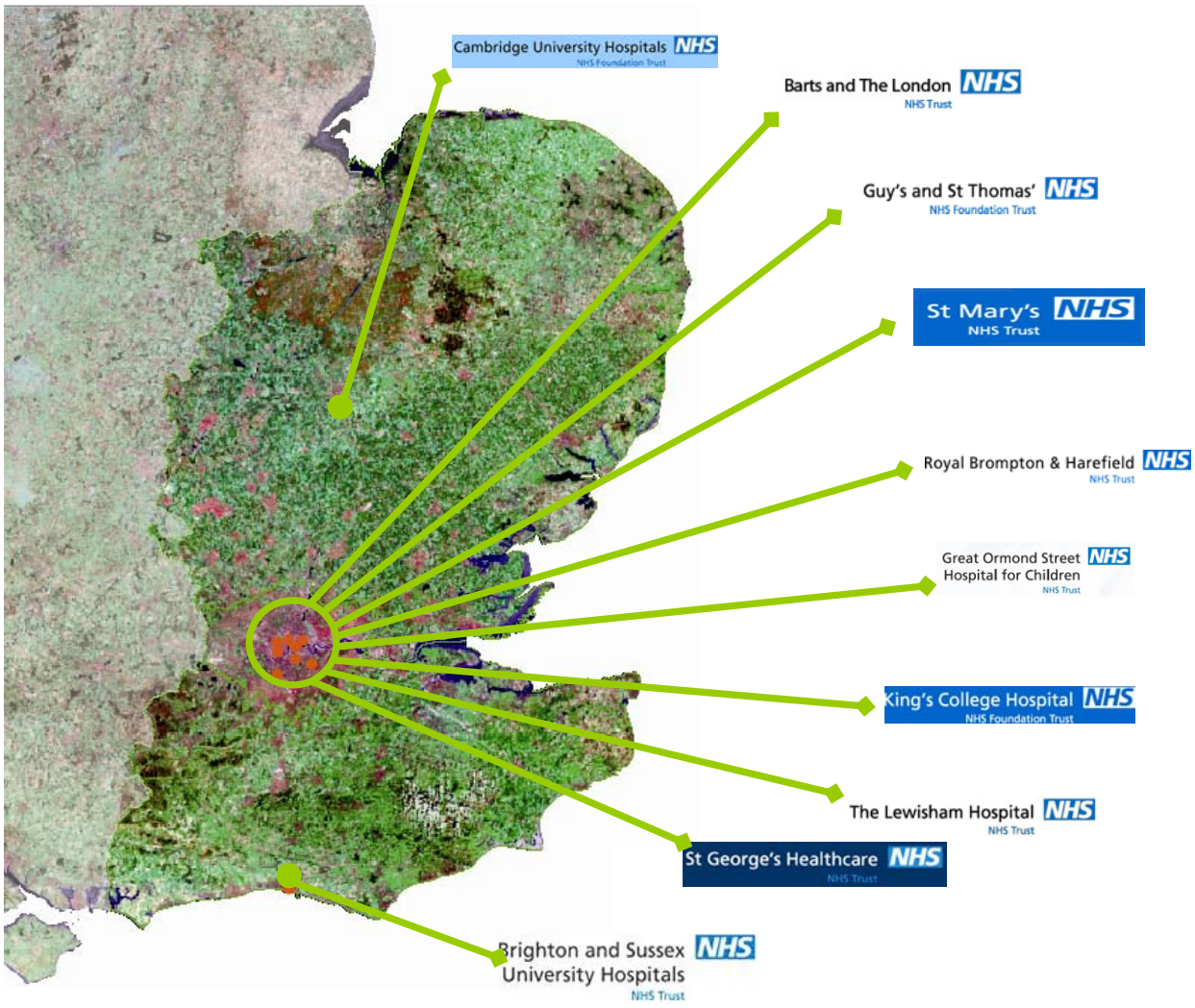
Pan Thames Report of the Paediatric Intensive Care Audit Network

January 2006 – December 2008



Compiled by:

Krishnan Thiru

Pan Thames PICANet Co-ordinator

PICANet Team

Adrian Ashley

Elizabeth Draper

Caroline Lamming

Patricia McKinney

Philip McShane

Roger Parslow

Andrew Shearing

KEY FOR PAN THAMES UNITS

NHS Trust	Participating Hospital	Trust ID	Unit N^{o}
Cambridge University Hospitals NHS Foundation Trust	Addenbrooke's Hospital	A	4
Brighton & Sussex University Hospitals NHS Trust	Royal Alexandra Hospital for Sick Children	B	2
Great Ormond Street Hospital NHS Trust	Great Ormond Street Hospital for Children	E	11
Guy's & St. Thomas' NHS Foundation Trust	Evelina Children's Hospital	F	12
King's College Hospital NHS Trust*	King's College Hospital	H	13
Royal Brompton & Harefield NHS Trust	Royal Brompton Hospital	O	14
St. George's Healthcare NHS Trust	St. George's Hospital	T	15
St. Mary's NHS Trust	St. Mary's Hospital	U	16
The Lewisham Hospital NHS Trust	University Hospital, Lewisham	J	17
Barts and Royal London NHS Trust	The Royal London Hospital, Whitechapel	Z	32

*In this report Unit H was found to present an inflated Standardised Mortality Rates SMR (Table 49).

In line with the concerns regarding the inflated SMRs, efforts were made to review and account for the increase.

A detailed review of clinical records, PICANet data collection and local electronic system interfaces enabled substantial improvements in data quality to be achieved during 2009. The analysis of the revised data showed a significant reduction in the SMR of this unit. The resulting SMRs and experience gained from the ensuing data review will be published in the PICANet reports for 2010, to be published in June 2010.

1 ACKNOWLEDGEMENTS

This report would not have been possible without the commitment and efforts of all members of the Pan Thames paediatric intensive care (PIC) community who contribute data to PICANet. [Appendix A].

The Paediatric Intensive Care Society (PICS), the PICANet Clinical Advisory Group (CAG) [Appendix B], and the PICANet Steering Group (SG) [Appendix C] are thanked for their continued support, advice and direction in developing PICANet.

This report builds on the work of the PICANet Team who are thanked for ensuring the availability of standardised, accurate and timely region wide data on PICU activity.

We are grateful to those individuals leading specific areas of work within the Pan Thames region for their continued support and steering of regional PICU workstreams.

All collaborators who advised on the content of this report are thanked for their input.

Finally, clinicians, service managers, finance and commissioning teams, Trusts, Primary Care Trusts (PCTs), Commissioning Services London (CSL) and the pan Thames PICU Clinical Advisory Group are thanked for their steering of regional workstream developments.

2 FOREWORD

As chair of the newly formed pan Thames Clinical Advisory Group it is with great pleasure I write this foreword for the regional PICANet Report.

This report represents three years of data collection by our PICU colleagues and provides a wealth of detail on PICU activity across the region. The report enables informed strategic planning of services but more importantly it provides an extensively quality assured and statistically stringent tool to monitor service quality, both in-house and bench marked across the region.

The service provided by the PICANet academic teams, and funded by Healthcare Quality Improvement Partnership (HQIP) and regional bodies including the pan Thames PICU Commissioning Consortium, provides an invaluable service to the clinical and commissioning collective.

Within the context of recent regional developments, the coming year proposes to be one of substantial change including the introduction of the Paediatric Critical Care Minimum Data Set, the imminent arrival of a web based PICANet data collection system and the move to collect a standardised Retrievals Minimum Data Set. All units and PICANet partners will be under significant pressure to ensure that change is managed in a smooth and integrated manner.

We hope that ever closer collaboration between PICANet, the Clinical Community and Commissioners over the coming months will ensure that change is managed effectively.

We wish PICANet and the contributing PICU teams every success in their future use of PICU information for monitoring and improving PICU services across the region.

Dr. Duncan J. Macrae
Chair of the Pan Thames PICU Clinical Advisory Group
Director of Children's Services
and Consultant in Paediatric Intensive Care
Royal Brompton and Harefield NHS Foundation Trust
Sydney Street
LONDON SW3 6NP

3 EXECUTIVE SUMMARY

1. This is the Fifth Annual Report for the Pan Thames Consortium of the Paediatric Intensive Care Network (PICANet) dataset. It aims to present summary results from the PICANet data specific to the needs of pan Thames region.
2. In this report the analytical section is prefaced by a Conclusions and Recommendations table tailored to the needs of pan Thames units and commissioning services.
3. PICANet is a clinical audit service for paediatric intensive care (PIC) activity in England and Wales. The specific objectives of PICANet are to identify best practice, monitor supply and demand, monitor and review outcomes of treatment episodes, facilitate strategic health care planning, quantify resource requirements and study the epidemiology of critical illness in children.
4. PICANet aggregates a core dataset from all member PICUs on a secure server in Leeds. Rigorous data quality procedures, incorporating iterative feedback loops between PICANet and participating Paediatric Intensive Care Units (PICUs) continue to ensure the dataset is of the highest quality.
5. PICANet is expanding the core dataset in response to changes in the infrastructure and funding streams of the NHS to include the Paediatric Critical Care Minimum Dataset (PCCMDS) to support Payment by Results and a minimum dataset for retrievals services. A web based data collection system is planned for April 2010 to support the new datasets and for storage of PICANet data on a remote server.
6. General Practices (GP Practice) Code is now being collected as part of the PCCMDS for designation of Primary Care Trusts and the identification of the responsible commissioner.
7. Ten out of the 32 PICUs contributing data to PICANet fall within the pan Thames region. A new pan Thames unit (Chelsea and Westminster NHS Trust) is now in the process of joining PICANet.
8. Although pan Thames PICUs have made considerable improvements in managing their PICANet data, some units continue to have difficulties in managing the process due to staff allocation and training. One unit was identified in 2008 to have Standardised Mortality Levels outside the acceptable confidence interval (CI). Although now back within the acceptable CI, this emphasis the significance of the quality of data submitted to PICANet. Substantial room for improvement continues to exist in the data submission frequency and data recording levels particularly of some physiological measurements, NHS Number and 30 day follow-up data.
9. Two groups of Pan Thames patients are identified in this report: (1) patients who attend Pan Thames PICUs and (2) patients who live in the Pan Thames region, but who attend other PICUs within the UK. This report focuses on patients who were treated in Pan Thames PICUs.
10. The Primary Care Trust and Strategic Health Authority (SHA) of the patients' residence at time of admission are determined via their residential postcode.

Prevalence of admissions to paediatric intensive care by SHA are mapped using population counts from the 2001 UK Census.

11. A total of 16,831 admissions occurred between 2006-2008 in the 10 pan Thames PICUs. Of these 16,494 admissions were for children under the age of 16 years. Pan Thames admitted 35.9% (16,494 /45,996) of all admissions aged under 16 years reported to PICANet.
12. Analysis of the 16,494 admissions to the pan Thames PICU units over the three year period indicate that while overall numbers continue to increase from 5217 in 2006 to 5766 in 2008. An increase of 10.5%.
13. This report details an inflow of 2159 and outflow 479 admissions between Pan Thames and Non Pan Thames regions. This indicates that 13.1% (2159/16494) of Pan Thames admissions were of outer regional patients.
14. Children under 1 year comprise 48.3% (7966/16,494) of all admissions, with an overall excess of boys (57.9%= 4611/7966).
15. The majority of admissions (58.8%=9699/16949) are unplanned.
16. Retrieval of, 83.3% (5286/6340) of children is by specialist paediatric intensive care teams, an increase by 5% from the last 3 year report.
17. Invasive ventilation procedures are recorded for 64% (10,662/16,494) of admissions. This has progressively decreased from 69.7% in 2006 to 61.2% in 2008 and varies by trust between 6% and 88% over the three years.
18. A total of 92,238 bed days were delivered between 2006 and 2008 within pan Thames. This represents 34.5% (92,238/267,386) of all bed days recorded in PICANet during the same period.
19. This report describes admission characteristics by length of stay (LoS) groups (<14 days, 14 - <28, 28 - <90 and 90+ days. Length of stay groups have been calculated to the minute and presented as numbers of admissions by LoS category and diagnostic group. Length of stay ranges from less than an hour (0.2%) to 7 days or longer (15.9%) of admissions.
20. Mortality levels continue to be stable, with 95.3% of children admitted to PICU being discharged alive. For 2006 - 2008 combined, no individual unit showed any excess risk-adjusted mortality.
21. The 16,494 admissions to Pan Thames PICUs during 2006 - 2008 were made by 12,046 children. Over 71.9% of these children were admitted on one occasion while. 1.2% percent of children have had more than 7 admissions.

4 CONCLUSIONS AND RECOMMENDATIONS

Conclusions 2008	2008 Recommendations	Progress update 2009	Conclusions 2009	Recommendations 2009
1. Data from Pan Thames Paediatric Intensive Care Audit Network (PICANet) units continues to enhance the monitoring of regional paediatric intensive care (PIC) activity and facilitate service planning.	The level of resources required to monitor the ability of units to collect and submit PICANet and PbR data needs to be clearly identified and included in the service level specifications for PICU providers.	Service Level Agreements have been included and implemented in local Commissioning Contracts to enhance data collection and data quality requirements.	**This is the 5th pan Thames PICANet Units Report.** **PIC units continue to provide valuable high quality data to PICANet for national audit, research and commissioning.** **This PICANet data stream now runs parallel to additional datasets used for pan Thames Commissioning.** **A minority of PICANet units (3) continue to have difficulty in regular submission of quality data to PICANet.**	**These recommendations focus attention on regional difficulties in data and information management.** **This should not however detract from the fact that most units in pan Thames continue to have excellent data management processes in place to meet their internal and external data flows.** **It is recommended that the pan Thames –PICU- Clinical Advisory Group (PTCAG) in collaboration with the Commissioning Consortium actively manages data requirements for the region through strengthening of its relationship with PICANet and the Commissioning Support for London (CSL)**
2. Although substantial improvements have been achieved during 2007 in data management, the quality of data collected and the level of data submission in some PICUs has scope for improvement.	Each provider unit should have two named individuals trained and responsible for data management.	Nine out of ten units have at least 2 named Leads responsible for data collection and quality assurance at each pan Thames PICU. One unit continues to have difficulties in 1) identifying and allocating responsibility for data management to a secondary data manager 2) securing support for further development of the local electronic patient record system so as to enable effective data management.	**All regional units continue to provide high quality data for annual reporting of PICU activity.**	**The Consortium congratulates all PICUs for their continued efforts in ensuring effective data collection and submission.** **It is recommended that the PTCAG and Consortium actively monitors and supports those units who face difficulties in data management.**

Conclusions 2008	2008 Recommendations	Progress update 2009	Conclusions 2009	Recommendations 2009
3. The NHS Number is a prerequisite for continued monitoring of patient care within the region.	Financial penalties to be applied for non submission of NHS Number as defined in the Service Level Agreement (SLA) in 2009.	NHS Number recording standards have been introduced within the SLA.	**NHS Number recording has improved for year 2008.** **NHS Number recording levels in pan Thames is overall poor in comparison to none pan Thames units.** **3 sites have particularly low NHS Number recording levels [(31%), (43%), (56%)].**	**It is recommended that:** **The regular feedback to units is provided on NHS Number recording levels through the PICANet Data Validation Reports.** **The Consortium is updated on a 6 monthly basis on data quality to identify and resolve any difficulties.**
4. Substantial improvements in NHS Number recoding levels have been achieved during the last year. Seven out of 10 units now have NHS Number recording levels over 80% for the latest year. A target NHS Number recording level of 95% is recommended by Connecting for Health and PICANet.	All PICUs aim to achieve at least 85% NHS Number recording for their admissions during 2009. The Pan Thames Health Informatics Group (PHiG) proactively monitors, promotes and minutes improvements in data quality across regional PICUs. Units should be encouraged to retrospectively collect missing NHS Numbers.	Although some improvements have been made during the year, 7 out 10 pan Thames units have less that 85% NHS Number recording levels. Missing NHS Numbers status is clouded by private patients or overseas patient status. NHS Number recoding levels Review of missing NHS Numbers has been undertaken i.e. review of overseas patient numbers, NHS recording levels by year.	**Significant improvements in NHS Number recording have occurred in the last 6 months.** **A number of units have substantial scope for improvement.**	**It is recommended that:** **NHS Number recoding levels are to be presented to the PTCAG and Commissioning Consortium regularly. The regional Information Management Group (formally PHiG), PTCAG and the Commissioning Consortium should actively monitor and manage recording levels.** **Retrospective NHS Number data quality is improved (from Jan 2006) and private patient status reported in the next regional report.** **The Consortium's overall data quality needs are reviewed and developed under the direction of PTCAG and Commissioning Consortium.**

Conclusions 2008	2008 Recommendations	Progress update 2009	Conclusions 2009	Recommendations 2009
5. The Department of Health specified the requirement for 30 day follow-up data on PICU patients. Although the Pan Thames PICU Consortium has endorsed the need for this data it continues to be poorly recorded.	Patient NHS Number is collected to ensure secondary data sources (e.g. Secondary User Services, Hospital Episodic Statistic) can be used to extract 30 day follow-up data.	Data linkage to gain 30 day follow up data has not been conducted due to the lack of access to regional patient identifiable data. Pan Thames ability to link and analyse regional data has not been possible due to Data Protection and data sharing issues. National Information Governance Board Application to access and manage regional patient identifiable data has been made.	**Greater emphasis needs to be given to retrospective NHS Number data to enable future data linkage proposals.** **A proposal for the integration for regional commissioning datasets have been made by the PTCAG and approved by the Consortium Management Group.**	**A Business Case is developed for regional PICU information management and approved by regional leads.**
6. The collection of the Paediatric Critical Care Minimum Data Set is a prerequisite for Payment by Results (PbR).	The Pan Thames Consortium will produce a framework for the collection, storage and analysis of PbR and PICANet data during 2009 -2010 in accordance with Section 60 requirements.	Seven out of 10 Trusts now submit PCCMDS to PICANet. Only one unit from pan Thames is currently submitting PCCMDS data to Secondary User Services (SUS).	**Following an Expert Working Group (sub) Meeting PICU representatives have been advised on how to collate and submit SUS data.**	**It is recommended that:** **All units are given continued support to submit data to SUS and provided with SUS feedback on data submission and quality.** **Data submission standards are developed in collaboration with PICANet and implemented via Consortium SLAs.**

Conclusions 2008	2008 Recommendations	Progress update 2009	Conclusions 2009	Recommendations 2009
7. Optimum data flows must be established preventing duplicate data collection and submissions.	A review of optimal data flows is conducted during 2009 for all units within Pan Thames.	The pan Thames Consortium will manage its data flows in line with The National Information Governance Board (NIGB) requirements to ensure data security and protection. System Level Security Policy for data has been developed. A project to centralise the wider PICU Specialised Services datasets for commissioning are under consideration. The information management requirements for pan Thames commissioning are to be reviewed by the London SCG PICU & HDU Review Group and the PTCAG.	**Difficulties in triangulating and validating pan Thames Commissioning data with PICANet data have resulted in the reorganisation of data flows within the region focused on commissioning needs.** **These changes are primarily due to difficulties in accessing data for in house purposes which Commissioners allocate funds to providers to collate.** **The standardisation and reorganisation of data flows in pan Thames for effective Commissioning is a first step towards establishing a framework to support the NHS Clinical Quality Agenda and World Class Commissioning.**	**It is recommended that:** **Collaborative links between PICUs via the PTCAG, PICANet, data management centres, commissioners and CSL should be formally detailed, approved and implemented to meet the information needs of pan Thames.** **The NIGB is fully informed and supportive of regional developments.** **Appropriate System Level Security Policies are developed as required in line with NIGB requirements.** **Units are updated on new Security Policies and Data Protection.** **New data management risks and responsibilities are formally reviewed and contracted for under SLAs.** **All regional PICU providers are represented via the PTCAG and that PICU staff are fully informed, supportive and actively involved in information management developments.** **PICANet is informed of regional requirements and new developments and the national PICANet process is supportive of regional data policies (i.e. through the web based PICANet System).** **The Information Management Working Group (formally PHiG) reviews and modifies its Terms of Reference in line with Provider and Commissioner needs.**

Conclusions 2008	2008 Recommendations	Progress update 2009	Conclusions 2009	Recommendations 2009
8. NHS commissioning arrangements are based on general practitioner (GP) location (or General Practice Code) which in turn define the host Primary Care Trusts. PCCMDS does not currently contain the General Practice Code but the data will be collected as part of a modified PICANet dataset.	General Practice Code is implemented within the PCCMDS via the Expert Working Group. All PICUs populate and validate GP Practice Codes within PAS in order that future reports are inline with commissioning requirements. Financial penalties will apply for non submission of General Practice Codes.	General Practice Code variable has been implemented in PICANet DE. Description statistics of data submitted on GP Practice Code has been requested from PICANet.	**Collection GP Practice code is now possible via PICANet DE.**	**It is recommended that:** **All Pan Thames units collect and submit GP data as part of their PCCMDS dataset.** **GP Practice code data quality is reviewed regularly to for completeness.** **Future PT Reports detail PICU admissions and GP Practice Code based Primary Care Trusts (PCTs).**
9. Data specific to Pan Thames on the number of children attending adult intensive care units are not available due to the inability to extract the Pan Thames subset from Intensive Care National Audit and Research Centre (ICNARC) data.	The Consortium will work with PICANet and ICNARC to access to the required data	The data has been supplied to PICANet by ICNARC. A subset of the data has been requested for the pan Thames Report from PICANet but due to Data Protection a resubmission has been made directly to ICNARC.	**Details of patient using adult ICU in pan Thames to be requested directly from ICNARC.**	**Pan Thames PICANet co-ordinator to request data for LSCG purposes directly from ICNARC as required in future.**
10. Payment by Result data is required from both PICU and HDU settings to enable effective modelling of casemix and costs.	The PICU Consortium will work with PICANet, PIC Society and professional colleagues to develop clinical and service outcomes for commissioning.	PCCMDS data flow to SUS is limited. PCCMDS data via PICANet data access is currently not available.	**A local framework for access and managing this data is established.**	**As directed by PTCAG, pan Thames centralises all data needs for commissioning via LSCG and CSL.** **A framework for the collation HDU admission data is established at minimum cost to Providers.**

Conclusions 2008	2008 Recommendations	Progress update 2009	Conclusions 2009	Recommendations 2009
11. PICU clinical systems are hugely disparate in cost and functionality within pan Thames as in the rest of UK.	A framework to encourage and support collaborative multi-centre informatics development is explored/established through PHiG	This has been provisionally halted due to a refocus on how information is managed in PT.	**The regional Information Management Group (PHiG) has not met regularly to develop region wide information management needs.**	**It is recommended that the Information Management Group's (PHiG) Terms of Reference are modified in line with feedback from PICU leads.** **The Terms of Reference are approved and promoted by the PTCAG and LSCG.** **The new Information Management group meets on a 6 monthly basis as part of PTCAG.**
12. The distribution of non pan Thames patient inflow to the region and outflow of Pan Thames patients to non Pan Thames units are described in this report for the first time.	The consortium will work closely with providers and the PICANet team to better understand the data and its impact on regional bed management.	This will be reported in the regional report.	**The data is available and is to be analysed at a more granular level.**	**It is recommended that this data is presented by PCTs at greater granularity.**
13. In this document pan Thames Workstreams have detailed a programme of work which aims to strengthen the Commissioning Consortium's ability to meet World Class Commissioning expectations.	A mechanism to identify priority areas in PICU commissioning through the LSCG should be established. Links between the clinical community, PICANet, professional organisations such as Paediatric Intensive Care Society and its Specialist Groups are strengthened and new links with collaborators established.	Work streams identified include: ▪ The PICU Designation progress ▪ Nurse Workstream ▪ Information Management Group ▪ PICU and HDU Payment by Results	**Reports and Business Cases have been produced for the separate work streams.**	**Regional priorities are addressed through the PTCAG and Commissioning Consortium and documented in the pan Thames PICANet Annual Report.**

Conclusions 2008	2008 Recommendations	Progress update 2009	Conclusions 2009	Recommendations 2009
14. The Workforce Planning Group has produced the recommended minimum staffing level for PICU beds.	Minimum staffing levels need to be agreed with the PICs Society, included in the National Standards for PICS and incorporated into the commissioning SLAs.	Standards have yet to be integrated into the contract although progress has been made by PICS to finalise the Standards Document. PICANet are now in the process of developing a national audit to promote the PICs Standards.	**The PICs standards will be audited via the PICANet framework.**	**All units are encouraged to collaborate with the PICANet Staffing Survey and PICs Standards Audit through timely data submission to PICANet.**
15. This is second Pan Thames PICU Report in which the regional PICU workstreams have reported their activities and future plans.	The workstreams reported require project management. This report should be simplified and adapted as a project management tool for the future.	Clear aims and objectives need to be designated for all workstreams	**For Workstreams, although significant progress has been made during 2009, clear and objective measures were not defined for all streams.** **The tabulation of the pan Thames Report enables the reader to assess progress and short falls in the implementation of regional plans.**	**It is recommended again that clear measurable objectives are defined to assess future success of PICU Work Streams**
16.			**National and local Commissioning for Quality and Innovation (CQUIN) needs to be developed in collaboration with PICANet and PTCAG.**	**PTCAG, commissioning consortiums and PICANet agendas are reconciled to meet both national and local PICU priorities.**

5 OVERALL AIM OF THIS REPORT

This report aims to:

- Provide descriptive information, tailored to the local needs of clinical teams, healthcare planners and commissioners.
- Allow comparison of PICU activity within the pan Thames region.
- Allow comparison of PICU activity out with the pan Thames region.
- Identify regional issues associated with data management and data quality
- To draw conclusions and make recommendations on pan Thames PIC strategic requirements.

6 ORIENTATING YOURSELF AROUND THE REPORT

This report focuses on reporting Pan Thames PICANet data for the period January 2006 - December 2008.

The report is not intended as a substitute of the PICANet National Report which provides a more comprehensive and detailed description of PICANet activities and data analysis. The National Report also provides a national a picture of PIC activity for benchmarking and comparison.

Where there is ambiguity or lack of definition in this report, the readers is again directed to the PICANet National Report 2006 - 2008[i] which provides definitions, specifications and describes processes.

Hyperlinks should be used to view the relevant sections and web sites.

In the web version of this report, the hyperlink will take you to an Excel spreadsheet that contains links to all the tables and figures in the section. The data, diagrams and graphs are freely available for you to download.

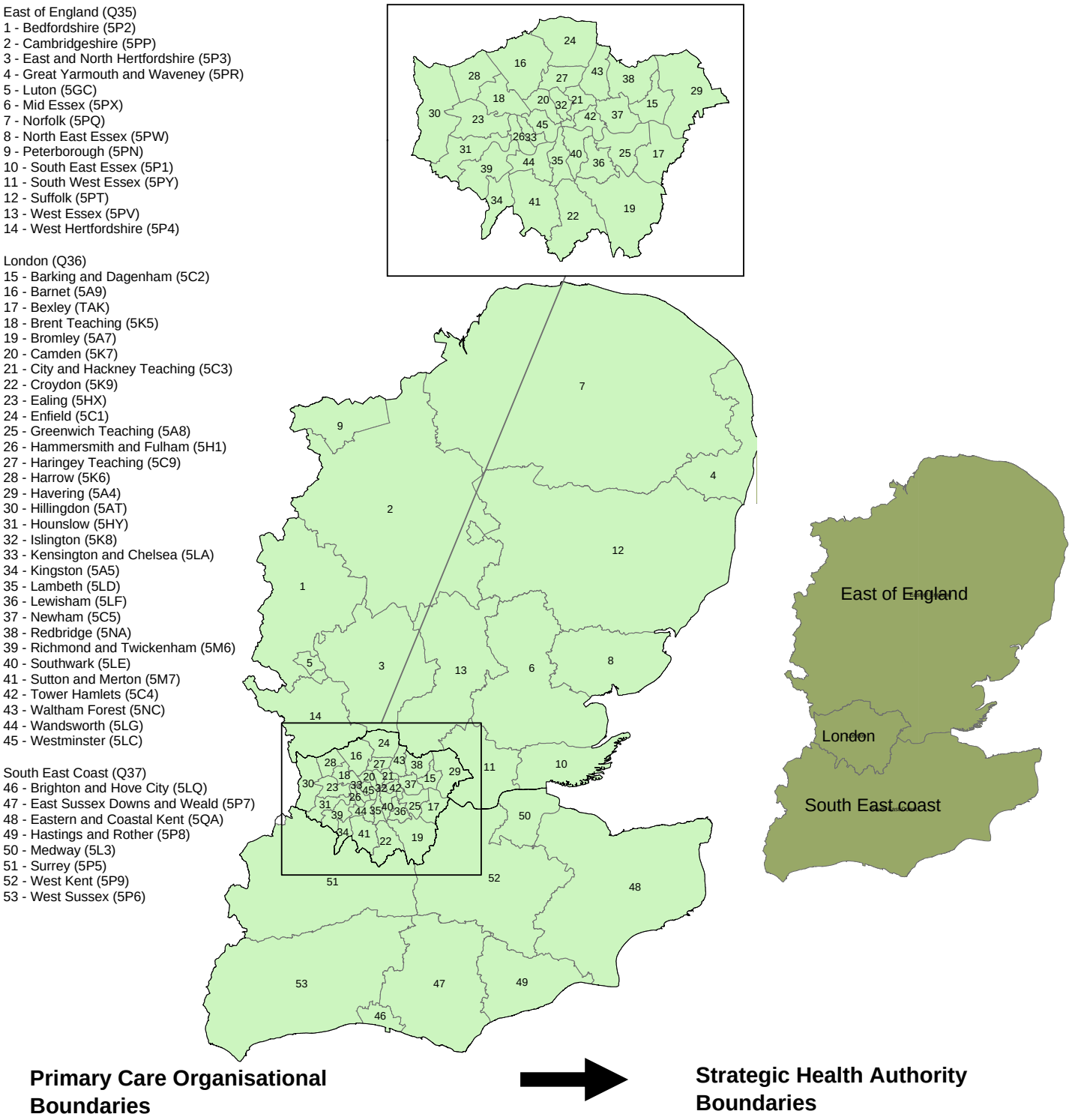
The PICANet dataset is dynamic as units continually submit new data. This means that overall figures for 2006 and 2008 may have changed since the publication of the previous pan Thames report. The data in this report are those supplied to PICANet up to May 2009 for the reporting period January 2006 to December 2008.

An appendix is provided in this report to ease readability and provide information specific to pan Thames.

Information requested by Pan Thames individuals from PICANet are outlined in Appendix E

[i] Paediatric Intensive Care Audit Network National Report 2006 - 2008 (published 2009) Universities of Leeds and Leicester ISBN 978 0 85316 283 4

Figure DS1 The Pan Thames geographical areas as defined by Primary Care Organisations and Strategic Health Authorities



1) The report is primarily concerned with admissions aged 0 - 15 years, of which there were a total of 16, 494 admissions over the 3 year reporting period. There were 337 admissions aged 16 years and above.
2) Unless stated otherwise, the proportions in tables throughout the report are row percentages, except in the total column where they are column percentages.
3) The term 'unknown' includes cases where the units have specifically recorded 'not known' and also cases where a required value has been left blank.

7 DATA QUALITY

The reader is directed to Chapter 22 of the 2009 National PICANet Report: Data Quality for full details of pan Thames PICANet data quality.

In this chapter, attention is given only to NHS Number recording levels. NHS Numbers are particularly poorly recorded in pan Thames and as a consequence highlighted. As a prerequisite for clinical, operational and commissioning requirements, NHS Numbers have been repeatedly emphasised in the region as requiring attention. The table below highlights the percentage of patients missing NHS Numbers within pan Thames. All units with more than 5% NHS Numbers missing (**highlighted in bold**) should review and improve recording levels in collaboration with PICANet. It is a realistic target for all units to achieve 95+% NHS Number recording levels for NHS patients.

One reason where patients can technically not have an NHS Number is where the patient is from aboard and does not have an NHS Number. Even private patients should have NHS Numbers. Trusts are encouraged to collect private patient status in a suitable format for exclusion from future reporting statistics. Next year's report will aim to refine the statistics below and exclude those patients not requiring NHS Numbers.

Table DQ 1: Percentage of PICU admissions missing NHS Numbers by Trust

Trust	ANNUAL			
	2006 (%)	2007 (%)	2008 (%)	3 year Average missing (%)
Royal Alexandra Hospital for Sick Children	8	4	0	4
Cambridge Addenbrooke's Hospital	0	0	0	0
Great Ormond Street Hospital for Children	21	17	21	20
Evelina Children's Hospital	39	36	37	37
King's College Hospital	63	72	72	69
Royal Brompton Hospital	27	18	22	22
St George's Hospital	29	26	4	20
St Mary's Hospital	4	1	3	3
University Hospital Lewisham	89	7	37	44
The Royal London Hospital, Whitechapel	1	3.5	2.4	2

Table 1 Admissions by age and sex, 2006 - 2008

Age (Years)	Sex									
	Male		Female		Ambiguous		Unknown		Total	
	n	%	n	%	n	%	n	%	n	%
0	4,611	(58)	3,348	(42)	3	(0)	4	(0)	**7,966**	**(48.3)**
1	1,037	(55)	839	(45)	0	(0)	1	(0)	**1,877**	**(11.4)**
2	564	(54)	485	(46)	0	(0)	2	(0)	**1,051**	**(6.4)**
3	459	(56)	359	(44)	1	(0)	0	(0)	**820**	**(5.0)**
4	350	(57)	258	(42)	0	(0)	1	(0)	**609**	**(3.7)**
5	247	(57)	183	(43)	0	(0)	0	(0)	**430**	**(2.6)**
6	198	(54)	169	(46)	0	(0)	0	(0)	**367**	**(2.2)**
7	199	(54)	168	(46)	0	(0)	0	(0)	**367**	**(2.2)**
8	162	(54)	137	(46)	1	(0)	0	(0)	**300**	**(1.8)**
9	192	(60)	129	(40)	0	(0)	0	(0)	**321**	**(1.9)**
10	186	(55)	154	(45)	0	(0)	0	(0)	**340**	**(2.1)**
11	166	(51)	157	(48)	1	(0)	0	(0)	**324**	**(2.0)**
12	177	(50)	180	(50)	0	(0)	0	(0)	**357**	**(2.2)**
13	200	(48)	213	(52)	0	(0)	0	(0)	**413**	**(2.5)**
14	261	(54)	225	(46)	0	(0)	0	(0)	**486**	**(2.9)**
15	223	(48)	240	(52)	0	(0)	2	(0)	**465**	**(2.8)**
Unknown	1	(100)	0	(0)	0	(0)	0	(0)	**1**	**-**
Total	**9,233**	**(56.0)**	**7,244**	**(43.9)**	**6**	**(0.0)**	**10**	**(0.1)**	**16,494**	

Figure 1 Admissions by age and sex, 2006 - 2008

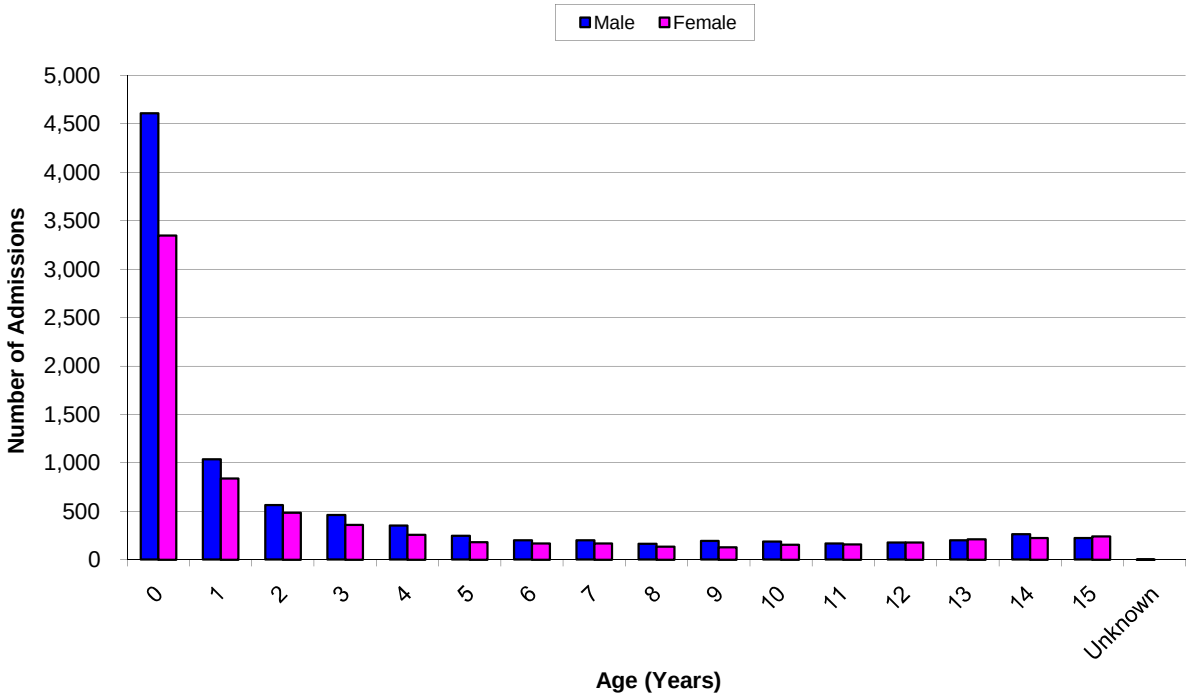


Table 2 Admissions by age (<1) and sex, 2006 - 2008

Age (Months)	Sex								Total	
	Male		Female		Ambiguous		Unknown			
	n	%	n	%	n	%	n	%	n	%
0	1,643	(58)	1,167	(41)	2	(0)	3	(0)	**2,815**	**(35.3)**
1	689	(62)	420	(38)	0	(0)	1	(0)	**1,110**	**(13.9)**
2	409	(57)	307	(43)	0	(0)	0	(0)	**716**	**(9.0)**
3	340	(56)	270	(44)	0	(0)	0	(0)	**610**	**(7.7)**
4	269	(56)	209	(44)	0	(0)	0	(0)	**478**	**(6.0)**
5	281	(60)	184	(39)	1	(0)	0	(0)	**466**	**(5.8)**
6	203	(55)	169	(45)	0	(0)	0	(0)	**372**	**(4.7)**
7	203	(57)	154	(43)	0	(0)	0	(0)	**357**	**(4.5)**
8	152	(55)	125	(45)	0	(0)	0	(0)	**277**	**(3.5)**
9	158	(54)	135	(46)	0	(0)	0	(0)	**293**	**(3.7)**
10	134	(52)	122	(48)	0	(0)	0	(0)	**256**	**(3.2)**
11	130	(60)	86	(40)	0	(0)	0	(0)	**216**	**(2.7)**
Total	**4,611**	**(57.9)**	**3,348**	**(42.0)**	**3**	**(0.0)**	**4**	**(0.1)**	**7,966**	

Figure 2 Admissions by age (<1) and sex, 2006 - 2008

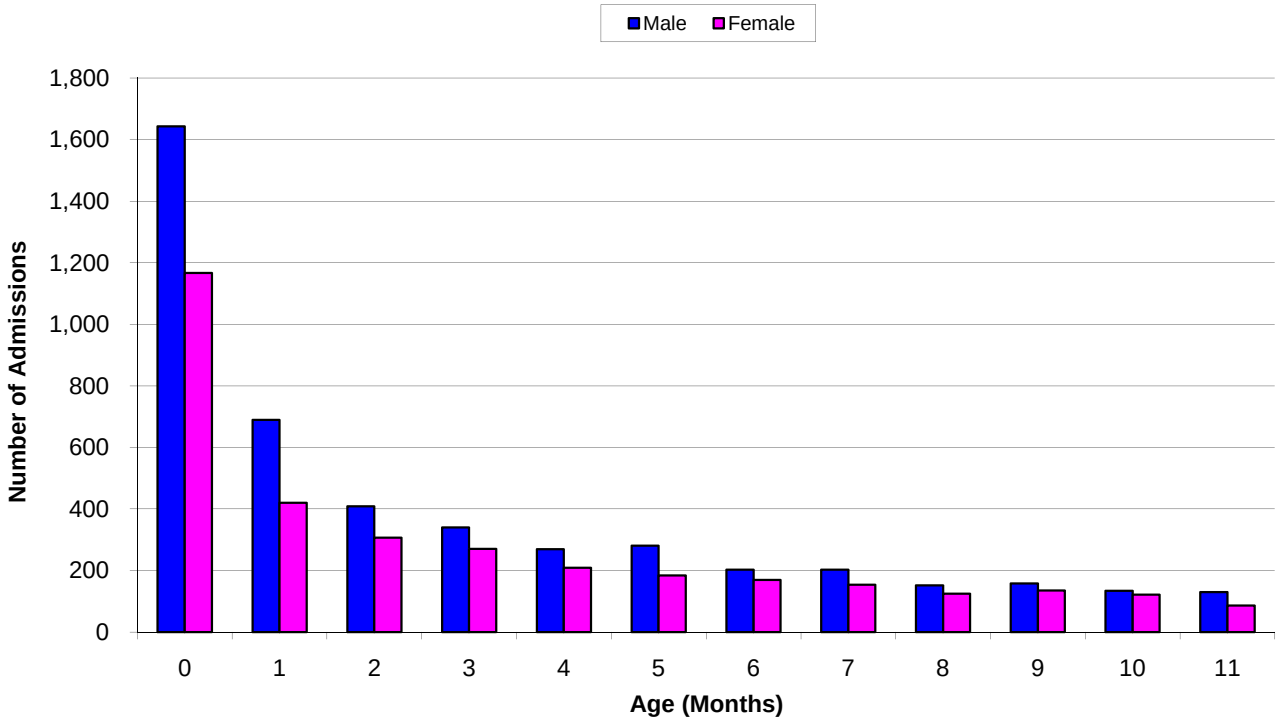


Table 3 Admissions by age by NHS trust, 2006 - 2008

Year	NHS Trust	Age Group (Years) <1 n	<1 %	1-4 n	1-4 %	5-10 n	5-10 %	11-15 n	11-15 %	Total n	Total %
2006	**A**	166	(37)	103	(23)	94	(21)	86	(19)	**449**	**(8.6)**
	B	81	(36)	57	(25)	31	(14)	58	(26)	**227**	**(4.4)**
	E	911	(57)	360	(23)	174	(11)	154	(10)	**1,599**	**(30.6)**
	F	585	(54)	286	(26)	96	(9)	120	(11)	**1,087**	**(20.8)**
	H	100	(32)	117	(37)	52	(17)	46	(15)	**315**	**(6.0)**
	J	41	(55)	21	(28)	6	(8)	6	(8)	**74**	**(1.4)**
	O	388	(59)	150	(23)	73	(11)	45	(7)	**657**	**(12.6)**
	T	140	(32)	149	(34)	96	(22)	57	(13)	**442**	**(8.5)**
	U	137	(37)	141	(38)	57	(16)	32	(9)	**367**	**(7.0)**
2006 Total		**2,549**	**(48.9)**	**1,384**	**(26.5)**	**679**	**(13.0)**	**604**	**(11.6)**	**5,217**	
2007	**A**	190	(37)	116	(23)	89	(17)	117	(23)	**512**	**(9.3)**
	B	67	(39)	55	(32)	26	(15)	23	(13)	**171**	**(3.1)**
	E	820	(56)	337	(23)	155	(11)	161	(11)	**1,473**	**(26.7)**
	F	671	(56)	283	(24)	123	(10)	120	(10)	**1,197**	**(21.7)**
	H	112	(39)	93	(32)	45	(16)	40	(14)	**290**	**(5.3)**
	J	68	(57)	30	(25)	12	(10)	9	(8)	**119**	**(2.2)**
	O	390	(61)	148	(23)	55	(9)	45	(7)	**638**	**(11.6)**
	T	111	(29)	137	(36)	67	(17)	70	(18)	**385**	**(7.0)**
	U	153	(42)	121	(33)	51	(14)	42	(11)	**367**	**(6.7)**
	Z	102	(28)	133	(37)	61	(17)	63	(18)	**359**	**(6.5)**
2007 Total		**2,684**	**(48.7)**	**1,453**	**(26.4)**	**684**	**(12.4)**	**690**	**(12.5)**	**5,511**	
2008	**A**	131	(28)	154	(33)	86	(18)	99	(21)	**470**	**(8.2)**
	B	82	(29)	83	(29)	44	(15)	75	(26)	**284**	**(4.9)**
	E	914	(58)	339	(22)	163	(10)	150	(10)	**1,566**	**(27.2)**
	F	649	(56)	271	(23)	104	(9)	132	(11)	**1,156**	**(20.0)**
	H	113	(30)	130	(34)	77	(20)	62	(16)	**382**	**(6.6)**
	J	61	(47)	29	(22)	21	(16)	18	(14)	**129**	**(2.2)**
	O	387	(63)	132	(22)	49	(8)	42	(7)	**610**	**(10.6)**
	T	147	(31)	158	(33)	88	(18)	83	(17)	**476**	**(8.3)**
	U	121	(40)	106	(35)	48	(16)	26	(9)	**301**	**(5.2)**
	Z	128	(33)	118	(30)	82	(21)	64	(16)	**392**	**(6.8)**
2008 Total		**2,733**	**(47.4)**	**1,520**	**(26.4)**	**762**	**(13.2)**	**751**	**(13.0)**	**5,766**	
Grand Total		**7,966**	**(48.3)**	**4,357**	**(26.4)**	**2,125**	**(12.9)**	**2,045**	**(12.4)**	**16,494**	

