HQIP
Healthcare Quality Improvement Partnership

PICANet

Paediatric Intensive Care Audit Network

Annual Report 2019

Tables and Figures

Data collection period
January 2016 – December 2018



UNIVERSITY OF LEICESTER

UNIVERSITY OF LEEDS

GIG CYMRU NHS WALES

HCA Hospitals
World-Class Healthcare

NCA National Office of Clinical Audit

HSC Belfast Health and Social Care Trust

NHS National Services Scotland

Key

A	Addenbrooke's Hospital, Cambridge
C	Noah's Ark Children's Hospital for Wales, Cardiff
D	Royal Manchester Children's Hospital
E1	Great Ormond Street Hospital, London (PICU/NICU)
E2	Great Ormond Street Hospital, London (CICU)
F	Evelina London Children's Hospital
H	King's College Hospital, London
I	Leeds General Infirmary
K2	Freeman Hospital, Newcastle upon Tyne
K3	Great North Children's Hospital, Newcastle upon Tyne
L	Royal Stoke University Hospital
M	Nottingham Children's Hospital, Queens Medical Centre, Nottingham
N	John Radcliffe Hospital, Oxford
O	Royal Brompton Hospital, London
P	Alder Hey Children's Hospital, Liverpool
Q	Sheffield Children's Hospital
R	Southampton Children's Hospital
S	James Cook University Hospital, Middlesbrough
T	St George's Hospital, London
U	St Mary's Hospital, London
V	Birmingham Children's Hospital
W	Bristol Royal Hospital for Children
X1	Glenfield Hospital, Leicester
X2	Leicester Royal Infirmary
Y	Royal Hospital for Sick Children, Edinburgh
Z	The Royal London Hospital
ZA	Royal Hospital for Children, Glasgow
ZB	Royal Belfast Hospital for Sick Children
ZC	Children's Health, Ireland, Crumlin formerly Our Lady's Children's Hospital, Crumlin, Dublin
ZD	Children's Health, Ireland, Temple Street, formerly Temple Street Children's University Hospital, Dublin
ZE	Harley Street Clinic, London
ZF	The Portland Hospital, London
T001	Children's Acute Transport Service (CATS)
T002	Embrace: Yorkshire & Humber Infant & Children's Transport Service
T003	North West and North Wales Paediatric Transport Service (NWTS)
T004	South Thames Retrieval Service (STRS)
T005	KIDS Intensive Care and Decision Support
T008	Southampton Oxford Retrieval Team (SORT)
T010	Northern Ireland Specialist Transport and Retrieval (NISTAR) Paediatric
T020	Scotland Specialist Transport and Retrieval (ScotSTAR)
T022	Irish Paediatric Acute Transport Service (IPATS)
T024	Wales and West Acute Transport for Children (WATCh)
T026	North East Children's Transport and Retrieval Service (NECTAR)
T027	Children's Medical Emergency Transport Service (CoMET)
T028	Heart Link ECMO Children's Service

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USE OF DATA FROM THIS REPORT

All data is downloadable for use by individuals and organisations but please acknowledge the source of this data as indicated at the bottom of the key to organisations at the beginning of this report.

DATA NOTES

The PICANet dataset is dynamic and updated regularly. This means that overall admission figures have changed for 2016 and 2017 since the publication of the last national report. The report relates to events occurring in the three year period January 2016 - December 2018 that were present on the database by the 9th of April 2019. Data cleaning was then undertaken for these events with the final data download on:
- Admissions dataset: 5th June 2019
- Referral and Transport datasets: 30th May 2019.

Admissions that are discharged to theatre and readmitted as a planned admission within 12 hours are considered a continuous admission in the PICANet dataset. Where organisations have submitted these as two separate admissions, these have been merged into one continuous admission. As such admission numbers for 2017 may differ compared to the 2018 Annual Report.

REPORT DETAILS

1) This report covers the three year period January 2016 - December 2018.

2) There are now 32 participating organisations located in England, Wales, Scotland, Northern Ireland, and the Republic of Ireland.

3) Throughout these tables and figures the term Health Organisation refers to governing bodies such as Health Boards, NHS Trusts or non-NHS providers.

4) A key enabling identification of each Health Organisation can be found at the beginning of the report.

5) The main focus of this report are admissions aged 0-15 years, with some separate tables reporting just those 16 years and over, and others all ages.

6) Unless stated otherwise, the proportions in tables throughout the report are row percentages, except in the total column where they are column percentages.

7) The term 'unknown' includes cases where the unit have specifically recorded not known, and also cases where a required value has been left blank.

8) Maps are presented at a national level and at a healthcare area level. All maps present data by country of residence unless otherwise stated.

9) Patient addresses were validated using AFD Postcode Plus address validation software[REF(1)] to obtain a correct postcode. Using the National Statistics Postcode Directory[REF(2)] postcodes were then linked to relevant Health Geography and Nation.

DATA DEFINITIONS

1) Each event is given a primary diagnosis for the whole admission has been categorised into 13 diagnostic groups to enable a simple comparison between organisations. The classification is based on CT3 (The Read Codes). Within these mutually exclusive thirteen

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

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

Some organisations have chosen to code diagnoses in more detail to allow them to use this information locally, others have coded a single diagnosis at a general level. For most reporting purposes, the broad diagnostic groups used in this report are sufficient. Further disaggregation is not always possible due to the variation in coding practice between individual organisations.