Table 4 Admissions by age (<1) by NHS trust, 2006 - 2008

Year	NHS Trust	Age Group (Months) <1 n	<1 %	1-2 n	1-2 %	3-5 n	3-5 %	6-11 n	6-11 %	Total n	Total %
2006	**A**	43	(26)	43	(26)	26	(16)	54	(33)	**166**	**(6.5)**
	B	17	(21)	28	(35)	19	(23)	17	(21)	**81**	**(3.2)**
	E	388	(43)	193	(21)	154	(17)	176	(19)	**911**	**(35.7)**
	F	247	(42)	121	(21)	91	(16)	126	(22)	**585**	**(23.0)**
	H	20	(20)	20	(20)	22	(22)	38	(38)	**100**	**(3.9)**
	J	8	(20)	13	(32)	10	(24)	10	(24)	**41**	**(1.6)**
	O	157	(40)	78	(20)	74	(19)	79	(20)	**388**	**(15.2)**
	T	16	(11)	40	(29)	38	(27)	46	(33)	**140**	**(5.5)**
	U	28	(20)	35	(26)	25	(18)	49	(36)	**137**	**(5.4)**
2006 Total		**924**	**(36.2)**	**571**	**(22.4)**	**459**	**(18.0)**	**595**	**(23.3)**	2,549	
2007	**A**	47	(25)	59	(31)	34	(18)	50	(26)	**190**	**(7.1)**
	B	14	(21)	22	(33)	12	(18)	19	(28)	**67**	**(2.5)**
	E	316	(39)	172	(21)	178	(22)	154	(19)	**820**	**(30.6)**
	F	268	(40)	138	(21)	131	(20)	134	(20)	**671**	**(25.0)**
	H	18	(16)	28	(25)	18	(16)	48	(43)	**112**	**(4.2)**
	J	21	(31)	20	(29)	15	(22)	12	(18)	**68**	**(2.5)**
	O	140	(36)	97	(25)	87	(22)	66	(17)	**390**	**(14.5)**
	T	21	(19)	25	(23)	28	(25)	37	(33)	**111**	**(4.1)**
	U	21	(14)	47	(31)	37	(24)	48	(31)	**153**	**(5.7)**
	Z	19	(19)	25	(25)	32	(31)	26	(25)	**102**	**(3.8)**
2007 Total		**885**	**(33.0)**	**633**	**(23.6)**	**572**	**(21.3)**	**594**	**(22.1)**	2,684	
2008	**A**	31	(24)	39	(30)	28	(21)	33	(25)	**131**	**(4.8)**
	B	28	(34)	18	(22)	18	(22)	18	(22)	**82**	**(3.0)**
	E	376	(41)	204	(22)	160	(18)	174	(19)	**914**	**(33.4)**
	F	280	(43)	136	(21)	108	(17)	125	(19)	**649**	**(23.7)**
	H	29	(26)	24	(21)	23	(20)	37	(33)	**113**	**(4.1)**
	J	13	(21)	17	(28)	17	(28)	14	(23)	**61**	**(2.2)**
	O	160	(41)	68	(18)	69	(18)	90	(23)	**387**	**(14.2)**
	T	30	(20)	38	(26)	44	(30)	35	(24)	**147**	**(5.4)**
	U	31	(26)	36	(30)	28	(23)	26	(21)	**121**	**(4.4)**
	Z	28	(22)	42	(33)	28	(22)	30	(23)	**128**	**(4.7)**
2008 Total		**1,006**	**(36.8)**	**622**	**(22.8)**	**523**	**(19.1)**	**582**	**(21.3)**	2,733	
Grand Total		**2,815**	**(35.3)**	**1,826**	**(22.9)**	**1,554**	**(19.5)**	**1,771**	**(22.2)**	7,966	

Table 5 Admissions by age (16+) by NHS trust, 2006 - 2008

Year	NHS Trust	Age Group (Years) 16 n	16 %	17-20 n	17-20 %	21-25 n	21-25 %	26+ n	26+ %	Total n	Total %
2006	**A**	5	(100)	0	(0)	0	(0)	0	(0)	**5**	**(6.7)**
	B	4	(50)	4	(50)	0	(0)	0	(0)	**8**	**(10.7)**
	E	18	(60)	12	(40)	0	(0)	0	(0)	**30**	**(40.0)**
	F	10	(71)	4	(29)	0	(0)	0	(0)	**14**	**(18.7)**
	H	5	(71)	2	(29)	0	(0)	0	(0)	**7**	**(9.3)**
	J	0	(0)	1	(100)	0	(0)	0	(0)	**1**	**(1.3)**
	T	6	(75)	2	(25)	0	(0)	0	(0)	**8**	**(10.7)**
	U	1	(50)	1	(50)	0	(0)	0	(0)	**2**	**(2.7)**
2006 Total		**49**	**(65.3)**	**26**	**(34.7)**	**0**	**(0.0)**	**0**	**(0.0)**	**75**	
2007	**A**	8	(67)	4	(33)	0	(0)	0	(0)	**12**	**(12.6)**
	B	1	(25)	3	(75)	0	(0)	0	(0)	**4**	**(4.2)**
	E	11	(50)	11	(50)	0	(0)	0	(0)	**22**	**(23.2)**
	F	16	(59)	11	(41)	0	(0)	0	(0)	**27**	**(28.4)**
	H	1	(50)	1	(50)	0	(0)	0	(0)	**2**	**(2.1)**
	O	4	(100)	0	(0)	0	(0)	0	(0)	**4**	**(4.2)**
	T	12	(75)	4	(25)	0	(0)	0	(0)	**16**	**(16.8)**
	U	1	(100)	0	(0)	0	(0)	0	(0)	**1**	**(1.1)**
	Z	3	(43)	4	(57)	0	(0)	0	(0)	**7**	**(7.4)**
2007 Total		**57**	**(60.0)**	**38**	**(40.0)**	**0**	**(0.0)**	**0**	**(0.0)**	**95**	
2008	**A**	6	(86)	1	(14)	0	(0)	0	(0)	**7**	**(7.0)**
	B	4	(80)	1	(20)	0	(0)	0	(0)	**5**	**(5.0)**
	E	19	(73)	7	(27)	0	(0)	0	(0)	**26**	**(26.0)**
	F	14	(70)	6	(30)	0	(0)	0	(0)	**20**	**(20.0)**
	H	4	(36)	7	(64)	0	(0)	0	(0)	**11**	**(11.0)**
	J	1	(50)	1	(50)	0	(0)	0	(0)	**2**	**(2.0)**
	T	6	(38)	10	(63)	0	(0)	0	(0)	**16**	**(16.0)**
	U	5	(100)	0	(0)	0	(0)	0	(0)	**5**	**(5.0)**
	Z	7	(88)	0	(0)	1	(13)	0	(0)	**8**	**(8.0)**
2008 Total		**66**	**(66.0)**	**33**	**(33.0)**	**1**	**(1.0)**	**0**	**(0.0)**	**100**	
Grand Total		**172**	**(63.7)**	**97**	**(35.9)**	**1**	**(0.4)**	**0**	**(0.0)**	**270**	

Table 6 Admissions by month and age, 2006 - 2008

Year	Month	Age Group (Years) <1 n	<1 %	1-4 n	1-4 %	5-10 n	5-10 %	11-15 n	11-15 %	Total n	Total %
2006	**1**	232	(52)	111	(25)	56	(13)	44	(10)	**443**	**(8.5)**
	2	212	(49)	107	(25)	66	(15)	51	(12)	**436**	**(8.4)**
	3	216	(49)	122	(27)	57	(13)	49	(11)	**444**	**(8.5)**
	4	196	(48)	116	(28)	51	(13)	45	(11)	**408**	**(7.8)**
	5	214	(48)	136	(30)	50	(11)	48	(11)	**448**	**(8.6)**
	6	205	(49)	101	(24)	57	(14)	56	(13)	**419**	**(8.0)**
	7	181	(41)	121	(28)	76	(17)	58	(13)	**437**	**(8.4)**
	8	203	(47)	112	(26)	62	(14)	52	(12)	**429**	**(8.2)**
	9	206	(48)	110	(26)	55	(13)	54	(13)	**425**	**(8.1)**
	10	208	(49)	123	(29)	46	(11)	50	(12)	**427**	**(8.2)**
	11	215	(48)	116	(26)	58	(13)	62	(14)	**451**	**(8.6)**
	12	261	(58)	109	(24)	45	(10)	35	(8)	**450**	**(8.6)**
2006 Total		**2,549**	**(48.9)**	**1,384**	**(26.5)**	**679**	**(13.0)**	**604**	**(11.6)**	5,217	
2007	**1**	240	(53)	109	(24)	55	(12)	45	(10)	**449**	**(8.1)**
	2	194	(49)	106	(27)	46	(12)	49	(12)	**395**	**(7.2)**
	3	211	(45)	143	(30)	65	(14)	54	(11)	**473**	**(8.6)**
	4	215	(47)	116	(25)	63	(14)	62	(14)	**456**	**(8.3)**
	5	235	(49)	130	(27)	53	(11)	61	(13)	**479**	**(8.7)**
	6	208	(46)	123	(27)	73	(16)	50	(11)	**454**	**(8.2)**
	7	217	(47)	112	(24)	68	(15)	67	(14)	**464**	**(8.4)**
	8	210	(46)	127	(28)	53	(12)	65	(14)	**455**	**(8.3)**
	9	219	(51)	100	(23)	53	(12)	57	(13)	**429**	**(7.8)**
	10	204	(41)	140	(28)	65	(13)	83	(17)	**492**	**(8.9)**
	11	262	(53)	134	(27)	48	(10)	55	(11)	**499**	**(9.1)**
	12	269	(58)	113	(24)	42	(9)	42	(9)	**466**	**(8.5)**
2007 Total		**2,684**	**(48.7)**	**1,453**	**(26.4)**	**684**	**(12.4)**	**690**	**(12.5)**	5,511	
2008	**1**	238	(49)	125	(26)	60	(12)	59	(12)	**482**	**(8.4)**
	2	196	(45)	110	(25)	68	(16)	64	(15)	**438**	**(7.6)**
	3	194	(42)	138	(30)	74	(16)	57	(12)	**463**	**(8.0)**
	4	192	(45)	120	(28)	53	(12)	63	(15)	**428**	**(7.4)**
	5	229	(46)	137	(28)	73	(15)	57	(11)	**496**	**(8.6)**
	6	207	(45)	136	(29)	63	(14)	57	(12)	**463**	**(8.0)**
	7	211	(46)	110	(24)	65	(14)	74	(16)	**460**	**(8.0)**
	8	230	(49)	119	(25)	66	(14)	54	(12)	**469**	**(8.1)**
	9	219	(44)	133	(27)	72	(14)	73	(15)	**497**	**(8.6)**
	10	263	(49)	139	(26)	62	(12)	71	(13)	**535**	**(9.3)**
	11	290	(57)	113	(22)	50	(10)	55	(11)	**508**	**(8.8)**
	12	264	(50)	140	(27)	56	(11)	67	(13)	**527**	**(9.1)**
2008 Total		**2,733**	**(47.4)**	**1,520**	**(26.4)**	**762**	**(13.2)**	**751**	**(13.0)**	5,766	
Grand Total		**7,966**	**(48.3)**	**4,357**	**(26.4)**	**2,125**	**(12.9)**	**2,045**	**(12.4)**	16,494	

Figure 6 Admissions by month and age, 2006 - 2008

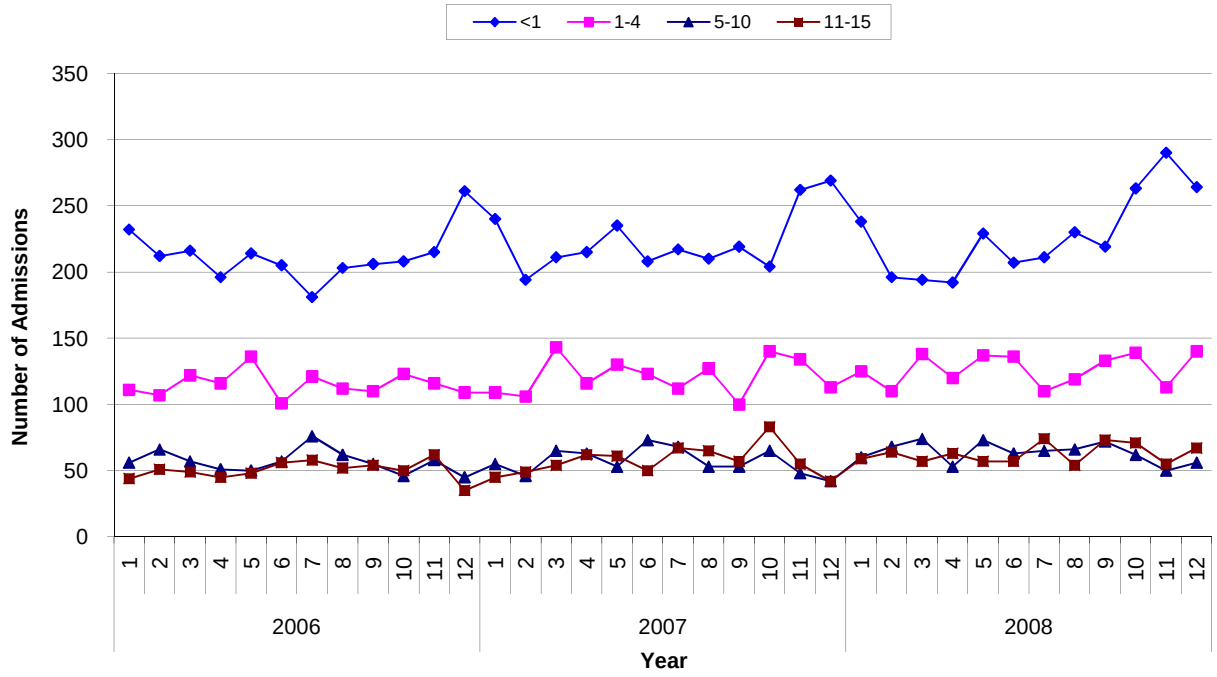


Table 7 Admissions by month and primary diagnostic group, 2006 - 2008

Year	Month	Diagnostic Group: Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Other		Respiratory		Trauma		Unknown		Total	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2006	1	4	(1)	7	(2)	137	(31)	13	(3)	24	(5)	25	(6)	1	(0)	10	(2)	54	(12)	22	(5)	18	(4)	122	(28)	6	(1)	0	(0)	443	(8.5)
	2	8	(2)	7	(2)	130	(30)	15	(3)	27	(6)	26	(6)	3	(1)	8	(2)	49	(11)	18	(4)	17	(4)	116	(27)	9	(2)	3	(1)	436	(8.4)
	3	3	(1)	9	(2)	148	(33)	11	(2)	30	(7)	27	(6)	0	(0)	10	(2)	61	(14)	13	(3)	16	(4)	104	(23)	8	(2)	4	(1)	444	(8.5)
	4	6	(1)	6	(1)	143	(35)	12	(3)	32	(8)	20	(5)	4	(1)	4	(1)	38	(9)	14	(3)	24	(6)	99	(24)	6	(1)	0	(0)	408	(7.8)
	5	2	(0)	10	(2)	160	(36)	6	(1)	27	(6)	15	(3)	1	(0)	9	(2)	54	(12)	18	(4)	19	(4)	115	(26)	12	(3)	0	(0)	448	(8.6)
	6	4	(1)	9	(2)	150	(36)	8	(2)	36	(9)	15	(4)	4	(1)	11	(3)	43	(10)	13	(3)	23	(5)	88	(21)	13	(3)	2	(0)	419	(8.0)
	7	2	(0)	4	(1)	140	(32)	11	(3)	40	(9)	17	(4)	0	(0)	8	(2)	38	(9)	31	(7)	33	(8)	91	(21)	20	(5)	2	(0)	437	(8.4)
	8	3	(1)	4	(1)	173	(40)	16	(4)	30	(7)	22	(5)	1	(0)	9	(2)	43	(10)	16	(4)	19	(4)	61	(14)	26	(6)	6	(1)	429	(8.2)
	9	2	(0)	11	(3)	151	(36)	9	(2)	31	(7)	15	(4)	1	(0)	15	(4)	37	(9)	22	(5)	33	(8)	77	(18)	17	(4)	4	(1)	425	(8.1)
	10	0	(0)	9	(2)	155	(36)	10	(2)	28	(7)	23	(5)	1	(0)	15	(4)	38	(9)	22	(5)	21	(5)	92	(22)	11	(3)	2	(0)	427	(8.2)
	11	9	(2)	5	(1)	138	(31)	9	(2)	34	(8)	16	(4)	4	(1)	5	(1)	47	(10)	14	(3)	22	(5)	136	(30)	9	(2)	3	(1)	451	(8.6)
	12	4	(1)	8	(2)	106	(24)	14	(3)	31	(7)	18	(4)	4	(1)	6	(1)	44	(10)	18	(4)	15	(3)	168	(37)	7	(2)	7	(2)	450	(8.6)
2006 Total		**47**	**(0.9)**	**89**	**(1.7)**	**1,731**	**(33.2)**	**134**	**(2.6)**	**370**	**(7.1)**	**239**	**(4.6)**	**24**	**(0.5)**	**110**	**(2.1)**	**546**	**(10.5)**	**221**	**(4.2)**	**260**	**(5.0)**	**1,269**	**(24.3)**	**144**	**(2.8)**	**33**	**(0.6)**	5,217	
2007	1	4	(1)	7	(2)	145	(32)	5	(1)	22	(5)	21	(5)	2	(0)	13	(3)	36	(8)	15	(3)	22	(5)	140	(31)	10	(2)	7	(2)	449	(8.1)
	2	6	(2)	2	(1)	121	(31)	10	(3)	28	(7)	17	(4)	1	(0)	8	(2)	38	(10)	7	(2)	13	(3)	128	(32)	13	(3)	3	(1)	395	(7.2)
	3	5	(1)	5	(1)	134	(28)	17	(4)	29	(6)	23	(5)	2	(0)	7	(1)	55	(12)	16	(3)	40	(8)	128	(27)	9	(2)	3	(1)	473	(8.6)
	4	9	(2)	5	(1)	148	(32)	16	(4)	35	(8)	19	(4)	1	(0)	7	(2)	49	(11)	17	(4)	26	(6)	104	(23)	18	(4)	2	(0)	456	(8.3)
	5	11	(2)	11	(2)	149	(31)	11	(2)	22	(5)	24	(5)	1	(0)	10	(2)	45	(9)	14	(3)	37	(8)	121	(25)	16	(3)	7	(1)	479	(8.7)
	6	8	(2)	10	(2)	127	(28)	15	(3)	32	(7)	20	(4)	3	(1)	11	(2)	44	(10)	22	(5)	26	(6)	122	(27)	11	(2)	3	(1)	454	(8.2)
	7	6	(1)	6	(1)	162	(35)	18	(4)	23	(5)	19	(4)	2	(0)	10	(2)	51	(11)	16	(3)	27	(6)	104	(22)	19	(4)	1	(0)	464	(8.4)
	8	4	(1)	8	(2)	162	(36)	15	(3)	32	(7)	17	(4)	0	(0)	11	(2)	40	(9)	19	(4)	26	(6)	99	(22)	19	(4)	3	(1)	455	(8.3)
	9	8	(2)	12	(3)	147	(34)	10	(2)	24	(6)	15	(3)	1	(0)	7	(2)	36	(8)	16	(4)	25	(6)	109	(25)	12	(3)	7	(2)	429	(7.8)
	10	7	(1)	6	(1)	163	(33)	13	(3)	19	(4)	25	(5)	0	(0)	18	(4)	50	(10)	14	(3)	20	(4)	133	(27)	22	(4)	2	(0)	492	(8.9)
	11	7	(1)	7	(1)	152	(30)	13	(3)	23	(5)	17	(3)	1	(0)	10	(2)	33	(7)	18	(4)	16	(3)	191	(38)	6	(1)	5	(1)	499	(9.1)
	12	4	(1)	4	(1)	110	(24)	10	(2)	21	(5)	21	(5)	0	(0)	6	(1)	43	(9)	13	(3)	20	(4)	201	(43)	8	(2)	5	(1)	466	(8.5)
2007 Total		**79**	**(1.4)**	**83**	**(1.5)**	**1,720**	**(31.2)**	**153**	**(2.8)**	**310**	**(5.6)**	**238**	**(4.3)**	**14**	**(0.3)**	**118**	**(2.1)**	**520**	**(9.4)**	**187**	**(3.4)**	**298**	**(5.4)**	**1,580**	**(28.7)**	**163**	**(3.0)**	**48**	**(0.9)**	5,511	
2008	1	5	(1)	4	(1)	148	(31)	11	(2)	33	(7)	30	(6)	2	(0)	9	(2)	52	(11)	19	(4)	34	(7)	122	(25)	8	(2)	5	(1)	482	(8.4)
	2	5	(1)	4	(1)	135	(31)	14	(3)	35	(8)	19	(4)	1	(0)	10	(2)	46	(11)	14	(3)	26	(6)	109	(25)	16	(4)	4	(1)	438	(7.6)
	3	6	(1)	7	(2)	129	(28)	13	(3)	36	(8)	19	(4)	1	(0)	14	(3)	47	(10)	23	(5)	28	(6)	119	(26)	17	(4)	4	(1)	463	(8.0)
	4	8	(2)	8	(2)	132	(31)	10	(2)	27	(6)	20	(5)	1	(0)	14	(3)	42	(10)	13	(3)	15	(4)	125	(29)	10	(2)	3	(1)	428	(7.4)
	5	6	(1)	5	(1)	149	(30)	20	(4)	33	(7)	32	(6)	1	(0)	11	(2)	55	(11)	14	(3)	31	(6)	113	(23)	23	(5)	3	(1)	496	(8.6)
	6	12	(3)	2	(0)	140	(30)	12	(3)	44	(10)	18	(4)	2	(0)	17	(4)	43	(9)	16	(3)	28	(6)	110	(24)	17	(4)	2	(0)	463	(8.0)
	7	7	(2)	5	(1)	159	(35)	15	(3)	29	(6)	22	(5)	0	(0)	19	(4)	55	(12)	17	(4)	27	(6)	80	(17)	21	(5)	4	(1)	460	(8.0)
	8	8	(2)	4	(1)	154	(33)	15	(3)	33	(7)	25	(5)	1	(0)	13	(3)	47	(10)	21	(4)	34	(7)	95	(20)	16	(3)	3	(1)	469	(8.1)
	9	5	(1)	5	(1)	137	(28)	12	(2)	39	(8)	21	(4)	0	(0)	11	(2)	52	(10)	21	(4)	57	(11)	120	(24)	14	(3)	3	(1)	497	(8.6)
	10	7	(1)	14	(3)	172	(32)	16	(3)	18	(3)	22	(4)	0	(0)	13	(2)	41	(8)	17	(3)	61	(11)	141	(26)	12	(2)	1	(0)	535	(9.3)
	11	8	(2)	5	(1)	119	(23)	15	(3)	29	(6)	18	(4)	2	(0)	13	(3)	33	(6)	11	(2)	54	(11)	187	(37)	9	(2)	5	(1)	508	(8.8)
	12	11	(2)	10	(2)	134	(25)	13	(2)	27	(5)	37	(7)	0	(0)	8	(2)	51	(10)	17	(3)	43	(8)	165	(31)	8	(2)	3	(1)	527	(9.1)
2008 Total		**88**	**(1.5)**	**73**	**(1.3)**	**1,708**	**(29.6)**	**166**	**(2.9)**	**383**	**(6.6)**	**283**	**(4.9)**	**11**	**(0.2)**	**152**	**(2.6)**	**564**	**(9.8)**	**203**	**(3.5)**	**438**	**(7.6)**	**1,486**	**(25.8)**	**171**	**(3.0)**	**40**	**(0.7)**	5,766	
Grand Total		**214**	**(1.3)**	**245**	**(1.5)**	**5,159**	**(31.3)**	**453**	**(2.7)**	**1,063**	**(6.4)**	**760**	**(4.6)**	**49**	**(0.3)**	**380**	**(2.3)**	**1,630**	**(9.9)**	**611**	**(3.7)**	**996**	**(6.0)**	**4,335**	**(26.3)**	**478**	**(2.9)**	**121**	**(0.7)**	16,494	

Figure 7 Admissions by month and primary diagnostic group, 2006 - 2008

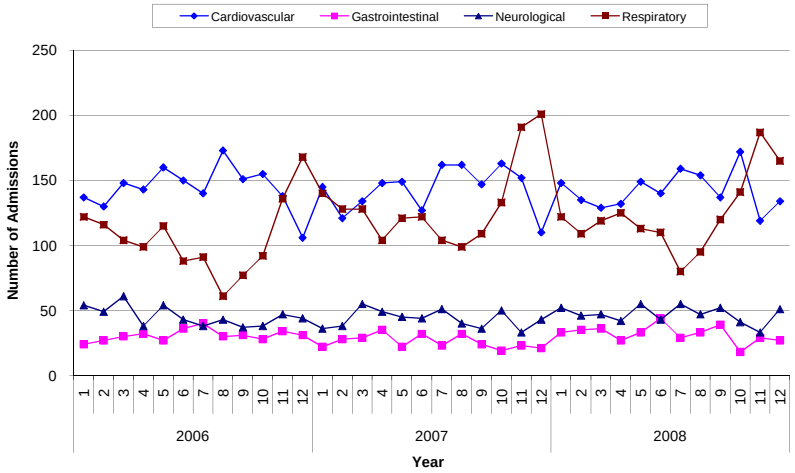


Table 8 Respiratory admissions by month and age, 2006 - 2008

Year	Month	Age Group (Years) <1 n	<1 %	1-4 n	1-4 %	5-10 n	5-10 %	11-15 n	11-15 %	Total n	Total %
2006	**1**	76	(62)	31	(25)	8	(7)	7	(6)	**122**	**(9.6)**
	2	52	(45)	39	(34)	18	(16)	7	(6)	**116**	**(9.1)**
	3	49	(47)	37	(36)	11	(11)	7	(7)	**104**	**(8.2)**
	4	52	(53)	33	(33)	12	(12)	2	(2)	**99**	**(7.8)**
	5	54	(47)	42	(37)	9	(8)	10	(9)	**115**	**(9.1)**
	6	50	(57)	26	(30)	6	(7)	6	(7)	**88**	**(6.9)**
	7	36	(40)	32	(35)	14	(15)	9	(10)	**91**	**(7.2)**
	8	30	(49)	21	(34)	6	(10)	4	(7)	**61**	**(4.8)**
	9	36	(47)	23	(30)	10	(13)	8	(10)	**77**	**(6.1)**
	10	38	(41)	40	(43)	9	(10)	5	(5)	**92**	**(7.2)**
	11	70	(51)	37	(27)	18	(13)	11	(8)	**136**	**(10.7)**
	12	107	(64)	41	(24)	13	(8)	7	(4)	**168**	**(13.2)**
2006 Total		**650**	**(51.2)**	**402**	**(31.7)**	**134**	**(10.6)**	**83**	**(6.5)**	**1,269**	
2007	**1**	91	(65)	31	(22)	12	(9)	6	(4)	**140**	**(8.9)**
	2	64	(50)	40	(31)	16	(13)	8	(6)	**128**	**(8.1)**
	3	50	(39)	49	(38)	16	(13)	13	(10)	**128**	**(8.1)**
	4	44	(42)	38	(37)	9	(9)	13	(13)	**104**	**(6.6)**
	5	54	(45)	40	(33)	11	(9)	16	(13)	**121**	**(7.7)**
	6	48	(39)	46	(38)	20	(16)	8	(7)	**122**	**(7.7)**
	7	47	(45)	28	(27)	19	(18)	10	(10)	**104**	**(6.6)**
	8	43	(43)	37	(37)	12	(12)	7	(7)	**99**	**(6.3)**
	9	54	(50)	28	(26)	11	(10)	16	(15)	**109**	**(6.9)**
	10	55	(41)	41	(31)	24	(18)	13	(10)	**133**	**(8.4)**
	11	112	(59)	57	(30)	12	(6)	10	(5)	**191**	**(12.1)**
	12	143	(71)	43	(21)	12	(6)	3	(1)	**201**	**(12.7)**
2007 Total		**805**	**(50.9)**	**478**	**(30.3)**	**174**	**(11.0)**	**123**	**(7.8)**	**1,580**	
2008	**1**	72	(59)	28	(23)	17	(14)	5	(4)	**122**	**(8.2)**
	2	54	(50)	31	(28)	13	(12)	11	(10)	**109**	**(7.3)**
	3	52	(44)	46	(39)	16	(13)	5	(4)	**119**	**(8.0)**
	4	56	(45)	43	(34)	15	(12)	11	(9)	**125**	**(8.4)**
	5	45	(40)	48	(42)	8	(7)	12	(11)	**113**	**(7.6)**
	6	45	(41)	42	(38)	15	(14)	8	(7)	**110**	**(7.4)**
	7	36	(45)	25	(31)	8	(10)	11	(14)	**80**	**(5.4)**
	8	51	(54)	29	(31)	8	(8)	7	(7)	**95**	**(6.4)**
	9	52	(43)	41	(34)	15	(13)	12	(10)	**120**	**(8.1)**
	10	71	(50)	47	(33)	14	(10)	9	(6)	**141**	**(9.5)**
	11	120	(64)	46	(25)	12	(6)	9	(5)	**187**	**(12.6)**
	12	94	(57)	51	(31)	12	(7)	8	(5)	**165**	**(11.1)**
2008 Total		**748**	**(50.3)**	**477**	**(32.1)**	**153**	**(10.3)**	**108**	**(7.3)**	**1,486**	
Grand Total		**2,203**	**(50.8)**	**1,357**	**(31.3)**	**461**	**(10.6)**	**314**	**(7.2)**	**4,335**	

Figure 8 Respiratory admissions by month and age, 2006 - 2008

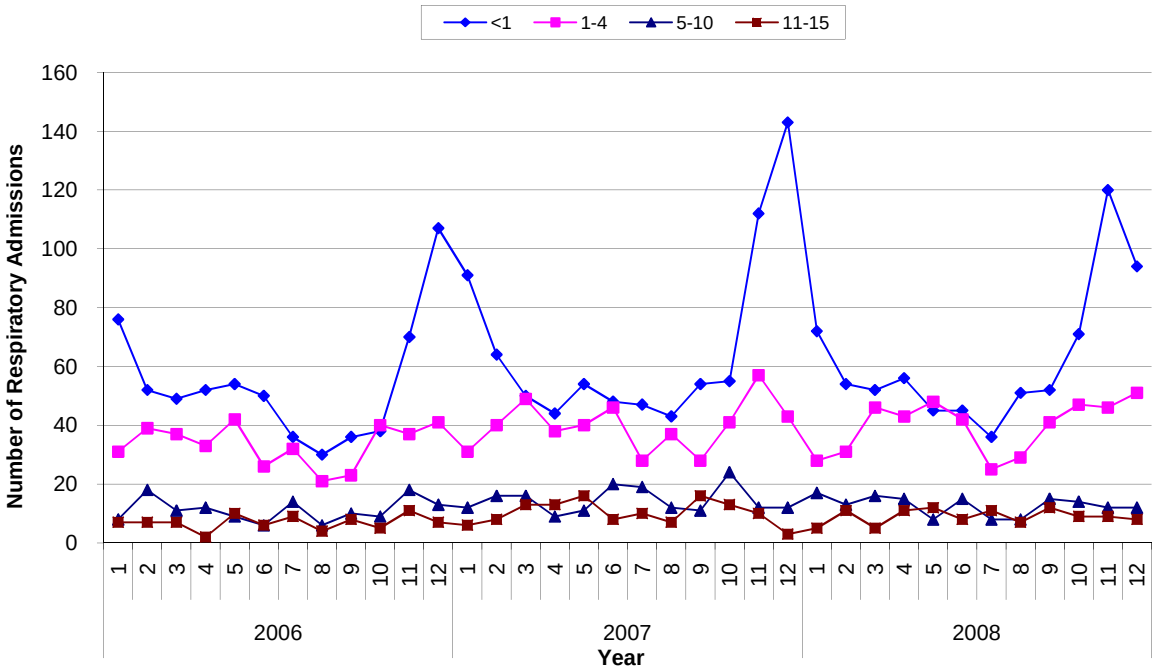


Table 9 Admissions by month by NHS trust, 2006 - 2008

Year	NHS Trust	Month																								Total	
		January		February		March		April		May		June		July		August		September		October		November		December			
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2006	**A**	30	(7)	47	(10)	35	(8)	27	(6)	38	(8)	39	(9)	37	(8)	35	(8)	35	(8)	46	(10)	32	(7)	48	(11)	**449**	**(8.6)**
	B	15	(7)	26	(11)	23	(10)	13	(6)	19	(8)	18	(8)	15	(7)	22	(10)	21	(9)	12	(5)	26	(11)	17	(7)	**227**	**(4.4)**
	E	134	(8)	110	(7)	146	(9)	133	(8)	136	(9)	139	(9)	150	(9)	139	(9)	141	(9)	125	(8)	130	(8)	116	(7)	**1,599**	**(30.6)**
	F	100	(9)	104	(10)	89	(8)	91	(8)	87	(8)	84	(8)	81	(7)	78	(7)	86	(8)	85	(8)	88	(8)	114	(10)	**1,087**	**(20.8)**
	H	29	(9)	17	(5)	17	(5)	25	(8)	28	(9)	28	(9)	30	(10)	30	(10)	25	(8)	23	(7)	32	(10)	31	(10)	**315**	**(6.0)**
	J	5	(7)	6	(8)	7	(9)	7	(9)	6	(8)	5	(7)	2	(3)	3	(4)	5	(7)	5	(7)	13	(18)	10	(14)	**74**	**(1.4)**
	O	54	(8)	45	(7)	47	(7)	50	(8)	64	(10)	55	(8)	53	(8)	72	(11)	53	(8)	65	(10)	60	(9)	39	(6)	**657**	**(12.6)**
	T	38	(9)	46	(10)	41	(9)	36	(8)	30	(7)	28	(6)	46	(10)	35	(8)	36	(8)	29	(7)	35	(8)	42	(10)	**442**	**(8.5)**
	U	38	(10)	35	(10)	39	(11)	26	(7)	40	(11)	23	(6)	23	(6)	15	(4)	23	(6)	37	(10)	35	(10)	33	(9)	**367**	**(7.0)**
2006 Total		**443**	**(8.5)**	**436**	**(8.4)**	**444**	**(8.5)**	**408**	**(7.8)**	**448**	**(8.6)**	**419**	**(8.0)**	**437**	**(8.4)**	**429**	**(8.2)**	**425**	**(8.1)**	**427**	**(8.2)**	**451**	**(8.6)**	**450**	**(8.6)**	5,217	
2007	**A**	47	(9)	41	(8)	47	(9)	49	(10)	44	(9)	35	(7)	37	(7)	50	(10)	35	(7)	45	(9)	41	(8)	41	(8)	**512**	**(9.3)**
	B	25	(15)	17	(10)	19	(11)	18	(11)	23	(13)	19	(11)	8	(5)	7	(4)	3	(2)	10	(6)	11	(6)	11	(6)	**171**	**(3.1)**
	E	107	(7)	93	(6)	121	(8)	115	(8)	119	(8)	129	(9)	138	(9)	148	(10)	125	(8)	129	(9)	133	(9)	116	(8)	**1,473**	**(26.7)**
	F	105	(9)	92	(8)	98	(8)	87	(7)	101	(8)	93	(8)	100	(8)	98	(8)	84	(7)	115	(10)	121	(10)	103	(9)	**1,197**	**(21.7)**
	H	19	(7)	21	(7)	36	(12)	24	(8)	27	(9)	25	(9)	27	(9)	14	(5)	38	(13)	17	(6)	13	(4)	29	(10)	**290**	**(5.3)**
	J	11	(9)	8	(7)	8	(7)	8	(7)	2	(2)	10	(8)	13	(11)	11	(9)	7	(6)	19	(16)	12	(10)	10	(8)	**119**	**(2.2)**
	O	68	(11)	54	(8)	42	(7)	61	(10)	62	(10)	43	(7)	51	(8)	47	(7)	53	(8)	53	(8)	59	(9)	45	(7)	**638**	**(11.6)**
	T	35	(9)	27	(7)	38	(10)	31	(8)	30	(8)	45	(12)	38	(10)	23	(6)	20	(5)	31	(8)	31	(8)	36	(9)	**385**	**(7.0)**
	U	32	(9)	31	(8)	33	(9)	26	(7)	33	(9)	22	(6)	26	(7)	27	(7)	27	(7)	30	(8)	39	(11)	41	(11)	**367**	**(6.7)**
	Z	0	(0)	11	(3)	31	(9)	37	(10)	38	(11)	33	(9)	26	(7)	30	(8)	37	(10)	43	(12)	39	(11)	34	(9)	**359**	**(6.5)**
2007 Total		**449**	**(8.1)**	**395**	**(7.2)**	**473**	**(8.6)**	**456**	**(8.3)**	**479**	**(8.7)**	**454**	**(8.2)**	**464**	**(8.4)**	**455**	**(8.3)**	**429**	**(7.8)**	**492**	**(8.9)**	**499**	**(9.1)**	**466**	**(8.5)**	5,511	
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**	**(8.2)**
	B	30	(11)	29	(10)	29	(10)	29	(10)	25	(9)	22	(8)	16	(6)	22	(8)	27	(10)	24	(8)	13	(5)	18	(6)	**284**	**(4.9)**
	E	132	(8)	134	(9)	108	(7)	116	(7)	142	(9)	140	(9)	133	(8)	135	(9)	125	(8)	150	(10)	127	(8)	124	(8)	**1,566**	**(27.2)**
	F	87	(8)	83	(7)	101	(9)	83	(7)	103	(9)	101	(9)	105	(9)	98	(8)	86	(7)	92	(8)	106	(9)	111	(10)	**1,156**	**(20.0)**
	H	30	(8)	18	(5)	25	(7)	21	(5)	36	(9)	22	(6)	21	(5)	31	(8)	42	(11)	51	(13)	48	(13)	37	(10)	**382**	**(6.6)**
	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**	**(2.2)**
	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**	**(10.6)**
	T	36	(8)	35	(7)	41	(9)	37	(8)	46	(10)	38	(8)	45	(9)	28	(6)	37	(8)	43	(9)	44	(9)	46	(10)	**476**	**(8.3)**
	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**	**(5.2)**
	Z	26	(7)	30	(8)	35	(9)	25	(6)	21	(5)	26	(7)	34	(9)	24	(6)	35	(9)	41	(10)	45	(11)	50	(13)	**392**	**(6.8)**
2008 Total		**482**	**(8.4)**	**438**	**(7.6)**	**463**	**(8.0)**	**428**	**(7.4)**	**496**	**(8.6)**	**463**	**(8.0)**	**460**	**(8.0)**	**469**	**(8.1)**	**497**	**(8.6)**	**535**	**(9.3)**	**508**	**(8.8)**	**527**	**(9.1)**	5,766	
Grand Total		**1,374**	**(8.3)**	**1,269**	**(7.7)**	**1,380**	**(8.4)**	**1,292**	**(7.8)**	**1,423**	**(8.6)**	**1,336**	**(8.1)**	**1,361**	**(8.3)**	**1,353**	**(8.2)**	**1,351**	**(8.2)**	**1,454**	**(8.8)**	**1,458**	**(8.8)**	**1,443**	**(8.7)**	16,494	

Table 10 Admissions by SHA / HB and year, 2006 - 2008

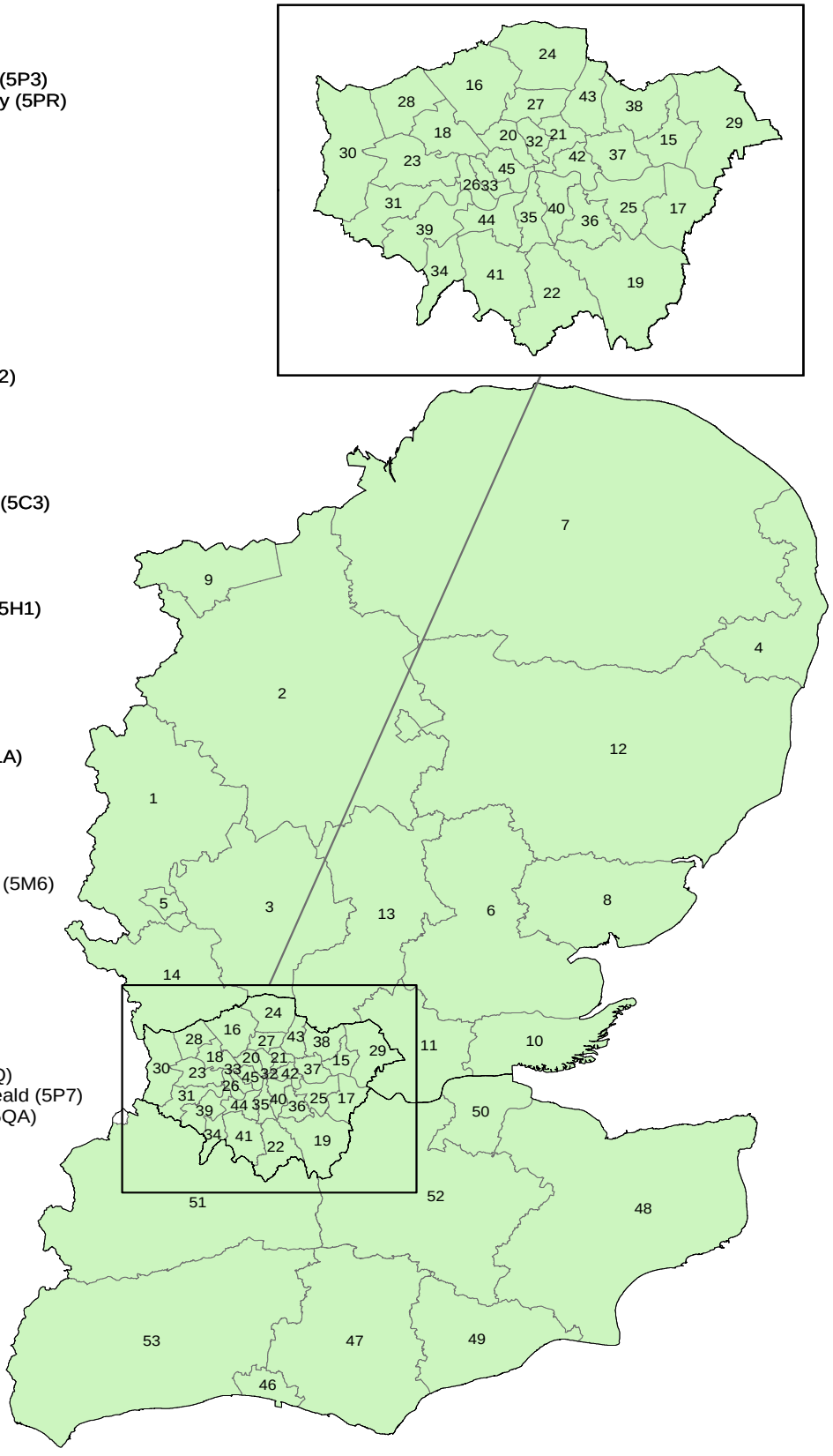
Country	SHA	Year 2006 n	2006 %	2007 n	2007 %	2008 n	2008 %	Total n	Total %
Channel Islands	Alderney	0	(0)	0	(0)	2	(100)	**2**	**(20.0)**
	Jersey	2	(25)	4	(50)	2	(25)	**8**	**(80.0)**
Channel Islands Total		**2**	**(20.0)**	**4**	**(40.0)**	**4**	**(40.0)**	**10**	
England	East Midlands	57	(32)	69	(39)	52	(29)	**178**	**(1.1)**
	East of England	1,133	(32)	1,247	(35)	1,157	(33)	**3,537**	**(22.8)**
	London	2,273	(30)	2,559	(34)	2,693	(36)	**7,525**	**(48.6)**
	North East	1	(8)	7	(58)	4	(33)	**12**	**-**
	North West	23	(24)	43	(46)	28	(30)	**94**	**(0.6)**
	South Central	210	(37)	153	(27)	206	(36)	**569**	**(3.7)**
	South East Coast	1,069	(33)	1,032	(32)	1,172	(36)	**3,273**	**(21.1)**
	South West	51	(35)	42	(29)	53	(36)	**146**	**(0.9)**
	West Midlands	29	(33)	29	(33)	29	(33)	**87**	**(0.6)**
	Yorkshire and the Humber	29	(39)	22	(29)	24	(32)	**75**	**(0.5)**
England Total		**4,875**	**(31.5)**	**5,203**	**(33.6)**	**5,418**	**(35.0)**	**15,496**	
Isle of Man	Isle of Man	1	(100)	0	(0)	0	(0)	**1**	**(100.0)**
Isle of Man Total		**1**	**(100.0)**	**0**	**(0.0)**	**0**	**(0.0)**	**1**	
Northern Ireland	Eastern Health Board	0	(0)	1	(20)	4	(80)	**5**	**(12.5)**
	Northern Health Board	2	(20)	1	(10)	7	(70)	**10**	**(25.0)**
	Southern Health Board	7	(58)	2	(17)	3	(25)	**12**	**(30.0)**
	Western Health Board	4	(31)	5	(38)	4	(31)	**13**	**(32.5)**
Northern Ireland Total		**13**	**(32.5)**	**9**	**(22.5)**	**18**	**(45.0)**	**40**	
Scotland	Argyll and Clyde	1	(17)	2	(33)	3	(50)	**6**	**(8.3)**
	Ayrshire & Arran	0	(0)	0	(0)	6	(100)	**6**	**(8.3)**
	Dumfries and Galloway	0	(0)	2	(100)	0	(0)	**2**	**(2.8)**
	Fife	4	(80)	0	(0)	1	(20)	**5**	**(6.9)**
	Forth Valley	0	(0)	0	(0)	4	(100)	**4**	**(5.6)**
	Grampian	5	(42)	4	(33)	3	(25)	**12**	**(16.7)**
	Greater Glasgow	0	(0)	6	(55)	5	(45)	**11**	**(15.3)**
	Highland	1	(20)	2	(40)	2	(40)	**5**	**(6.9)**
	Lanarkshire	5	(45)	4	(36)	2	(18)	**11**	**(15.3)**
	Lothian	1	(17)	0	(0)	5	(83)	**6**	**(8.3)**
	Tayside	2	(50)	1	(25)	1	(25)	**4**	**(5.6)**
Scotland Total		**19**	**(26.4)**	**21**	**(29.2)**	**32**	**(44.4)**	**72**	
Wales	Welsh Health Authorities	17	(27)	16	(25)	31	(48)	**64**	**(100.0)**
Wales Total		**17**	**(26.6)**	**16**	**(25.0)**	**31**	**(48.4)**	**64**	
Non-UK / Missing	Unknown	290	(36)	258	(32)	263	(32)	**811**	**(100.0)**
Non-UK / Missing Total		**290**	**(35.8)**	**258**	**(31.8)**	**263**	**(32.4)**	**811**	
Grand Total		**5,217**	**(31.6)**	**5,511**	**(33.4)**	**5,766**	**(35.0)**	**16,494**	

Figure 10 Map showing PCO boundaries within SHA boundaries

East of England (Q35)
1 - Bedfordshire (5P2)
2 - Cambridgeshire (5PP)
3 - East and North Hertfordshire (5P3)
4 - Great Yarmouth and Waveney (5PR)
5 - Luton (5GC)
6 - Mid Essex (5PX)
7 - Norfolk (5PQ)
8 - North East Essex (5PW)
9 - Peterborough (5PN)
10 - South East Essex (5P1)
11 - South West Essex (5PY)
12 - Suffolk (5PT)
13 - West Essex (5PV)
14 - West Hertfordshire (5P4)

London (Q36)
15 - Barking and Dagenham (5C2)
16 - Barnet (5A9)
17 - Bexley (TAK)
18 - Brent Teaching (5K5)
19 - Bromley (5A7)
20 - Camden (5K7)
21 - City and Hackney Teaching (5C3)
22 - Croydon (5K9)
23 - Ealing (5HX)
24 - Enfield (5C1)
25 - Greenwich Teaching (5A8)
26 - Hammersmith and Fulham (5H1)
27 - Haringey Teaching (5C9)
28 - Harrow (5K6)
29 - Havering (5A4)
30 - Hillingdon (5AT)
31 - Hounslow (5HY)
32 - Islington (5K8)
33 - Kensington and Chelsea (5LA)
34 - Kingston (5A5)
35 - Lambeth (5LD)
36 - Lewisham (5LF)
37 - Newham (5C5)
38 - Redbridge (5NA)
39 - Richmond and Twickenham (5M6)
40 - Southwark (5LE)
41 - Sutton and Merton (5M7)
42 - Tower Hamlets (5C4)
43 - Waltham Forest (5NC)
44 - Wandsworth (5LG)
45 - Westminster (5LC)

South East Coast (Q37)
46 - Brighton and Hove City (5LQ)
47 - East Sussex Downs and Weald (5P7)
48 - Eastern and Coastal Kent (5QA)
49 - Hastings and Rother (5P8)
50 - Medway (5L3)
51 - Surrey (5P5)
52 - West Kent (5P9)
53 - West Sussex (5P6)



Note: Part of Berkshire East PCT falls within South East Coast SHA but it is not listed here as it reports to South Central SHA.

Table 10a Admissions showing UK and non-UK status based postal address by year 2006 - 2008 (Pan Thames and non-Pan Thames admissions)

Area of Residence	Admissions to Pan Thames units								Admissions to non-Pan Thames units								Total							
	2006		2007		2008		Total		2006		2007		2008		Total		2006		2007		2008		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Pan Thames	4,475	(31.2)	4,838	(33.7)	5,022	(35.0)	14,335	(86.9)	139	(29.0)	194	(40.5)	146	(30.5)	479	(1.6)	**4,614**	**(31.1)**	**5,032**	**(34.0)**	**5,168**	**(34.9)**	**14,814**	**(32.2)**
Rest of UK	452	(33.5)	415	(30.8)	481	(35.7)	1,348	(8.2)	8,931	31.03	9,800	34.04	10,055	34.93	**28,786**	(97.6)	**9,383**	**(31.1)**	**10,215**	**(33.9)**	**10,536**	**(35.0)**	**30,134**	**(65.5)**
Non-UK	285	(38.1)	236	(31.6)	227	(30.3)	748	(4.5)	32	(26.0)	44	(35.8)	47	(38.2)	123	(0.4)	**317**	**(36.4)**	**280**	**(32.1)**	**274**	**(31.5)**	**871**	**(1.9)**
Missing	5	(7.9)	22	(34.9)	36	(57.1)	63	(0.4)	9	(7.9)	30	(26.3)	75	(65.8)	114	(0.4)	**14**	**7.91**	**52**	**29.38**	**111**	**62.71**	**177**	**(0.4)**
Grand Total	**5,217**		**5,511**		**5,766**		**16,494**		**9,111**		**10,068**		**10,323**		**29,502**		**14,328**		**15,579**		**16,089**		**45,996**	

Table 10b Inflow and outflow to/from the Pan Thames region by month, 2006 - 2008

Year	Month	Admissions		Retrievals		Bed days	
		inflow	outflow	inflow	outflow	inflow	outflow
2006	1	68	7	18	7	437	30
	2	54	13	18	6	331	49
	3	62	13	18	4	431	125
	4	54	13	19	5	441	40
	5	78	14	30	7	428	38
	6	73	9	13	3	439	44
	7	61	8	14	4	395	29
	8	63	10	18	4	448	54
	9	68	12	17	4	397	47
	10	47	12	14	7	372	31
	11	63	11	19	4	428	41
	12	51	17	19	10	425	81
2006 Total		**742**	**139**	**217**	**65**	**4,972**	**609**
2007	1	42	12	11	6	394	95
	2	64	12	16	6	459	84
	3	54	18	17	12	423	124
	4	58	20	23	13	498	79
	5	59	23	18	10	426	93
	6	57	12	26	5	342	62
	7	60	22	11	14	408	127
	8	60	7	13	3	361	53
	9	57	6	10	3	305	23
	10	59	13	14	5	440	48
	11	54	19	18	15	377	99
	12	49	30	22	24	351	174
2007 Total		**673**	**194**	**199**	**116**	**4,784**	**1,061**
2008	1	45	18	12	8	278	147
	2	44	9	12	2	306	71
	3	55	8	18	4	523	60
	4	61	9	15	6	561	62
	5	52	8	21	4	465	82
	6	81	9	24	6	527	73
	7	86	15	26	7	542	76
	8	67	13	21	4	505	101
	9	72	13	19	9	438	120
	10	61	11	17	5	438	65
	11	62	17	27	8	458	127
	12	58	16	33	9	483	82
2008 Total		**744**	**146**	**245**	**72**	**5,524**	**1,066**
Grand Total		**2,159**	**479**	**661**	**253**	15280	**2,736**

Table 10c Inflow to the Pan Thames region by NHS trust, 2006 - 2008

Year	NHS Trust	Admissions	Retrievals	Bed days
2006	**A**	22	4	180
	B	1	0	2
	E	335	108	2,487
	F	129	43	616
	H	63	21	573
	J	1	0	2
	O	131	12	812
	T	36	12	133
	U	24	17	167
2006 Total		**742**	**217**	**4,972**
2007	**A**	24	12	135
	B	1	0	9
	E	330	90	2,517
	F	123	45	773
	H	49	10	412
	J	0	0	0
	O	86	10	493
	T	25	7	199
	U	30	24	232
	Z	5	1	14
2007 Total		**673**	**199**	**4,784**
2008	**A**	14	5	66
	B	3	0	9
	E	368	133	2,955
	F	146	50	844
	H	58	9	260
	J	1	0	2
	O	89	11	1,024
	T	39	22	151
	U	20	14	182
	Z	6	1	31
2008 Total		**744**	**245**	**5,524**
Grand Total		**2,159**	**661**	**15,280**

Table 10d Outflow from the Pan Thames region by NHS trust, 2006 - 2008

Year	NHS Trust	Admissions	Retrievals	Bed days
2006	C	1	0	2
	D	4	3	10
	I	4	1	9
	K	2	0	4
	L	1	1	15
	M	4	3	13
	N	7	4	28
	P	4	3	22
	Q	1	0	2
	R	58	28	237
	S	2	1	3
	V	10	2	64
	W	1	1	2
	X	38	16	194
	Y	2	2	4
2006 Total		**139**	**65**	**609**
2007	C	1	1	4
	D	1	1	2
	I	0	0	12
	K	4	4	63
	L	1	1	14
	M	5	4	30
	N	17	6	66
	P	4	1	20
	Q	0	0	0
	R	81	48	324
	S	0	0	0
	V	20	5	109
	W	6	4	67
	X	49	38	283
	Y	3	2	41
	ZA	2	1	26
2007 Total		**194**	**116**	**1,061**
2008	C	2	2	4
	D	1	0	2
	I	4	1	8
	J	0	0	0
	K	2	1	14
	L	2	2	6
	M	6	2	49
	N	5	1	18
	P	5	2	14
	Q	3	0	52
	R	67	33	364
	S	0	0	0
	V	11	1	78
	W	2	2	17
	X	33	23	426
	Y	1	1	2
	ZA	1	0	2
	ZB	1	1	10
2008 Total		**146**	**72**	**1,066**
Grand Total		**479**	**253**	**2,736**

Table 11 Admissions by mortality risk group by NHS trust, 2006 - 2008

Year	NHS Trust	PIM Group <1% n	<1% %	1 - <5% n	1 - <5% %	5 - <15% n	5 - <15% %	15 - <30% n	15 - <30% %	30%+ n	30%+ %	Total n	Total %
2006	**A**	101	(22)	234	(52)	99	(22)	13	(3)	2	(0)	**449**	**(8.6)**
	B	63	(28)	133	(59)	28	(12)	2	(1)	1	(0)	**227**	**(4.4)**
	E	136	(9)	836	(52)	490	(31)	88	(6)	49	(3)	**1,599**	**(30.6)**
	F	59	(5)	598	(55)	342	(31)	68	(6)	20	(2)	**1,087**	**(20.8)**
	H	63	(20)	177	(56)	58	(18)	6	(2)	11	(3)	**315**	**(6.0)**
	J	21	(28)	37	(50)	14	(19)	1	(1)	1	(1)	**74**	**(1.4)**
	O	57	(9)	508	(77)	74	(11)	13	(2)	5	(1)	**657**	**(12.6)**
	T	127	(29)	204	(46)	93	(21)	13	(3)	5	(1)	**442**	**(8.5)**
	U	12	(3)	115	(31)	180	(49)	46	(13)	14	(4)	**367**	**(7.0)**
2006 Total		**639**	**(12.2)**	**2,842**	**(54.5)**	**1,378**	**(26.4)**	**250**	**(4.8)**	**108**	**(2.1)**	**5,217**	
2007	**A**	119	(23)	259	(51)	109	(21)	14	(3)	11	(2)	**512**	**(9.3)**
	B	40	(23)	107	(63)	22	(13)	1	(1)	1	(1)	**171**	**(3.1)**
	E	158	(11)	821	(56)	368	(25)	94	(6)	32	(2)	**1,473**	**(26.7)**
	F	60	(5)	621	(52)	416	(35)	66	(6)	34	(3)	**1,197**	**(21.7)**
	H	79	(27)	133	(46)	62	(21)	11	(4)	5	(2)	**290**	**(5.3)**
	J	38	(32)	65	(55)	13	(11)	3	(3)	0	(0)	**119**	**(2.2)**
	O	72	(11)	470	(74)	77	(12)	11	(2)	8	(1)	**638**	**(11.6)**
	T	107	(28)	177	(46)	72	(19)	19	(5)	10	(3)	**385**	**(7.0)**
	U	12	(3)	99	(27)	208	(57)	32	(9)	16	(4)	**367**	**(6.7)**
	Z	68	(19)	261	(73)	26	(7)	2	(1)	2	(1)	**359**	**(6.5)**
2007 Total		**753**	**(13.7)**	**3,013**	**(54.7)**	**1,373**	**(24.9)**	**253**	**(4.6)**	**119**	**(2.2)**	**5,511**	
2008	**A**	141	(30)	227	(48)	90	(19)	10	(2)	2	(0)	**470**	**(8.2)**
	B	71	(25)	178	(63)	31	(11)	2	(1)	2	(1)	**284**	**(4.9)**
	E	162	(10)	765	(49)	488	(31)	111	(7)	40	(3)	**1,566**	**(27.2)**
	F	91	(8)	569	(49)	397	(34)	72	(6)	27	(2)	**1,156**	**(20.0)**
	H	194	(51)	143	(37)	35	(9)	5	(1)	5	(1)	**382**	**(6.6)**
	J	44	(34)	69	(53)	14	(11)	0	(0)	2	(2)	**129**	**(2.2)**
	O	61	(10)	475	(78)	67	(11)	5	(1)	2	(0)	**610**	**(10.6)**
	T	131	(28)	223	(47)	105	(22)	7	(1)	10	(2)	**476**	**(8.3)**
	U	18	(6)	112	(37)	148	(49)	19	(6)	4	(1)	**301**	**(5.2)**
	Z	63	(16)	253	(65)	66	(17)	7	(2)	3	(1)	**392**	**(6.8)**
2008 Total		**976**	**(16.9)**	**3,014**	**(52.3)**	**1,441**	**(25.0)**	**238**	**(4.1)**	**97**	**(1.7)**	**5,766**	
Grand Total		**2,368**	**(14.4)**	**8,869**	**(53.8)**	**4,192**	**(25.4)**	**741**	**(4.5)**	**324**	**(2.0)**	**16,494**	

Table 12 Admissions by admission type and age, 2006 - 2008

Admission Type	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Planned - following surgery	2,448	(44)	1,573	(29)	775	(14)	720	(13)	**5,516**	**(33.4)**
Unplanned - following surgery	356	(52)	141	(21)	102	(15)	80	(12)	**679**	**(4.1)**
Planned - other	714	(56)	256	(20)	150	(12)	145	(11)	**1,266**	**(7.7)**
Unplanned - other	4,445	(49)	2,386	(26)	1,096	(12)	1,098	(12)	**9,025**	**(54.7)**
Unknown	3	(38)	1	(13)	2	(25)	2	(25)	**8**	**-**
Total	**7,966**	**(48.3)**	**4,357**	**(26.4)**	**2,125**	**(12.9)**	**2,045**	**(12.4)**	**16,494**	

Figure 12 Admissions by admission type, 2006 - 2008

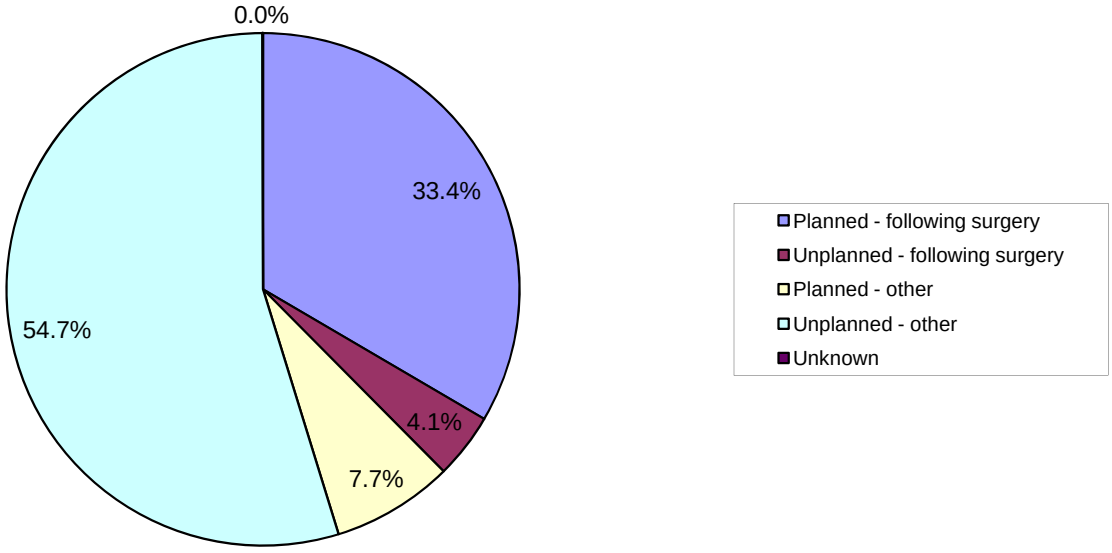


Table 13 Admissions by admission type by NHS trust, 2006 - 2008

Year	NHS Trust	Admission Type: Planned - following surgery		Unplanned - following surgery		Planned - other		Unplanned - other		Unknown		Total	
		n	%	n	%	n	%	n	%	n	%	n	%
2006	**A**	132	(29)	44	(10)	13	(3)	260	(58)	0	(0)	**449**	**(8.6)**
	B	64	(28)	40	(18)	11	(5)	112	(49)	0	(0)	**227**	**(4.4)**
	E	527	(33)	0	(0)	98	(6)	974	(61)	0	(0)	**1,599**	**(30.6)**
	F	394	(36)	59	(5)	23	(2)	611	(56)	0	(0)	**1,087**	**(20.8)**
	H	101	(32)	16	(5)	72	(23)	126	(40)	0	(0)	**315**	**(6.0)**
	J	20	(27)	16	(22)	2	(3)	36	(49)	0	(0)	**74**	**(1.4)**
	O	423	(64)	3	(0)	116	(18)	115	(18)	0	(0)	**657**	**(12.6)**
	T	152	(34)	17	(4)	10	(2)	263	(60)	0	(0)	**442**	**(8.5)**
	U	22	(6)	8	(2)	4	(1)	333	(91)	0	(0)	**367**	**(7.0)**
2006 Total		**1,835**	**(35.2)**	**203**	**(3.9)**	**349**	**(6.7)**	**2,830**	**(54.2)**	**0**	**(0.0)**	5,217	
2007	**A**	110	(21)	37	(7)	28	(5)	337	(66)	0	(0)	**512**	**(9.3)**
	B	41	(24)	21	(12)	9	(5)	100	(58)	0	(0)	**171**	**(3.1)**
	E	566	(38)	2	(0)	100	(7)	805	(55)	0	(0)	**1,473**	**(26.7)**
	F	414	(35)	67	(6)	26	(2)	690	(58)	0	(0)	**1,197**	**(21.7)**
	H	87	(30)	12	(4)	59	(20)	132	(46)	0	(0)	**290**	**(5.3)**
	J	38	(32)	14	(12)	1	(1)	66	(55)	0	(0)	**119**	**(2.2)**
	O	366	(57)	2	(0)	155	(24)	115	(18)	0	(0)	**638**	**(11.6)**
	T	121	(31)	30	(8)	13	(3)	221	(57)	0	(0)	**385**	**(7.0)**
	U	19	(5)	11	(3)	6	(2)	331	(90)	0	(0)	**367**	**(6.7)**
	Z	46	(13)	21	(6)	28	(8)	259	(72)	5	(1)	**359**	**(6.5)**
2007 Total		**1,808**	**(32.8)**	**217**	**(3.9)**	**425**	**(7.7)**	**3,056**	**(55.5)**	**5**	**(0.1)**	5,511	
2008	**A**	143	(30)	35	(7)	18	(4)	274	(58)	0	(0)	**470**	**(8.2)**
	B	54	(19)	18	(6)	19	(7)	190	(67)	3	(1)	**284**	**(4.9)**
	E	576	(37)	16	(1)	87	(6)	887	(57)	0	(0)	**1,566**	**(27.2)**
	F	430	(37)	99	(9)	24	(2)	603	(52)	0	(0)	**1,156**	**(20.0)**
	H	59	(15)	8	(2)	172	(45)	143	(37)	0	(0)	**382**	**(6.6)**
	J	45	(35)	12	(9)	2	(2)	70	(54)	0	(0)	**129**	**(2.2)**
	O	377	(62)	5	(1)	99	(16)	129	(21)	0	(0)	**610**	**(10.6)**
	T	131	(28)	30	(6)	22	(5)	293	(62)	0	(0)	**476**	**(8.3)**
	U	16	(5)	8	(3)	12	(4)	265	(88)	0	(0)	**301**	**(5.2)**
	Z	42	(11)	28	(7)	37	(9)	285	(73)	0	(0)	**392**	**(6.8)**
2008 Total		**1,873**	**(32.5)**	**259**	**(4.5)**	**492**	**(8.5)**	**3,139**	**(54.4)**	**3**	**(0.1)**	5,766	
Grand Total		**5,516**	**(33.4)**	**679**	**(4.1)**	**1,266**	**(7.7)**	**9,025**	**(54.7)**	**8**	**(0.0)**	16,494	

Table 14 Admissions by source of admission (admission type 'unplanned - other') by NHS trust, 2006 - 2008

Year	NHS Trust	Admission Source: Same hospital n	Same hospital %	Other hospital n	Other hospital %	Clinic n	Clinic %	Home n	Home %	Unknown n	Unknown %	Total n	Total %
2006	**A**	131	(50)	129	(50)	0	(0)	0	(0)	0	(0)	**260**	**(9.2)**
	B	100	(89)	8	(7)	0	(0)	4	(4)	0	(0)	**112**	**(4.0)**
	E	262	(27)	700	(72)	0	(0)	12	(1)	0	(0)	**974**	**(34.4)**
	F	148	(24)	463	(76)	0	(0)	0	(0)	0	(0)	**611**	**(21.6)**
	H	78	(62)	48	(38)	0	(0)	0	(0)	0	(0)	**126**	**(4.5)**
	J	34	(94)	2	(6)	0	(0)	0	(0)	0	(0)	**36**	**(1.3)**
	O	50	(43)	63	(55)	1	(1)	1	(1)	0	(0)	**115**	**(4.1)**
	T	130	(49)	131	(50)	0	(0)	2	(1)	0	(0)	**263**	**(9.3)**
	U	63	(19)	270	(81)	0	(0)	0	(0)	0	(0)	**333**	**(11.8)**
2006 Total		**996**	**(35.2)**	**1,814**	**(64.1)**	**1**	**(0.0)**	**19**	**(0.7)**	**0**	**(0.0)**	2,830	
2007	**A**	160	(47)	176	(52)	0	(0)	1	(0)	0	(0)	**337**	**(11.0)**
	B	87	(87)	10	(10)	0	(0)	3	(3)	0	(0)	**100**	**(3.3)**
	E	239	(30)	550	(68)	0	(0)	16	(2)	0	(0)	**805**	**(26.3)**
	F	129	(19)	561	(81)	0	(0)	0	(0)	0	(0)	**690**	**(22.6)**
	H	76	(58)	56	(42)	0	(0)	0	(0)	0	(0)	**132**	**(4.3)**
	J	66	(100)	0	(0)	0	(0)	0	(0)	0	(0)	**66**	**(2.2)**
	O	35	(30)	78	(68)	0	(0)	2	(2)	0	(0)	**115**	**(3.8)**
	T	93	(42)	125	(57)	1	(0)	2	(1)	0	(0)	**221**	**(7.2)**
	U	57	(17)	274	(83)	0	(0)	0	(0)	0	(0)	**331**	**(10.8)**
	Z	222	(86)	29	(11)	0	(0)	8	(3)	0	(0)	**259**	**(8.5)**
2007 Total		**1,164**	**(38.1)**	**1,859**	**(60.8)**	**1**	**(0.0)**	**32**	**(1.0)**	**0**	**(0.0)**	3,056	
2008	**A**	133	(49)	139	(51)	0	(0)	2	(1)	0	(0)	**274**	**(8.7)**
	B	179	(94)	7	(4)	1	(1)	2	(1)	1	(1)	**190**	**(6.1)**
	E	189	(21)	687	(77)	0	(0)	11	(1)	0	(0)	**887**	**(28.3)**
	F	136	(23)	467	(77)	0	(0)	0	(0)	0	(0)	**603**	**(19.2)**
	H	87	(61)	54	(38)	1	(1)	1	(1)	0	(0)	**143**	**(4.6)**
	J	69	(99)	1	(1)	0	(0)	0	(0)	0	(0)	**70**	**(2.2)**
	O	57	(44)	72	(56)	0	(0)	0	(0)	0	(0)	**129**	**(4.1)**
	T	124	(42)	164	(56)	0	(0)	5	(2)	0	(0)	**293**	**(9.3)**
	U	54	(20)	211	(80)	0	(0)	0	(0)	0	(0)	**265**	**(8.4)**
	Z	223	(78)	59	(21)	0	(0)	3	(1)	0	(0)	**285**	**(9.1)**
2008 Total		**1,251**	**(39.9)**	**1,861**	**(59.3)**	**2**	**(0.1)**	**24**	**(0.8)**	**1**	**(0.0)**	3,139	
Grand Total		**3,411**	**(37.8)**	**5,534**	**(61.3)**	**4**	**(0.0)**	**75**	**(0.8)**	**1**	**(0.0)**	9,025	

Table 15 Admissions by care area admitted from (admission type 'unplanned - other'; admitted from hospital) by NHS trust, 2006 - 2008

Year	NHS Trust	Care Area: 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		Total	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2006	A	60	(23)	0	(0)	19	(7)	2	(1)	0	(0)	2	(1)	173	(67)	0	(0)	4	(2)	**260**	**(9.3)**
	B	58	(54)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	47	(44)	2	(2)	0	(0)	**108**	**(3.8)**
	E	218	(23)	18	(2)	346	(36)	67	(7)	9	(1)	0	(0)	295	(31)	9	(1)	0	(0)	**962**	**(34.2)**
	F	24	(4)	15	(2)	76	(12)	1	(0)	0	(0)	20	(3)	285	(47)	4	(1)	186	(30)	**611**	**(21.7)**
	H	49	(39)	1	(1)	1	(1)	8	(6)	1	(1)	1	(1)	62	(49)	3	(2)	0	(0)	**126**	**(4.5)**
	J	19	(53)	1	(3)	0	(0)	0	(0)	0	(0)	0	(0)	16	(44)	0	(0)	0	(0)	**36**	**(1.3)**
	O	6	(5)	5	(4)	10	(9)	39	(35)	1	(1)	6	(5)	42	(37)	4	(4)	0	(0)	**113**	**(4.0)**
	T	70	(27)	2	(1)	3	(1)	2	(1)	1	(0)	8	(3)	110	(42)	0	(0)	65	(25)	**261**	**(9.3)**
	U	198	(59)	13	(4)	15	(5)	0	(0)	0	(0)	13	(4)	94	(28)	0	(0)	0	(0)	**333**	**(11.9)**
2006 Total		**702**	**(25.0)**	**55**	**(2.0)**	**471**	**(16.8)**	**119**	**(4.2)**	**12**	**(0.4)**	**50**	**(1.8)**	**1,124**	**(40.0)**	**22**	**(0.8)**	**255**	**(9.1)**	**2,810**	
2007	A	80	(24)	0	(0)	13	(4)	2	(1)	0	(0)	1	(0)	239	(71)	1	(0)	0	(0)	**336**	**(11.1)**
	B	42	(43)	2	(2)	2	(2)	1	(1)	0	(0)	2	(2)	48	(49)	0	(0)	0	(0)	**97**	**(3.2)**
	E	151	(19)	33	(4)	302	(38)	37	(5)	5	(1)	1	(0)	248	(31)	12	(2)	0	(0)	**789**	**(26.1)**
	F	26	(4)	23	(3)	73	(11)	0	(0)	0	(0)	18	(3)	310	(45)	7	(1)	233	(34)	**690**	**(22.8)**
	H	45	(34)	3	(2)	5	(4)	6	(5)	0	(0)	5	(4)	66	(50)	2	(2)	0	(0)	**132**	**(4.4)**
	J	42	(64)	1	(2)	0	(0)	2	(3)	0	(0)	4	(6)	17	(26)	0	(0)	0	(0)	**66**	**(2.2)**
	O	12	(11)	1	(1)	21	(19)	34	(30)	1	(1)	3	(3)	41	(36)	0	(0)	0	(0)	**113**	**(3.7)**
	T	75	(34)	2	(1)	4	(2)	1	(0)	2	(1)	8	(4)	83	(38)	0	(0)	43	(20)	**218**	**(7.2)**
	U	152	(46)	15	(5)	17	(5)	0	(0)	0	(0)	15	(5)	131	(40)	0	(0)	1	(0)	**331**	**(10.9)**
	Z	131	(52)	1	(0)	5	(2)	3	(1)	0	(0)	8	(3)	101	(40)	1	(0)	1	(0)	**251**	**(8.3)**
2007 Total		**756**	**(25.0)**	**81**	**(2.7)**	**442**	**(14.6)**	**86**	**(2.8)**	**8**	**(0.3)**	**65**	**(2.2)**	**1,284**	**(42.5)**	**23**	**(0.8)**	**278**	**(9.2)**	**3,023**	
2008	A	65	(24)	0	(0)	9	(3)	3	(1)	0	(0)	1	(0)	194	(71)	0	(0)	0	(0)	**272**	**(8.7)**
	B	129	(69)	3	(2)	1	(1)	2	(1)	0	(0)	6	(3)	43	(23)	2	(1)	0	(0)	**186**	**(6.0)**
	E	214	(24)	42	(5)	333	(38)	70	(8)	6	(1)	7	(1)	198	(23)	6	(1)	0	(0)	**876**	**(28.1)**
	F	32	(5)	14	(2)	74	(12)	0	(0)	0	(0)	10	(2)	279	(46)	3	(0)	191	(32)	**603**	**(19.4)**
	H	47	(33)	2	(1)	9	(6)	3	(2)	0	(0)	3	(2)	75	(53)	0	(0)	2	(1)	**141**	**(4.5)**
	J	52	(74)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	17	(24)	1	(1)	0	(0)	**70**	**(2.2)**
	O	15	(12)	11	(9)	12	(9)	39	(30)	10	(8)	5	(4)	32	(25)	5	(4)	0	(0)	**129**	**(4.1)**
	T	134	(47)	5	(2)	7	(2)	11	(4)	1	(0)	6	(2)	115	(40)	1	(0)	8	(3)	**288**	**(9.3)**
	U	132	(50)	5	(2)	30	(11)	0	(0)	0	(0)	14	(5)	82	(31)	1	(0)	1	(0)	**265**	**(8.5)**
	Z	147	(52)	0	(0)	6	(2)	3	(1)	1	(0)	9	(3)	110	(39)	0	(0)	6	(2)	**282**	**(9.1)**
2008 Total		**967**	**(31.1)**	**82**	**(2.6)**	**481**	**(15.5)**	**131**	**(4.2)**	**18**	**(0.6)**	**61**	**(2.0)**	**1,145**	**(36.8)**	**19**	**(0.6)**	**208**	**(6.7)**	**3,112**	
Grand Total		**2,425**	**(27.1)**	**218**	**(2.4)**	**1,394**	**(15.6)**	**336**	**(3.8)**	**38**	**(0.4)**	**176**	**(2.0)**	**3,553**	**(39.7)**	**64**	**(0.7)**	**741**	**(8.3)**	**8,945**	

Table 16 Admissions by primary diagnostic group and age, 2006 - 2008

Diagnostic Group	Age Group (Years) <1 n	%	1-4 n	%	5-10 n	%	11-15 n	%	Total n	%
Blood / lymphatic	41	(19)	57	(27)	65	(30)	51	(24)	**214**	**(1.3)**
Body wall and cavities	212	(87)	22	(9)	9	(4)	2	(1)	**245**	**(1.5)**
Cardiovascular	3,342	(65)	1,039	(20)	432	(8)	345	(7)	**5,159**	**(31.3)**
Endocrine / metabolic	174	(38)	105	(23)	72	(16)	102	(23)	**453**	**(2.7)**
Gastrointestinal	609	(57)	220	(21)	133	(13)	101	(10)	**1,063**	**(6.4)**
Infection	329	(43)	239	(31)	103	(14)	89	(12)	**760**	**(4.6)**
Multisystem	25	(51)	17	(35)	6	(12)	1	(2)	**49**	**(0.3)**
Musculoskeletal	33	(9)	40	(11)	60	(16)	247	(65)	**380**	**(2.3)**
Neurological	462	(28)	573	(35)	330	(20)	265	(16)	**1,630**	**(9.9)**
Oncology	81	(13)	218	(36)	167	(27)	145	(24)	**611**	**(3.7)**
Respiratory	2,203	(51)	1,357	(31)	461	(11)	314	(7)	**4,335**	**(26.3)**
Trauma	40	(8)	123	(26)	126	(26)	189	(40)	**478**	**(2.9)**
Other	340	(34)	313	(31)	156	(16)	187	(19)	**996**	**(6.0)**
Unknown	75	(62)	34	(28)	5	(4)	7	(6)	**121**	**(0.7)**
Total	**7,966**	**(48.3)**	**4,357**	**(26.4)**	**2,125**	**(12.9)**	**2,045**	**(12.4)**	**16,494**	

Figure 16 Admissions by primary diagnostic group, 2006 - 2008

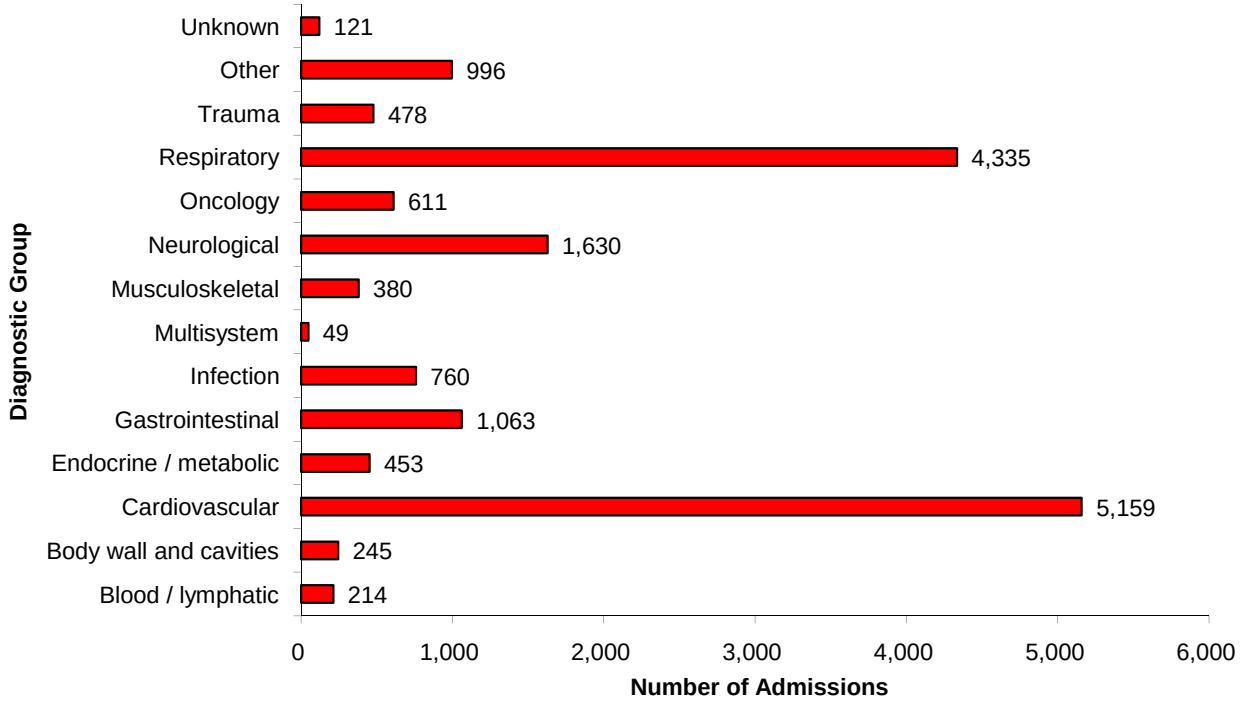


Table 17 Admissions by primary diagnostic group and age (16+), 2006 - 2008

Diagnostic Group	Age Group (Years) 16		17-20		21-25		26+		Total	
	n	%	n	%	n	%	n	%	n	%
Blood / lymphatic	5	(50)	5	(50)	0	(0)	0	(0)	**10**	**(3.7)**
Cardiovascular	33	(59)	23	(41)	0	(0)	0	(0)	**56**	**(20.7)**
Endocrine / metabolic	11	(85)	2	(15)	0	(0)	0	(0)	**13**	**(4.8)**
Gastrointestinal	12	(50)	12	(50)	0	(0)	0	(0)	**24**	**(8.9)**
Infection	4	(67)	1	(17)	1	(17)	0	(0)	**6**	**(2.2)**
Musculoskeletal	34	(55)	28	(45)	0	(0)	0	(0)	**62**	**(23.0)**
Neurological	16	(80)	4	(20)	0	(0)	0	(0)	**20**	**(7.4)**
Oncology	11	(58)	8	(42)	0	(0)	0	(0)	**19**	**(7.0)**
Respiratory	29	(78)	8	(22)	0	(0)	0	(0)	**37**	**(13.7)**
Trauma	6	(100)	0	(0)	0	(0)	0	(0)	**6**	**(2.2)**
Other	11	(65)	6	(35)	0	(0)	0	(0)	**17**	**(6.3)**
Total	**172**	**(63.7)**	**97**	**(35.9)**	**1**	**(0.4)**	**0**	**(0.0)**	270	

Figure 17 Admissions by primary diagnostic group, 2006 - 2008

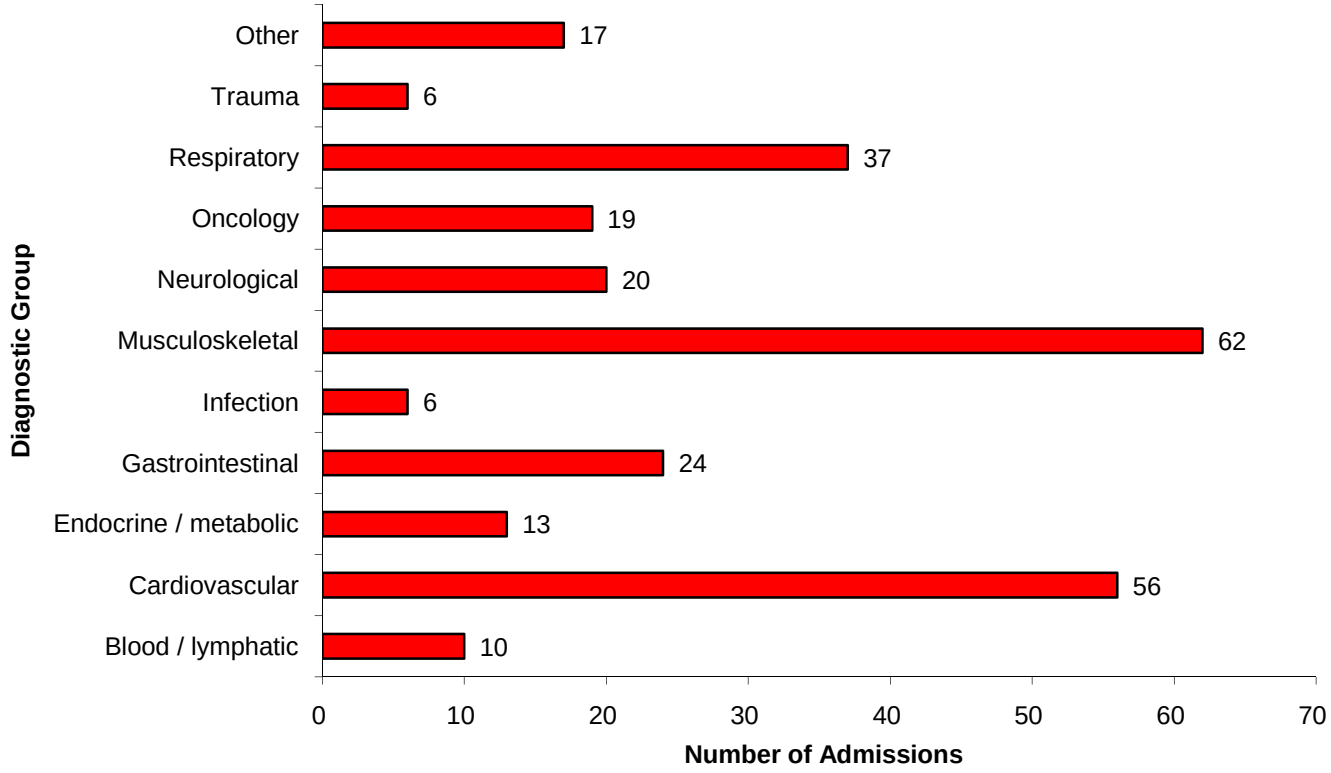


Table 18 Admissions by primary diagnostic group by NHS trust, 2006 - 2008

Year	NHS Trust	Diagnostic Group: Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2006	A	7	(2)	6	(1)	16	(4)	13	(3)	40	(9)	22	(5)	16	(4)	23	(5)	80	(18)	82	(18)	95	(21)	23	(5)	26	(6)	0	(0)	**449**	**(8.6)**
	B	2	(1)	5	(2)	7	(3)	12	(5)	39	(17)	14	(6)	2	(1)	2	(1)	30	(13)	2	(1)	73	(32)	8	(4)	31	(14)	0	(0)	**227**	**(4.4)**
	E	13	(1)	52	(3)	628	(39)	53	(3)	112	(7)	56	(4)	5	(0)	30	(2)	122	(8)	39	(2)	367	(23)	52	(3)	70	(4)	0	(0)	**1,599**	**(30.6)**
	F	3	(0)	4	(0)	501	(46)	22	(2)	18	(2)	55	(5)	1	(0)	39	(4)	97	(9)	2	(0)	292	(27)	14	(1)	35	(3)	4	(0)	**1,087**	**(20.8)**
	H	9	(3)	8	(3)	6	(2)	10	(3)	56	(18)	17	(5)	0	(0)	2	(1)	47	(15)	13	(4)	54	(17)	27	(9)	66	(21)	0	(0)	**315**	**(6.0)**
	J	2	(3)	7	(9)	2	(3)	1	(1)	23	(31)	3	(4)	0	(0)	0	(0)	5	(7)	3	(4)	22	(30)	2	(3)	4	(5)	0	(0)	**74**	**(1.4)**
	O	0	(0)	3	(0)	538	(82)	1	(0)	18	(3)	9	(1)	0	(0)	8	(1)	0	(0)	9	(1)	47	(7)	0	(0)	2	(0)	22	(3)	**657**	**(12.6)**
	T	2	(0)	3	(1)	9	(2)	10	(2)	52	(12)	28	(6)	0	(0)	6	(1)	64	(14)	70	(16)	163	(37)	16	(4)	19	(4)	0	(0)	**442**	**(8.5)**
	U	9	(2)	1	(0)	24	(7)	12	(3)	12	(3)	35	(10)	0	(0)	0	(0)	101	(28)	1	(0)	156	(43)	2	(1)	7	(2)	7	(2)	**367**	**(7.0)**
2006 Total		**47**	**(0.9)**	**89**	**(1.7)**	**1,731**	**(33.2)**	**134**	**(2.6)**	**370**	**(7.1)**	**239**	**(4.6)**	**24**	**(0.5)**	**110**	**(2.1)**	**546**	**(10.5)**	**221**	**(4.2)**	**1,269**	**(24.3)**	**144**	**(2.8)**	**260**	**(5.0)**	**33**	**(0.6)**	5,217	
2007	A	13	(3)	10	(2)	20	(4)	16	(3)	30	(6)	31	(6)	6	(1)	28	(5)	106	(21)	71	(14)	118	(23)	29	(6)	34	(7)	0	(0)	**512**	**(9.3)**
	B	2	(1)	7	(4)	5	(3)	10	(6)	25	(15)	10	(6)	1	(1)	2	(1)	18	(11)	2	(1)	70	(41)	7	(4)	12	(7)	0	(0)	**171**	**(3.1)**
	E	6	(0)	46	(3)	640	(43)	45	(3)	92	(6)	42	(3)	6	(0)	32	(2)	88	(6)	42	(3)	346	(23)	48	(3)	39	(3)	1	(0)	**1,473**	**(26.7)**
	F	5	(0)	5	(0)	508	(42)	27	(2)	18	(2)	58	(5)	1	(0)	39	(3)	101	(8)	4	(0)	368	(31)	15	(1)	45	(4)	3	(0)	**1,197**	**(21.7)**
	H	5	(2)	3	(1)	8	(3)	6	(2)	42	(14)	9	(3)	0	(0)	3	(1)	35	(12)	10	(3)	48	(17)	16	(6)	104	(36)	1	(0)	**290**	**(5.3)**
	J	4	(3)	6	(5)	3	(3)	6	(5)	31	(26)	4	(3)	0	(0)	0	(0)	10	(8)	1	(1)	41	(34)	1	(1)	12	(10)	0	(0)	**119**	**(2.2)**
	O	1	(0)	0	(0)	503	(79)	3	(0)	5	(1)	2	(0)	0	(0)	6	(1)	1	(0)	5	(1)	86	(13)	0	(0)	2	(0)	24	(4)	**638**	**(11.6)**
	T	6	(2)	2	(1)	7	(2)	6	(2)	43	(11)	25	(6)	0	(0)	6	(2)	54	(14)	51	(13)	146	(38)	14	(4)	23	(6)	2	(1)	**385**	**(7.0)**
	U	15	(4)	1	(0)	15	(4)	18	(5)	12	(3)	30	(8)	0	(0)	1	(0)	80	(22)	0	(0)	165	(45)	2	(1)	11	(3)	17	(5)	**367**	**(6.7)**
	Z	22	(6)	3	(1)	11	(3)	16	(4)	12	(3)	27	(8)	0	(0)	1	(0)	27	(8)	1	(0)	192	(53)	31	(9)	16	(4)	0	(0)	**359**	**(6.5)**
2007 Total		**79**	**(1.4)**	**83**	**(1.5)**	**1,720**	**(31.2)**	**153**	**(2.8)**	**310**	**(5.6)**	**238**	**(4.3)**	**14**	**(0.3)**	**118**	**(2.1)**	**520**	**(9.4)**	**187**	**(3.4)**	**1,580**	**(28.7)**	**163**	**(3.0)**	**298**	**(5.4)**	**48**	**(0.9)**	5,511	
2008	A	7	(1)	4	(1)	13	(3)	16	(3)	35	(7)	20	(4)	5	(1)	31	(7)	110	(23)	83	(18)	98	(21)	28	(6)	20	(4)	0	(0)	**470**	**(8.2)**
	B	4	(1)	9	(3)	9	(3)	25	(9)	39	(14)	19	(7)	0	(0)	4	(1)	32	(11)	2	(1)	112	(39)	13	(5)	14	(5)	2	(1)	**284**	**(4.9)**
	E	17	(1)	40	(3)	646	(41)	50	(3)	116	(7)	59	(4)	4	(0)	30	(2)	106	(7)	33	(2)	354	(23)	43	(3)	68	(4)	0	(0)	**1,566**	**(27.2)**
	F	7	(1)	3	(0)	490	(42)	26	(2)	16	(1)	62	(5)	0	(0)	75	(6)	62	(5)	1	(0)	341	(29)	16	(1)	49	(4)	8	(1)	**1,156**	**(20.0)**
	H	2	(1)	0	(0)	4	(1)	5	(1)	48	(13)	7	(2)	0	(0)	0	(0)	34	(9)	17	(4)	35	(9)	16	(4)	207	(54)	7	(2)	**382**	**(6.6)**
	J	3	(2)	2	(2)	2	(2)	6	(5)	33	(26)	9	(7)	2	(2)	0	(0)	19	(15)	0	(0)	41	(32)	1	(1)	11	(9)	0	(0)	**129**	**(2.2)**
	O	0	(0)	4	(1)	511	(84)	0	(0)	7	(1)	7	(1)	0	(0)	5	(1)	2	(0)	3	(0)	47	(8)	0	(0)	7	(1)	17	(3)	**610**	**(10.6)**
	T	8	(2)	4	(1)	7	(1)	9	(2)	49	(10)	42	(9)	0	(0)	7	(1)	84	(18)	58	(12)	155	(33)	21	(4)	29	(6)	3	(1)	**476**	**(8.3)**
	U	13	(4)	0	(0)	21	(7)	17	(6)	12	(4)	33	(11)	0	(0)	0	(0)	60	(20)	1	(0)	124	(41)	3	(1)	14	(5)	3	(1)	**301**	**(5.2)**
	Z	27	(7)	7	(2)	5	(1)	12	(3)	28	(7)	25	(6)	0	(0)	0	(0)	55	(14)	5	(1)	179	(46)	30	(8)	19	(5)	0	(0)	**392**	**(6.8)**
2008 Total		**88**	**(1.5)**	**73**	**(1.3)**	**1,708**	**(29.6)**	**166**	**(2.9)**	**383**	**(6.6)**	**283**	**(4.9)**	**11**	**(0.2)**	**152**	**(2.6)**	**564**	**(9.8)**	**203**	**(3.5)**	**1,486**	**(25.8)**	**171**	**(3.0)**	**438**	**(7.6)**	**40**	**(0.7)**	5,766	
Grand Total		**214**	**(1.3)**	**245**	**(1.5)**	**5,159**	**(31.3)**	**453**	**(2.7)**	**1,063**	**(6.4)**	**760**	**(4.6)**	**49**	**(0.3)**	**380**	**(2.3)**	**1,630**	**(9.9)**	**611**	**(3.7)**	**4,335**	**(26.3)**	**478**	**(2.9)**	**996**	**(6.0)**	**121**	**(0.7)**	16,494	

Table 19 Admissions by primary diagnostic group (planned - following surgery) by NHS trust, 2006 - 2008

Year	NHS Trust	Diagnostic Group: Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2006	A	1	(1)	2	(2)	1	(1)	2	(2)	13	(10)	2	(2)	4	(3)	16	(12)	17	(13)	51	(39)	11	(8)	4	(3)	8	(6)	0	(0)	**132**	**(7.2)**
	B	0	(0)	2	(3)	1	(2)	1	(2)	21	(33)	5	(8)	0	(0)	0	(0)	1	(2)	0	(0)	14	(22)	4	(6)	15	(23)	0	(0)	**64**	**(3.5)**
	E	1	(0)	11	(2)	374	(71)	2	(0)	37	(7)	2	(0)	0	(0)	23	(4)	8	(2)	16	(3)	40	(8)	1	(0)	12	(2)	0	(0)	**527**	**(28.7)**
	F	0	(0)	0	(0)	324	(82)	0	(0)	5	(1)	0	(0)	0	(0)	37	(9)	0	(0)	1	(0)	22	(6)	1	(0)	4	(1)	0	(0)	**394**	**(21.5)**
	H	2	(2)	5	(5)	3	(3)	1	(1)	23	(23)	2	(2)	0	(0)	1	(1)	7	(7)	9	(9)	5	(5)	0	(0)	43	(43)	0	(0)	**101**	**(5.5)**
	J	0	(0)	4	(20)	0	(0)	0	(0)	12	(60)	0	(0)	0	(0)	0	(0)	0	(0)	2	(10)	0	(0)	0	(0)	2	(10)	0	(0)	**20**	**(1.1)**
	O	0	(0)	3	(1)	379	(90)	1	(0)	16	(4)	1	(0)	0	(0)	3	(1)	0	(0)	8	(2)	11	(3)	0	(0)	1	(0)	0	(0)	**423**	**(23.1)**
	T	1	(1)	2	(1)	0	(0)	0	(0)	33	(22)	1	(1)	0	(0)	3	(2)	19	(13)	48	(32)	27	(18)	5	(3)	13	(9)	0	(0)	**152**	**(8.3)**
	U	1	(5)	1	(5)	1	(5)	0	(0)	4	(18)	2	(9)	0	(0)	0	(0)	0	(0)	1	(5)	12	(55)	0	(0)	0	(0)	0	(0)	**22**	**(1.2)**
2006 Total		**6**	**(0.3)**	**30**	**(1.6)**	**1,083**	**(59.0)**	**7**	**(0.4)**	**164**	**(8.9)**	**15**	**(0.8)**	**4**	**(0.2)**	**83**	**(4.5)**	**52**	**(2.8)**	**136**	**(7.4)**	**142**	**(7.7)**	**15**	**(0.8)**	**98**	**(5.3)**	**0**	**(0.0)**	**1,835**	
2007	A	0	(0)	2	(2)	1	(1)	0	(0)	8	(7)	3	(3)	3	(3)	23	(21)	14	(13)	38	(35)	10	(9)	1	(1)	7	(6)	0	(0)	**110**	**(6.1)**
	B	0	(0)	3	(7)	0	(0)	1	(2)	14	(34)	4	(10)	1	(2)	1	(2)	1	(2)	0	(0)	11	(27)	0	(0)	5	(12)	0	(0)	**41**	**(2.3)**
	E	4	(1)	13	(2)	404	(71)	2	(0)	29	(5)	5	(1)	1	(0)	25	(4)	8	(1)	15	(3)	42	(7)	2	(0)	16	(3)	0	(0)	**566**	**(31.3)**
	F	0	(0)	2	(0)	326	(79)	3	(1)	5	(1)	1	(0)	0	(0)	38	(9)	0	(0)	2	(0)	26	(6)	1	(0)	10	(2)	0	(0)	**414**	**(22.9)**
	H	0	(0)	1	(1)	0	(0)	0	(0)	19	(22)	1	(1)	0	(0)	2	(2)	2	(2)	8	(9)	6	(7)	1	(1)	47	(54)	0	(0)	**87**	**(4.8)**
	J	2	(5)	5	(13)	0	(0)	1	(3)	22	(58)	0	(0)	0	(0)	0	(0)	2	(5)	1	(3)	2	(5)	0	(0)	3	(8)	0	(0)	**38**	**(2.1)**
	O	0	(0)	0	(0)	328	(90)	1	(0)	3	(1)	1	(0)	0	(0)	2	(1)	0	(0)	5	(1)	21	(6)	0	(0)	0	(0)	5	(1)	**366**	**(20.2)**
	T	2	(2)	2	(2)	1	(1)	0	(0)	24	(20)	3	(2)	0	(0)	5	(4)	15	(12)	37	(31)	16	(13)	6	(5)	10	(8)	0	(0)	**121**	**(6.7)**
	U	2	(11)	1	(5)	0	(0)	0	(0)	4	(21)	1	(5)	0	(0)	0	(0)	1	(5)	0	(0)	7	(37)	0	(0)	1	(5)	2	(11)	**19**	**(1.1)**
	Z	2	(4)	2	(4)	0	(0)	1	(2)	5	(11)	3	(7)	0	(0)	0	(0)	1	(2)	1	(2)	23	(50)	3	(7)	5	(11)	0	(0)	**46**	**(2.5)**
2007 Total		**12**	**(0.7)**	**31**	**(1.7)**	**1,060**	**(58.6)**	**9**	**(0.5)**	**133**	**(7.4)**	**22**	**(1.2)**	**5**	**(0.3)**	**96**	**(5.3)**	**44**	**(2.4)**	**107**	**(5.9)**	**164**	**(9.1)**	**14**	**(0.8)**	**104**	**(5.8)**	**7**	**(0.4)**	**1,808**	
2008	A	2	(1)	2	(1)	1	(1)	1	(1)	12	(8)	2	(1)	3	(2)	28	(20)	21	(15)	51	(36)	13	(9)	1	(1)	6	(4)	0	(0)	**143**	**(7.6)**
	B	1	(2)	3	(6)	0	(0)	1	(2)	21	(39)	2	(4)	0	(0)	4	(7)	0	(0)	0	(0)	18	(33)	1	(2)	3	(6)	0	(0)	**54**	**(2.9)**
	E	4	(1)	8	(1)	424	(74)	2	(0)	29	(5)	2	(0)	3	(1)	22	(4)	8	(1)	12	(2)	40	(7)	1	(0)	21	(4)	0	(0)	**576**	**(30.8)**
	F	0	(0)	1	(0)	307	(71)	4	(1)	6	(1)	1	(0)	0	(0)	69	(16)	0	(0)	1	(0)	25	(6)	2	(0)	14	(3)	0	(0)	**430**	**(23.0)**
	H	0	(0)	0	(0)	2	(3)	1	(2)	30	(51)	0	(0)	0	(0)	0	(0)	4	(7)	9	(15)	4	(7)	1	(2)	5	(8)	3	(5)	**59**	**(3.2)**
	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**	**(2.4)**
	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**	**(20.1)**
	T	2	(2)	3	(2)	0	(0)	0	(0)	27	(21)	0	(0)	0	(0)	6	(5)	9	(7)	42	(32)	20	(15)	7	(5)	13	(10)	2	(2)	**131**	**(7.0)**
	U	1	(6)	0	(0)	1	(6)	0	(0)	6	(38)	1	(6)	0	(0)	0	(0)	1	(6)	1	(6)	4	(25)	1	(6)	0	(0)	0	(0)	**16**	**(0.9)**
	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**	**(2.2)**
2008 Total		**13**	**(0.7)**	**22**	**(1.2)**	**1,070**	**(57.1)**	**11**	**(0.6)**	**166**	**(8.9)**	**11**	**(0.6)**	**8**	**(0.4)**	**134**	**(7.2)**	**51**	**(2.7)**	**121**	**(6.5)**	**166**	**(8.9)**	**15**	**(0.8)**	**78**	**(4.2)**	**7**	**(0.4)**	**1,873**	
Grand Total		**31**	**(0.6)**	**83**	**(1.5)**	**3,213**	**(58.2)**	**27**	**(0.5)**	**463**	**(8.4)**	**48**	**(0.9)**	**17**	**(0.3)**	**313**	**(5.7)**	**147**	**(2.7)**	**364**	**(6.6)**	**472**	**(8.6)**	**44**	**(0.8)**	**280**	**(5.1)**	**14**	**(0.3)**	**5,516**	

Table 20 Admissions by primary diagnostic group (unplanned - following surgery) by NHS trust, 2006 - 2008

Year	NHS Trust	Diagnostic Group: Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2006	A	1	(2)	0	(0)	1	(2)	0	(0)	13	(30)	3	(7)	3	(7)	2	(5)	5	(11)	6	(14)	6	(14)	2	(5)	2	(5)	0	(0)	**44**	**(21.7)**
	B	0	(0)	1	(3)	0	(0)	1	(3)	10	(25)	3	(8)	0	(0)	2	(5)	0	(0)	1	(3)	15	(38)	2	(5)	5	(13)	0	(0)	**40**	**(19.7)**
	F	1	(2)	0	(0)	48	(81)	1	(2)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	8	(14)	0	(0)	0	(0)	1	(2)	**59**	**(29.1)**
	H	1	(6)	1	(6)	0	(0)	0	(0)	4	(25)	2	(13)	0	(0)	1	(6)	2	(13)	1	(6)	1	(6)	0	(0)	3	(19)	0	(0)	**16**	**(7.9)**
	J	1	(6)	3	(19)	0	(0)	1	(6)	6	(38)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	4	(25)	1	(6)	0	(0)	0	(0)	**16**	**(7.9)**
	O	0	(0)	0	(0)	2	(67)	0	(0)	1	(33)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	**3**	**(1.5)**
	T	0	(0)	1	(6)	2	(12)	0	(0)	6	(35)	1	(6)	0	(0)	0	(0)	1	(6)	2	(12)	3	(18)	0	(0)	1	(6)	0	(0)	**17**	**(8.4)**
	U	0	(0)	0	(0)	1	(13)	0	(0)	2	(25)	2	(25)	0	(0)	0	(0)	0	(0)	0	(0)	3	(38)	0	(0)	0	(0)	0	(0)	**8**	**(3.9)**
2006 Total		**4**	**(2.0)**	**6**	**(3.0)**	**54**	**(26.6)**	**3**	**(1.5)**	**42**	**(20.7)**	**11**	**(5.4)**	**3**	**(1.5)**	**5**	**(2.5)**	**8**	**(3.9)**	**10**	**(4.9)**	**40**	**(19.7)**	**5**	**(2.5)**	**11**	**(5.4)**	**1**	**(0.5)**	**203**	
2007	A	2	(5)	5	(14)	0	(0)	0	(0)	9	(24)	0	(0)	0	(0)	1	(3)	1	(3)	9	(24)	5	(14)	1	(3)	4	(11)	0	(0)	**37**	**(17.1)**
	B	0	(0)	0	(0)	0	(0)	1	(5)	7	(33)	1	(5)	0	(0)	0	(0)	0	(0)	0	(0)	9	(43)	2	(10)	1	(5)	0	(0)	**21**	**(9.7)**
	E	0	(0)	1	(50)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(50)	0	(0)	0	(0)	**2**	**(0.9)**
	F	1	(1)	0	(0)	51	(76)	0	(0)	0	(0)	0	(0)	1	(1)	0	(0)	2	(3)	0	(0)	9	(13)	0	(0)	1	(1)	2	(3)	**67**	**(30.9)**
	H	0	(0)	1	(8)	0	(0)	0	(0)	4	(33)	0	(0)	0	(0)	0	(0)	1	(8)	1	(8)	2	(17)	0	(0)	3	(25)	0	(0)	**12**	**(5.5)**
	J	0	(0)	0	(0)	1	(7)	0	(0)	6	(43)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	3	(21)	0	(0)	4	(29)	0	(0)	**14**	**(6.5)**
	O	0	(0)	0	(0)	2	(100)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	**2**	**(0.9)**
	T	0	(0)	0	(0)	0	(0)	1	(3)	13	(43)	3	(10)	0	(0)	0	(0)	2	(7)	0	(0)	7	(23)	1	(3)	3	(10)	0	(0)	**30**	**(13.8)**
	U	0	(0)	0	(0)	2	(18)	0	(0)	3	(27)	1	(9)	0	(0)	0	(0)	0	(0)	0	(0)	4	(36)	0	(0)	0	(0)	1	(9)	**11**	**(5.1)**
	Z	1	(5)	0	(0)	0	(0)	1	(5)	2	(10)	0	(0)	0	(0)	0	(0)	1	(5)	0	(0)	10	(48)	3	(14)	3	(14)	0	(0)	**21**	**(9.7)**
2007 Total		**4**	**(1.8)**	**7**	**(3.2)**	**56**	**(25.8)**	**3**	**(1.4)**	**44**	**(20.3)**	**5**	**(2.3)**	**1**	**(0.5)**	**1**	**(0.5)**	**7**	**(3.2)**	**10**	**(4.6)**	**49**	**(22.6)**	**8**	**(3.7)**	**19**	**(8.8)**	**3**	**(1.4)**	**217**	
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)	**35**	**(13.5)**
	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)	**18**	**(6.9)**
	E	0	(0)	0	(0)	5	(31)	0	(0)	3	(19)	1	(6)	0	(0)	0	(0)	1	(6)	0	(0)	4	(25)	0	(0)	2	(13)	0	(0)	**16**	**(6.2)**
	F	0	(0)	0	(0)	76	(77)	3	(3)	1	(1)	2	(2)	0	(0)	0	(0)	0	(0)	0	(0)	14	(14)	0	(0)	2	(2)	1	(1)	**99**	**(38.2)**
	H	0	(0)	0	(0)	0	(0)	0	(0)	2	(25)	0	(0)	0	(0)	0	(0)	2	(25)	0	(0)	1	(13)	1	(13)	2	(25)	0	(0)	**8**	**(3.1)**
	J	0	(0)	0	(0)	0	(0)	0	(0)	5	(42)	1	(8)	0	(0)	0	(0)	3	(25)	0	(0)	2	(17)	0	(0)	1	(8)	0	(0)	**12**	**(4.6)**
	O	0	(0)	0	(0)	3	(60)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(20)	0	(0)	0	(0)	1	(20)	**5**	**(1.9)**
	T	0	(0)	0	(0)	0	(0)	0	(0)	9	(30)	1	(3)	0	(0)	0	(0)	7	(23)	1	(3)	8	(27)	2	(7)	1	(3)	1	(3)	**30**	**(11.6)**
	U	0	(0)	0	(0)	0	(0)	1	(13)	3	(38)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	3	(38)	0	(0)	1	(13)	0	(0)	**8**	**(3.1)**
	Z	1	(4)	1	(4)	0	(0)	0	(0)	7	(25)	2	(7)	0	(0)	0	(0)	1	(4)	0	(0)	9	(32)	5	(18)	2	(7)	0	(0)	**28**	**(10.8)**
2008 Total		**1**	**(0.4)**	**1**	**(0.4)**	**85**	**(32.8)**	**6**	**(2.3)**	**46**	**(17.8)**	**8**	**(3.1)**	**1**	**(0.4)**	**0**	**(0.0)**	**22**	**(8.5)**	**6**	**(2.3)**	**53**	**(20.5)**	**12**	**(4.6)**	**15**	**(5.8)**	**3**	**(1.2)**	**259**	
Grand Total		**9**	**(1.3)**	**14**	**(2.1)**	**195**	**(28.7)**	**12**	**(1.8)**	**132**	**(19.4)**	**24**	**(3.5)**	**5**	**(0.7)**	**6**	**(0.9)**	**37**	**(5.4)**	**26**	**(3.8)**	**142**	**(20.9)**	**25**	**(3.7)**	**45**	**(6.6)**	**7**	**(1.0)**	**679**	

Table 21 Admissions by primary diagnostic group (planned - other) by NHS trust, 2006 - 2008

Year	NHS Trust	Diagnostic Group: Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2006	A	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	2	(15)	1	(8)	4	(31)	2	(15)	3	(23)	1	(8)	0	(0)	0	(0)	**13**	**(3.7)**
	B	0	(0)	1	(9)	1	(9)	0	(0)	2	(18)	1	(9)	0	(0)	0	(0)	1	(9)	1	(9)	3	(27)	0	(0)	1	(9)	0	(0)	**11**	**(3.2)**
	E	0	(0)	4	(4)	36	(37)	1	(1)	6	(6)	4	(4)	3	(3)	2	(2)	7	(7)	3	(3)	22	(22)	1	(1)	9	(9)	0	(0)	**98**	**(28.1)**
	F	0	(0)	1	(4)	3	(13)	0	(0)	4	(17)	0	(0)	0	(0)	2	(9)	0	(0)	1	(4)	7	(30)	0	(0)	5	(22)	0	(0)	**23**	**(6.6)**
	H	5	(7)	2	(3)	1	(1)	2	(3)	19	(26)	1	(1)	0	(0)	0	(0)	15	(21)	1	(1)	9	(13)	7	(10)	10	(14)	0	(0)	**72**	**(20.6)**
	J	0	(0)	0	(0)	0	(0)	0	(0)	1	(50)	1	(50)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	**2**	**(0.6)**
	O	0	(0)	0	(0)	91	(78)	0	(0)	0	(0)	1	(1)	0	(0)	2	(2)	0	(0)	1	(1)	17	(15)	0	(0)	1	(1)	3	(3)	**116**	**(33.2)**
	T	0	(0)	0	(0)	1	(10)	0	(0)	1	(10)	0	(0)	0	(0)	1	(10)	0	(0)	1	(10)	4	(40)	2	(20)	0	(0)	0	(0)	**10**	**(2.9)**
	U	1	(25)	0	(0)	0	(0)	0	(0)	1	(25)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	2	(50)	0	(0)	0	(0)	0	(0)	**4**	**(1.1)**
2006 Total		**6**	**(1.7)**	**8**	**(2.3)**	**133**	**(38.1)**	**3**	**(0.9)**	**34**	**(9.7)**	**8**	**(2.3)**	**5**	**(1.4)**	**8**	**(2.3)**	**27**	**(7.7)**	**10**	**(2.9)**	**67**	**(19.2)**	**11**	**(3.2)**	**26**	**(7.4)**	**3**	**(0.9)**	**349**	
2007	A	0	(0)	0	(0)	2	(7)	0	(0)	1	(4)	3	(11)	0	(0)	1	(4)	9	(32)	4	(14)	5	(18)	1	(4)	2	(7)	0	(0)	**28**	**(6.6)**
	B	0	(0)	2	(22)	0	(0)	0	(0)	0	(0)	1	(11)	0	(0)	1	(11)	1	(11)	0	(0)	3	(33)	0	(0)	1	(11)	0	(0)	**9**	**(2.1)**
	E	0	(0)	3	(3)	43	(43)	5	(5)	3	(3)	1	(1)	0	(0)	0	(0)	9	(9)	1	(1)	31	(31)	0	(0)	4	(4)	0	(0)	**100**	**(23.5)**
	F	0	(0)	1	(4)	2	(8)	0	(0)	2	(8)	1	(4)	0	(0)	1	(4)	1	(4)	1	(4)	15	(58)	0	(0)	2	(8)	0	(0)	**26**	**(6.1)**
	H	2	(3)	1	(2)	1	(2)	2	(3)	4	(7)	3	(5)	0	(0)	0	(0)	11	(19)	0	(0)	2	(3)	3	(5)	30	(51)	0	(0)	**59**	**(13.9)**
	J	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(100)	0	(0)	**1**	**(0.2)**
	O	0	(0)	0	(0)	104	(67)	2	(1)	2	(1)	1	(1)	0	(0)	2	(1)	0	(0)	0	(0)	32	(21)	0	(0)	2	(1)	10	(6)	**155**	**(36.5)**
	T	1	(8)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(8)	2	(15)	1	(8)	6	(46)	1	(8)	1	(8)	0	(0)	**13**	**(3.1)**
	U	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	6	(100)	0	(0)	0	(0)	0	(0)	**6**	**(1.4)**
	Z	2	(7)	0	(0)	0	(0)	1	(4)	1	(4)	4	(14)	0	(0)	1	(4)	3	(11)	0	(0)	13	(46)	3	(11)	0	(0)	0	(0)	**28**	**(6.6)**
2007 Total		**5**	**(1.2)**	**7**	**(1.6)**	**152**	**(35.8)**	**10**	**(2.4)**	**13**	**(3.1)**	**14**	**(3.3)**	**0**	**(0.0)**	**7**	**(1.6)**	**36**	**(8.5)**	**7**	**(1.6)**	**113**	**(26.6)**	**8**	**(1.9)**	**43**	**(10.1)**	**10**	**(2.4)**	**425**	
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**	**(3.7)**
	B	1	(5)	6	(32)	0	(0)	0	(0)	3	(16)	2	(11)	0	(0)	0	(0)	0	(0)	0	(0)	4	(21)	0	(0)	3	(16)	0	(0)	**19**	**(3.9)**
	E	1	(1)	2	(2)	31	(36)	2	(2)	2	(2)	2	(2)	0	(0)	4	(5)	6	(7)	3	(3)	28	(32)	0	(0)	6	(7)	0	(0)	**87**	**(17.7)**
	F	0	(0)	0	(0)	2	(8)	0	(0)	2	(8)	0	(0)	0	(0)	5	(21)	0	(0)	0	(0)	11	(46)	1	(4)	3	(13)	0	(0)	**24**	**(4.9)**
	H	0	(0)	0	(0)	0	(0)	2	(1)	7	(4)	1	(1)	0	(0)	0	(0)	3	(2)	3	(2)	0	(0)	3	(2)	152	(88)	1	(1)	**172**	**(35.0)**
	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**	**(0.4)**
	O	0	(0)	2	(2)	79	(80)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	11	(11)	0	(0)	0	(0)	5	(5)	**99**	**(20.1)**
	T	1	(5)	0	(0)	0	(0)	2	(9)	2	(9)	4	(18)	0	(0)	0	(0)	5	(23)	2	(9)	4	(18)	0	(0)	2	(9)	0	(0)	**22**	**(4.5)**
	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**	**(2.4)**
	Z	6	(16)	1	(3)	1	(3)	4	(11)	4	(11)	1	(3)	0	(0)	0	(0)	1	(3)	0	(0)	14	(38)	4	(11)	1	(3)	0	(0)	**37**	**(7.5)**
2008 Total		**10**	**(2.0)**	**11**	**(2.2)**	**113**	**(23.0)**	**10**	**(2.0)**	**21**	**(4.3)**	**13**	**(2.6)**	**1**	**(0.2)**	**9**	**(1.8)**	**23**	**(4.7)**	**13**	**(2.6)**	**80**	**(16.3)**	**11**	**(2.2)**	**171**	**(34.8)**	**6**	**(1.2)**	**492**	
Grand Total		**21**	**(1.7)**	**26**	**(2.1)**	**398**	**(31.4)**	**23**	**(1.8)**	**68**	**(5.4)**	**35**	**(2.8)**	**6**	**(0.5)**	**24**	**(1.9)**	**86**	**(6.8)**	**30**	**(2.4)**	**260**	**(20.5)**	**30**	**(2.4)**	**240**	**(19.0)**	**19**	**(1.5)**	**1,266**	

Table 22 Admissions by primary diagnostic group (unplanned - other) by NHS trust, 2006 - 2008

Year	NHS Trust	Diagnostic Group: Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2006	A	5	(2)	4	(2)	14	(5)	11	(4)	14	(5)	17	(7)	7	(3)	4	(2)	54	(21)	23	(9)	75	(29)	16	(6)	16	(6)	0	(0)	**260**	**(9.2)**
	B	2	(2)	1	(1)	5	(4)	10	(9)	6	(5)	5	(4)	2	(2)	0	(0)	28	(25)	0	(0)	41	(37)	2	(2)	10	(9)	0	(0)	**112**	**(4.0)**
	E	12	(1)	37	(4)	218	(22)	50	(5)	69	(7)	50	(5)	2	(0)	5	(1)	107	(11)	20	(2)	305	(31)	50	(5)	49	(5)	0	(0)	**974**	**(34.4)**
	F	2	(0)	3	(0)	126	(21)	21	(3)	9	(1)	55	(9)	1	(0)	0	(0)	97	(16)	0	(0)	255	(42)	13	(2)	26	(4)	3	(0)	**611**	**(21.6)**
	H	1	(1)	0	(0)	2	(2)	7	(6)	10	(8)	12	(10)	0	(0)	0	(0)	23	(18)	2	(2)	39	(31)	20	(16)	10	(8)	0	(0)	**126**	**(4.5)**
	J	1	(3)	0	(0)	2	(6)	0	(0)	4	(11)	2	(6)	0	(0)	0	(0)	5	(14)	1	(3)	18	(50)	1	(3)	2	(6)	0	(0)	**36**	**(1.3)**
	O	0	(0)	0	(0)	66	(57)	0	(0)	1	(1)	7	(6)	0	(0)	3	(3)	0	(0)	0	(0)	19	(17)	0	(0)	0	(0)	19	(17)	**115**	**(4.1)**
	T	1	(0)	0	(0)	6	(2)	10	(4)	12	(5)	26	(10)	0	(0)	2	(1)	44	(17)	19	(7)	129	(49)	9	(3)	5	(2)	0	(0)	**263**	**(9.3)**
	U	7	(2)	0	(0)	22	(7)	12	(4)	5	(2)	31	(9)	0	(0)	0	(0)	101	(30)	0	(0)	139	(42)	2	(1)	7	(2)	7	(2)	**333**	**(11.8)**
2006 Total		**31**	**(1.1)**	**45**	**(1.6)**	**461**	**(16.3)**	**121**	**(4.3)**	**130**	**(4.6)**	**205**	**(7.2)**	**12**	**(0.4)**	**14**	**(0.5)**	**459**	**(16.2)**	**65**	**(2.3)**	**1,020**	**(36.0)**	**113**	**(4.0)**	**125**	**(4.4)**	**29**	**(1.0)**	**2,830**	
2007	A	11	(3)	3	(1)	17	(5)	16	(5)	12	(4)	25	(7)	3	(1)	3	(1)	82	(24)	20	(6)	98	(29)	26	(8)	21	(6)	0	(0)	**337**	**(11.0)**
	B	2	(2)	2	(2)	5	(5)	8	(8)	4	(4)	4	(4)	0	(0)	0	(0)	16	(16)	2	(2)	47	(47)	5	(5)	5	(5)	0	(0)	**100**	**(3.3)**
	E	2	(0)	29	(4)	193	(24)	38	(5)	60	(7)	36	(4)	5	(1)	7	(1)	71	(9)	26	(3)	273	(34)	45	(6)	19	(2)	1	(0)	**805**	**(26.3)**
	F	4	(1)	2	(0)	129	(19)	24	(3)	11	(2)	56	(8)	0	(0)	0	(0)	98	(14)	1	(0)	318	(46)	14	(2)	32	(5)	1	(0)	**690**	**(22.6)**
	H	3	(2)	0	(0)	7	(5)	4	(3)	15	(11)	5	(4)	0	(0)	1	(1)	21	(16)	1	(1)	38	(29)	12	(9)	24	(18)	1	(1)	**132**	**(4.3)**
	J	2	(3)	1	(2)	2	(3)	5	(8)	3	(5)	4	(6)	0	(0)	0	(0)	8	(12)	0	(0)	36	(55)	1	(2)	4	(6)	0	(0)	**66**	**(2.2)**
	O	1	(1)	0	(0)	69	(60)	0	(0)	0	(0)	0	(0)	0	(0)	2	(2)	1	(1)	0	(0)	33	(29)	0	(0)	0	(0)	9	(8)	**115**	**(3.8)**
	T	3	(1)	0	(0)	6	(3)	5	(2)	6	(3)	19	(9)	0	(0)	0	(0)	35	(16)	13	(6)	117	(53)	6	(3)	9	(4)	2	(1)	**221**	**(7.2)**
	U	13	(4)	0	(0)	13	(4)	18	(5)	5	(2)	28	(8)	0	(0)	1	(0)	79	(24)	0	(0)	148	(45)	2	(1)	10	(3)	14	(4)	**331**	**(10.8)**
	Z	17	(7)	1	(0)	11	(4)	12	(5)	4	(2)	20	(8)	0	(0)	0	(0)	21	(8)	0	(0)	144	(56)	21	(8)	8	(3)	0	(0)	**259**	**(8.5)**
2007 Total		**58**	**(1.9)**	**38**	**(1.2)**	**452**	**(14.8)**	**130**	**(4.3)**	**120**	**(3.9)**	**197**	**(6.4)**	**8**	**(0.3)**	**14**	**(0.5)**	**432**	**(14.1)**	**63**	**(2.1)**	**1,252**	**(41.0)**	**132**	**(4.3)**	**132**	**(4.3)**	**28**	**(0.9)**	**3,056**	
2008	A	5	(2)	2	(1)	11	(4)	13	(5)	13	(5)	16	(6)	0	(0)	3	(1)	76	(28)	22	(8)	82	(30)	21	(8)	10	(4)	0	(0)	**274**	**(8.7)**
	B	2	(1)	0	(0)	9	(5)	23	(12)	9	(5)	14	(7)	0	(0)	0	(0)	31	(16)	2	(1)	81	(43)	11	(6)	7	(4)	1	(1)	**190**	**(6.1)**
	E	12	(1)	30	(3)	186	(21)	46	(5)	82	(9)	54	(6)	1	(0)	4	(0)	91	(10)	18	(2)	282	(32)	42	(5)	39	(4)	0	(0)	**887**	**(28.3)**
	F	7	(1)	2	(0)	105	(17)	19	(3)	7	(1)	59	(10)	0	(0)	1	(0)	62	(10)	0	(0)	291	(48)	13	(2)	30	(5)	7	(1)	**603**	**(19.2)**
	H	2	(1)	0	(0)	2	(1)	2	(1)	9	(6)	6	(4)	0	(0)	0	(0)	25	(17)	5	(3)	30	(21)	11	(8)	48	(34)	3	(2)	**143**	**(4.6)**
	J	2	(3)	0	(0)	2	(3)	5	(7)	3	(4)	8	(11)	0	(0)	0	(0)	14	(20)	0	(0)	33	(47)	1	(1)	2	(3)	0	(0)	**70**	**(2.2)**
	O	0	(0)	0	(0)	94	(73)	0	(0)	0	(0)	4	(3)	0	(0)	0	(0)	1	(1)	0	(0)	20	(16)	0	(0)	1	(1)	9	(7)	**129**	**(4.1)**
	T	5	(2)	1	(0)	7	(2)	7	(2)	11	(4)	37	(13)	0	(0)	1	(0)	63	(22)	13	(4)	123	(42)	12	(4)	13	(4)	0	(0)	**293**	**(9.3)**
	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**	**(8.4)**
	Z	17	(6)	4	(1)	4	(1)	7	(2)	13	(5)	21	(7)	0	(0)	0	(0)	47	(16)	3	(1)	135	(47)	20	(7)	14	(5)	0	(0)	**285**	**(9.1)**
2008 Total		**64**	**(2.0)**	**39**	**(1.2)**	**440**	**(14.0)**	**138**	**(4.4)**	**150**	**(4.8)**	**251**	**(8.0)**	**1**	**(0.0)**	**9**	**(0.3)**	**468**	**(14.9)**	**63**	**(2.0)**	**1,187**	**(37.8)**	**133**	**(4.2)**	**173**	**(5.5)**	**23**	**(0.7)**	**3,139**	
Grand Total		**153**	**(1.7)**	**122**	**(1.4)**	**1,353**	**(15.0)**	**389**	**(4.3)**	**400**	**(4.4)**	**653**	**(7.2)**	**21**	**(0.2)**	**37**	**(0.4)**	**1,359**	**(15.1)**	**191**	**(2.1)**	**3,459**	**(38.3)**	**378**	**(4.2)**	**430**	**(4.8)**	**80**	**(0.9)**	**9,025**	

Table 23 Most commonly returned Read Codes for primary reason for admission, 2006 - 2008

Primary Diagnosis	Sex								Total	
	Male		Female		Ambiguous		Unknown			
	n	%	n	%	n	%	n	%	n	%
Bronchiolitis (XSDOK)	330	(60)	217	(40)	0	(0)	0	(0)	**547**	**(8.9)**
Ventricular septal defect (P54..)	248	(51)	239	(49)	0	(0)	0	(0)	**487**	**(7.9)**
Respiratory failure (XM09V)	231	(56)	183	(44)	0	(0)	0	(0)	**414**	**(6.7)**
Sepsis (X70VZ)	201	(52)	189	(48)	0	(0)	0	(0)	**390**	**(6.3)**
Status epilepticus (X007B)	219	(57)	167	(43)	1	(0)	0	(0)	**387**	**(6.3)**
Hypoplastic left heart syndrome (P67..)	237	(67)	116	(33)	0	(0)	0	(0)	**353**	**(5.7)**
Tetralogy of Fallot (P52..)	207	(62)	126	(38)	0	(0)	0	(0)	**333**	**(5.4)**
Atrioventricular septal defect & common atriovent junction (X77wc)	137	(49)	145	(51)	0	(0)	0	(0)	**282**	**(4.6)**
Pneumonia (X100E)	145	(53)	128	(47)	0	(0)	0	(0)	**273**	**(4.4)**
Discordant ventriculoarterial connection (P51..)	169	(71)	68	(29)	0	(0)	0	(0)	**237**	**(3.8)**
Unspecified conditions (Z....)	134	(57)	101	(43)	0	(0)	1	(0)	**236**	**(3.8)**
Congenital heart disease (X77tW)	142	(62)	86	(38)	0	(0)	0	(0)	**228**	**(3.7)**
Patent ductus arteriosus (P70..)	93	(46)	110	(54)	0	(0)	0	(0)	**203**	**(3.3)**
Total great vessel transposition (P510.)	125	(66)	63	(34)	0	(0)	0	(0)	**188**	**(3.0)**
Respiratory obstruction (XM05Q)	98	(59)	68	(41)	0	(0)	0	(0)	**166**	**(2.7)**
Atrial septal defect (X77vY)	68	(41)	96	(59)	0	(0)	0	(0)	**164**	**(2.7)**
Aortic coarctation (P71..)	103	(63)	60	(37)	0	(0)	0	(0)	**163**	**(2.6)**
Asthma (H33..)	79	(52)	74	(48)	0	(0)	0	(0)	**153**	**(2.5)**
Cyanotic congenital heart disease NOS (XE1KK)	94	(63)	55	(37)	0	(0)	0	(0)	**149**	**(2.4)**
Scoliosis deformity of spine (Xa6vS)	33	(23)	113	(77)	0	(0)	0	(0)	**146**	**(2.4)**
Acute bronchiolitis due to respiratory syncytial virus (H0615)	76	(54)	63	(45)	1	(1)	0	(0)	**140**	**(2.3)**
Epileptic seizures - clonic (F2512)	79	(57)	58	(42)	0	(0)	0	(0)	**138**	**(2.2)**
Coarctation of aorta NOS (P71z.)	79	(59)	54	(41)	0	(0)	0	(0)	**133**	**(2.2)**
Status asthmaticus (X102D)	73	(56)	57	(44)	0	(0)	0	(0)	**130**	**(2.1)**
Neonatal necrotising enterocolitis (Q464.)	74	(58)	53	(41)	0	(0)	1	(1)	**128**	**(2.1)**
Total	**3,474**	**(56.3)**	**2,689**	**(43.6)**	**2**	**(0.0)**	**2**	**(0.0)**	**6,168**	

Table 24 Most commonly returned Read Codes for primary reason for 'unplanned - following surgery' admissions, 2006 - 2008

Primary Diagnosis	Sex									
	Male		Female		Ambiguous		Unknown		Total	
	n	%	n	%	n	%	n	%	n	%
Hypoplastic left heart syndrome (P67..)	35	(67)	17	(33)	0	(0)	0	(0)	**52**	**(18.2)**
Ventricular septal defect (P54..)	13	(52)	12	(48)	0	(0)	0	(0)	**25**	**(8.8)**
Discordant ventriculoarterial connection (P51..)	17	(74)	6	(26)	0	(0)	0	(0)	**23**	**(8.1)**
Intussusception (J500.)	12	(80)	3	(20)	0	(0)	0	(0)	**15**	**(5.3)**
Obstructive sleep apnoea (X0084)	8	(62)	5	(38)	0	(0)	0	(0)	**13**	**(4.6)**
Pneumonia (X100E)	4	(33)	8	(67)	0	(0)	0	(0)	**12**	**(4.2)**
Empyema (XaE01)	4	(33)	8	(67)	0	(0)	0	(0)	**12**	**(4.2)**
Appendicitis (Xa9C4)	5	(42)	7	(58)	0	(0)	0	(0)	**12**	**(4.2)**
Coarctation of aorta NOS (P71z.)	7	(58)	5	(42)	0	(0)	0	(0)	**12**	**(4.2)**
Sleep apnoea (X0083)	8	(80)	2	(20)	0	(0)	0	(0)	**10**	**(3.5)**
Obstruction of intestine (X305B)	5	(56)	4	(44)	0	(0)	0	(0)	**9**	**(3.2)**
Atrioventricular septal defect & common atriovent junction (X77wc)	4	(50)	4	(50)	0	(0)	0	(0)	**8**	**(2.8)**
Hirschsprung's disease (PB30.)	7	(88)	1	(13)	0	(0)	0	(0)	**8**	**(2.8)**
Injury of head region (XA003)	4	(57)	3	(43)	0	(0)	0	(0)	**7**	**(2.5)**
Congenital aortic valve stenosis (P63..)	6	(86)	1	(14)	0	(0)	0	(0)	**7**	**(2.5)**
Congenital heart disease (X77tW)	4	(57)	3	(43)	0	(0)	0	(0)	**7**	**(2.5)**
Subglottic stenosis (X00nG)	3	(43)	4	(57)	0	(0)	0	(0)	**7**	**(2.5)**
Respiratory failure (XM09V)	2	(29)	5	(71)	0	(0)	0	(0)	**7**	**(2.5)**
Peritonitis (J55..)	6	(86)	1	(14)	0	(0)	0	(0)	**7**	**(2.5)**
Acute intestinal obstruction (J50z4)	5	(83)	1	(17)	0	(0)	0	(0)	**6**	**(2.1)**
Hydrocephalus (X00EG)	4	(67)	2	(33)	0	(0)	0	(0)	**6**	**(2.1)**
Imperforate anus (PB26.)	5	(100)	0	(0)	0	(0)	0	(0)	**5**	**(1.8)**
Malrotation of intestine (X305T)	3	(60)	2	(40)	0	(0)	0	(0)	**5**	**(1.8)**
Gastro-oesophageal reflux disease (X3003)	2	(40)	3	(60)	0	(0)	0	(0)	**5**	**(1.8)**
Double outlet right ventricle (P511.)	4	(80)	1	(20)	0	(0)	0	(0)	**5**	**(1.8)**
Total	**177**	**(62.1)**	**108**	**(37.9)**	**0**	**(0.0)**	**0**	**(0.0)**	**285**	

Table 25 Most commonly returned Read Codes for primary reason for 'unplanned - other' admission, 2006 - 2008

Primary Diagnosis	Sex									
	Male		Female		Ambiguous		Unknown		Total	
	n	%	n	%	n	%	n	%	n	%
Bronchiolitis (XSDOK)	323	(60)	215	(40)	0	(0)	0	(0)	**538**	**(14.0)**
Status epilepticus (X007B)	213	(57)	161	(43)	1	(0)	0	(0)	**375**	**(9.8)**
Respiratory failure (XM09V)	207	(56)	165	(44)	0	(0)	0	(0)	**372**	**(9.7)**
Sepsis (X70VZ)	185	(51)	177	(49)	0	(0)	0	(0)	**362**	**(9.4)**
Pneumonia (X100E)	133	(54)	114	(46)	0	(0)	0	(0)	**247**	**(6.4)**
Asthma (H33..)	79	(52)	73	(48)	0	(0)	0	(0)	**152**	**(4.0)**
Epileptic seizures - clonic (F2512)	78	(57)	58	(42)	0	(0)	0	(0)	**137**	**(3.6)**
Acute bronchiolitis due to respiratory syncytial virus (H0615)	72	(54)	61	(46)	1	(1)	0	(0)	**134**	**(3.5)**
Status asthmaticus (X102D)	71	(56)	55	(44)	0	(0)	0	(0)	**126**	**(3.3)**
Diabetic ketoacidosis (C101.)	54	(45)	66	(55)	0	(0)	0	(0)	**120**	**(3.1)**
Acute laryngotracheobronchitis (Xa0lW)	70	(61)	45	(39)	0	(0)	0	(0)	**115**	**(3.0)**
Injury of head region (XA003)	67	(61)	43	(39)	0	(0)	0	(0)	**110**	**(2.9)**
Acute bronchiolitis (H061.)	58	(54)	49	(46)	0	(0)	0	(0)	**107**	**(2.8)**
Febrile convulsion (XM03l)	66	(63)	38	(37)	0	(0)	0	(0)	**104**	**(2.7)**
Neonatal necrotising enterocolitis (Q464.)	60	(58)	42	(41)	0	(0)	1	(1)	**103**	**(2.7)**
Aspiration pneumonitis (H47..)	49	(49)	51	(51)	0	(0)	0	(0)	**100**	**(2.6)**
Hypoplastic left heart syndrome (P67..)	46	(61)	30	(39)	0	(0)	0	(0)	**76**	**(2.0)**
Septic shock (X208Z)	50	(66)	26	(34)	0	(0)	0	(0)	**76**	**(2.0)**
Respiratory obstruction (XM05Q)	43	(59)	30	(41)	0	(0)	0	(0)	**73**	**(1.9)**
Cardiac arrest (XE0V5)	35	(49)	36	(51)	0	(0)	0	(0)	**71**	**(1.8)**
Acute lower respiratory tract infection (XE0Xt)	37	(53)	33	(47)	0	(0)	0	(0)	**70**	**(1.8)**
Patent ductus arteriosus (P70..)	40	(58)	29	(42)	0	(0)	0	(0)	**69**	**(1.8)**
Respiratory arrest (XM09W)	46	(67)	23	(33)	0	(0)	0	(0)	**69**	**(1.8)**
Exacerbation of asthma (Xa1hD)	31	(46)	36	(54)	0	(0)	0	(0)	**67**	**(1.7)**
Meconium aspiration syndrome (Q3110)	38	(58)	28	(42)	0	(0)	0	(0)	**66**	**(1.7)**
Total	**2,151**	**(56.0)**	**1,684**	**(43.9)**	**2**	**(0.1)**	**1**	**(0.0)**	**3,839**	

Table 26 Retrievals by team type and age, 2006 - 2008

Retrieval Team	Age Group (Years) <1 n	%	1-4 n	%	5-10 n	%	11-15 n	%	Total n	%
Own team	795	(49)	470	(29)	200	(12)	164	(10)	**1,629**	**(25.7)**
Other specialist team (PICU)	2,019	(55)	880	(24)	410	(11)	348	(10)	**3,657**	**(57.7)**
Other specialist team (non-PICU)	392	(71)	73	(13)	37	(7)	53	(10)	**555**	**(8.8)**
Non-specialist team	287	(62)	74	(16)	43	(9)	57	(12)	**461**	**(7.3)**
Unknown	7	(18)	16	(42)	6	(16)	9	(24)	**38**	**(0.6)**
Total	**3,500**	**(55.2)**	**1,513**	**(23.9)**	**696**	**(11.0)**	**631**	**(10.0)**	**6,340**	

Figure 26 Retrievals by team type, 2006 - 2008

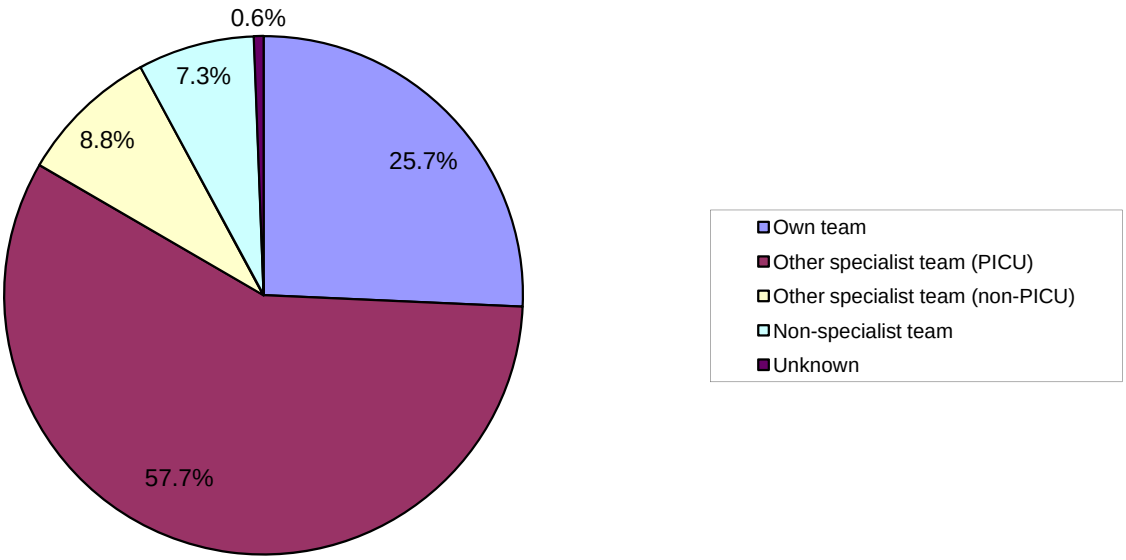


Table 27 'Non-specialist team' retrievals by diagnostic group and age, 2006 - 2008

Diagnostic Group	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Blood / lymphatic	2	(25)	5	(63)	0	(0)	1	(13)	**8**	**(1.7)**
Body wall and cavities	12	(92)	1	(8)	0	(0)	0	(0)	**13**	**(2.8)**
Cardiovascular	88	(82)	6	(6)	3	(3)	10	(9)	**107**	**(23.2)**
Endocrine / metabolic	6	(86)	1	(14)	0	(0)	0	(0)	**7**	**(1.5)**
Gastrointestinal	33	(70)	5	(11)	5	(11)	4	(9)	**47**	**(10.2)**
Infection	6	(50)	0	(0)	4	(33)	2	(17)	**12**	**(2.6)**
Multisystem	2	(100)	0	(0)	0	(0)	0	(0)	**2**	**(0.4)**
Musculoskeletal	3	(50)	2	(33)	1	(17)	0	(0)	**6**	**(1.3)**
Neurological	26	(43)	9	(15)	12	(20)	13	(22)	**60**	**(13.0)**
Oncology	5	(26)	7	(37)	3	(16)	4	(21)	**19**	**(4.1)**
Respiratory	78	(64)	28	(23)	6	(5)	9	(7)	**121**	**(26.2)**
Trauma	5	(14)	8	(23)	9	(26)	13	(37)	**35**	**(7.6)**
Other	21	(88)	2	(8)	0	(0)	1	(4)	**24**	**(5.2)**
Total	**287**	**(62.3)**	**74**	**(16.1)**	**43**	**(9.3)**	**57**	**(12.4)**	**461**	

Table 28 Retrievals by retrieval type by NHS trust, 2006 - 2008

Year	NHS Trust	Retrieval Team: Own team n	%	Other specialist team (PICU) n	%	Other specialist team (non-PICU) n	%	Non-specialist team n	%	Unknown n	%	Total n	%
2006	**A**	50	(38)	42	(32)	17	(13)	23	(17)	0	(0)	**132**	**(6.5)**
	B	2	(20)	4	(40)	3	(30)	1	(10)	0	(0)	**10**	**(0.5)**
	E	6	(1)	593	(79)	4	(1)	144	(19)	0	(0)	**747**	**(36.8)**
	F	388	(80)	66	(14)	10	(2)	20	(4)	0	(0)	**484**	**(23.8)**
	H	6	(5)	92	(83)	7	(6)	6	(5)	0	(0)	**111**	**(5.5)**
	J	0	(0)	0	(0)	2	(100)	0	(0)	0	(0)	**2**	**-**
	O	2	(1)	14	(10)	131	(89)	0	(0)	0	(0)	**147**	**(7.2)**
	T	0	(0)	118	(91)	1	(1)	11	(8)	0	(0)	**130**	**(6.4)**
	U	3	(1)	244	(91)	19	(7)	2	(1)	1	(0)	**269**	**(13.2)**
2006 Total		**457**	**(22.5)**	**1,173**	**(57.7)**	**194**	**(9.5)**	**207**	**(10.2)**	**1**	**(0.0)**	2,032	
2007	**A**	43	(24)	78	(43)	60	(33)	1	(1)	0	(0)	**182**	**(8.6)**
	B	3	(23)	4	(31)	0	(0)	6	(46)	0	(0)	**13**	**(0.6)**
	E	14	(2)	467	(78)	3	(1)	113	(19)	1	(0)	**598**	**(28.2)**
	F	463	(78)	109	(18)	13	(2)	5	(1)	0	(0)	**590**	**(27.8)**
	H	5	(5)	79	(84)	9	(10)	1	(1)	0	(0)	**94**	**(4.4)**
	J	0	(0)	1	(50)	1	(50)	0	(0)	0	(0)	**2**	**-**
	O	0	(0)	4	(2)	182	(98)	0	(0)	0	(0)	**186**	**(8.8)**
	T	0	(0)	82	(71)	4	(3)	2	(2)	28	(24)	**116**	**(5.5)**
	U	9	(3)	262	(95)	3	(1)	1	(0)	0	(0)	**275**	**(13.0)**
	Z	34	(53)	13	(20)	4	(6)	12	(19)	1	(2)	**64**	**(3.0)**
2007 Total		**571**	**(26.9)**	**1,099**	**(51.8)**	**279**	**(13.2)**	**141**	**(6.7)**	**30**	**(1.4)**	2,120	
2008	**A**	27	(19)	79	(55)	36	(25)	1	(1)	1	(1)	**144**	**(6.6)**
	B	3	(23)	4	(31)	2	(15)	4	(31)	0	(0)	**13**	**(0.6)**
	E	95	(13)	586	(78)	9	(1)	59	(8)	3	(0)	**752**	**(34.4)**
	F	425	(82)	69	(13)	9	(2)	14	(3)	0	(0)	**517**	**(23.6)**
	H	2	(2)	111	(94)	2	(2)	2	(2)	1	(1)	**118**	**(5.4)**
	J	1	(50)	0	(0)	1	(50)	0	(0)	0	(0)	**2**	**-**
	O	0	(0)	153	(96)	6	(4)	0	(0)	0	(0)	**159**	**(7.3)**
	T	9	(5)	160	(90)	4	(2)	4	(2)	0	(0)	**177**	**(8.1)**
	U	4	(2)	203	(97)	3	(1)	0	(0)	0	(0)	**210**	**(9.6)**
	Z	35	(36)	20	(21)	10	(10)	29	(30)	2	(2)	**96**	**(4.4)**
2008 Total		**601**	**(27.5)**	**1,385**	**(63.3)**	**82**	**(3.7)**	**113**	**(5.2)**	**7**	**(0.3)**	2,188	
Grand Total		**1,629**	**(25.7)**	**3,657**	**(57.7)**	**555**	**(8.8)**	**461**	**(7.3)**	**38**	**(0.6)**	6,340	

Table 29 Interventions received by NHS trust, 2006 - 2008

Year	NHS Trust	Intervention: Invasive Ventilation		Non-Invasive Ventilation		Tracheostomy		ECMO		IV Vasoactive Drugs		LVAD		ICP Device		Renal Support		Admissions	
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2006	**A**	180	(40)	34	(8)	10	(2)	0	(0)	50	(11)	0	(0)	21	(5)	2	(0)	**449**	**(8.6)**
	B	14	(6)	35	(15)	3	(1)	0	(0)	1	(0)	0	(0)	1	(0)	0	(0)	**227**	**(4.4)**
	E	1,403	(88)	147	(9)	43	(3)	57	(4)	771	(48)	2	(0)	57	(4)	80	(5)	**1,599**	**(30.6)**
	F	858	(79)	6	(1)	14	(1)	1	(0)	352	(32)	0	(0)	0	(0)	42	(4)	**1,087**	**(20.8)**
	H	230	(73)	29	(9)	6	(2)	0	(0)	59	(19)	0	(0)	10	(3)	23	(7)	**315**	**(6.0)**
	J	25	(34)	7	(9)	0	(0)	0	(0)	5	(7)	0	(0)	0	(0)	0	(0)	**74**	**(1.4)**
	O	473	(72)	146	(22)	2	(0)	3	(0)	379	(58)	0	(0)	0	(0)	25	(4)	**657**	**(12.6)**
	T	179	(40)	120	(27)	0	(0)	0	(0)	33	(7)	0	(0)	9	(2)	2	(0)	**442**	**(8.5)**
	U	273	(74)	40	(11)	3	(1)	0	(0)	99	(27)	0	(0)	0	(0)	6	(2)	**367**	**(7.0)**
2006 Total		**3,635**	**(69.7)**	**564**	**(10.8)**	**81**	**(1.6)**	**61**	**(1.2)**	**1,749**	**(33.5)**	**2**	**(0.0)**	**98**	**(1.9)**	**180**	**(3.5)**	5,217	
2007	**A**	202	(39)	32	(6)	9	(2)	2	(0)	65	(13)	0	(0)	14	(3)	2	(0)	**512**	**(9.3)**
	B	17	(10)	34	(20)	2	(1)	1	(1)	5	(3)	0	(0)	0	(0)	0	(0)	**171**	**(3.1)**
	E	1,240	(84)	127	(9)	61	(4)	49	(3)	713	(48)	11	(1)	52	(4)	60	(4)	**1,473**	**(26.7)**
	F	949	(79)	17	(1)	16	(1)	0	(0)	386	(32)	0	(0)	0	(0)	36	(3)	**1,197**	**(21.7)**
	H	135	(47)	11	(4)	3	(1)	1	(0)	20	(7)	0	(0)	7	(2)	9	(3)	**290**	**(5.3)**
	J	22	(18)	15	(13)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	**119**	**(2.2)**
	O	426	(67)	139	(22)	3	(0)	1	(0)	311	(49)	0	(0)	1	(0)	22	(3)	**638**	**(11.6)**
	T	167	(43)	85	(22)	1	(0)	0	(0)	44	(11)	0	(0)	12	(3)	6	(2)	**385**	**(7.0)**
	U	292	(80)	77	(21)	4	(1)	0	(0)	92	(25)	0	(0)	1	(0)	11	(3)	**367**	**(6.7)**
	Z	46	(13)	64	(18)	8	(2)	2	(1)	5	(1)	1	(0)	0	(0)	2	(1)	**359**	**(6.5)**
2007 Total		**3,496**	**(63.4)**	**601**	**(10.9)**	**107**	**(1.9)**	**56**	**(1.0)**	**1,641**	**(29.8)**	**12**	**(0.2)**	**87**	**(1.6)**	**148**	**(2.7)**	5,511	
2008	**A**	203	(43)	21	(4)	10	(2)	0	(0)	55	(12)	0	(0)	20	(4)	3	(1)	**470**	**(8.2)**
	B	27	(10)	24	(8)	7	(2)	0	(0)	4	(1)	0	(0)	0	(0)	0	(0)	**284**	**(4.9)**
	E	1,298	(83)	196	(13)	46	(3)	36	(2)	712	(45)	7	(0)	32	(2)	62	(4)	**1,566**	**(27.2)**
	F	937	(81)	32	(3)	24	(2)	2	(0)	352	(30)	0	(0)	0	(0)	48	(4)	**1,156**	**(20.0)**
	H	83	(22)	10	(3)	0	(0)	6	(2)	22	(6)	0	(0)	4	(1)	8	(2)	**382**	**(6.6)**
	J	22	(17)	26	(20)	1	(1)	0	(0)	3	(2)	0	(0)	0	(0)	0	(0)	**129**	**(2.2)**
	O	447	(73)	113	(19)	0	(0)	5	(1)	341	(56)	1	(0)	0	(0)	18	(3)	**610**	**(10.6)**
	T	215	(45)	36	(8)	1	(0)	0	(0)	43	(9)	0	(0)	14	(3)	6	(1)	**476**	**(8.3)**
	U	231	(77)	68	(23)	0	(0)	0	(0)	106	(35)	0	(0)	1	(0)	15	(5)	**301**	**(5.2)**
	Z	68	(17)	79	(20)	8	(2)	0	(0)	10	(3)	0	(0)	3	(1)	0	(0)	**392**	**(6.8)**
2008 Total		**3,531**	**(61.2)**	**605**	**(10.5)**	**97**	**(1.7)**	**49**	**(0.8)**	**1,648**	**(28.6)**	**8**	**(0.1)**	**74**	**(1.3)**	**160**	**(2.8)**	5,766	
Grand Total		**10,662**	**(64.6)**	**1,770**	**(10.7)**	**285**	**(1.7)**	**166**	**(1.0)**	**5,038**	**(30.5)**	**22**	**(0.1)**	**259**	**(1.6)**	**488**	**(3.0)**	16,494	

Table 30 Admissions by ventilation status and age, 2006 - 2008

Ventilation Status	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Invasive only	4,980	(52)	2,563	(27)	1,088	(11)	975	(10)	**9,606**	**(58.2)**
Non-invasive only	412	(58)	145	(20)	86	(12)	71	(10)	**714**	**(4.3)**
Both	706	(67)	187	(18)	81	(8)	82	(8)	**1,056**	**(6.4)**
Neither	1,864	(37)	1,454	(29)	867	(17)	910	(18)	**5,096**	**(30.9)**
Unknown	4	(18)	8	(36)	3	(14)	7	(32)	**22**	**(0.1)**
Total	**7,966**	**(48.3)**	**4,357**	**(26.4)**	**2,125**	**(12.9)**	**2,045**	**(12.4)**	**16,494**	

Table 31 Admissions by ventilation status by NHS trust, 2006 - 2008

Year	NHS Trust	Ventilation Status											
		Invasive only		Non-invasive only		Both		Neither		Unknown		Total	
		n	%	n	%	n	%	n	%	n	%	n	%
2006	**A**	163	(36)	17	(4)	17	(4)	252	(56)	0	(0)	**449**	**(8.6)**
	B	8	(4)	29	(13)	6	(3)	184	(81)	0	(0)	**227**	**(4.4)**
	E	1,290	(81)	34	(2)	113	(7)	162	(10)	0	(0)	**1,599**	**(30.6)**
	F	853	(78)	1	(0)	5	(0)	228	(21)	0	(0)	**1,087**	**(20.8)**
	H	208	(66)	7	(2)	22	(7)	70	(22)	8	(3)	**315**	**(6.0)**
	J	22	(30)	4	(5)	3	(4)	45	(61)	0	(0)	**74**	**(1.4)**
	O	363	(55)	36	(5)	110	(17)	148	(23)	0	(0)	**657**	**(12.6)**
	T	126	(29)	67	(15)	53	(12)	196	(44)	0	(0)	**442**	**(8.5)**
	U	249	(68)	16	(4)	24	(7)	78	(21)	0	(0)	**367**	**(7.0)**
2006 Total		**3,282**	**(62.9)**	**211**	**(4.0)**	**353**	**(6.8)**	**1,363**	**(26.1)**	**8**	**(0.2)**	5,217	
2007	**A**	180	(35)	10	(2)	22	(4)	300	(59)	0	(0)	**512**	**(9.3)**
	B	9	(5)	26	(15)	8	(5)	128	(75)	0	(0)	**171**	**(3.1)**
	E	1,153	(78)	40	(3)	87	(6)	193	(13)	0	(0)	**1,473**	**(26.7)**
	F	935	(78)	3	(0)	14	(1)	245	(20)	0	(0)	**1,197**	**(21.7)**
	H	129	(44)	5	(2)	6	(2)	142	(49)	8	(3)	**290**	**(5.3)**
	J	18	(15)	11	(9)	4	(3)	86	(72)	0	(0)	**119**	**(2.2)**
	O	331	(52)	44	(7)	95	(15)	168	(26)	0	(0)	**638**	**(11.6)**
	T	121	(31)	39	(10)	46	(12)	179	(46)	0	(0)	**385**	**(7.0)**
	U	234	(64)	19	(5)	58	(16)	56	(15)	0	(0)	**367**	**(6.7)**
	Z	37	(10)	55	(15)	9	(3)	252	(70)	6	(2)	**359**	**(6.5)**
2007 Total		**3,147**	**(57.1)**	**252**	**(4.6)**	**349**	**(6.3)**	**1,749**	**(31.7)**	**14**	**(0.3)**	5,511	
2008	**A**	189	(40)	7	(1)	14	(3)	260	(55)	0	(0)	**470**	**(8.2)**
	B	25	(9)	22	(8)	2	(1)	235	(83)	0	(0)	**284**	**(4.9)**
	E	1,145	(73)	43	(3)	153	(10)	225	(14)	0	(0)	**1,566**	**(27.2)**
	F	913	(79)	8	(1)	24	(2)	211	(18)	0	(0)	**1,156**	**(20.0)**
	H	78	(20)	5	(1)	5	(1)	294	(77)	0	(0)	**382**	**(6.6)**
	J	14	(11)	18	(14)	8	(6)	89	(69)	0	(0)	**129**	**(2.2)**
	O	369	(60)	35	(6)	78	(13)	128	(21)	0	(0)	**610**	**(10.6)**
	T	198	(42)	19	(4)	17	(4)	242	(51)	0	(0)	**476**	**(8.3)**
	U	185	(61)	22	(7)	46	(15)	48	(16)	0	(0)	**301**	**(5.2)**
	Z	61	(16)	72	(18)	7	(2)	252	(64)	0	(0)	**392**	**(6.8)**
2008 Total		**3,177**	**(55.1)**	**251**	**(4.4)**	**354**	**(6.1)**	**1,984**	**(34.4)**	**0**	**(0.0)**	5,766	
Grand Total		**9,606**	**(58.2)**	**714**	**(4.3)**	**1,056**	**(6.4)**	**5,096**	**(30.9)**	**22**	**(0.1)**	16,494	

Figure 31a Percentage of children receiving invasive ventilation

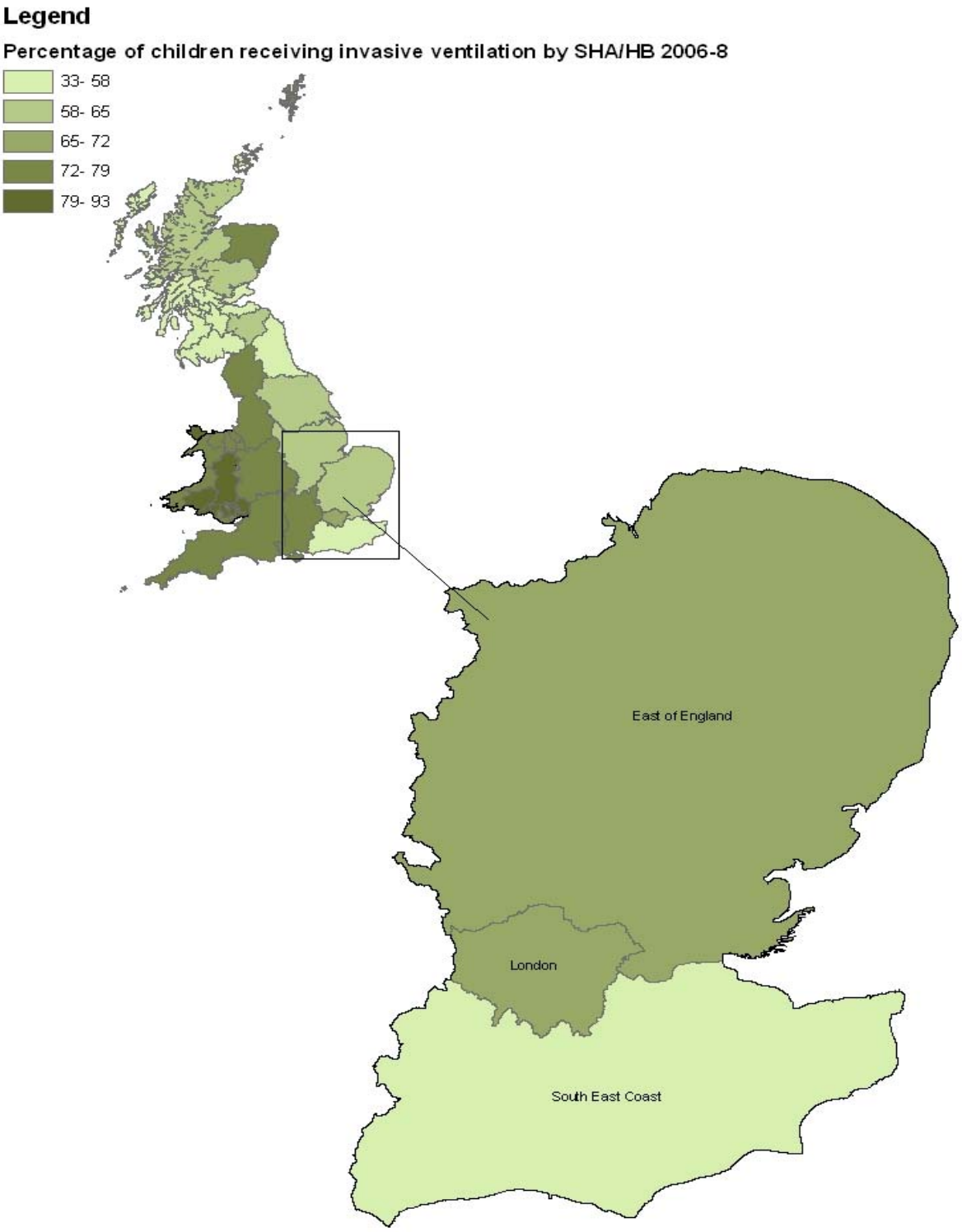


Figure 31b Percentage of children receiving invasive ventilation by PCO in Great Britain, 2006- 2008

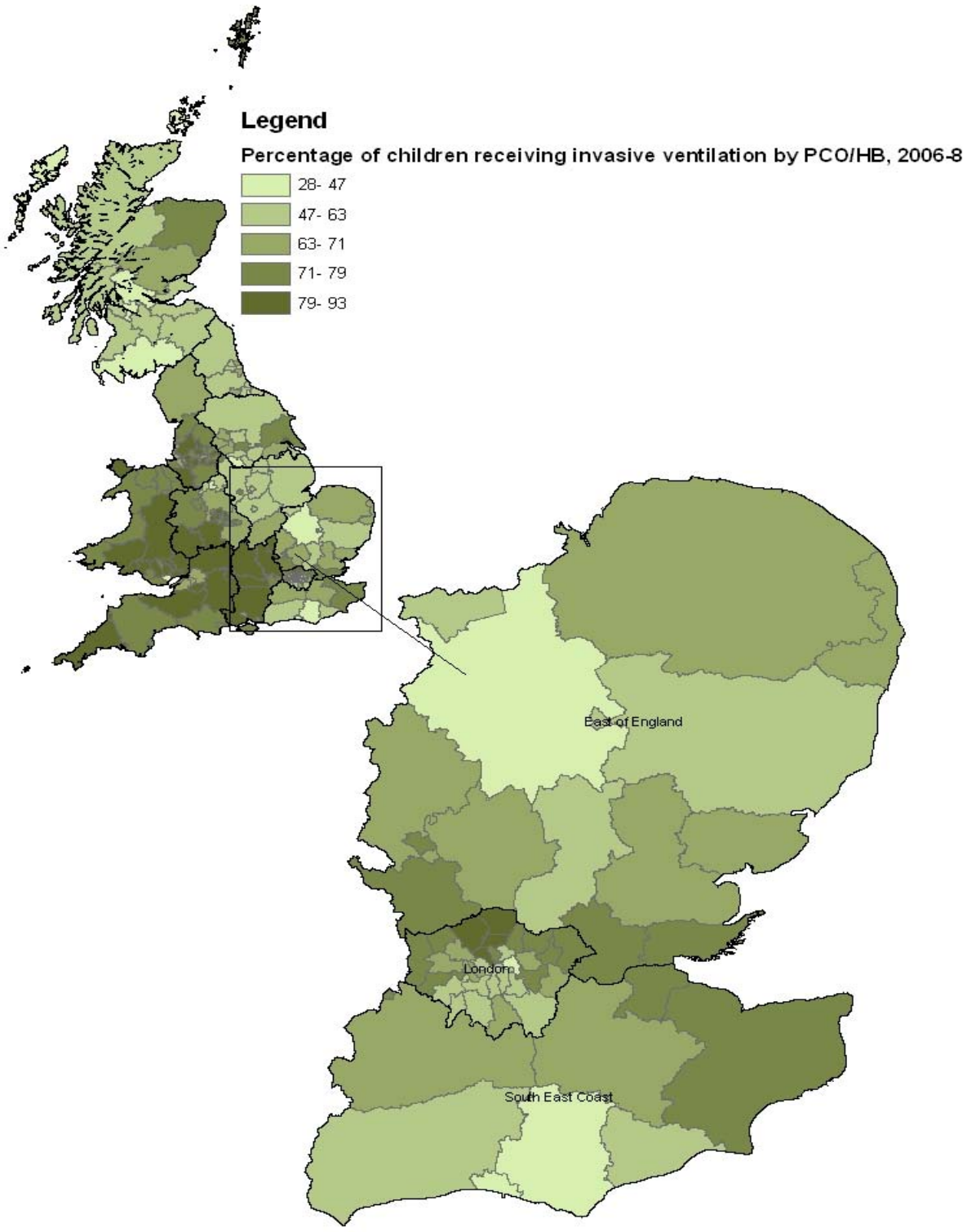


Table 32 Bed days by age and sex, 2006 - 2008

Age (Years)	Sex									
	Male		Female		Ambiguous		Unknown		Total	
	n	%	n	%	n	%	n	%	n	%
0	30,289	(58)	22,153	(42)	10	(0)	17	(0)	**52,469**	**(56.9)**
1	6,155	(59)	4,229	(41)	0	(0)	1	(0)	**10,385**	**(11.3)**
2	2,578	(55)	2,066	(44)	0	(0)	7	(0)	**4,651**	**(5.0)**
3	2,150	(60)	1,420	(40)	5	(0)	0	(0)	**3,577**	**(3.9)**
4	1,179	(55)	959	(45)	0	(0)	2	(0)	**2,140**	**(2.3)**
5	1,121	(54)	958	(46)	0	(0)	0	(0)	**2,079**	**(2.3)**
6	734	(52)	673	(48)	0	(0)	0	(0)	**1,407**	**(1.5)**
7	714	(49)	752	(51)	0	(0)	0	(0)	**1,466**	**(1.6)**
8	837	(59)	585	(41)	1	(0)	0	(0)	**1,423**	**(1.5)**
9	933	(56)	745	(44)	0	(0)	0	(0)	**1,678**	**(1.8)**
10	941	(57)	710	(43)	0	(0)	0	(0)	**1,651**	**(1.8)**
11	659	(48)	701	(51)	3	(0)	0	(0)	**1,363**	**(1.5)**
12	802	(51)	764	(49)	0	(0)	0	(0)	**1,566**	**(1.7)**
13	1,016	(47)	1,125	(53)	0	(0)	0	(0)	**2,141**	**(2.3)**
14	1,031	(53)	929	(47)	0	(0)	0	(0)	**1,960**	**(2.1)**
15	847	(44)	1,054	(55)	0	(0)	8	(0)	**1,909**	**(2.1)**
Unknown	373	(100)	0	(0)	0	(0)	0	(0)	**373**	**(0.4)**
Total	**52,359**	**(56.8)**	**39,823**	**(43.2)**	**19**	**(0.0)**	**35**	**(0.0)**	**92,238**	

Figure 32 Bed days by age and sex, 2006 - 2008

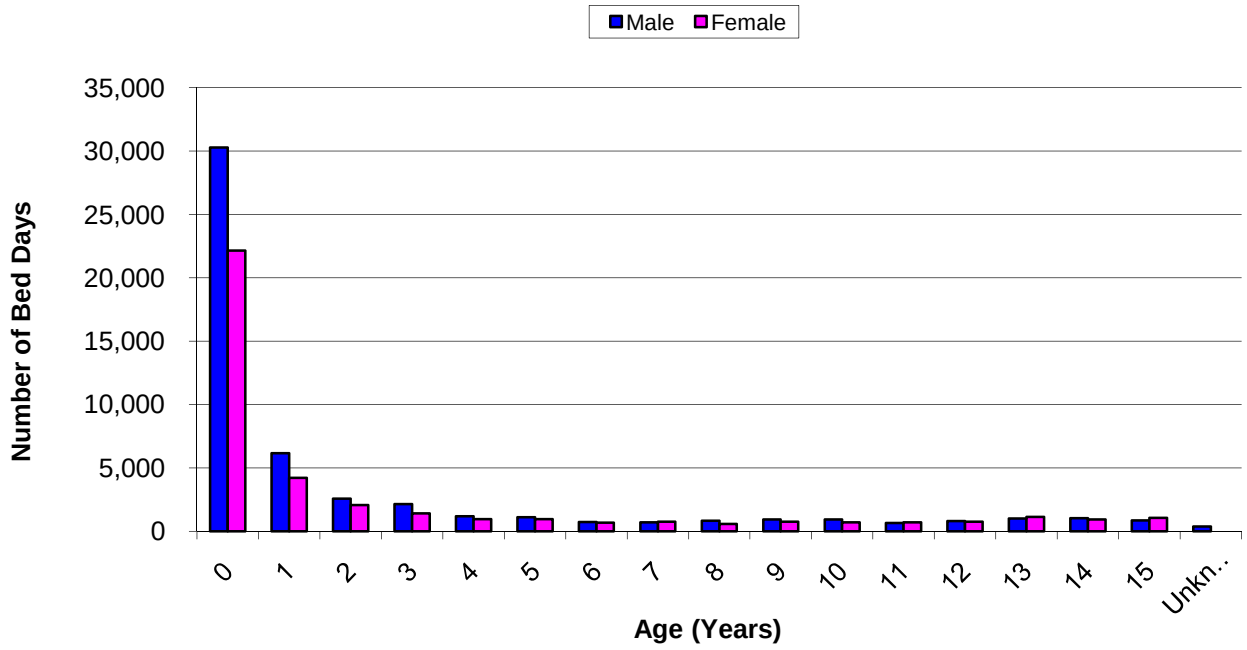


Table 33 Bed days by age by NHS trust, 2006 - 2008

Year	NHS Trust	Age Group (Years) <1 n	<1 %	1-4 n	1-4 %	5-10 n	5-10 %	11-15 n	11-15 %	Total n	Total %
2006	**A**	732	(35)	436	(21)	647	(31)	289	(14)	**2,104**	**(7.3)**
	B	211	(37)	97	(17)	69	(12)	186	(33)	**563**	**(2.0)**
	E	7,014	(66)	1,820	(17)	954	(9)	871	(8)	**10,659**	**(37.0)**
	F	3,102	(61)	1,155	(23)	343	(7)	512	(10)	**5,112**	**(17.7)**
	H	750	(44)	572	(34)	207	(12)	168	(10)	**1,697**	**(5.9)**
	J	101	(64)	37	(23)	9	(6)	11	(7)	**158**	**(0.5)**
	O	2,754	(66)	799	(19)	302	(7)	142	(3)	**4,176**	**(14.5)**
	T	696	(35)	569	(28)	400	(20)	352	(17)	**2,017**	**(7.0)**
	U	1,096	(47)	696	(30)	354	(15)	175	(8)	**2,321**	**(8.1)**
2006 Total		**16,456**	**(57.1)**	**6,181**	**(21.5)**	**3,285**	**(11.4)**	**2,706**	**(9.4)**	**28,807**	
2007	**A**	994	(43)	489	(21)	271	(12)	569	(24)	**2,323**	**(7.5)**
	B	256	(51)	99	(20)	72	(14)	73	(15)	**500**	**(1.6)**
	E	6,134	(63)	2,001	(20)	820	(8)	837	(9)	**9,792**	**(31.5)**
	F	3,693	(63)	1,233	(21)	403	(7)	558	(9)	**5,887**	**(19.0)**
	H	635	(37)	469	(28)	352	(21)	248	(15)	**1,704**	**(5.5)**
	J	123	(47)	67	(26)	22	(8)	48	(18)	**260**	**(0.8)**
	O	3,196	(73)	618	(14)	197	(4)	197	(4)	**4,402**	**(14.2)**
	T	696	(33)	729	(34)	307	(14)	403	(19)	**2,135**	**(6.9)**
	U	1,038	(40)	929	(36)	358	(14)	270	(10)	**2,595**	**(8.4)**
	Z	708	(48)	397	(27)	188	(13)	169	(12)	**1,462**	**(4.7)**
2007 Total		**17,473**	**(56.3)**	**7,031**	**(22.6)**	**2,990**	**(9.6)**	**3,372**	**(10.9)**	**31,060**	
2008	**A**	844	(34)	929	(37)	333	(13)	391	(16)	**2,497**	**(7.7)**
	B	387	(31)	422	(34)	167	(13)	264	(21)	**1,240**	**(3.8)**
	E	7,144	(68)	1,796	(17)	793	(8)	819	(8)	**10,552**	**(32.6)**
	F	3,681	(63)	1,339	(23)	399	(7)	425	(7)	**5,844**	**(18.1)**
	H	694	(38)	598	(33)	305	(17)	211	(12)	**1,808**	**(5.6)**
	J	130	(51)	47	(19)	45	(18)	32	(13)	**254**	**(0.8)**
	O	3,309	(81)	531	(13)	146	(4)	97	(2)	**4,083**	**(12.6)**
	T	649	(31)	768	(37)	375	(18)	312	(15)	**2,104**	**(6.5)**
	U	979	(44)	737	(33)	393	(18)	125	(6)	**2,234**	**(6.9)**
	Z	723	(41)	374	(21)	473	(27)	185	(11)	**1,755**	**(5.4)**
2008 Total		**18,540**	**(57.3)**	**7,541**	**(23.3)**	**3,429**	**(10.6)**	**2,861**	**(8.8)**	**32,371**	
Grand Total		**52,469**	**(56.9)**	**20,753**	**(22.5)**	**9,704**	**(10.5)**	**8,939**	**(9.7)**	**92,238**	

Table 34 Bed census by month, 2006 - 2008

Year	Month	Number in PICU Median	IQR
2006	**1**	64	60-67
	2	71	68-73
	3	71	67-74
	4	63	58-67
	5	57	53-63
	6	61	54-64
	7	60	57-65
	8	63	61-66
	9	65	61-69
	10	65	60-69
	11	71	69-77
	12	73	71-75
2007	**1**	69	64-74
	2	76	70.5-79
	3	72	68-74
	4	68	65-74
	5	65	63-70
	6	74	71-77
	7	69	63-74
	8	66	63-70
	9	65	59-69
	10	71	65-75
	11	78	74-81
	12	78	73-81
2008	**1**	71	67-78
	2	65	62-68
	3	71	67-73
	4	73	70-78
	5	69	66-73
	6	64	62-69
	7	72	65-77
	8	68	63-73
	9	77	71-80
	10	81	79-83
	11	89	87-93
	12	87	79-91

Figure 34 Bed census by month, 2006 - 2008

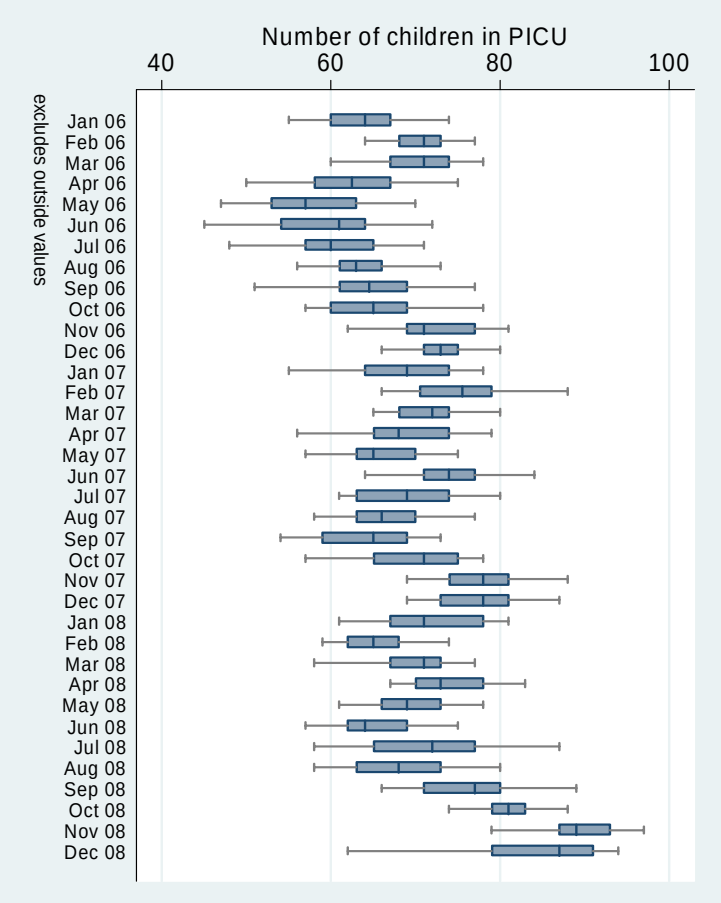


Table 35 Bed census by NHS trust, 2006 - 2008

Year	NHS Trust	Number in PICU Median	IQR
2006	A	5	4-5
	B	1	0-2
	E	25	23-27
	F	11	9-13
	H	4	3-5
	J	0	0-0
	O	10	8-11
	T	5	3-6
	U	5	4-7
	Z	0	0-0
2007	A	5	4-6
	B	1	0-2
	E	23	21-25
	F	13	11-15
	H	4	3-5
	J	0	0-1
	O	10	9-12
	T	5	4-6
	U	6	5-7
	Z	3	2-4
2008	A	6	5-7
	B	2	1-4
	E	25	23-27
	F	13	11-15
	H	4	2-5
	J	0	0-1
	O	9	8-11
	T	5	4-6
	U	5	4-7
	Z	4	3-5

Figure 35a Bed census by NHS trust, 2006

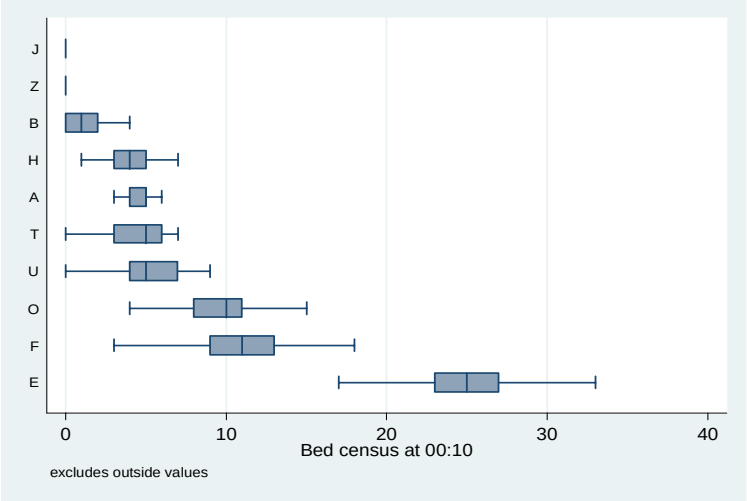


Figure 35b Bed census by NHS trust, 2007

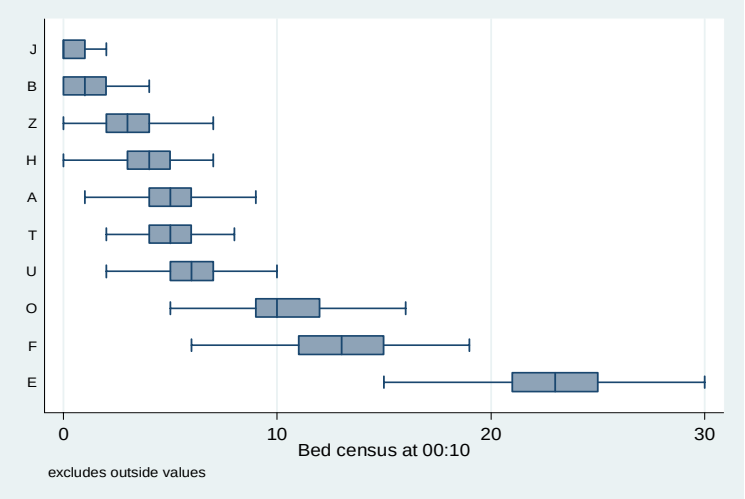


Figure 35c Bed census by NHS trust, 2008

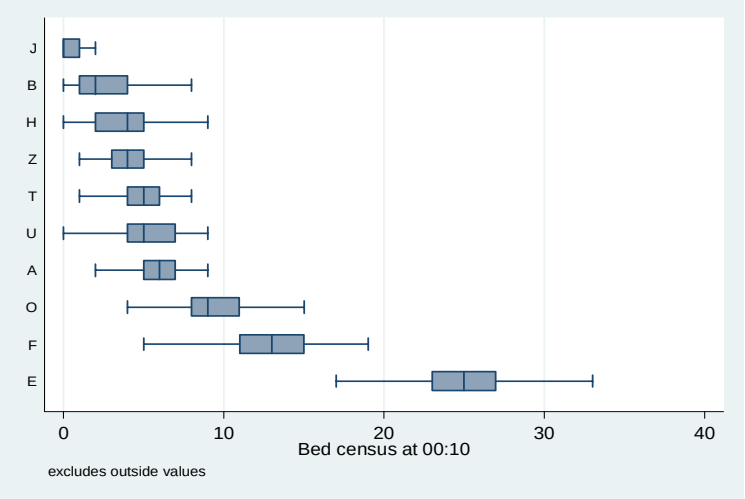


Table 36 Bed activity by month, 2006 - 2008

Year	Month	Bed Activity (Days) Median	IQR
2006	**1**	78	74-84
	2	87	83-91.5
	3	85	79-91
	4	78	70-82
	5	71	67-80
	6	75	67-80
	7	75	68-81
	8	77	71-83
	9	79	72-83
	10	78	76-83
	11	86	81-93
	12	86	84-92
2007	**1**	85	80-88
	2	90	85-94
	3	87	82-94
	4	84	76-92
	5	82	76-87
	6	91	83-95
	7	84	79-91
	8	84	76-87
	9	82	73-84
	10	87	81-95
	11	93	89-99
	12	93	86-101
2008	**1**	88	82-93
	2	81	77-84
	3	87	79-89
	4	86	82-95
	5	85	80-91
	6	80	76-86
	7	88	81-92
	8	85	80-91
	9	95	87-98
	10	98	93-104
	11	107	102-111
	12	104	91-109

Figure 36 Bed activity by month, 2006 - 2008

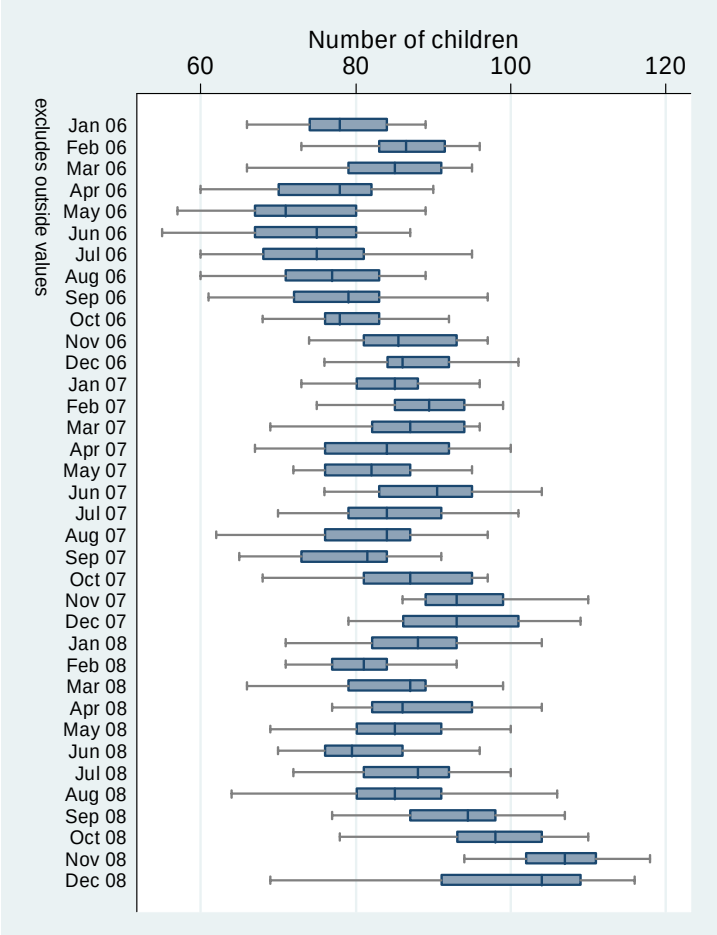


Table 37 Bed activity by NHS trust, 2006 - 2008

Year	NHS Trust	Bed Activity (Days) Median	IQR
2006	A	6	5-7
	B	1	1-2
	E	29	28-32
	F	14	12-17
	H	5	4-6
	J	0	0-1
	O	11	10-13
	T	6	5-7
	U	7	5-8
	Z	0	0-0
2007	A	6	5-8
	B	1	0-2
	E	27	25-29
	F	16	14-19
	H	5	4-6
	J	1	0-1
	O	12	11-13
	T	6	5-7
	U	7	6-8
	Z	4	3-6
2008	A	7	6-8
	B	3	2-5
	E	29	26-31
	F	16	14-18
	H	5	3-7
	J	1	0-1
	O	11	10-13
	T	6	5-7
	U	6	5-7
	Z	5	4-6

Figure 37a Bed activity by NHS trust, 2006

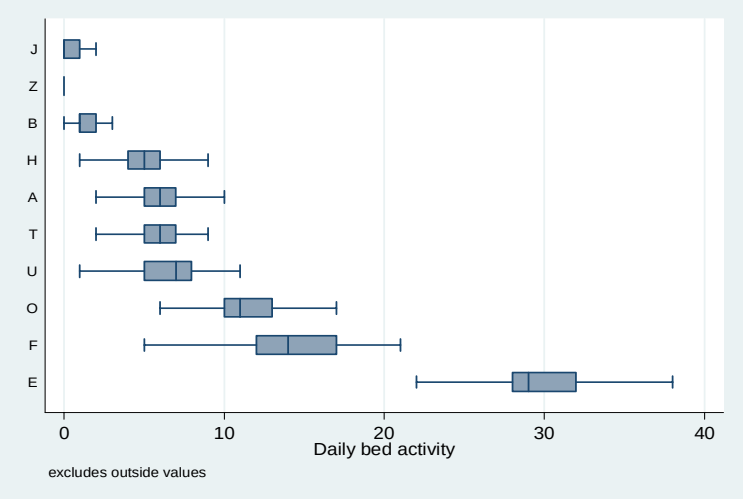


Figure 37b Bed activity by NHS trust, 2007

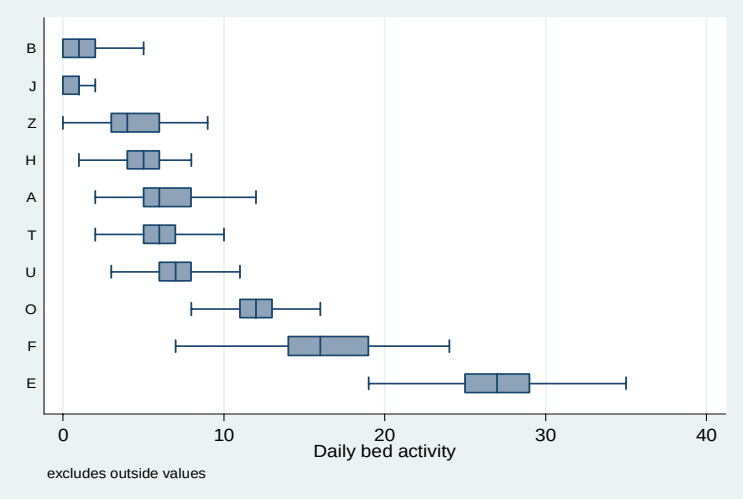


Figure 37c Bed activity by NHS trust, 2008

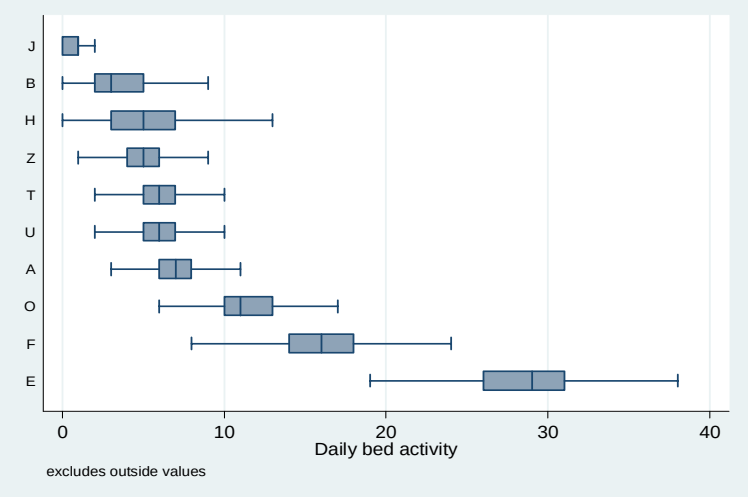


Table 38 Length of stay by age and NHS trust, 2006 - 2008

Year	NHS Trust	Age Group (Years)							
		<1		1-4		5-10		11-15	
		Median	IQR	Median	IQR	Median	IQR	Median	IQR
2006	A	3	2-6	2	2-3	2	2-5	2.5	2-4
	B	2	1-3	2	1-2	2	1-2	2	1-3
	E	5	3-8	3	2-6	3	2-7	3	2-6
	F	4	3-6	3	2-4	2	2-4	2	2-3
	H	3	2-9	2	2-6	2	2-4	2	2-4
	J	2	1-3	2	1-2	1	1-2	2	2-2
	O	4	2-7	3	2-6	2	2-3	2	2-3
	T	3	2-6	2	2-4	3	2-4	3	2-6
	U	5	3-7	3	2-6	3	2-5	3	2-6
2007	A	3	2-6	2	2-4	2	2-3	2	2-4
	B	2	2-3	1	1-2	2	2-3	3	2-3
	E	5	3-8	3	2-6	3	2-7	3	2-6
	F	4	3-6	3	2-4	2	2-3	2	2-4
	H	3	2-6	2	2-4	3	2-6	2.5	2-10.5
	J	2	1-2	2	1-2	2	1-2	2	2-2
	O	4	2-8	3	2-4	2	2-3	2	2-3
	T	3	2-7	2	2-5	2	2-3	3	2-6
	U	5	3-9	4	2-8	3	2-7	3	2-8
	Z	3	2-5	2	2-3	2	2-3	2	2-3
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
	E	5	3-8	3	2-6	2	2-4	3	2-7
	F	4	3-6	3	2-5	2	2-4	2	2-3
	H	3	2-8	2	2-4	2	1-4	2	2-3
	J	2	1-3	2	1-2	2	2-2	2	1-2
	O	4	2-8	3	2-4	2	2-3	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
	Z	3	2-5	2	2-3	2	2-4	2	2-3

Table 39 Length of stay by primary diagnostic group and NHS trust, 2006 - 2008

NHS Trust	Diagnostic Group																											
	Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown	
	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR
A	2	1-4	3	2-4	2	1-4	3	2-4	2	2-3	3	2-5	2	2-7	2	2-3	2	2-4	2	2-3	4	2-7	3	2-5	2	1-3	0	0-0
B	2	1.5-2.5	2	2-4	1	1-2	2	2-3	3	2-4	2	1-2	2	2-2	2	1.5-3	2	1-3	1.5	1-3	2	1-4	2	1-2	2	1-2	3	1-5
E	5	3-9.5	5	3-9	3	2-7	4	2-8	4	2-9	4	2-7	4	2-5	2	2-4	3	2-5.5	3	2-7	5	3-9	4	2-7	3	2-7	6	6-6
F	5	3-7	3.5	2-5	3	2-5	2	2-3	2	1-5	4	2-6	4	3-5	2	2-2	3	2-4	2	2-2	4	3-7	2	1-3	2	2-3	2	2-4
H	2	1-7.5	2	1-2	3.5	2-7	2	2-5	3	2-7	4	2-14	0	0-0	3	2-4	3	2-5	2	2-3	3	2-8	2	2-5	2	2-4	7.5	3-18
J	2	2-2	2	1-2	1	1-2	1	1-2	2	2-3	1	1-2	2	1-3	0	0-0	2	1-2	1.5	1-2.5	2	1-2	2	1-3	2	1-2	0	0-0
O	2	2-2	5	2-11	3	2-6	2	1.5-12.5	3	2-7	3.5	2-11	0	0-0	8	2-23	6	1-7	2	2-3	3	2-7	0	0-0	2	1-2	5	2-14
T	2	1-2	2	2-2	2	1-5	3	2-4	2	2-3	3	2-7	0	0-0	3	2-4	2	2-3	2	2-3	4	2-8	2	2-4	2	2-3	2	2-4
U	3	2-3	2.5	2-3	4	2-7	4	2-9	3	2-3.5	6	3-9	0	0-0	69	69-69	2	2-4	1.5	1-2	5	3-9	2	1-8	2.5	2-3.5	8	4-19
Z	2	2-3	2.5	2-3	2	1-5.5	3	2-4	3	2-4	3	2-5	0	0-0	3	3-3	2	2-3	2	1-2	2	2-4	2	2-3	2	1-3	0	0-0

Table 40 Admissions by length of stay by NHS trust, 2006 - 2008

Year	NHS Trust	LOS Group																Total	
		<1h		1h to <4h		4h to <12h		12h to <24h		1d to <3d		3d to <7d		7d+		Unknown			
		n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
2006	**A**	1	(0)	21	(5)	50	(11)	102	(23)	140	(31)	85	(19)	50	(11)	0	(0)	**449**	**(8.6)**
	B	0	(0)	25	(11)	63	(28)	47	(21)	68	(30)	15	(7)	9	(4)	0	(0)	**227**	**(4.4)**
	E	3	(0)	29	(2)	87	(5)	207	(13)	507	(32)	392	(25)	374	(23)	0	(0)	**1,599**	**(30.6)**
	F	1	(0)	17	(2)	51	(5)	170	(16)	435	(40)	290	(27)	123	(11)	0	(0)	**1,087**	**(20.8)**
	H	0	(0)	17	(5)	39	(12)	69	(22)	86	(27)	48	(15)	56	(18)	0	(0)	**315**	**(6.0)**
	J	1	(1)	6	(8)	16	(22)	27	(36)	21	(28)	2	(3)	1	(1)	0	(0)	**74**	**(1.4)**
	O	1	(0)	16	(2)	30	(5)	113	(17)	235	(36)	145	(22)	117	(18)	0	(0)	**657**	**(12.6)**
	T	1	(0)	14	(3)	27	(6)	103	(23)	152	(34)	88	(20)	57	(13)	0	(0)	**442**	**(8.5)**
	U	0	(0)	3	(1)	26	(7)	64	(17)	111	(30)	95	(26)	68	(19)	0	(0)	**367**	**(7.0)**
2006 Total		**8**	**(0.2)**	**148**	**(2.8)**	**389**	**(7.5)**	**902**	**(17.3)**	**1,755**	**(33.6)**	**1,160**	**(22.2)**	**855**	**(16.4)**	**0**	**(0.0)**	5,217	
2007	**A**	0	(0)	10	(2)	46	(9)	121	(24)	185	(36)	93	(18)	57	(11)	0	(0)	**512**	**(9.3)**
	B	0	(0)	13	(8)	40	(23)	38	(22)	57	(33)	18	(11)	5	(3)	0	(0)	**171**	**(3.1)**
	E	4	(0)	26	(2)	86	(6)	149	(10)	460	(31)	428	(29)	320	(22)	0	(0)	**1,473**	**(26.7)**
	F	3	(0)	17	(1)	61	(5)	160	(13)	494	(41)	323	(27)	139	(12)	0	(0)	**1,197**	**(21.7)**
	H	1	(0)	14	(5)	32	(11)	64	(22)	87	(30)	39	(13)	53	(18)	0	(0)	**290**	**(5.3)**
	J	1	(1)	18	(15)	22	(18)	43	(36)	31	(26)	2	(2)	2	(2)	0	(0)	**119**	**(2.2)**
	O	5	(1)	18	(3)	36	(6)	90	(14)	239	(37)	134	(21)	116	(18)	0	(0)	**638**	**(11.6)**
	T	2	(1)	8	(2)	36	(9)	98	(25)	114	(30)	62	(16)	65	(17)	0	(0)	**385**	**(7.0)**
	U	0	(0)	2	(1)	16	(4)	46	(13)	110	(30)	97	(26)	96	(26)	0	(0)	**367**	**(6.7)**
	Z	0	(0)	6	(2)	49	(14)	82	(23)	138	(38)	58	(16)	26	(7)	0	(0)	**359**	**(6.5)**
2007 Total		**16**	**(0.3)**	**132**	**(2.4)**	**424**	**(7.7)**	**891**	**(16.2)**	**1,915**	**(34.7)**	**1,254**	**(22.8)**	**879**	**(15.9)**	**0**	**(0.0)**	5,511	
2008	**A**	0	(0)	11	(2)	51	(11)	120	(26)	145	(31)	88	(19)	55	(12)	0	(0)	**470**	**(8.2)**
	B	0	(0)	6	(2)	38	(13)	62	(22)	110	(39)	45	(16)	23	(8)	0	(0)	**284**	**(4.9)**
	E	5	(0)	24	(2)	106	(7)	179	(11)	495	(32)	407	(26)	349	(22)	1	(0)	**1,566**	**(27.2)**
	F	0	(0)	22	(2)	53	(5)	189	(16)	426	(37)	321	(28)	145	(13)	0	(0)	**1,156**	**(20.0)**
	H	0	(0)	14	(4)	35	(9)	82	(21)	136	(36)	62	(16)	53	(14)	0	(0)	**382**	**(6.6)**
	J	1	(1)	9	(7)	38	(29)	37	(29)	40	(31)	4	(3)	0	(0)	0	(0)	**129**	**(2.2)**
	O	2	(0)	25	(4)	40	(7)	88	(14)	230	(38)	128	(21)	96	(16)	1	(0)	**610**	**(10.6)**
	T	0	(0)	15	(3)	40	(8)	131	(28)	154	(32)	75	(16)	61	(13)	0	(0)	**476**	**(8.3)**
	U	0	(0)	4	(1)	24	(8)	36	(12)	84	(28)	79	(26)	74	(25)	0	(0)	**301**	**(5.2)**
	Z	0	(0)	9	(2)	39	(10)	87	(22)	166	(42)	61	(16)	30	(8)	0	(0)	**392**	**(6.8)**
2008 Total		**8**	**(0.1)**	**139**	**(2.4)**	**464**	**(8.0)**	**1,011**	**(17.5)**	**1,986**	**(34.4)**	**1,270**	**(22.0)**	**886**	**(15.4)**	**2**	**(0.0)**	5,766	
Grand Total		**32**	**(0.2)**	**419**	**(2.5)**	**1,277**	**(7.7)**	**2,804**	**(17.0)**	**5,656**	**(34.3)**	**3,684**	**(22.3)**	**2,620**	**(15.9)**	**2**	**(0.0)**	16,494	

Table 40a Admissions by length of stay by NHS trust, 2006 - 2008

Year	NHS Trust	LOS Group (days) <14d n	<14d %	14d to <28d n	14d to <28d %	28d to <90d n	28d to <90d %	90d+ n	90d+ %	Total n	Total %
2006	**A**	435	(96.9)	11	(2.4)	1	(0.2)	2	(0.4)	**449**	**(8.6)**
	B	223	(98.2)	3	(1.3)	1	(0.4)	0	(0.0)	**227**	**(4.4)**
	E	1,472	(92.1)	95	(5.9)	28	(1.8)	4	(0.3)	**1,599**	**(30.6)**
	F	1,049	(96.5)	25	(2.3)	12	(1.1)	1	(0.1)	**1,087**	**(20.8)**
	H	294	(93.3)	13	(4.1)	8	(2.5)	0	(0.0)	**315**	**(6.0)**
	J	73	(98.6)	1	(1.4)	0	(0.0)	0	(0.0)	**74**	**(1.4)**
	O	609	(92.7)	30	(4.6)	17	(2.6)	1	(0.2)	**657**	**(12.6)**
	T	423	(95.7)	16	(3.6)	3	(0.7)	0	(0.0)	**442**	**(8.5)**
	U	337	(91.8)	20	(5.4)	8	(2.2)	2	(0.5)	**367**	**(7.0)**
2006 Total		**4,915**	**(94.2)**	**214**	**(4.1)**	**78**	**(1.5)**	**10**	**(0.2)**	5,217	
2007	**A**	500	(97.7)	8	(1.6)	2	(0.4)	2	(0.4)	**512**	**(9.3)**
	B	169	(98.8)	0	(0.0)	2	(1.2)	0	(0.0)	**171**	**(3.1)**
	E	1,346	(91.4)	86	(5.8)	39	(2.6)	2	(0.1)	**1,473**	**(26.7)**
	F	1,153	(96.3)	33	(2.8)	9	(0.8)	2	(0.2)	**1,197**	**(21.7)**
	H	262	(90.3)	16	(5.5)	12	(4.1)	0	(0.0)	**290**	**(5.3)**
	J	118	(99.2)	0	(0.0)	1	(0.8)	0	(0.0)	**119**	**(2.2)**
	O	584	(91.5)	33	(5.2)	19	(3.0)	2	(0.3)	**638**	**(11.6)**
	T	357	(92.7)	15	(3.9)	13	(3.4)	0	(0.0)	**385**	**(7.0)**
	U	338	(92.1)	21	(5.7)	7	(1.9)	1	(0.3)	**367**	**(6.7)**
	Z	352	(98.1)	1	(0.3)	4	(1.1)	2	(0.6)	**359**	**(6.5)**
2007 Total		**5,179**	**(94.0)**	**213**	**(3.9)**	**108**	**(2.0)**	**11**	**(0.2)**	5,511	
2008	**A**	451	(96.0)	11	(2.3)	5	(1.1)	3	(0.6)	**470**	**(8.2)**
	B	276	(97.2)	1	(0.4)	7	(2.5)	0	(0.0)	**284**	**(4.9)**
	E	1,433	(91.5)	92	(5.9)	37	(2.4)	4	(0.3)	**1,566**	**(27.2)**
	F	1,110	(96.0)	33	(2.9)	11	(1.0)	2	(0.2)	**1,156**	**(20.0)**
	H	360	(94.2)	17	(4.5)	5	(1.3)	0	(0.0)	**382**	**(6.6)**
	J	129	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	**129**	**(2.2)**
	O	575	(94.3)	18	(3.0)	10	(1.6)	7	(1.1)	**610**	**(10.6)**
	T	458	(96.2)	14	(2.9)	4	(0.8)	0	(0.0)	**476**	**(8.3)**
	U	269	(89.4)	23	(7.6)	9	(3.0)	0	(0.0)	**301**	**(5.2)**
	Z	380	(96.9)	8	(2.0)	3	(0.8)	1	(0.3)	**392**	**(6.8)**
2008 Total		**5,441**	**(94.4)**	**217**	**(3.8)**	**91**	**(1.6)**	**17**	**(0.3)**	5,766	
Grand Total		**15,535**	**(94.2)**	**644**	**(3.9)**	**277**	**(1.7)**	**38**	**(0.2)**	16,494	

Table 40b Total invasive ventilation days by length of stay (days) by NHS trust, 2006 - 2008

Year	NHS Trust	LOS Group (days) <14d n	<14d %	14d to <28d n	14d to <28d %	28d to <90d n	28d to <90d %	90d+ n	90d+ %	Total n	Total %
2006	**A**	569	(66)	174	(20)	18	(2)	100	(12)	**861**	**(5.7)**
	B	14	(100)	0	(0)	0	(0)	0	(0)	**14**	**-**
	E	4,800	(67)	1,331	(18)	812	(11)	260	(4)	**7,203**	**(47.5)**
	F	1,951	(80)	301	(12)	174	(7)	13	(1)	**2,439**	**(16.1)**
	H	628	(74)	102	(12)	117	(14)	0	(0)	**847**	**(5.6)**
	J	30	(94)	2	(6)	0	(0)	0	(0)	**32**	**(0.2)**
	O	955	(57)	315	(19)	408	(24)	0	(0)	**1,678**	**(11.1)**
	T	580	(67)	205	(24)	80	(9)	0	(0)	**865**	**(5.7)**
	U	654	(53)	234	(19)	244	(20)	108	(9)	**1,240**	**(8.2)**
2006 Total		**10,181**	**(67.1)**	**2,664**	**(17.6)**	**1,853**	**(12.2)**	**481**	**(3.2)**	**15,179**	
2007	**A**	669	(62)	63	(6)	31	(3)	308	(29)	**1,071**	**(6.6)**
	B	31	(100)	0	(0)	0	(0)	0	(0)	**31**	**(0.2)**
	E	4,235	(62)	1,273	(19)	1,175	(17)	187	(3)	**6,870**	**(42.5)**
	F	2,308	(77)	438	(15)	104	(3)	129	(4)	**2,979**	**(18.4)**
	H	285	(100)	0	(0)	0	(0)	0	(0)	**285**	**(1.8)**
	J	26	(100)	0	(0)	0	(0)	0	(0)	**26**	**(0.2)**
	O	1,018	(54)	309	(16)	339	(18)	221	(12)	**1,887**	**(11.7)**
	T	540	(51)	143	(14)	367	(35)	0	(0)	**1,050**	**(6.5)**
	U	1,003	(60)	345	(20)	190	(11)	145	(9)	**1,683**	**(10.4)**
	Z	103	(38)	0	(0)	1	(0)	169	(62)	**273**	**(1.7)**
2007 Total		**10,218**	**(63.2)**	**2,571**	**(15.9)**	**2,207**	**(13.7)**	**1,159**	**(7.2)**	**16,155**	
2008	**A**	690	(51)	181	(13)	206	(15)	270	(20)	**1,347**	**(7.7)**
	B	35	(95)	0	(0)	2	(5)	0	(0)	**37**	**(0.2)**
	E	4,323	(59)	1,266	(17)	1,093	(15)	664	(9)	**7,346**	**(42.0)**
	F	2,289	(72)	403	(13)	301	(9)	184	(6)	**3,177**	**(18.1)**
	H	216	(59)	124	(34)	27	(7)	0	(0)	**367**	**(2.1)**
	J	31	(100)	0	(0)	0	(0)	0	(0)	**31**	**(0.2)**
	O	1,277	(55)	158	(7)	230	(10)	649	(28)	**2,314**	**(13.2)**
	T	769	(68)	212	(19)	145	(13)	0	(0)	**1,126**	**(6.4)**
	U	818	(55)	346	(23)	331	(22)	0	(0)	**1,495**	**(8.5)**
	Z	144	(54)	0	(0)	0	(0)	125	(46)	**269**	**(1.5)**
2008 Total		**10,592**	**(60.5)**	**2,690**	**(15.4)**	**2,335**	**(13.3)**	**1,892**	**(10.8)**	**17,509**	
Grand Total		**30,991**	**(63.5)**	**7,925**	**(16.2)**	**6,395**	**(13.1)**	**3,532**	**(7.2)**	**48,843**	

Table 40c Mean invasive ventilation days by length of stay (days) by NHS trust, 2006 - 2008

Year	NHS Trust	LOS Group (days) <14d	14d to <28d	28d to <90d	90d+	Total
2006	**A**	3	17	18	50	**5**
	B	1	0	0	0	**1**
	E	4	15	30	65	**5**
	F	2	13	16	13	**3**
	H	3	13	23	0	**4**
	J	1	2	0	0	**1**
	O	2	11	24	0	**4**
	T	4	15	27	0	**5**
	U	3	13	31	54	**5**
2006 Total		**3**	**14**	**26**	**53**	**4**
2007	**A**	3	9	31	154	**5**
	B	2	0	0	0	**2**
	E	4	15	31	94	**6**
	F	3	14	13	65	**3**
	H	3	0	0	0	**3**
	J	1	0	0	0	**1**
	O	3	10	21	111	**4**
	T	4	13	31	0	**6**
	U	4	16	27	145	**6**
	Z	2	0	1	169	**6**
2007 Total		**3**	**14**	**27**	**116**	**5**
2008	**A**	4	18	41	90	**7**
	B	1	0	1	0	**1**
	E	4	14	30	166	**6**
	F	3	12	27	92	**3**
	H	3	14	27	0	**4**
	J	1	0	0	0	**1**
	O	3	10	26	93	**5**
	T	4	15	36	0	**5**
	U	4	15	37	0	**6**
	Z	2	0	0	125	**4**
2008 Total		**3**	**14**	**30**	**111**	**5**
Grand Total		**3**	**14**	**27**	**98**	**5**

Table 40d Admissions by length of stay (days) by primary diagnostic group, 2006 - 2008

Year	Diagnostic group	LOS Group (days) <14d n	<14d %	14d to <28d n	14d to <28d %	28d to <90d n	28d to <90d %	90d+ n	90d+ %	Total n	Total %
2006	**Blood / lymphatic**	46	(98)	0	(0)	1	(2)	0	(0)	**47**	
	Body wall and cavities	84	(94)	5	(6)	0	(0)	0	(0)	**89**	
	Cardiovascular	1,639	(95)	63	(4)	27	(2)	2	(0)	**1,731**	
	Endocrine / metabolic	127	(95)	7	(5)	0	(0)	0	(0)	**134**	
	Gastrointestinal	339	(92)	20	(5)	11	(3)	0	(0)	**370**	
	Infection	215	(90)	16	(7)	8	(3)	0	(0)	**239**	
	Multisystem	22	(92)	1	(4)	0	(0)	1	(4)	**24**	
	Musculoskeletal	107	(97)	1	(1)	0	(0)	2	(2)	**110**	
	Neurological	530	(97)	14	(3)	2	(0)	0	(0)	**546**	
	Oncology	215	(97)	4	(2)	1	(0)	1	(0)	**221**	
	Other	252	(97)	4	(2)	4	(2)	0	(0)	**260**	
	Respiratory	1,175	(93)	70	(6)	20	(2)	4	(0)	**1,269**	
	Trauma	140	(97)	3	(2)	1	(1)	0	(0)	**144**	
	Unknown	24	(73)	6	(18)	3	(9)	0	(0)	**33**	
2006 Total		**4,915**	**(94.2)**	**214**	**(4.1)**	**78**	**(1.5)**	**10**	**(0.2)**	5,217	
2007	**Blood / lymphatic**	75	(95)	4	(5)	0	(0)	0	(0)	**79**	
	Body wall and cavities	79	(95)	3	(4)	1	(1)	0	(0)	**83**	
	Cardiovascular	1,616	(94)	70	(4)	32	(2)	2	(0)	**1,720**	
	Endocrine / metabolic	144	(94)	7	(5)	2	(1)	0	(0)	**153**	
	Gastrointestinal	290	(94)	10	(3)	10	(3)	0	(0)	**310**	
	Infection	227	(95)	8	(3)	3	(1)	0	(0)	**238**	
	Multisystem	14	(100)	0	(0)	0	(0)	0	(0)	**14**	
	Musculoskeletal	114	(97)	1	(1)	2	(2)	1	(1)	**118**	
	Neurological	507	(98)	9	(2)	3	(1)	1	(0)	**520**	
	Oncology	181	(97)	4	(2)	2	(1)	0	(0)	**187**	
	Other	283	(95)	9	(3)	6	(2)	0	(0)	**298**	
	Respiratory	1,455	(92)	75	(5)	45	(3)	5	(0)	**1,580**	
	Trauma	156	(96)	6	(4)	0	(0)	1	(1)	**163**	
	Unknown	38	(79)	7	(15)	2	(4)	1	(2)	**48**	
2007 Total		**5,179**	**(94.0)**	**213**	**(3.9)**	**108**	**(2.0)**	**11**	**(0.2)**	5,511	
2008	**Blood / lymphatic**	82	(93)	5	(6)	1	(1)	0	(0)	**88**	
	Body wall and cavities	66	(90)	2	(3)	5	(7)	0	(0)	**73**	
	Cardiovascular	1,609	(94)	59	(3)	33	(2)	7	(0)	**1,708**	
	Endocrine / metabolic	161	(97)	3	(2)	1	(1)	1	(1)	**166**	
	Gastrointestinal	359	(94)	15	(4)	9	(2)	0	(0)	**383**	
	Infection	263	(93)	14	(5)	5	(2)	1	(0)	**283**	
	Multisystem	11	(100)	0	(0)	0	(0)	0	(0)	**11**	
	Musculoskeletal	150	(99)	0	(0)	2	(1)	0	(0)	**152**	
	Neurological	545	(97)	12	(2)	5	(1)	2	(0)	**564**	
	Oncology	195	(96)	5	(2)	2	(1)	1	(0)	**203**	
	Other	420	(96)	11	(3)	7	(2)	0	(0)	**438**	
	Respiratory	1,381	(93)	80	(5)	21	(1)	4	(0)	**1,486**	
	Trauma	166	(97)	5	(3)	0	(0)	0	(0)	**171**	
	Unknown	33	(83)	6	(15)	0	(0)	1	(3)	**40**	
2008 Total		**5,441**	**(94.4)**	**217**	**(3.8)**	**91**	**(1.6)**	**17**	**(0.3)**	5,766	
Grand Total		**15,535**	**(94)**	**644**	**(4)**	**277**	**(2)**	**38**	**(0)**	16,494	

Table 40e Total invasive ventilation days by length of stay (days) by primary diagnostic group, 2006 - 2008

Year	NHS Trust	LOS Group (days) <14d n	<14d %	14d to <28d n	14d to <28d %	28d to <90d n	28d to <90d %	90d+ n	90d+ %	Total n	Total %
2006	**Blood / lymphatic**	107	(97)	0	(0)	3	(3)	0	(0)	**110**	**(10.3)**
	Body wall and cavities	244	(75)	80	(25)	0	(0)	0	(0)	**324**	**(30.3)**
	Cardiovascular	3,549	(69)	810	(16)	760	(15)	28	(1)	**5,147**	**(481.9)**
	Endocrine / metabolic	265	(78)	74	(22)	0	(0)	0	(0)	**339**	**(31.7)**
	Gastrointestinal	504	(52)	236	(24)	233	(24)	0	(0)	**973**	**(91.1)**
	Infection	516	(54)	209	(22)	234	(24)	0	(0)	**959**	**(89.8)**
	Multisystem	18	(51)	0	(0)	0	(0)	17	(49)	**35**	**(3.3)**
	Musculoskeletal	129	(49)	9	(3)	0	(0)	123	(47)	**261**	**(24.4)**
	Neurological	899	(84)	145	(14)	24	(2)	0	(0)	**1,068**	**(100.0)**
	Oncology	228	(58)	70	(18)	10	(3)	83	(21)	**391**	**(36.6)**
	Other	297	(61)	68	(14)	118	(24)	0	(0)	**483**	**(45.2)**
	Respiratory	3,042	(67)	870	(19)	420	(9)	230	(5)	**4,562**	**(427.2)**
	Trauma	334	(82)	46	(11)	27	(7)	0	(0)	**407**	**(38.1)**
	Unknown	49	(41)	47	(39)	24	(20)	0	(0)	**120**	**(11.2)**
2006 Total		**10,181**	**(67.1)**	**2,664**	**(17.6)**	**1,853**	**(12.2)**	**481**	**(3.2)**	**15,179**	
2007	**Blood / lymphatic**	62	(83)	13	(17)	0	(0)	0	(0)	**75**	**(6.9)**
	Body wall and cavities	191	(70)	47	(17)	34	(13)	0	(0)	**272**	**(25.1)**
	Cardiovascular	3,535	(69)	845	(16)	695	(14)	73	(1)	**5,148**	**(474.9)**
	Endocrine / metabolic	208	(60)	97	(28)	42	(12)	0	(0)	**347**	**(32.0)**
	Gastrointestinal	451	(66)	124	(18)	105	(15)	0	(0)	**680**	**(62.7)**
	Infection	514	(72)	113	(16)	90	(13)	0	(0)	**717**	**(66.1)**
	Multisystem	16	(100)	0	(0)	0	(0)	0	(0)	**16**	**(1.5)**
	Musculoskeletal	146	(38)	0	(0)	92	(24)	148	(38)	**386**	**(35.6)**
	Neurological	804	(74)	91	(8)	97	(9)	92	(8)	**1,084**	**(100.0)**
	Oncology	201	(70)	23	(8)	65	(22)	0	(0)	**289**	**(27.1)**
	Other	237	(75)	32	(10)	46	(15)	0	(0)	**315**	**(29.5)**
	Respiratory	3,449	(58)	1,025	(17)	931	(16)	552	(9)	**5,957**	**(557.8)**
	Trauma	286	(56)	74	(15)	0	(0)	149	(29)	**509**	**(47.7)**
	Unknown	118	(33)	87	(24)	10	(3)	145	(40)	**360**	**(33.7)**
2007 Total		**10,218**	**(63.2)**	**2,571**	**(15.9)**	**2,207**	**(13.7)**	**1,159**	**(7.2)**	**16,155**	
2008	**Blood / lymphatic**	95	(43)	95	(43)	31	(14)	0	(0)	**221**	**(50.2)**
	Body wall and cavities	176	(66)	32	(12)	59	(22)	0	(0)	**267**	**(60.7)**
	Cardiovascular	3,677	(61)	760	(13)	959	(16)	680	(11)	**6,076**	**(1380.9)**
	Endocrine / metabolic	276	(48)	34	(6)	0	(0)	266	(46)	**576**	**(130.9)**
	Gastrointestinal	552	(66)	173	(21)	117	(14)	0	(0)	**842**	**(191.4)**
	Infection	616	(65)	211	(22)	62	(7)	61	(6)	**950**	**(215.9)**
	Multisystem	8	(100)	0	(0)	0	(0)	0	(0)	**8**	**(1.8)**
	Musculoskeletal	117	(65)	0	(0)	64	(35)	0	(0)	**181**	**(41.1)**
	Neurological	936	(63)	189	(13)	143	(10)	227	(15)	**1,495**	**(339.8)**
	Oncology	172	(39)	85	(19)	39	(9)	144	(33)	**440**	**(100.0)**
	Other	366	(69)	55	(10)	113	(21)	0	(0)	**534**	**(50.0)**
	Respiratory	3,281	(61)	965	(18)	748	(14)	429	(8)	**5,423**	**(507.8)**
	Trauma	268	(85)	49	(15)	0	(0)	0	(0)	**317**	**(29.7)**
	Unknown	52	(29)	42	(23)	0	(0)	85	(47)	**179**	**(16.8)**
2008 Total		**10,592**	**(60.5)**	**2,690**	**(15.4)**	**2,335**	**(13.3)**	**1,892**	**(10.8)**	**17,509**	
Grand Total		**30,991**	**(63.5)**	**7,925**	**(16.2)**	**6,395**	**(13.1)**	**3,532**	**(7.2)**	**48,843**	

Table 40f Mean invasive ventilation days by length of stay (days) by primary diagnostic group, 2006 - 2008

Year	NHS Trust	LOS Group (days) <14d	14d to <28d	28d to <90d	90d+	Total
2006	Blood / lymphatic	5	0	3	0	5
	Body wall and cavities	4	0	0	0	5
	Cardiovascular	3	13	28	28	4
	Endocrine / metabolic	3	15	0	0	4
	Gastrointestinal	3	14	26	0	5
	Infection	4	14	0	0	6
	Multisystem	2	0	0	0	4
	Musculoskeletal	2	9	0	0	4
	Neurological	2	12	12	0	3
	Oncology	3	18	10	83	5
	Other	2	17	39	0	4
	Respiratory	4	0	0	0	5
	Trauma	3	15	27	0	3
	Unknown	4	9	8	0	6
2006 Total		**3**	**0**	**0**	**0**	**4**
2007	Blood / lymphatic	3	0	0	0	3
	Body wall and cavities	4	16	34	0	5
	Cardiovascular	3	12	27	0	4
	Endocrine / metabolic	3	19	21	0	5
	Gastrointestinal	4	0	21	0	5
	Infection	4	16	30	0	5
	Multisystem	3	0	0	0	3
	Musculoskeletal	2	0	46	0	6
	Neurological	2	11	32	92	3
	Oncology	4	8	33	0	5
	Other	2	16	23	0	3
	Respiratory	4	0	0	0	6
	Trauma	3	15	0	149	5
	Unknown	4	12	5	0	9
2007 Total		**3**	**14**	**27**	**0**	**5**
2008	Blood / lymphatic	4	0	0	0	8
	Body wall and cavities	4	16	15	0	6
	Cardiovascular	3	13	29	97	4
	Endocrine / metabolic	4	17	0	266	7
	Gastrointestinal	3	13	20	0	5
	Infection	4	18	16	61	5
	Multisystem	2	0	0	0	2
	Musculoskeletal	2	0	32	0	2
	Neurological	3	17	36	114	4
	Oncology	3	17	39	144	8
	Other	3	11	28	0	4
	Respiratory	4	13	39	107	6
	Trauma	3	12	0	0	3
	Unknown	3	8	0	85	9
2008 Total		**3**	**14**	**30**	**111**	**5**
Grand Total		**3**	**14**	**27**	**98**	**5**

Table 41 Unit discharge status and age, 2006 - 2008

Unit discharge Status	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Alive	7,513	(48)	4,198	(27)	2,036	(13)	1,974	(13)	**15,722**	**(95.3)**
Dead	452	(59)	159	(21)	89	(12)	71	(9)	**771**	**(4.7)**
Unknown	1	(100)	0	(0)	0	(0)	0	(0)	**1**	**-**
Total	**7,966**	**(48.3)**	**4,357**	**(26.4)**	**2,125**	**(12.9)**	**2,045**	**(12.4)**	**16,494**	

Table 42 Unit discharge status and age (<1), 2006 - 2008

Unit discharge Status	Age Group (Months)								Total	
	<1		1-2		3-5		6-11			
	n	%	n	%	n	%	n	%	n	%
Alive	2,604	(35)	1,737	(23)	1,483	(20)	1,689	(22)	**7,513**	**(94.3)**
Dead	210	(46)	89	(20)	71	(16)	82	(18)	**452**	**(5.7)**
Unknown	1	(100)	0	(0)	0	(0)	0	(0)	**1**	**-**
Total	**2,815**	**(35.3)**	**1,826**	**(22.9)**	**1,554**	**(19.5)**	**1,771**	**(22.2)**	**7,966**	

Table 43 Unit discharge status and sex, 2006 - 2008

Unit discharge Status	Sex									
	Male		Female		Ambiguous		Unknown		Total	
	n	%	n	%	n	%	n	%	n	%
Alive	8,811	(56)	6,897	(44)	6	(0)	7	(0)	**15,722**	**(95.3)**
Dead	422	(55)	346	(45)	0	(0)	3	(0)	**771**	**(4.7)**
Unknown	0	(0)	1	(100)	0	(0)	0	(0)	**1**	**-**
Total	**9,233**	**(56.0)**	**7,244**	**(43.9)**	**6**	**(0.0)**	**10**	**(0.1)**	**16,494**	

Table 44 Unit discharge status and sex (age <1), 2006 - 2008

Unit discharge Status	Sex								Total	
	Male		Female		Ambiguous		Unknown			
	n	%	n	%	n	%	n	%	n	%
Alive	4,358	(58)	3,150	(42)	3	(0)	2	(0)	**7,513**	**(94.3)**
Dead	253	(56)	197	(44)	0	(0)	2	(0)	**452**	**(5.7)**
Unknown	0	(0)	1	(100)	0	(0)	0	(0)	**1**	**-**
Total	**4,611**	**(57.9)**	**3,348**	**(42.0)**	**3**	**(0.0)**	**4**	**(0.1)**	**7,966**	

Table 45 Unit discharge status by NHS trust, 2006 - 2008

Year	NHS Trust	Unit Discharge Status							
		Alive		Dead		Unknown		Total	
		n	%	n	%	n	%	n	%
2006	**A**	442	(98)	7	(2)	0	(0)	**449**	**(8.6)**
	B	225	(99)	2	(1)	0	(0)	**227**	**(4.4)**
	E	1,479	(92)	120	(8)	0	(0)	**1,599**	**(30.6)**
	F	1,039	(96)	48	(4)	0	(0)	**1,087**	**(20.8)**
	H	284	(90)	31	(10)	0	(0)	**315**	**(6.0)**
	J	72	(97)	2	(3)	0	(0)	**74**	**(1.4)**
	O	639	(97)	18	(3)	0	(0)	**657**	**(12.6)**
	T	427	(97)	15	(3)	0	(0)	**442**	**(8.5)**
	U	339	(92)	28	(8)	0	(0)	**367**	**(7.0)**
2006 Total		**4,946**	**(94.8)**	**271**	**(5.2)**	**0**	**(0.0)**	5,217	
2007	**A**	492	(96)	20	(4)	0	(0)	**512**	**(9.3)**
	B	167	(98)	4	(2)	0	(0)	**171**	**(3.1)**
	E	1,386	(94)	87	(6)	0	(0)	**1,473**	**(26.7)**
	F	1,146	(96)	51	(4)	0	(0)	**1,197**	**(21.7)**
	H	264	(91)	26	(9)	0	(0)	**290**	**(5.3)**
	J	119	(100)	0	(0)	0	(0)	**119**	**(2.2)**
	O	615	(96)	23	(4)	0	(0)	**638**	**(11.6)**
	T	376	(98)	9	(2)	0	(0)	**385**	**(7.0)**
	U	344	(94)	23	(6)	0	(0)	**367**	**(6.7)**
	Z	353	(98)	6	(2)	0	(0)	**359**	**(6.5)**
2007 Total		**5,262**	**(95.5)**	**249**	**(4.5)**	**0**	**(0.0)**	5,511	
2008	**A**	457	(97)	13	(3)	0	(0)	**470**	**(8.2)**
	B	284	(100)	0	(0)	0	(0)	**284**	**(4.9)**
	E	1,455	(93)	111	(7)	0	(0)	**1,566**	**(27.2)**
	F	1,098	(95)	58	(5)	0	(0)	**1,156**	**(20.0)**
	H	364	(95)	18	(5)	0	(0)	**382**	**(6.6)**
	J	129	(100)	0	(0)	0	(0)	**129**	**(2.2)**
	O	595	(98)	14	(2)	1	(0)	**610**	**(10.6)**
	T	465	(98)	11	(2)	0	(0)	**476**	**(8.3)**
	U	277	(92)	24	(8)	0	(0)	**301**	**(5.2)**
	Z	390	(99)	2	(1)	0	(0)	**392**	**(6.8)**
2008 Total		**5,514**	**(95.6)**	**251**	**(4.4)**	**1**	**(0.0)**	5,766	
Grand Total		**15,722**	**(95.3)**	**771**	**(4.7)**	**1**	**(0.0)**	16,494	

Table 46 Unit discharge destination and age, 2006 - 2008

Discharge Destination	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Normal residence	131	(20)	259	(39)	132	(20)	143	(22)	**665**	**(4.2)**
Hospice	13	(57)	4	(17)	3	(13)	3	(13)	**23**	**(0.1)**
Same hospital	5,783	(47)	3,226	(26)	1,634	(13)	1,582	(13)	**12,226**	**(77.8)**
Other hospital	1,574	(57)	691	(25)	262	(9)	239	(9)	**2,766**	**(17.6)**
Unknown	13	(30)	18	(42)	5	(12)	7	(16)	**43**	**(0.3)**
Total	**7,514**	**(47.8)**	**4,198**	**(26.7)**	**2,036**	**(12.9)**	**1,974**	**(12.6)**	**15,723**	

Table 47 Standardised mortality ratios by trust, 2006

NHS Trust	Number of Admissions	Standardised Mortality Ratio Unadjusted (95% CI) SMR	Lower	Upper	Adjusted (95% CI) SMR	Lower	Upper
A	454	**0.30**	0.12	0.61	**0.58**	0.23	1.19
B	235	**0.16**	0.02	0.59	**0.45**	0.05	1.59
E	1,629	**1.45**	1.21	1.71	**1.01**	0.85	1.20
F	1,101	**0.84**	0.62	1.11	**0.60**	0.44	0.79
H	322	**1.92**	1.33	2.65	**1.21**	0.84	1.67
J	75	**0.51**	0.06	1.80	**0.96**	0.12	3.36
O	656	**0.50**	0.29	0.79	**0.62**	0.36	0.98
T	450	**0.69**	0.40	1.10	**1.24**	0.71	1.99
U	369	**1.47**	0.99	2.08	**0.86**	0.58	1.22

Figure 47a PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2006: unadjusted

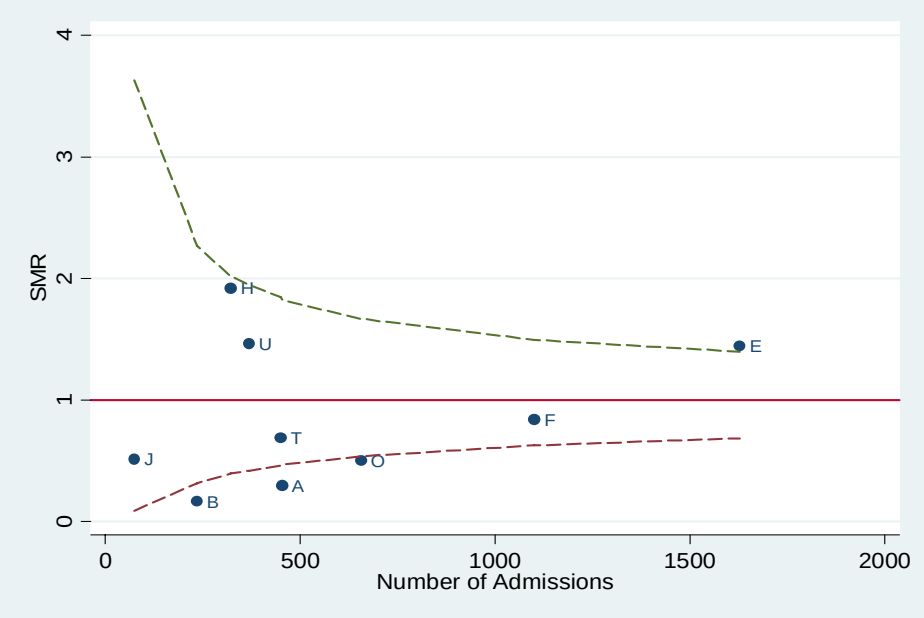


Figure 47b PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2006: risk adjusted (PIM2)

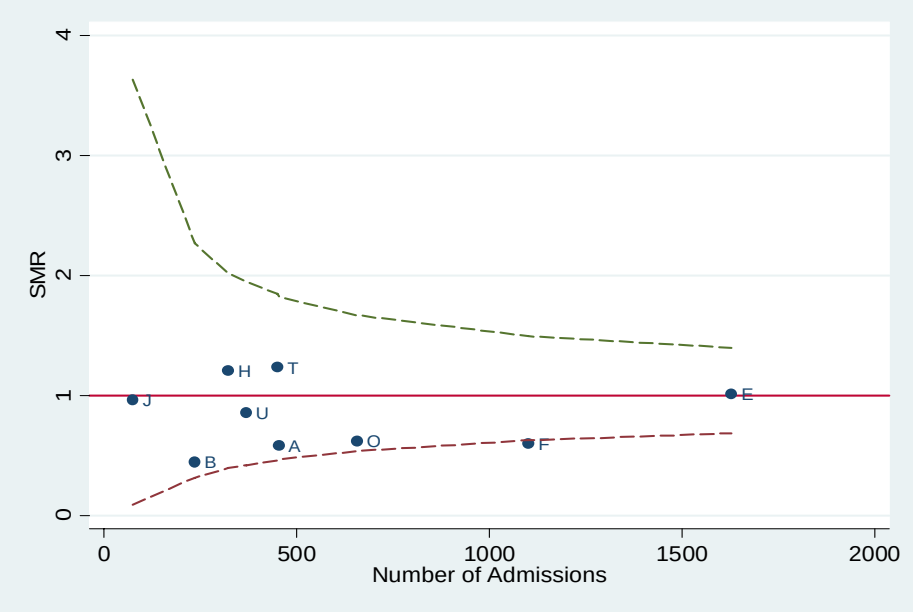


Table 48 Standardised mortality ratios by trust, 2007

NHS Trust	Number of Admissions	Standardised Mortality Ratio Unadjusted (95% CI) SMR	Lower	Upper	Adjusted (95% CI) SMR	Lower	Upper
A	524	**0.89**	0.56	1.35	**0.97**	0.61	1.47
B	175	**0.64**	0.21	1.45	**1.54**	0.50	3.53
E	1,495	**1.29**	1.04	1.59	**0.86**	0.69	1.05
F	1,224	**0.94**	0.71	1.23	**0.59**	0.44	0.76
H	292	**1.98**	1.31	2.84	**1.43**	0.94	2.04
J	119	**0.00**	0.00	0.68	**0.00**	0.00	1.24
O	641	**0.76**	0.48	1.15	**0.90**	0.57	1.35
T	401	**0.50**	0.23	0.94	**0.70**	0.32	1.32
U	368	**1.45**	0.94	2.12	**0.66**	0.43	0.97
Z	366	**0.36**	0.13	0.79	**0.88**	0.32	1.89

Figure 48a PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2007: unadjusted

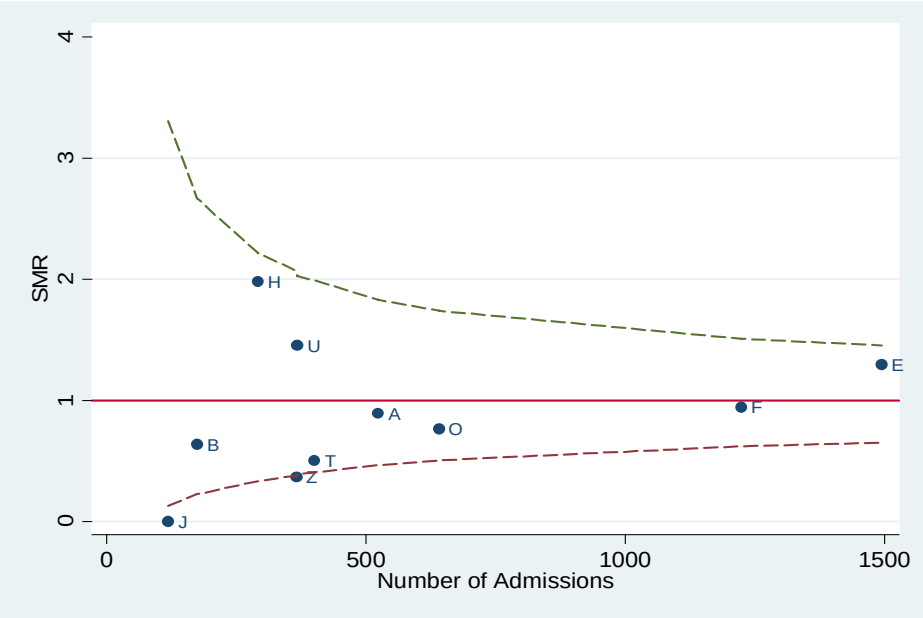


Figure 48b PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2007: risk adjusted (PIM2)

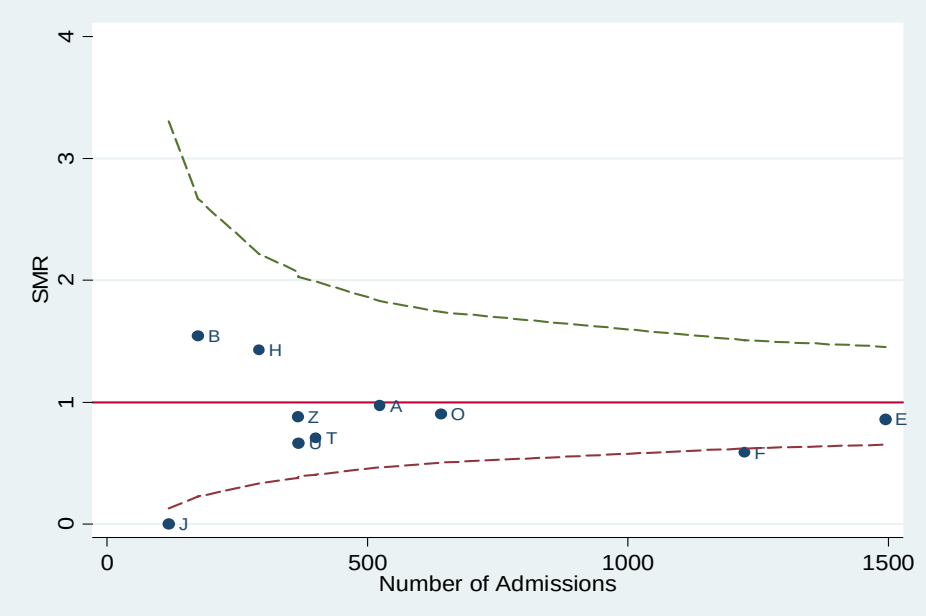


Table 49 Standardised mortality ratios by trust, 2008

NHS Trust	Number of Admissions	Standardised Mortality Ratio Unadjusted (95% CI) SMR	Lower	Upper	Adjusted (95% CI) SMR	Lower	Upper
A	477	**0.64**	0.34	1.08	**1.09**	0.59	1.85
B	289	**0.00**	0.00	0.30	**0.00**	0.00	0.74
E	1,591	**1.62**	1.34	1.93	**0.91**	0.75	1.09
F	1,176	**1.15**	0.88	1.48	**0.70**	0.54	0.90
H*	393	**1.07**	0.64	1.67	**1.61**	0.96	2.51
J	131	**0.00**	0.00	0.65	**0.00**	0.00	1.11
O	610	**0.54**	0.29	0.89	**0.76**	0.42	1.26
T	492	**0.57**	0.30	0.99	**0.63**	0.33	1.09
U	306	**1.83**	1.19	2.67	**1.03**	0.67	1.50
Z	400	**0.12**	0.01	0.42	**0.19**	0.02	0.69

Figure 49a PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2008: unadjusted

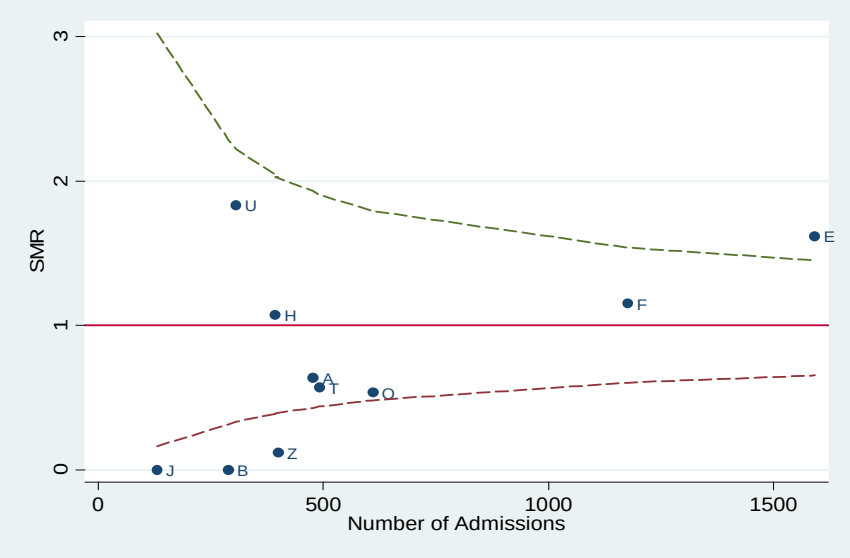
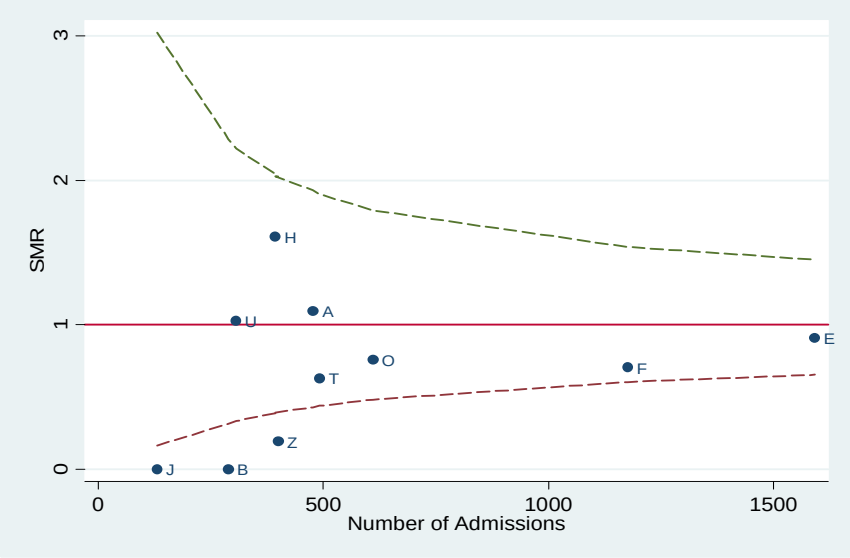


Figure 49b PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2008: risk adjusted (PIM2)



* In this report, Unit H was found to present an inflated Standardised Mortality Rates SMR (Table 49). In line with the concerns regarding the inflated SMRs, efforts were made to review and account for the increase. A detailed review of clinical records, PICANet data collection and local electronic system interfaces enabled substantial improvements in data quality to be achieved during 2009. The analysis of the revised data showed a significant reduction in the SMR of this unit. The resulting SMRs and experience gained from the ensuing data review will be published in the PICANet reports for 2010, to be published in June 2010.

Table 50 Standardised mortality ratios combined by trust, 2006 - 2008

NHS Trust	Number of Admissions	Standardised Mortality Ratio Unadjusted (95% CI) SMR	Lower	Upper	Adjusted (95% CI) SMR	Lower	Upper
A	1,455	**0.61**	0.44	0.82	**0.90**	0.65	1.22
B	699	**0.22**	0.09	0.44	**0.55**	0.22	1.13
E	4,715	**1.46**	1.31	1.62	**0.93**	0.83	1.03
F	3,501	**0.97**	0.83	1.13	**0.63**	0.54	0.73
H	1,007	**1.63**	1.29	2.02	**1.36**	1.08	1.68
J	325	**0.13**	0.02	0.48	**0.24**	0.03	0.87
O	1,907	**0.60**	0.45	0.78	**0.75**	0.57	0.98
T	1,343	**0.59**	0.42	0.81	**0.83**	0.58	1.13
U	1,043	**1.57**	1.25	1.95	**0.82**	0.65	1.02
Z	766	**0.23**	0.10	0.44	**0.46**	0.20	0.91

Figure 50a PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2065 - 2008 combined: unadjusted

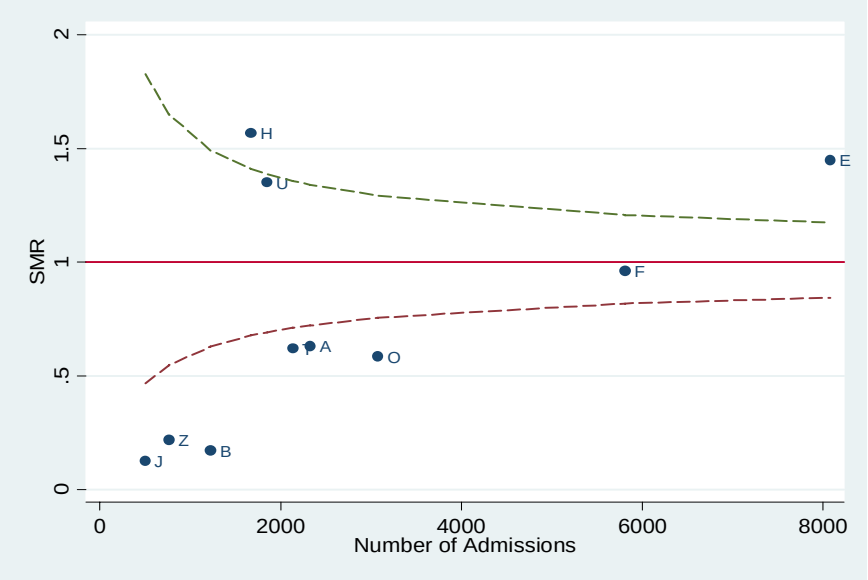


Figure 50b PICU Standardised mortality ratios by NHS trust with 99.9% control limits, 2006 - 2008 combined: risk adjusted (PIM2)

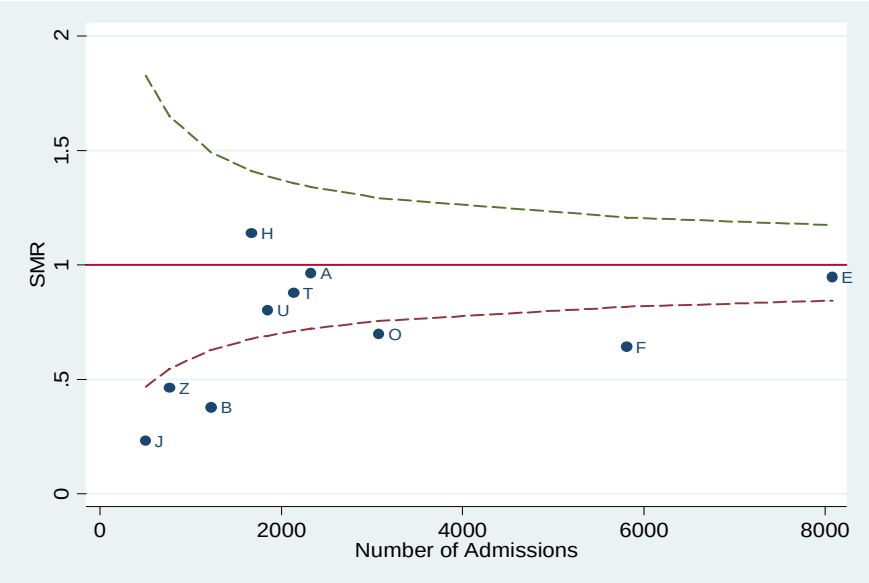
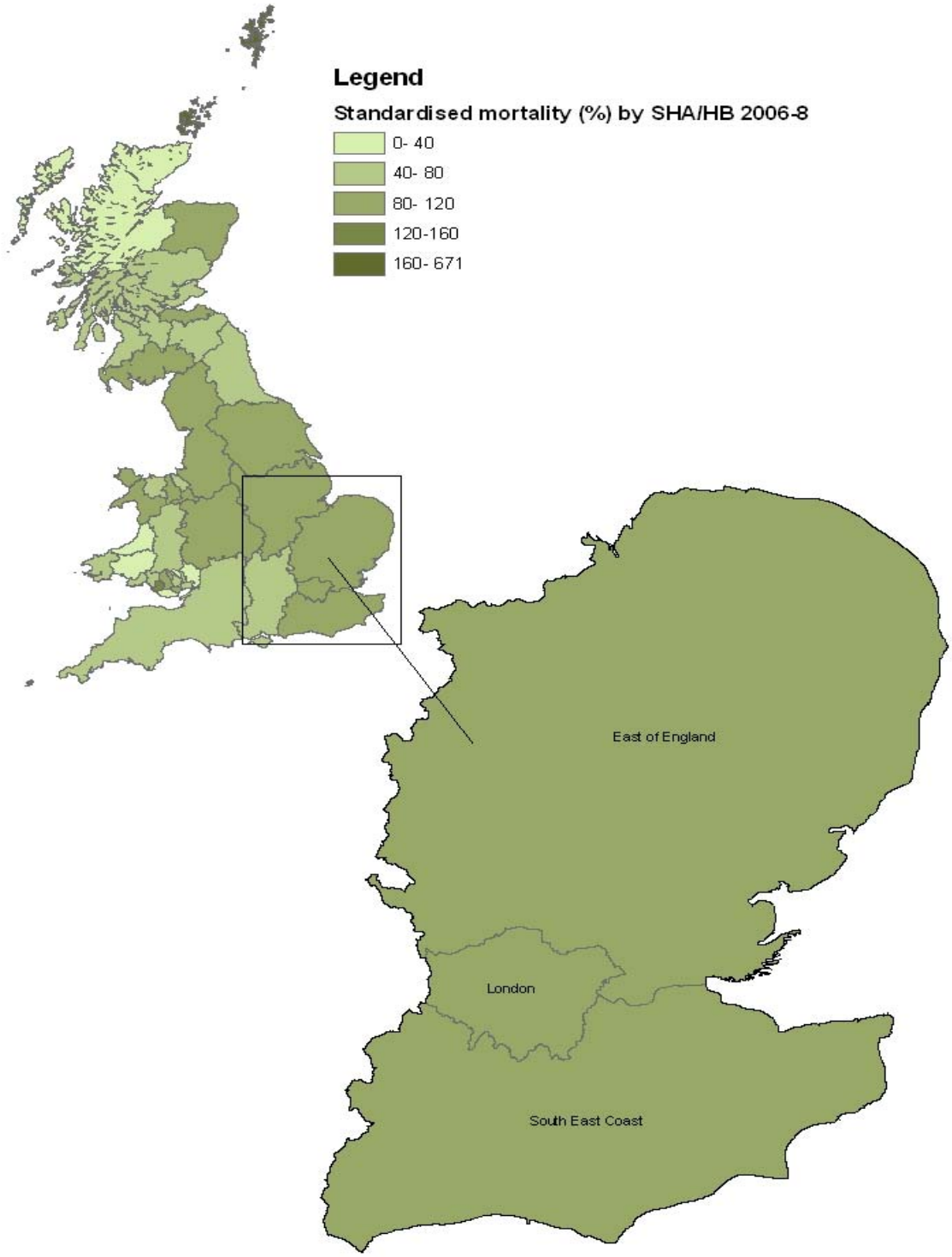


Figure 50c Risk adjusted mortality (PIM) by SHA / HB in Great Britain, 2006 - 2008



Note: The maximum SMR (671 for Orkney) is based on 2 deaths in 10 admissions and therefore has a very wide confidence interval

Table 51 Admissions by follow-up status and age, 2006 - 2008

Follow-Up Status	Age Group (Years)								Total	
	<1		1-4		5-10		11-15			
	n	%	n	%	n	%	n	%	n	%
Alive	2,193	(50)	1,149	(26)	496	(11)	562	(13)	**4,400**	**(26.7)**
Dead	177	(69)	43	(17)	21	(8)	14	(5)	**255**	**(1.5)**
Unknown	5,596	(47)	3,165	(27)	1,608	(14)	1,469	(12)	**11,839**	**(71.8)**
Total	**7,966**	**(48.3)**	**4,357**	**(26.4)**	**2,125**	**(12.9)**	**2,045**	**(12.4)**	**16,494**	

Table 52 Admissions by follow-up status and age (<1), 2006 - 2008

Follow-Up Status	Age Group (Months)								Total	
	<1		1-2		3-5		6-11			
	n	%	n	%	n	%	n	%	n	%
Alive	808	(37)	502	(23)	406	(19)	477	(22)	**2,193**	**(27.5)**
Dead	100	(56)	27	(15)	30	(17)	20	(11)	**177**	**(2.2)**
Unknown	1,907	(34)	1,297	(23)	1,118	(20)	1,274	(23)	**5,596**	**(70.2)**
Total	**2,815**	**(35.3)**	**1,826**	**(22.9)**	**1,554**	**(19.5)**	**1,771**	**(22.2)**	**7,966**	

Table 53 Admissions by follow-up status and sex, 2006 - 2008

Follow-Up Status	Sex									
	Male		Female		Ambiguous		Unknown		Total	
	n	%	n	%	n	%	n	%	n	%
Alive	2,477	(56)	1,920	(44)	1	(0)	1	(0)	**4,400**	**(26.7)**
Dead	146	(57)	108	(42)	0	(0)	1	(0)	**255**	**(1.5)**
Unknown	6,610	(56)	5,216	(44)	5	(0)	8	(0)	**11,839**	**(71.8)**
Total	**9,233**	**(56.0)**	**7,244**	**(43.9)**	**6**	**(0.0)**	**10**	**(0.1)**	**16,494**	

Table 54 Admissions by follow-up status and sex (age<1), 2006 - 2008

Follow-Up Status	Sex									
	Male		Female		Ambiguous		Unknown		Total	
	n	%	n	%	n	%	n	%	n	%
Alive	1,301	(59)	890	(41)	1	(0)	1	(0)	**2,193**	**(27.5)**
Dead	107	(60)	69	(39)	0	(0)	1	(1)	**177**	**(2.2)**
Unknown	3,203	(57)	2,389	(43)	2	(0)	2	(0)	**5,596**	**(70.2)**
Total	**4,611**	**(57.9)**	**3,348**	**(42.0)**	**3**	**(0.0)**	**4**	**(0.1)**	**7,966**	

Table 55 Admissions by follow-up status by NHS trust, 2006 - 2008

Year	NHS Trust	Follow-Up Status							
		Alive		Dead		Unknown		Total	
		n	%	n	%	n	%	n	%
2006	A	4	(1)	1	(0)	444	(99)	**449**	**(8.6)**
	B	199	(88)	2	(1)	26	(11)	**227**	**(4.4)**
	E	0	(0)	0	(0)	1,599	(100)	**1,599**	**(30.6)**
	F	1,014	(93)	73	(7)	0	(0)	**1,087**	**(20.8)**
	H	5	(2)	1	(0)	309	(98)	**315**	**(6.0)**
	J	65	(88)	1	(1)	8	(11)	**74**	**(1.4)**
	O	0	(0)	0	(0)	657	(100)	**657**	**(12.6)**
	T	0	(0)	0	(0)	442	(100)	**442**	**(8.5)**
	U	46	(13)	4	(1)	317	(86)	**367**	**(7.0)**
2006 Total		**1,333**	**(25.6)**	**82**	**(1.6)**	**3,802**	**(72.9)**	**5,217**	
2007	A	0	(0)	0	(0)	512	(100)	**512**	**(9.3)**
	B	138	(81)	5	(3)	28	(16)	**171**	**(3.1)**
	E	0	(0)	0	(0)	1,473	(100)	**1,473**	**(26.7)**
	F	1,125	(94)	68	(6)	4	(0)	**1,197**	**(21.7)**
	H	3	(1)	0	(0)	287	(99)	**290**	**(5.3)**
	J	108	(91)	4	(3)	7	(6)	**119**	**(2.2)**
	O	0	(0)	0	(0)	638	(100)	**638**	**(11.6)**
	T	1	(0)	0	(0)	384	(100)	**385**	**(7.0)**
	U	0	(0)	0	(0)	367	(100)	**367**	**(6.7)**
	Z	219	(61)	0	(0)	140	(39)	**359**	**(6.5)**
2007 Total		**1,594**	**(28.9)**	**77**	**(1.4)**	**3,840**	**(69.7)**	**5,511**	
2008	A	0	(0)	1	(0)	469	(100)	**470**	**(8.2)**
	B	210	(74)	3	(1)	71	(25)	**284**	**(4.9)**
	E	0	(0)	0	(0)	1,566	(100)	**1,566**	**(27.2)**
	F	1,071	(93)	85	(7)	0	(0)	**1,156**	**(20.0)**
	H	3	(1)	0	(0)	379	(99)	**382**	**(6.6)**
	J	111	(86)	4	(3)	14	(11)	**129**	**(2.2)**
	O	0	(0)	0	(0)	610	(100)	**610**	**(10.6)**
	T	0	(0)	0	(0)	476	(100)	**476**	**(8.3)**
	U	0	(0)	0	(0)	301	(100)	**301**	**(5.2)**
	Z	78	(20)	3	(1)	311	(79)	**392**	**(6.8)**
2008 Total		**1,473**	**(25.5)**	**96**	**(1.7)**	**4,197**	**(72.8)**	**5,766**	
Grand Total		**4,400**	**(26.7)**	**255**	**(1.5)**	**11,839**	**(71.8)**	**16,494**	

Table 56 Re-Admissions by NHS trust and source of previous admission, 2006 - 2008

NHS Trust	Source of Previous Admission						Total	
	Same NHS Trust		Other NHS Trust		No Previous Admission			
	n	%	n	%	n	%	n	%
A	331	(23)	45	(3)	1,055	(74)	**1,431**	**(8.7)**
B	150	(22)	46	(7)	486	(71)	**682**	**(4.1)**
E	1,219	(26)	347	(7)	3,072	(66)	**4,638**	**(28.1)**
F	1,054	(31)	192	(6)	2,194	(64)	**3,440**	**(20.9)**
H	234	(24)	85	(9)	668	(68)	**987**	**(6.0)**
J	25	(8)	33	(10)	264	(82)	**322**	**(2.0)**
O	672	(35)	93	(5)	1,140	(60)	**1,905**	**(11.5)**
T	314	(24)	97	(7)	892	(68)	**1,303**	**(7.9)**
U	125	(12)	124	(12)	786	(76)	**1,035**	**(6.3)**
Z	159	(21)	61	(8)	531	(71)	**751**	**(4.6)**
Total	**4,283**	**(26.0)**	**1,123**	**(6.8)**	**11,088**	**(67.2)**	**16,494**	

Table 57 Number of admissions of individual children by their NHS trust of first admission, 2006 - 2008

NHS Trust	Number of Admissions																	
	1		2		3		4		5		6		7		8		Totals	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
A	866	(78.0)	145	(13.1)	59	(5.3)	21	(1.9)	9	(0.8)	3	(0.3)	1	(0.1)	6	(0.5)	**1,110**	**(9.2)**
B	396	(75.4)	71	(13.5)	22	(4.2)	16	(3.0)	8	(1.5)	3	(0.6)	2	(0.4)	7	(1.3)	**525**	**(4.4)**
C	0	(0.0)	4	(50.0)	1	(12.5)	3	(37.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	**8**	**(0.1)**
D	0	(0.0)	3	(21.4)	2	(14.3)	4	(28.6)	2	(14.3)	0	(0.0)	2	(14.3)	1	(7.1)	**14**	**(0.1)**
E	2,421	(73.2)	520	(15.7)	188	(5.7)	89	(2.7)	30	(0.9)	24	(0.7)	11	(0.3)	24	(0.7)	**3,307**	**(27.5)**
F	1,584	(65.8)	446	(18.5)	174	(7.2)	100	(4.2)	48	(2.0)	22	(0.9)	11	(0.5)	23	(1.0)	**2,408**	**(20.0)**
G	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	**1**	**(0.0)**
H	520	(72.9)	109	(15.3)	52	(7.3)	13	(1.8)	8	(1.1)	3	(0.4)	2	(0.3)	6	(0.8)	**713**	**(5.9)**
I	0	(0.0)	2	(25.0)	2	(25.0)	1	(12.5)	1	(12.5)	2	(25.0)	0	(0.0)	0	(0.0)	**8**	**(0.1)**
J	228	(82.9)	30	(10.9)	8	(2.9)	5	(1.8)	1	(0.4)	0	(0.0)	0	(0.0)	3	(1.1)	**275**	**(2.3)**
K	0	(0.0)	1	(50.0)	0	(0.0)	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	**2**	**(0.0)**
L	0	(0.0)	1	(33.3)	0	(0.0)	1	(33.3)	0	(0.0)	0	(0.0)	1	(33.3)	0	(0.0)	**3**	**(0.0)**
M	0	(0.0)	1	(14.3)	2	(28.6)	2	(28.6)	1	(14.3)	1	(14.3)	0	(0.0)	0	(0.0)	**7**	**(0.1)**
N	0	(0.0)	12	(46.2)	6	(23.1)	3	(11.5)	1	(3.8)	2	(7.7)	0	(0.0)	2	(7.7)	**26**	**(0.2)**
O	781	(61.4)	286	(22.5)	93	(7.3)	60	(4.7)	31	(2.4)	11	(0.9)	5	(0.4)	6	(0.5)	**1,273**	**(10.6)**
P	0	(0.0)	5	(25.0)	6	(30.0)	5	(25.0)	1	(5.0)	1	(5.0)	0	(0.0)	2	(10.0)	**20**	**(0.2)**
Q	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)	0	(0.0)	**1**	**(0.0)**
R	0	(0.0)	4	(19.0)	4	(19.0)	7	(33.3)	3	(14.3)	0	(0.0)	1	(4.8)	2	(9.5)	**21**	**(0.2)**
T	734	(79.4)	98	(10.6)	47	(5.1)	20	(2.2)	11	(1.2)	2	(0.2)	1	(0.1)	12	(1.3)	**925**	**(7.7)**
U	679	(82.7)	80	(9.7)	30	(3.7)	19	(2.3)	5	(0.6)	2	(0.2)	1	(0.1)	5	(0.6)	**821**	**(6.8)**
V	0	(0.0)	2	(25.0)	3	(37.5)	0	(0.0)	0	(0.0)	1	(12.5)	0	(0.0)	2	(25.0)	**8**	**(0.1)**
W	0	(0.0)	6	(28.6)	6	(28.6)	4	(19.0)	2	(9.5)	0	(0.0)	1	(4.8)	2	(9.5)	**21**	**(0.2)**
X	0	(0.0)	6	(37.5)	4	(25.0)	2	(12.5)	2	(12.5)	0	(0.0)	1	(6.3)	1	(6.3)	**16**	**(0.1)**
Y	0	(0.0)	1	(50.0)	0	(0.0)	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	**2**	**(0.0)**
Z	447	(84.2)	46	(8.7)	18	(3.4)	12	(2.3)	3	(0.6)	1	(0.2)	1	(0.2)	3	(0.6)	**531**	**(4.4)**
Total	**8,656**	**(71.9)**	**1,879**	**(15.6)**	**727**	**(6.0)**	**390**	**(3.2)**	**167**	**(1.4)**	**78**	**(0.6)**	**42**	**(0.3)**	**107**	**(0.9)**	**12,046**	

Table 58 Number of individual children by NHS trust and diagnostic group of first admission, 2006 - 2008

NHS Trust	Diagnostic Group																													
	Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastrointestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Missing		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
A	14	(1.3)	18	(1.6)	33	(3.0)	42	(3.8)	92	(8.3)	62	(5.6)	15	(1.4)	65	(5.9)	220	(19.8)	162	(14.6)	248	(22.3)	71	(6.4)	68	(6.1)	0	(0.0)	**1,110**	**(9.2)**
B	7	(1.3)	14	(2.7)	14	(2.7)	41	(7.8)	79	(15.0)	38	(7.2)	0	(0.0)	7	(1.3)	51	(9.7)	4	(0.8)	198	(37.7)	24	(4.6)	47	(9.0)	1	(0.2)	**525**	**(4.4)**
C	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(12.5)	2	(25.0)	0	(0.0)	0	(0.0)	1	(12.5)	2	(25.0)	2	(25.0)	0	(0.0)	0	(0.0)	0	(0.0)	**8**	**(0.1)**
D	0	(0.0)	0	(0.0)	4	(28.6)	0	(0.0)	0	(0.0)	1	(7.1)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	9	(64.3)	0	(0.0)	0	(0.0)	0	(0.0)	**14**	**(0.1)**
E	27	(0.8)	102	(3.1)	1,412	(42.7)	114	(3.4)	234	(7.1)	111	(3.4)	8	(0.2)	71	(2.1)	264	(8.0)	95	(2.9)	624	(18.9)	135	(4.1)	110	(3.3)	0	(0.0)	**3,307**	**(27.5)**
F	13	(0.5)	10	(0.4)	939	(39.0)	67	(2.8)	36	(1.5)	150	(6.2)	1	(0.0)	132	(5.5)	214	(8.9)	7	(0.3)	685	(28.4)	39	(1.6)	102	(4.2)	13	(0.5)	**2,408**	**(20.0)**
G	0	(0.0)	0	(0.0)	1	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	**1**	**(0.0)**
H	12	(1.7)	11	(1.5)	13	(1.8)	12	(1.7)	103	(14.4)	26	(3.6)	0	(0.0)	4	(0.6)	92	(12.9)	29	(4.1)	84	(11.8)	53	(7.4)	268	(37.6)	6	(0.8)	**713**	**(5.9)**
I	0	(0.0)	0	(0.0)	5	(62.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(37.5)	0	(0.0)	0	(0.0)	0	(0.0)	**8**	**(0.1)**
J	8	(2.9)	14	(5.1)	4	(1.5)	12	(4.4)	71	(25.8)	14	(5.1)	1	(0.4)	0	(0.0)	29	(10.5)	5	(1.8)	87	(31.6)	4	(1.5)	26	(9.5)	0	(0.0)	**275**	**(2.3)**
K	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	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)	0	(0.0)	**2**	**(0.0)**
L	0	(0.0)	0	(0.0)	1	(33.3)	1	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	**3**	**(0.0)**
M	0	(0.0)	0	(0.0)	1	(14.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(14.3)	1	(14.3)	1	(14.3)	3	(42.9)	0	(0.0)	0	(0.0)	0	(0.0)	**7**	**(0.1)**
N	1	(3.8)	0	(0.0)	14	(53.8)	0	(0.0)	1	(3.8)	0	(0.0)	0	(0.0)	0	(0.0)	2	(7.7)	1	(3.8)	7	(26.9)	0	(0.0)	0	(0.0)	0	(0.0)	**26**	**(0.2)**
O	1	(0.1)	3	(0.2)	1,095	(86.0)	4	(0.3)	8	(0.6)	11	(0.9)	0	(0.0)	8	(0.6)	0	(0.0)	12	(0.9)	99	(7.8)	0	(0.0)	6	(0.5)	26	(2.0)	**1,273**	**(10.6)**
P	0	(0.0)	0	(0.0)	13	(65.0)	0	(0.0)	1	(5.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	6	(30.0)	0	(0.0)	0	(0.0)	0	(0.0)	**20**	**(0.2)**
Q	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	**1**	**(0.0)**
R	0	(0.0)	0	(0.0)	8	(38.1)	0	(0.0)	5	(23.8)	1	(4.8)	0	(0.0)	0	(0.0)	1	(4.8)	0	(0.0)	6	(28.6)	0	(0.0)	0	(0.0)	0	(0.0)	**21**	**(0.2)**
T	15	(1.6)	9	(1.0)	12	(1.3)	19	(2.1)	116	(12.5)	61	(6.6)	0	(0.0)	12	(1.3)	152	(16.4)	138	(14.9)	286	(30.9)	46	(5.0)	58	(6.3)	1	(0.1)	**925**	**(7.7)**
U	27	(3.3)	1	(0.1)	51	(6.2)	41	(5.0)	25	(3.0)	89	(10.8)	0	(0.0)	0	(0.0)	209	(25.5)	2	(0.2)	324	(39.5)	7	(0.9)	28	(3.4)	17	(2.1)	**821**	**(6.8)**
V	0	(0.0)	0	(0.0)	3	(37.5)	0	(0.0)	1	(12.5)	0	(0.0)	0	(0.0)	0	(0.0)	1	(12.5)	0	(0.0)	2	(25.0)	1	(12.5)	0	(0.0)	0	(0.0)	**8**	**(0.1)**
W	0	(0.0)	0	(0.0)	18	(85.7)	0	(0.0)	0	(0.0)	1	(4.8)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(9.5)	0	(0.0)	0	(0.0)	0	(0.0)	**21**	**(0.2)**
X	0	(0.0)	2	(12.5)	6	(37.5)	0	(0.0)	1	(6.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	6	(37.5)	0	(0.0)	1	(6.3)	0	(0.0)	**16**	**(0.1)**
Y	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	**2**	**(0.0)**
Z	32	(6.0)	10	(1.9)	8	(1.5)	22	(4.1)	34	(6.4)	35	(6.6)	0	(0.0)	0	(0.0)	49	(9.2)	6	(1.1)	250	(47.1)	52	(9.8)	33	(6.2)	0	(0.0)	**531**	**(4.4)**
Total	**157**	**(1.3)**	**194**	**(1.6)**	**3,656**	**(30.4)**	**375**	**(3.1)**	**809**	**(6.7)**	**602**	**(5.0)**	**25**	**(0.2)**	**300**	**(2.5)**	**1,287**	**(10.7)**	**464**	**(3.9)**	**2,933**	**(24.3)**	**432**	**(3.6)**	**748**	**(6.2)**	**64**	**(0.5)**	12,046	

Table 59 Individual child admissions by diagnostic group and readmission status, 2006 - 2008

Diagnostic Group	Number of Admissions							
	Single		Multiple (1 trust)		Multiple (2+ trusts)		Total	
	n	%	n	%	n	%	n	%
Blood / lymphatic	111	(70.7)	36	(22.9)	10	(6.4)	**157**	**(1.3)**
Body wall and cavities	141	(72.7)	41	(21.1)	12	(6.2)	**194**	**(1.6)**
Cardiovascular	2,232	(61.1)	1,180	(32.3)	244	(6.7)	**3,656**	**(30.4)**
Endocrine / metabolic	315	(84.0)	37	(9.9)	23	(6.1)	**375**	**(3.1)**
Gastrointestinal	578	(71.4)	173	(21.4)	58	(7.2)	**809**	**(6.7)**
Infection	506	(84.1)	47	(7.8)	49	(8.1)	**602**	**(5.0)**
Missing	39	(60.9)	18	(28.1)	7	(10.9)	**64**	**(0.5)**
Multisystem	16	(64.0)	7	(28.0)	2	(8.0)	**25**	**(0.2)**
Musculoskeletal	246	(82.0)	46	(15.3)	8	(2.7)	**300**	**(2.5)**
Neurological	1,003	(77.9)	171	(13.3)	113	(8.8)	**1,287**	**(10.7)**
Oncology	323	(69.6)	117	(25.2)	24	(5.2)	**464**	**(3.9)**
Other	590	(78.9)	118	(15.8)	40	(5.3)	**748**	**(6.2)**
Respiratory	2,164	(73.8)	421	(14.4)	348	(11.9)	**2,933**	**(24.3)**
Trauma	392	(90.7)	29	(6.7)	11	(2.5)	**432**	**(3.6)**
Total	**8,656**	**(71.9)**	**2,441**	**(20.3)**	**949**	**(7.9)**	**12,046**	

Table 60 Age specific prevalence (per 100,000 per year) for admissior to paediatric intensive care in the Pan Thames region, 2006 - 2008

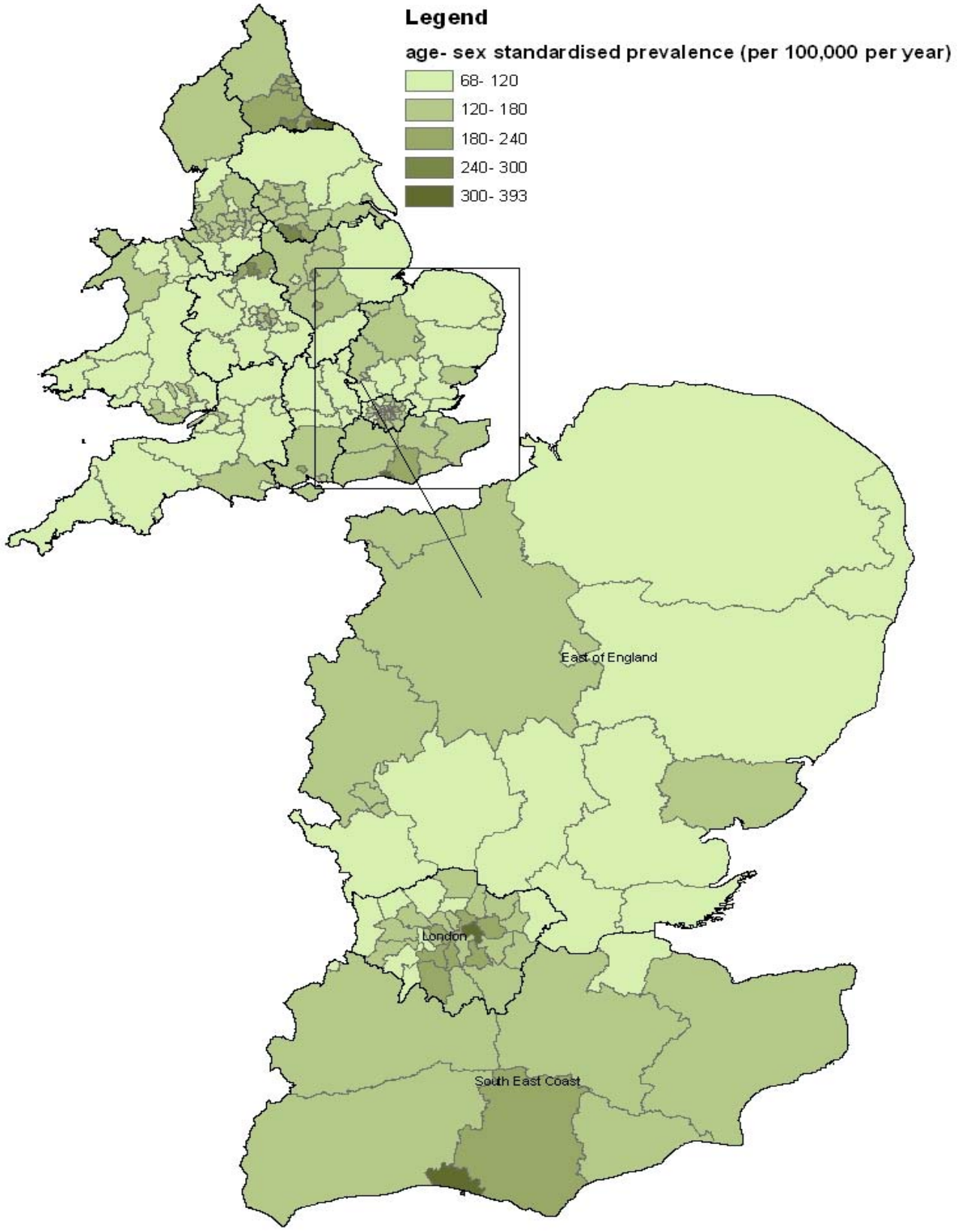
Sex	Age Group (Years)	Population	Prevalence Rates 2006 (95% CI)			2007 (95% CI)			2008 (95% CI)		
			Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper
Male	**<1**	**122,600**	1,062	1,005	1,119	1,100	1,041	1,158	1,082	1,025	1,140
	1-4	**444,500**	163	151	175	176	164	189	184	172	197
	5-10	**611,635**	45	39	50	43	38	48	49	43	54
	11-15	**530,939**	49	43	55	59	52	65	65	58	71
Female	**<1**	**116,000**	743	694	793	862	809	915	872	819	926
	1-4	**424,300**	133	122	144	144	133	155	155	143	167
	5-10	**588,626**	38	33	43	36	31	41	40	35	45
	11-15	**505,815**	52	46	58	61	54	68	64	57	70
Total		**3,344,415**	**134**	**130**	**138**	**145**	**141**	**149**	**150**	**146**	**154**

Table 61 Age-sex standardised prevalence (per 100,000 per year) for admissions to paediatric intensive care by SHA in the Pan Thames region, 2006 - 2008

Country	SHA / HB	Population	Prevalence											
			2006 (95% CI)			2007 (95% CI)			2008 (95% CI)			2006 - 2008 (95% CI)		
			Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper
England	East of England	1,078,309	113	106	119	123	117	130	115	108	121	117	113	121
	London	1,456,871	144	138	150	162	156	168	170	164	177	159	155	162
	South East Coast	809,235	142	133	151	138	130	146	155	146	164	145	140	150
Total		3,344,415	134	130	138	145	141	149	150	146	154	143	140	145

Figure 61a Age-Sex standardised prevalence (per 100,000 per year) for admissions to paediatric intensive care by SHA in England and Wales, 2006 - 2008

Figure 61b Age-Sex standardised prevalence (per 100,000 per year) for admissions to paediatric intensive care by PCO in England and Wales, 2006 - 2008



9 APPENDICES

APPENDIX A PARTICIPATING NHS TRUSTS AND HOSPITAL CHARACTERISTICS

NHS Trust	Participating Hospital	Unit / Ward	Number of ITU beds	Number of HDU beds	Type of unit
Brighton & Sussex University Hospitals NHS Trust	Royal Alexandra Hospital for Sick Children	Lydia Ward	1[a]	1	General
Cambridge University Hospitals NHS Foundation Trust	Addenbrooke's Hospital	PICU	6	2	General
Great Ormond Street Hospital for Children NHS Trust	Great Ormond Street Hospital for Children	CCCU	14-16[b]	0	Cardiac
	Great Ormond Street Hospital for Children	PICU & NICU	21	0	General & Neonatal Unit
Guy's & St. Thomas' NHS Foundation Trust	Evelina Children's Hospital	PICU	15	0	General & Cardiac
King's College Hospital NHS Trust	King's College Hospital	PICU	6	0	General & Hepatic & Neurosurgical
Royal Brompton & Harefield NHS Trust	Royal Brompton Hospital	PICU	10	4	Cardiac & Respiratory
St. George's Healthcare NHS Trust	St. George's Hospital	PICU	5	0	General
St. Mary's NHS Trust	St. Mary's Hospital	PICU	8	2	General
The Lewisham Hospital NHS Trust	University Hospital, Lewisham	PICU	1	2[c]	General & Surgery
Bart's and the London NHS Trust	Barts and the London Children's Hospital	PCCU	2 (ventilated beds)	4	General

Notes:
a Upon moving to the new Children's hospital in June 2007, the unit will run at 1 ITU bed, 2 medical HDU beds and 2 surgical HDU beds initially
b The actual figure depends on the number of ECMO patients and HDU patients.
c Flexed by a further 2 beds to support winter pressures

APPENDIX B CLINICAL ADVISORY GROUP MEMBERSHIP

Name	Position	NHS Trust / Hospital	Period served
Dr Paul Baines	Consultant in Paediatric Intensive Care	Royal Liverpool Children's NHS Trust Alder Hey Hospital	2002 - present
Ms Corenna Bowers	Sister	Cardiff & Vale NHS Trust University Hospital of Wales	2002 - 2004
Dr Anthony Chisakuta	Lead Clinician	The Royal Group of Hospitals and Dental Hospital HSS Trust	2008 - present
Dr Peter Davis	Consultant in Paediatric Intensive Care	United Bristol Healthcare NHS Trust Bristol Royal Hospital for Children	2006 - present
Dr Andrew Durward	Consultant in Paediatric Intensive Care	Guy's & St Thomas' NHS Foundation Trust Evelina Children's Hospital	2002 - present
Ms Georgina Gymer	Research Nurse	Nottingham University Hospitals NHS Trust Queen's Medical Centre	2005 - 2006
Dr James Fraser	Consultant in Paediatric Intensive Care	United Bristol Healthcare NHS Trust Bristol Royal Hospital for Children	2002 – 2006
Dr Hilary Klonin	Consultant in Paediatric Intensive Care	Hull & East Yorkshire Hospitals NHS Trust Hull Royal Infirmary	2002 - present
Ms Christine Mackerness	Sister	Newcastle Upon Tyne Hospitals NHS Foundation Trust Newcastle General Hospital	2002 - present
Ms Tina McClelland	Audit Sister	Royal Liverpool Children's NHS Trust Alder Hey Hospital	2006 - present
Dr Jillian McFadzean	Consultant in Paediatric Intensive Care	NHS Lothian – University Hospitals Division Edinburgh Royal Hospital for Sick Children	2005 - present
Ms Victoria McLaughlin	Audit Nurse	Central Manchester & Manchester Children's University Hospitals NHS Trust Royal Manchester Children's Hospital	2002 - present
Dr Roddy O'Donnell	Consultant in Paediatric Intensive Care	Cambridge University Hospitals NHS Foundation Trust Addenbrooke's Hospital	2002 - present
Ms Geralyn Oldham	Information Support Manager	Great Ormond Street Hospital for Children NHS Trust Great Ormond Street Hospital for Sick Children	2002 - present
Dr Gale Pearson (**Chair**)	Consultant in Paediatric Intensive Care	Birmingham Children's Hospital NHS Trust Birmingham Children's Hospital	2002 - present

Dr Damian Pryor	Consultant in Paediatric Intensive Care	Cardiff & Vale NHS Trust University Hospital of Wales	2002 - 2004
Ms Chloe Rishton	CHiP Nurse	Central Manchester & Manchester Children's University Hospitals NHS Trust, Royal Manchester Children's Hospital	2008 - present
Dr Allan Wardhaugh	Consultant in Paediatric Intensive Care	Cardiff & Vale NHS Trust University Hospital of Wales	2004 - present
Ms Debbie White	Sister	Cambridge University Hospitals NHS Foundation Trust Addenbrooke's Hospital	2002 - present

APPENDIX C STEERING GROUP MEMBERSHIP

Name	Position	Organisation	Representation	Period Served
Mrs Pamela Barnes	Chair of Action for Sick Children	Action for Sick Children	Lay Member	2002 - present
Professor Nick Black (Chair)	Head of Health Services Research Unit	London School of Hygiene and Tropical Medicine	Health Services Research / Public Health	2002 - present
Mr William Booth	Clinical Nurse Manager	United Bristol Healthcare NHS Trust Bristol Royal Hospital for Children PICU	Royal College of Nursing	2002 - present
Ms Bev Botting	Child Health and Pregnancy Statistics	Office for National Statistics	Office for National Statistics (data protection)	2002 - 2003
Dr Jean Chapple	Consultant in Perinatal Epidemiology / Public Health	Westminster Primary Care Trust	PICNET founder	2002 - 2006
Dr Bill Chaudhry	Consultant Paediatrician	Newcastle Upon Tyne Hospitals NHS Trust Newcastle General Hospital PICU	Clinical IT	2002 - 2003
Dr Mark Darowski	Consultant Paediatric Anaesthetist	Leeds Teaching Hospitals NHS Trust Leeds General Infirmary PICU	Royal College of Anaesthetists	2002 - present
Mr Noel Durkin	Department of Health	Child Health Services Directorate	Department of Health	2002 - present
Dr Ian Jenkins	Consultant in Paediatric Intensive Care	United Bristol Healthcare NHS Trust Bristol Royal Hospital for Children PICU	Paediatric Intensive Care Society	2006 - present
Dr Steve Kerr	Consultant in Paediatric Intensive Care	Royal Liverpool Children's NHS Trust Alder Hey Hospital PICU	Chair of PICS	2003 - present
Ms Helen Laing	Clinical Audit	Healthcare Commission	Healthcare Commission	2004 - 2006
Mr Ian Langfield	Audit Co-ordinator	National Assembly of Wales	National Assembly of Wales	2002 - 2003
Dr Michael Marsh	Consultant in Paediatric Intensive Care	Southampton University Hospitals NHS Trust Southampton General Hospital PICU	Royal College of Paediatrics and Child Health	2002 - present
Dr Jillian McFadzean / Ms Laura Reekie	Consultant in Anaesthesia & Intensive Care / PA	NHS Lothian – University Hospitals Division Edinburgh Royal Hospital for Sick Children	Edinburgh Royal Hospital for Sick Children	2005 - present
Dr Roddy McFaul	Medical Advisor	Child Health Services Directorate	Department of Health	2002 - 2003
Dr Kevin Morris	Consultant in Paediatric	Birmingham Children's Hospital NHS Trust	Clinical Lead for the West Midlands	2006 - present

Name	Position	Organisation	Representation	Period Served
	Intensive Care	Birmingham Children's Hospital PICU	Medicines for Children Local Research Network	
Professor Jon Nicholl	Director of Medical Care Research Unit	School of Health and Related Research University of Sheffield	Health Services Research / Statistics	2002 - 2006
Dr Gale Pearson	Consultant in Paediatric Intensive Care	Birmingham Children's Hospital NHS Trust Birmingham Children's Hospital PICU	Chair of PICANet CAG	2002 - present
Ms Tanya Ralph	Nursing Research Lead	Sheffield Children's NHS Foundation Trust Sheffield Children's Hospital PICU	PICS	2002 - 2006
Dr Kathy Rowan (on sabbatical 2004 -, represented by Lucy Scott)	Director	ICNARC	Intensive Care National Audit & Research Centre	2002 - present
Mr Stuart Rowe	PCT Commissioner	Commissioning Department Hammersmith & Fulham PCT	PCT Commissioner (Pan-Thames)	2003 - present
Ms Dominique Sammut	Audit Co-ordinator	Health Commission Wales	Health Commission Wales	2003 - present
Dr Jennifer Smith	Medical Advisor	Office Project Team	Commission for Health Improvement	2002 - 2004
Dr Charles Stack	Consultant in Paediatric Intensive Care	Sheffield Children's NHS Foundation Trust Sheffield Children's Hospital PICU	PICS	2002 - 2006
Professor Stuart Tanner	Medical Advisor in Paediatrics and Child Health	Child Health Services Directorate Department of Health	Department of Health	2003 - 2006
Dr Robert Tasker	Lecturer in Paediatrics	Department of Paediatrics University of Cambridge Clinical School	PICS SG	2004 - present
Dr Edward Wozniak	Medical Advisor in Paediatrics and Child Health	Child Health Services Directorate Department of Health	Department of Health	2006 - present

APPENDIX D DATA COLLECTION FORM

The Paediatric Intensive Care Audit Network Data Collection Form

Admission number

NHS number

Case note number

Address *(or affix patient sticker here if required)*

Postcode

Ethnic category and code *(see back of form)*

Family name

Second family name

First name

Date of birth *(dd/mm/yyyy)*

If DOB is estimated *(or missing or partly anonymised)*
- ☐ Estimated
- ☐ Anonymised
- ☐ Not known

Gestational age at delivery *(If age < 2 years)* ____ weeks

Sex
- ☐ Male
- ☐ Female
- ☐ Ambiguous
- ☐ Not known

Birth order ____ of **Multiplicity** ____

GP Practice Code

Date of admission to your unit *(dd/mm/yyyy)* ____ / ____ / 20____

Time of admission to your unit *(hh:mm)* ____ : ____

Type of admission to your unit
- ☐ Planned – following surgery
- ☐ Unplanned – following surgery
- ☐ Planned – other
- ☐ Unplanned

Previous ICU admission *(during current hospital stay)*
- ☐ ICU
- ☐ PICU
- ☐ NICU
- ☐ None
- ☐ Not known

Source of admission
- ☐ Same hospital
- ☐ Other hospital
- ☐ Clinic
- ☐ Home

Retrieval / transfer
- ☐ Yes
- ☐ No

Retrieved / transferred by
- ☐ Own team
- ☐ Other specialist team (PICU)
- ☐ Other specialist team (non-PICU)
- ☐ Non-specialist team
- ☐ Not known

Care area admitted from *(includes transfers in)*
- ☐ X-ray, endoscopy, CT scanner or similar
- ☐ Recovery only
- ☐ HDU (step up / step down unit)
- ☐ Other intermediate care area (not ICU / PICU / NICU)
- ☐ ICU / PICU / NICU
- ☐ Ward
- ☐ Theatre and recovery
- ☐ A & E

Diagnoses and procedures

Primary diagnosis for this admission:

Other reasons for this admission:

Operations or procedures performed during this admission:

Co-morbidity:

PICANet data collection form Version 7.01 August 2007

Daily Interventions

Admission date: _____

Please record all interventions given on each day of admission using a cross ☒.
If no interventions given, choose 'No defined critical care activity'.

			Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13
Basic	No defined critical care activity	Code 99														
	Continuous ECG monitoring	50														
	Continuous pulse oximetry	73														
Airway and ventilatory	Invasive ventilation via endotracheal tube	51														
	Invasive ventilation via tracheostomy tube	52														
	Non-invasive ventilatory support	53														
	Advanced ventilatory support (jet ventilation)	56														
	Advanced ventilatory support (oscillatory ventilation)	56														
	Nasopharyngeal airway	55														
	Tracheostomy cared for by nursing staff	13														
	Supplemental oxygen therapy (irrespective of ventilatory state)	09														
	Upper airway obstruction requiring nebulised adrenaline (epinephrine)	57														
	Apnoea requiring intervention (>3 in 24 hours or need for bag-mask ventilation)	58														
	Acute severe asthma requiring IV bronchodilator therapy or continuous nebuliser	59														
Cardio-vascular	Arterial line monitoring	60														
	External pacing	61														
	Central venous pressure monitoring	62														
	Continuous infusion of inotrope, vasodilator or prostaglandin	06														
	Bolus IV fluids (>80 ml/kg/day) in addition to maintenance IV fluids	63														
	Cardio-pulmonary resuscitation	64														
	Extracorporeal membrane oxygenation (ECMO)	65														
	Ventricular assist device (VAD)	65														
	Aortic balloon pump	65														
Renal	Peritoneal dialysis	05														
	Haemofiltration	16														
	Haemodialysis	66														
	Plasma filtration	67														
	Plasma exchange	67														
Neuro-logical	ICP-intracranial pressure monitoring	68														
	Intraventricular catheter or external ventricular drain	69														
Metabolic	Diabetic ketoacidosis (DKA) requiring continuous infusion of insulin	70														
Other	Exchange transfusion	04														
	Intravenous thrombolysis	71														
	Extracorporeal liver support using molecular absorbent recirculating system (MARS)	72														
	Patient nursed in single occupancy cubicle *(state reason for isolation below†)*	†74														
High cost drugs	Medical gases Band 1 - nitric oxide	X841														
	Surfactant	TBC														

†For patients nursed in a single occupancy cubicle, please state reason for isolation

Reason for isolation:

PIM/PIM2 – Reason for admission

Tick if this is an elective admission

☐

Main reason for this PICU admission

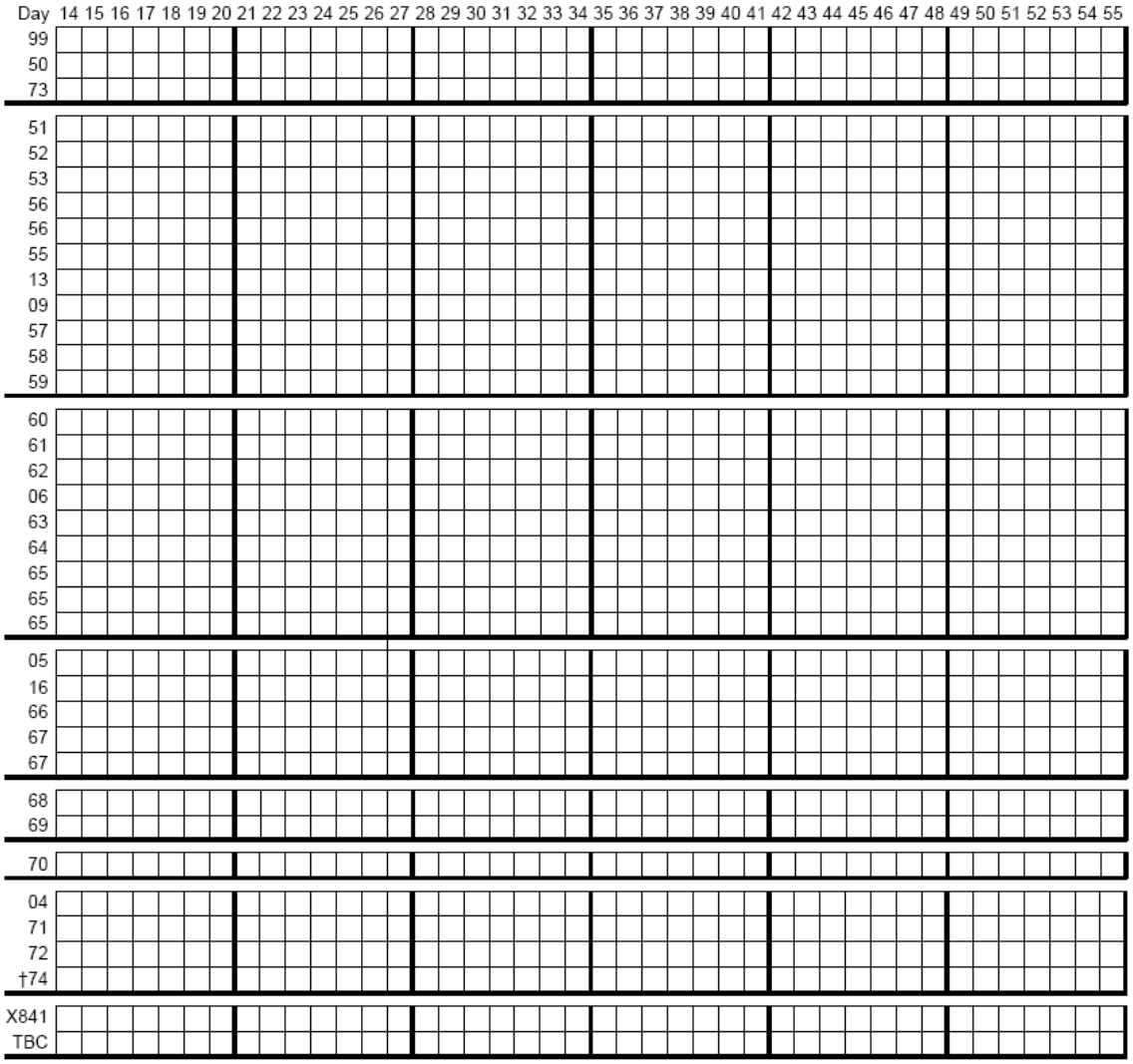
- ☐ None of those below
- ☐ Asthma
- ☐ Bronchiolitis
- ☐ Croup
- ☐ Obstructive sleep apnoea
- ☐ Recovery from surgery
- ☐ Diabetic ketoacidosis

PIM/PIM2 – Medical History

Is evidence available to assess past medical history?
(If Yes, tick all that apply)

- ☐ Yes
- ☐ No

- ☐ Cardiac arrest before ICU admission
  - ☐ Cardiac arrest OUT of hospital
- ☐ Cardiomyopathy or myocarditis
- ☐ Severe combined immune deficiency
- ☐ Hypoplastic left heart syndrome
- ☐ Leukaemia / lymphoma after 1st induction
- ☐ Liver failure (main reason for PICU admission)
- ☐ Admitted following cardiac bypass
- ☐ Spontaneous cerebral haemorrhage
- ☐ Neurodegenerative disorder
- ☐ Severe developmental delay
- ☐ Human Immunodeficiency Virus (HIV)



Did the child have a tracheostomy performed during this admission?

☐ Yes ☐ No

Is the child on a clinical trial? ☐ Yes ☐ No

Name of clinical trial:

PIM/PIM2 – Physiology

This section applies to measurements recorded between the first face-to-face contact with your unit doctor until one hour after admission to your unit

Blood gas in first hour? ☐ Yes ☐ No

Arterial PaO_2 ☐☐ . ☐☐ kPa OR ☐☐☐ mmHg

FiO_2* ☐ . ☐☐

Intubation* ☐ Yes ☐ No

Headbox* ☐ Yes ☐ No

** As recorded at the time of the above PaO_2 sample*

State first measurement recorded in defined time period

Systolic blood pressure ☐☐☐ mmHg

±

Base excess *(arterial/capillary)* ☐☐☐ . ☐

Pupil reaction

☐ Both fixed and dilated
☐ Other reaction
☐ Not known

Did the child receive any of the following during the first hour after admission to your unit?

Mechanical ventilation ☐ Yes ☐ No ☐ N/K

CPAP *(include mask, nasal, negative pressure)* ☐ Yes ☐ No ☐ N/K

Discharge information

Status at discharge from your unit

☐ Alive ☐ Dead ☐ Discharged for palliative care

Date of discharge *(dd/mm/yyyy)* ☐☐ / ☐☐ / 20☐☐

Time of discharge *(hh:mm)* ☐☐ : ☐☐

Date of death *(dd/mm/yyyy)* ☐☐ / ☐☐ / 20☐☐

Time of death *(hh:mm)* ☐☐ : ☐☐

Destination following discharge from your unit

- ☐ Normal residence
- ☐ Hospice
- ☐ Same hospital
- ☐ Other hospital

→

- ☐ ICU
- ☐ PICU
- ☐ NICU
- ☐ HDU
- ☐ SCBU
- ☐ Ward
- ☐ Other

Follow-up 30 days post-discharge from your unit

Status ☐ Alive ☐ Dead ☐ Not known

Date of death *(dd/mm/yyyy)* ☐☐ / ☐☐ / 20☐☐

Location

- ☐ Normal residence
- ☐ Hospice
- ☐ Same hospital
- ☐ Other hospital

→

- ☐ ICU
- ☐ PICU
- ☐ NICU
- ☐ HDU
- ☐ SCBU
- ☐ Ward
- ☐ Other

Growth measurements *(if required by unit)*

Height ☐☐☐.☐ cm

Weight ☐☐☐.☐☐☐ kg

Abdominal circumference ☐☐☐.☐ cm

Form completed by

Custom or user-defined fields

Field name	Value

Comments

Standard NHS ethnic categories

Ethnic category		Code
White	British	A
	Irish	B
	Any other White background	C
Mixed	White & Black Caribbean	D
	White & Black African	E
	White & Asian	F
	Any other mixed background	G
Asian & Asian British	Indian	H
	Pakistani	J
	Bangladeshi	K
	Any other Asian background	L
Black or black British	Caribbean	M
	African	N
	Any other Black background	P
Other ethnic groups	Chinese	R
	Any other ethnic group	S
Not stated	Not stated	Z

Queries

An emailed query to **picanet@leeds.ac.uk** *will reach every PICANet team member, or you can contact us individually:*

Roger Parslow
(0113) 343 4856
r.c.parslow@leeds.ac.uk

Database Manager
(0113) 343 8125
picanet@leeds.ac.uk

Krish Thiru
(020) 7762 6713
thiruk1@gosh.nhs.uk

Caroline Lamming
(0116) 252 5414
crl4@leicester.ac.uk

APPENDIX E DATA/INFORMATION REQUESTS RECEIVED BY PAN THAMES, 2006 - 2008

Request date	Name	Position & Place of work	Information requested	Status
02/03/2006	Anna Seale	SpR Paediatric Cardiology Royal Brompton Hospital	Admissions with TAPVC / congeniatal pulmonary vein stenosis.	Completed (information returned to individual PICUs)
05/06/2006	Cornelia Junghans	Epidemiologist & Research Fellow, Prognostic Epidemiology Group, UCL Medical School	**NEL PATIENTS STUDY** For all patients in the NEL sector: Not currently in the manual but discussed with Roger Parslow: 1. Individual Townsend score 2. Ethnicity obtained by name programme 3. Age in months 4. Survival in months 5. Primary diagnosis by diagnostic group Data directly from the database: 1. ADDATE 2. ADTIME 3. SEX 4. ADTYPE 5. GEST 6. MULT 7. SOURCEAD 8. PREVICUAD 9. CAREAREAAD 10. RETRIEVAL 11. RETRIEVALBY 12. OTHDIAGNOTES 13. OTHDIAG 14. OPPROCNOTES 15. OPPROC 16. COMNOTES	Completed

			17. COMDIAG 18. PRECEDCPR 19. PRECEHOSPCARDARR 20. CARDIOMYOCARDITIS 21. CARDIACBYP 22. SEVCOMBIMMUNE 23. SPONTCEREBHAEM 24. HIV 25. LIVERFAIL 26. LEUKLYMPH1ST 27. NEUROGENDIS 28. HYPOPLAS 29. ELECTIVEAD 30. PRIMREASON 31. INTUBATION 32. HEADBOX 33. MECHVENT 34. CPAPFIRSTHR 35. INVVENT 36. INVVENTDAY 37. NONINVVENT 38. NONINVVENTDAY 39. INTTRACHEOSTOMY 40. VASOACTIVE 41. LVAD 42. ICPVD 43. ICPBOLT 44. RENALSUPPORT 45. RENALHAEMFIL 46. RENALHAEMDIA 47. RENALPLASFILT 48. RENALPLASEXCH 49. RENALPERIDIA	

			50. UNITDISSTATUS 51. DISPALCARE 52. UNITDISDATE 53. UNITDISTIME 54. UNITDISDEST 55. UNITDISDESTHOSP 56. COMMENTS	
26/06/2006	Jonathan Round	Consultant, St George's Hospital PICU, Tooting	**ONCOLOGY STUDY** Raw data on all patients admitted to PICU's in the UK with oncology coding. Data required on: age, sex, oncology diagnosis, and where in treatment (may not be in picanet dataset), if had bone marrow transplant, other diagnoses, PIM data at admission, if ever ventilated (invasive or non-invasive) or received inotropes, outcome, LOS and status at 30 days. I also need source of admission, planned/unplanned and post surgery.	Completed
17/08/2006	Noel Durkin	Department of Health	**CARDIAC** Essentially we are looking for the following data - activity by cardiac procedure code - broken down by new PCT (if possible) but more importantly by known paediatric cardiac centre - broken down also by age groups (Neonates [1-30 days], infants [31 -365 days], children [1 -16], adult [16+]) - in a form which will enable us to look at patient flows to known centres, including for specific conditions - most recent data available 2004 and 2005 (and 2006 if available).	Completed
09/11/2006	Robert Tasker & Mike Sharland	Consultant PICU, Addenbrooke's & Consultant in Paediatric Infectious Disease, St George's	**BACTERAEMIA** Admission information PIM data Interventions Discharge information Ethnic category	Pending
22/11/2006	David Inwald	Consultant in PICU, St Mary's NHS Trust	**ST MARY'S ADMISSIONS** Admissions 1. Total Admissions (November 05- November 06) 2. Totl intubated 3. Percentage with an endothracheal tube receiving ventilation 4. for up to 6 hours	Completed

			5. more than 6 hours up to 12 hours 6. More than 12 hours 7. Total retrieved 8. Total presenting from A&E 9. Total post-surgery by specialiy 10. Total numbers according to types of medical conditions 11. Breakdown of patient numbers according to age a. Preterm - please give numbers and specific gestational ages b. Birth to 30 days c. 31 days to one year d. > 1 year to 2 years e. > 1 year to 2 years f. > 2 years to 5 years g. > 5 years to 10 years h. >10 years to 15 years i. > 15 years to 18 years j. > 18 years 12. Mean length of PICU admission (nights) 13. Median length of PICU admission (nights) Outcome: 14. Mortality (total number) 15. Mortality (percentage of total admissions)	
16/04/2007	Padmanabhan Ramnarayan	Consultant in Paediatric Intensive Care & Retrieval, PICS Informatics Special Interest Group and Study Group Lead	**READ CODES** Read-coded terms recorded as part of the PICANet dataset, i.e. diagnoses, procedures, other co-morbid conditions, interventions and complications. Patient-identifiable information is not required. We are seeking data from a 2-year period 2004-2006.	Completed
18/04/2007	Mark Peters	Clinical Unit Chair, P/NICU, Great Ormond Street Hospital.	**RESPIRATORY FAILURE** Age / gestation / LOS / outcome / PIM score and diagnostic coding for all cases of respiratory failure	Completed
18/04/2007	Jonathan Round	Consultant, St George's Hospital PICU, Tooting	**ONCOLOGY** January 2003 to December 2006 data on PICU patients with a primary oncology diagnosis. All information on these patients except name. DOB needed to match with DOB from oncology datasets at a	Completed

			later stage.	
18/04/2007	Mark Peters	Clinical Unit Chair, P/NICU, Great Ormond Street Hospital.	**a) RESPIRATORY FAILURE** Age / gestation / LOS / outcome / PIM score and diagnostic coding for all cases of respiratory failure **b) SUPPLEMENTARY INFORMATION** Can you provide gender data on these same cases and can you rerun the query with any diagnostic code that inlcudes 'influenza'	Completed
21/05/2007	David Inwald	Consultant in PICU, St Mary's Hospital	**ST. MARY'S DATA** Numbers of children admitted to St Mary's PICU receiving invasive ventilation, non-invasive ventilation, both or neither by primary care organization between 01/04/2006 and 31/03/2007. Also required, total number of occupied bed days in each category and total bed days measured to a fraction of a day. In addition, number of invasive ventilation days and non-invasive ventilation days by PCO (this may differ from OBD as length of stay longer than duration of ventilation	Completed
05/07/2007	Shane Tibby	Consultant PICU, Evelina Children's Hospital, Guy's & St Thomas' NHS Foundation Trust	**RESPIRATORY ADMISSIONS** All respiratory admissions to PICU including the differentiation between RSV and non-RSV bronchiolitis, for the period 2004 – 2006. If possible, this would ideally include data from early 2007 (up until March), to encompass the most recent RSV season. We would like these data to include the length of PICU stay, length of ventilation and mortality.	Completed
02/08/2007	Padmanabhan Ramnarayan	Consultant in Paediatric Intensive Care & Retrieval, GOSH/CATS	**RETRIEVALS** **Demographic details** (age, gender, ethnic origin codes, SHA), distance to nearest PICU, **clinical details** (admitting PICU, date of admission and discharge, admission details, retrieved status, retrieval details, PIM score, bed occupancy, interventions on PICU, discharge outcome, 30 day follow up if available) Data will be necessary for the period of January 2004 to December 2006.	Completed

19/09/2007	Esse Menson	Consultant PID, Evelina Children's Hospital, London	**VARICELLA** Numbers of all cases of varicella-associated admissions or referrals to PICUs in UK, this year & past 5 years – or as far back as data goes. Data by child's place of residence (PCT or SHA) would be great.	Completed
08/10/2007	Kate Brown	Consultant Intensivist, Great Ormond Street Hospital	**24 HOUR STUDY** A list of children who died within 24 hours of admission to a UK PICU. No patient or unit identifier is required. The list to contain: the PIM score, the primary diagnosis, date and time of admission, date and time of death. The data is requested over the longest possible / feasible time period.	Completed
25/01/2008	Stuart Rowe	Lead Commissioner - Pan Thames, Hammersmith and Fulham PCT	**PAN THAMES** Admissions, bed days and retrievals for: I) Non-Pan Thames residents to Pan Thames units II) Pan Thames residents to Pan Thames units	Completed
05/02/2008	Quen Mok	Consultant Intensivist, Great Ormond Street Hospital	**HEAD INJURIES** Numbers of patients admitted with moderate and/or severe traumatic brain injury/head injury per year to each PICANET unit in the last 5 years.	Completed
04/04/2008	Ruth Gilbert	Professor of Clinical Epidemiology	**PICU ADMISSIONS ACROSS 9 LARGEST PICU'S** Numbers of PICU admissions in 2006 for 9 of the largest PICUs, according to duration of stay, operative status, source of patient and diagnostic group. We will use the information to help design a randomized controlled trial of impregnated central venous catheters to prevent bacteraemia in children admitted to PICU. We need to have a break-down of patient groups according to duration of stay in order to estimate the sample size available. We will use estimates of baseline risk of bacteraemia in relation to duration of stay to estimate sample size according to patient group	Completed

08/04/2008	David Inwald	Consultant	**SEPSIS** Audit of current UK management of community acquired paediatric sepsis	Completed
27/04/2008	Cormac Breatnach	Clinical Fellow – Childrens acute transport service	**MULTIPLE ACUTE TRANSFERS** To assess the characteristics and outcome of patients requiring multiple acute transfers	Pending
19/05/2008	Shane Tibby	Consultant	**RESPIRATORY ADMISSIONS** All respiratory admissions to PICU including the differentiation between RSV and non-RSV bronchiolitis, for the period 2004 – 2008. If possible, this would ideally include data from early 2008 (up until March), to encompass the most recent RSV season. We would like these data to include the length of PICU stay, length of ventilation and mortality. This study is in collaboration with Dr Mike Sharland (St George's Hospital).	Completed
14/07/2008	P Ramnarayan	Consultant	**RETRIEVALS** To compare the clinical characteristics and course of children retrieved to an intensive care unit versus non-retrieved patients with similar illness severity. Sub group analysis of patients retrieved by specialist team versus non specialist team. This is a follow up from data requested on 03/09/07	Completed
12/08/2008	Ruth Gilbert	Professor Of Clinical Epidemiology	**ANTIBIOTIC AND HERPARIN IMPREGNATED CATHETERS** We plan to undertake a randomised controlled trial of antibiotic and heparin impregnated central venous catheters compared with standard CVCs (in collaboration with MCRN and CTU in Liverpool). The data are required to inform sample size calculations. A rapid response would be much appreciated.	Completed
10/09/2008	Paula Lister	Consultant Intensivist	**DEVELOPMENT OF A PIC TRIAGE TOOL** To utilize national data to inform the development of a PIC triage tool for use during a pandemic.	Completed
15/10/2008	Victoria Attwell	Analyst (Healthcare for London)	**TRAUMA SERVICES ACROSS LONDON** Looking at trauma services across London to plan services	Completed
14/11/2008	Stuart Rowe	Pan Thames Commissioner (Hammersmith and Fulham PCT)	**LOCAL PATIENTS ADMISSIONS** To gain understanding of local patients admissions	Completed

APPENDIX F MONTHLY ADMISSIONS REPORT

Admissions		SITEID																	
Year	Month	1	2	3	4	5	6	8	9	10	11	12	13	14	15	16	17	18	19
2006	1	92	15	66	30	37	77	43	34	108	137	103	29	54	39	38	5	68	16
	2	68	29	51	47	30	80	28	35	104	114	104	18	45	46	35	6	59	12
	3	68	23	66	35	30	80	42	32	116	152	89	17	47	41	39	7	49	17
	4	88	13	52	27	18	65	49	33	83	134	91	25	50	36	27	7	46	17
	5	90	19	57	39	25	80	53	30	90	138	88	28	64	31	40	7	49	19
	6	79	18	58	40	20	65	51	31	101	142	84	28	55	31	23	5	37	19
	7	99	15	54	37	21	80	42	27	88	154	84	32	53	46	24	2	50	15
	8	106	23	50	35	22	65	47	22	82	140	79	30	72	36	15	3	42	13
	9	82	22	53	36	21	63	46	24	70	143	88	28	53	37	23	5	47	17
	10	92	14	45	48	26	88	62	28	78	128	86	26	65	30	37	5	46	14
	11	101	27	53	32	29	78	42	36	101	132	90	32	60	35	35	13	51	14
	12	99	17	54	48	30	108	25	35	98	116	115	31	39	42	33	10	41	17
2006 Total		**1064**	**235**	**659**	**454**	**309**	**929**	**530**	**367**	**1119**	**1630**	**1101**	**324**	**657**	**450**	**369**	**75**	**585**	**190**
2007	1	96	25	55	48	34	78	31	40	90	112	107	20	68	36	32	11	58	18
	2	76	17	58	41	29	79	26	32	84	95	97	24	54	27	31	8	66	14
	3	95	20	55	47	28	81	32	31	84	125	100	38	42	38	33	8	43	17
	4	84	18	63	50	24	75	30	35	79	118	88	25	61	34	26	8	43	16
	5	84	24	50	46	21	85	41	36	99	122	102	31	63	33	33	2	55	15
	6	92	19	54	35	32	70	36	25	86	130	95	27	43	47	22	10	50	22
	7	88	9	55	40	29	88	31	30	90	146	103	27	52	40	26	13	56	22
	8	98	7	51	51	20	70	26	31	94	152	102	16	47	26	28	11	60	10
	9	103	3	50	36	22	71	28	31	83	130	87	37	54	20	27	7	38	13
	10	114	10	62	46	29	71	38	27	103	129	115	20	53	32	30	19	54	13
	11	112	11	77	42	32	85	27	23	99	133	124	13	59	31	39	12	67	16
	12	116	12	68	42	24	65	32	33	95	118	104	31	46	37	41	10	61	18
2007 Total		**1158**	**175**	**698**	**524**	**324**	**918**	**378**	**374**	**1086**	**1510**	**1224**	**309**	**642**	**401**	**368**	**119**	**651**	**194**
2008	1	99	30	60	52	31	93	30	40	93	135	87	34	56	37	26	11	62	19
	2	87	29	53	37	21	70	17	29	86	134	87	23	50	35	15	8	64	17
	3	102	30	58	39	27	69	22	35	97	107	101	30	48	41	25	13	57	17
	4	90	30	70	35	23	82	33	24	100	119	85	24	44	41	23	17	65	14
	5	89	25	58	36	30	71	27	25	86	143	105	39	44	47	30	13	53	12
	6	98	22	55	39	22	59	30	28	113	143	103	23	41	38	26	9	47	19
	7	104	17	74	30	21	60	50	32	92	136	109	22	47	46	27	4	55	19
	8	91	23	62	37	18	50	46	30	90	138	102	30	58	31	24	13	50	9
	9	88	27	68	50	24	67	35	30	88	131	87	39	58	37	23	15	49	13
	10	89	25	64	41	32	78	34	38	102	151	93	52	62	43	21	10	56	22
	11	87	13	64	37	30	69	16	46	101	129	106	50	54	47	25	9	64	19
	12	91	18	63	44	30	67	29	43	102	127	111	38	48	47	41	9	52	22
2008 Total		**1115**	**289**	**749**	**477**	**309**	**835**	**369**	**400**	**1150**	**1593**	**1176**	**404**	**610**	**490**	**306**	**131**	**674**	**202**
Total		**3337**	**699**	**2106**	**1455**	**942**	**2682**	**1277**	**1141**	**3355**	**4733**	**3501**	**1037**	**1909**	**1341**	**1043**	**325**	**1910**	**586**

Admissions

Year	Month	20	21	22	23	24	25	26	27	28	29	31	32	33	34	35	Total
2006	1	27	27	40	42	29	12	70	28	4	31	32					1333
	2	22	31	27	33	21	4	59	19	7	48	35					1217
	3	27	40	27	40	22	7	67	26	4	41	48					1299
	4	32	33	26	41	22	7	51	31	4	40	39					1187
	5	25	22	28	36	17	11	64	19	2	30	38					1239
	6	15	40	25	25	26	7	62	27	3	43	33					1193
	7	20	20	21	37	19	5	46	21	2	29	29					1172
	8	19	32	14	34	23	11	49	25	2	26	38					1155
	9	16	30	32	31	23	8	53	30	3	28	25					1137
	10	23	25	19	36	29	5	59	32		47	39					1232
	11	22	30	26	35	27	6	57	28	2	41	39					1274
	12	28	25	21	31	18	7	55	32	3	33	35					1246
2006 Total		**276**	**355**	**306**	**421**	**276**	**90**	**692**	**318**	**36**	**437**	**430**					**14684**
2007	1	37	20	22	43	27	3	71	31	4	40	38					1295
	2	30	35	17	43	15	4	59	34	3	33	36	12				1179
	3	18	38	20	44	25	7	69	31	3	43	48	32				1295
	4	25	16	21	32	25	8	47	33		53	42	37	80			1296
	5	21	33	25	33	25	9	58	34	6	52	41	38	83			1400
	6	25	25	25	33	31	7	54	23	5	41	41	35	75			1315
	7	22	30	22	20	36	3	73	26	5	56	29	28	61			1356
	8	32	25	23	16	26	12	74	26	4	43	37	31	85			1334
	9	20	30	26	22	26	10	45	21	4	39	32	37	61			1213
	10	33	41	23	23	29	8	70	41	3	46	41	43	60			1426
	11	25	43	22	30	24	5	68	39	3	38	44	39	84			1466
	12	30	29	31	21	26	9	69	37	5	53	34	34	62			1393
2007 Total		**318**	**365**	**277**	**360**	**315**	**85**	**757**	**376**	**45**	**537**	**463**	**366**	**651**			**15968**
2008	1	29	32	27	20	36	5	64	30	4	48	60	27	94			1471
	2	21	19	26	22	33	5	49	24	7	41	43	30	86			1268
	3	28	27	29	28	35	13	52	28		53	44	36	76			1367
	4	30	27	26	35	22	11	48	37	3	43	42	26	68	14		1351
	5	22	25	30	36	18	6	53	28	2	41	36	22	77	31		1360
	6	27	33	23	30	25	3	65	23	1	31	28	27	77	29		1337
	7	24	32	31	41	30	7	64	24	1	31	36	36	62	28		1392
	8	27	33	20	42	17	10	61	25	1	24	38	25	79	32		1336
	9	20	24	21	32	19	7	45	34	2	45	33	35	57	31		1334
	10	21	27	18	31	24	6	75	32	2	43	38	41	79	38		1488
	11	29	23	25	30	19	8	72	32	5	52	42	45	96	30		1474
	12	28	26	34	38	25	8	75	36	3	52	43	50	96	25	1	1522
2008 Total		**306**	**328**	**310**	**385**	**303**	**89**	**723**	**353**	**31**	**504**	**483**	**400**	**947**	**258**	**1**	**16700**
Total		**900**	**1048**	**893**	**1166**	**894**	**264**	**2172**	**1047**	**112**	**1478**	**1376**	**766**	**1598**	**258**	**1**	**47352**

APPENDIX G ERROR RATE REPORT

January 2006 - December 2008

SITEID	Last imported	ExportID	Admissions	First admission	Most recent admission	Missing value	Out of range	Invalid value	Logic violation	Incongruity	Check value	Invalid code	Uncoded reason	Total
1	09/02/2010	75	7811	01/11/2002	31/12/2009	3					14			**17**
2	19/01/2010	268	1904	02/01/2003	31/12/2009					1				**1**
3	08/12/2009	128	4755	02/11/2002	29/08/2009	8			3		7		2	**20**
4	11/02/2010	554	3604	05/03/2002	06/01/2010									**0**
5	10/02/2010	284	2188	04/11/2002	05/02/2010	1								**1**
6	13/01/2010	114	6320	30/10/2002	27/12/2009									**0**
8	21/01/2010	204	3423	01/11/2002	16/12/2009	26			1					**27**
9	22/01/2010	349	2794	01/11/2002	28/12/2009	160			1	1	1			**163**
10	11/02/2010	236	7728	02/11/2002	22/12/2009						2			**2**
11	14/01/2010	102	11001	16/01/2003	30/12/2009	1			1		1			**3**
12	04/02/2010	36	7879	01/03/2003	10/01/2010	68	310	1	304	271	5			**959**
13	04/02/2010	145	2499	01/03/2003	31/12/2009	1	3			82			1	**87**
14	15/09/2009	58	3997	01/03/2003	10/09/2009	1			1	2	16			**20**
15	26/01/2010	154	2892	01/03/2003	30/12/2009				1		11			**12**
16	01/02/2010	135	2540	01/03/2003	01/01/2010	6	2			1	3			**12**
17	02/02/2010	136	708	04/03/2003	29/01/2010	3			2		1			**6**
18	15/02/2010	169	4463	01/11/2002	15/12/2009	259	1		5	1	15			**281**
19	08/02/2010	519	1340	01/11/2002	07/02/2010									**0**
20	15/02/2010	217	2213	02/11/2002	10/02/2010					1	2			**3**
21	10/02/2010	104	2414	01/11/2002	02/02/2010						1			**1**
22	10/02/2010	205	2031	02/11/2002	31/12/2009	1	1				5			**7**
23	10/02/2010	512	2769	01/11/2002	04/02/2010	19								**19**
24	09/12/2009	144	2218	01/11/2002	28/10/2009		3		2		7	1		**13**
25	15/02/2010	151	610	01/11/2002	26/10/2009									**0**
26	02/02/2010	167	5103	01/11/2002	31/01/2010									**0**
27	27/01/2010	344	2201	01/11/2002	06/01/2010									**0**
28	12/02/2010	195	328	01/11/2002	07/01/2010									**0**
29	10/02/2010	296	3436	01/11/2002	31/01/2010	2					8			**10**
31	11/02/2010	219	2331	07/12/2004	09/02/2010									**0**
32	14/01/2010	116	1138	13/02/2007	29/11/2009						5			**5**
33	04/02/2010	22	2539	02/04/2007	31/12/2009									**0**
34	10/12/2009	11	420	21/04/2008	01/05/2009	59				3	1			**63**
35	28/01/2010	8	881	18/12/2008	22/01/2010									**0**
			108478			**618**	**320**	**1**	**321**	**363**	**105**	**1**	**3**	**1732**

Last imported: the date on which the data was most recently exported
ExportID: the ID of the most recent export (this increments with each export)
Total admissions: the number of admissions during the time period of this report
First admission: the earliest admission date included in this report
Most recent admission: the latest admission date included in this report
Missing value: value missing when required
Out of range: value outside normal ranges (as specified in the manual)
Invalid value: value not valid (e.g. wrongly enumerated code)
Logic violation: illogical values supplied (e.g. a discharge date before an admission date)
Incongruity: value supplied when not required (e.g. a retrieval team specified when the patient was not retrieved)
Check value: value requiring confirmation
I**nvalid code**: invalid Read Code supplied
Uncoded reason: no Read Code supplied
Total: total number of errors

APPENDIX H POLICY FOR UNITS FALLING OUTSIDE THE CONTROL LIMITS

PICANet policy on PICUs lying outside the control limits of the mortality ratio funnel plots (PICANet November 2005)

Background – mortality ratios and funnel plots

PICANet is required by the Department of Health to report on the mortality outcomes of all children admitted for paediatric intensive care. The PICANet Clinical Advisory Group and Steering Group recommended that the mortality outcomes from each PICU be adjusted for the illness severity of the child at admission using the Paediatric Index of Mortality (PIM).[1] PICANet reports the unadjusted mortality outcome from all PICUs and a mortality ratio based on the ratio of observed mortality in each PICU to the expected mortality calculated using PIM. From 2005, revised coefficients for PIM have been used derived from the recently completed United Kingdom Paediatric Intensive Care Outcome Study.[2] PIM2[3] has been used for risk-adjustment in this report for 2006 only and will be used in future reports as the data become available.

Earlier work published by members of PICANet team[4] has highlighted the problems of attempting to rank PICUs on their annual mortality, whether unadjusted or adjusted. PICANet, however, has also recognised the need to identify units which appear to have outcomes very different to other units. Consequently, PICANet has published a funnel plot of the observed to expected mortality ratio of individual PICUs. The funnel plots are constructed in such a way that there is an approximately 5% chance of a PICU falling outside the control limits, if the distribution of the mortality ratios is random.

The mortality ratio is calculated for each PICU by dividing the expected number of deaths calculated using the published PIM algorithm by the observed number of deaths for each PICU. The mortality ratio is then plotted on the y-axis against the number of admissions to the PICU on the x-axis. 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 PICU falling outside the control limits, then the upper and lower control limits constructed at an individual PICU level must represent not 95% confidence intervals, but 99.9% confidence intervals around a mortality ratio of 1 by number of admissions.[5] This is analogous to increasing the confidence interval (or significance level) when correcting for multiple comparisons in data containing numerous groups.

Data outliers

- A PICU whose mortality ratio lies outside of these control limits will be identified as having returned data that is markedly different to the other PICUs.
- It is important to note that a PICU lying outside the control limits is not sufficient evidence to suggest a PICU has either markedly higher or markedly lower mortality than the other PICUs, it merely indicates that the data they have returned is different to that of other PICUs.
- For those PICUs that do lie outside the control limits, the principals of clinical governance should apply:
- PICANet will raise the issue with the lead clinician of the PICU and the Trust Chief Executive
- PICANet will work with the PICU and the Trust, following the plan below until the issue is resolved.

In these circumstances, PICANet will:

1) Review the data to investigate whether there are data driven reasons for a PICU lying outside of the control limits (it is known that risk-adjustment tools can be unreliable when a PICU has a particularly high proportion of patients at either end of the bounds of the tool.)
2) Review the data quality of the PICU. The quality of the data is the PICUs' responsibility. PICANet will provide feedback from PICU visits and central validation procedures. PICUs will be expected to check the quality of individual data items.
3) Plot the data quality indicators over time to identify whether the anomaly can be traced to a certain data collection period.
4) Plot the mortality ratio over time to identify whether the anomaly can be traced to a certain data collection period.
5) Plot the observed mortality over time to identify whether the anomaly can be traced to a certain data collection period.
6) Plot the expected mortality over time to identify whether the anomaly can be traced to a certain data collection period.
7) Investigate the primary reason for admission to the PICU. If the PICU has a markedly high proportion of some primary reason of admission to the PICU compared with other PICUs this may suggest further refinements to the risk-adjustment method are required.
8) Produce a brief summary report of the above to be forwarded to the lead clinician and Chief Executive at the PICU concerned, together with an invitation to meet in person to review the data with the PICANet team.

Where reference is made to the Chief Executive, it is accepted that they may be represented by their clinical governance lead.

NOTE: Excess mortality in particular sub-groups of patients or associated with other aspects of service provision may be identified using different statistical methods. The process outlined above will be implemented wherever anomalous results/outliers are identified.

References

1) Parry GJ, Gould CR, McCabe CJ, Tarnow-Mordi WO. Annual league tables of hospital mortality in neonatal intensive care: A longitudinal study. BMJ 1998; 316:1931-1935.

2) Brady AR, Harrison D, Black S, Jones S, Rowan K, Pearson G, Ratcliffe J, Parry GJ, on behalf of the UK PICOS Study Group. Assessment and Optimization of Mortality Prediction Tools for Admissions to Pediatric Intensive Care in the United Kingdom. Pediatrics 2006; 117: 733-742.

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

4) Shann F, Pearson G, Slater A, Wilkinson K, Paediatric index of mortality (PIM): a mortality prediction model for children in intensive care. Intensive Care Med 1997; 23:201-207

5) Spiegelhalter D. Funnel plots for institutional comparison. Qual. Saf. Health Care, Dec 2002; 11: 390- 391.

APPENDIX I GLOSSARY

The following abbreviations / terms are used within the text of this report:

A&E	Accident and Emergency Department
AIC	Adult Intensive Care
AICU	Adult Intensive Care Unit
ANZPICS	Australian and New Zealand Paediatric Intensive Care Registry
CAG	Clinical Advisory Group
CATS	Children's Acute Transfer Service
CT3	Clinical Terms 3
ECMO	Extra corporeal membrane oxygenation
ENB	English National Board
GB	Great Britain
GOSH	Great Ormond Street Hospital
HB	Health Board
IC	Information Centre for health and soial care
ICNARC	Intensive Care National Audit & Research Centre
ICP device	Intracranial pressure device
Invasive ventilation	Any method of ventilation delivered via an endotracheal tube, laryngeal mask or tracheotomy tube
IQR	Interquartile Range
IV vasoactive therapy	Intravenous drug therapy to support blood pressure and heart rate
LVAD	Left ventricular assist device to support cardiac function
NPfIT	National Programme for Information Technology
NSPD	National Statistics Postcode Directory
NHS	National Health Service
NHSIA	National Health Service Information Authority
NHSnet	A secure wide area network connecting NHS organisations which enables units to transfer data electronically to PICANet
Non–invasive ventilation	Any method of ventilation NOT given via an endotracheal tube, laryngeal mask or tracheostomy tube
PbR	Payment by Results
PCCEWG	Paediatric Critical Care Expert Working Group
PCCMDS	Paediatric Critical Care Minimum Dataset
PCO	Primary Care Organisations
PIAG	Patient Information Advisory Group
PIC	Paediatric Intensive Care
PICANet	Paediatric Intensive Care Audit Network

PICNET	Paediatric Intensive Care Network
PICS	Paediatric Intensive Care Society
PICS SG	Paediatric Intensive Care Society Study Group
PICU	Paediatric Intensive Care Unit
PIM	Paediatric Index of Mortality
PIM 2	Paediatric Index of Mortality version 2
READ Codes	Clinical terminology used to describe clinical conditions, symptoms and observations
RSV	Respiratory syncytial virus
SCT	See SNOMED CT®
SHO	Senior House Officer
SG	Steering Group
SNOMED CT®	SNOMED CT® is a clinical terminology - the Systematised Nomenclature of Medicine. It is a common computerised language that will be used by all computers in the NHS to facilitate communications between healthcare professionals in clear and unambiguous terms
SMR	Standardised mortality ratio
SHA	Strategic Health Authority
SWACIC	South West Audit of Critically Ill Children
UK PICOS	United Kingdom Paediatric Intensive Care Outcome Study

www.picanet.org.uk

picanet@leeds.ac.uk

University of Leeds

Adrian Ashley
Patricia McKinney
Philip McShane
Roger Parslow
Andrew Shearing
PICANet
Paediatric Epidemiology Group
Centre for Epidemiology & Biostatistics
The Leeds Institute of Genetics, Health and Therapeutics
8.49 Worsley Building
University of Leeds
Leeds LS2 9JT

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

University of Leicester

Elizabeth Draper
Caroline Lamming

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

crl4@leicester.ac.uk
0116 252 5414

Pan Thames Co-ordinator

Krish Thiru

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

Thiruk1@gosh.nhs.uk
Mobile: 077681 45759
020 7762 6713

City University: 0207 040 8370
Thiruk1@city.ac.uk