2) We have used the following definitions for type of admission:

An admission that is **planned, following surgery**, is one that the unit is aware of before the surgery begins, or one that could have been delayed for 24 hours without risk (e.g. spinal surgery).

An admission that is **unplanned, following surgery**, is one that the unit was not aware of before surgery began. The admission could not have been delayed without risk (e.g. bleeding tonsillectomy).

A **planned, other** admission is any other planned admission that is not an emergency (e.g. liver biopsy) and is not following surgery.

An **unplanned, other** admission is any other admission that the unit was not expecting and is therefore an emergency admission (e.g. status epilepticus) and is not following surgery.

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

3) Type of transport identifies whether the team is a centralised transport service (PIC CTS), PICU team or not:

PICU transport team - identifies that a specialised PICU based team transferred the child.

Centralised transport service (PIC CTS) - identifies that a specialist PIC transport team from a centralised transport service (CTS) transferred the child (organisations identified by prefix T).

Neonatal Transport Team - identifies that a specialist neonatal transport team transferred the child.

Other specialist team - identifies that another specialist team (not a centralised transport service (PIC) or neonatal transport team), transported the child. This could be a trauma transport team transferring the child.

Non-specialist team identifies that a non-specialist team transported the child to your unit.

Other specialist team - identifies that another specialist team (not a centralised transport service (PIC) or neonatal transport team), transported the child. This could be a trauma transport team transferring the child.

Non-specialist team identifies that a non-specialist team transported the child to your unit.

NOTES FOR THIS REPORT

1) In January 2018, organisation D began collecting data on level 2 intermediate critical care (also known as high dependency) in addition to level 3 intensive care data.

REFERENCES

REF(1) AFD Refiner Q1/ 18 AFD Software Ltd, Mountain View Innovation Centre, Jurby Road, Lezayre, Ramsey, ISLE OF MAN, IM7 2DZ

REF(2) Office for National Statistics (ONS). ONS Postcode Directory (Feb 2019): https://geoportal.statistics.gov.uk/datasets/ons-postcode-directory-february-2019 [Last accessed Sept 2019]

REF(3) Australian and New Zealand Intensive Care Society (ANZICS). 2017 Paediatric Activity Report. https://www.anzics.com.au/wp-content/uploads/2019/05/Australian-and-New-Zealand-Paediatric-Intensive-Care-Registry-Activity-Report-2017.pdf [Last accessed Sept 2019]

REF(4) Lahn Straney, Archie Clements, Roger C. Parslow, Gale Pearson, Frank Shann, Jan Alexander, and Anthony Slater. 2013. "Paediatric Index of Mortality 3: An Updated Model for Predicting Mortality in Pediatric Intensive Care". Pediatric Critical Care Medicine. 14 (7): 673-681.

REF(5) Schoenfeld DA, Bernard GR, ARDS Network. Statistical evaluation of ventilator-free days as an efficacy measure in clinical trials of treatments for acute respiratory distress syndrome. Critical Care Medicine 2002; 30(8) 1772-1777

REF(6) Mid-2017 Population Estimates for England: https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/clinicalcommissioninggroupmidyearpopulationestimates [Last accessed Sept 2019]

REF(7) Mid-2017 Population Estimates for Wales : https://statswales.gov.wales/Catalogue/Population-and-Migration/Population/Estimates/Local-Health-Boards/populationestimates-by-welshhealthboard-year [Last accessed Sept 2019]

REF(8) Mid-2018 Population Estimates for Scotland: https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/population/population-estimates/mid-year-population-estimates/mid-2018 [Last accessed Sept 2019]

REF(9) Mid-2017 Population Estimates for Northern Ireland: https://www.nisra.gov.uk/publications/2017-mid-year-population-estimates-northern-ireland-new-format-tables [Last accessed Sept 2019]

REF(10) 2016 Census population estimates, Republic of Ireland: https://www.cso.ie/px/pxeirestat/Database/eirestat/Summary%20Results%20Part%201/Summary%20Results%20Part%201_statbank.asp?SP=Summary%20Results%20Part%201&Planguage=0 [Last accessed Sept 2019]

REF(11) The Casemix Service. HRG4 2013/14 Reference Costs Payment Grouper. Copyright © 2014, The Health and Social Care Information Centre.

REF(12) PICANet Outlier Policy: https://www.picanet.org.uk/wp-content/uploads/sites/25/2019/05/PICANet_Outlier_Policy_v1.0_20190503.pdf [Last accessed Sept 2019]

REF(13) Intensive Care National Audit & Research Centre (ICNARC) https://www.icnarc.org/ [Last accessed Sept 2019]

REF(14) Office for National Statistics (ONS). Deaths registered in England and Wales release. https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/deathsregisteredinenglandandwalesseriesdrreferencetables [Last accessed Sept 2019]

REF(15) National Records of Scotland. Deaths time series data. https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/deaths/deaths-time-series-data [Last accessed Sept 2019]

REF(16) Northern Ireland Statistics and Research Agency (NISRA). Death statistics. https://www.nisra.gov.uk/publications/death-statistics [Last accessed Sept 2019]

REF(17) Northern Ireland Statistics and Research Agency (NISRA). https://www.nisra.gov.uk/ [Last accessed Sept 2019]

REF(18) Central Statistics Office (CSO). https://www.cso.ie/en/ [Last accessed Sept 2019]

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REFERENCE MAP: MAP SHOWING HEALTHCARE AREAS, UK

This maps shows the Health Geography of the UK and the Republic of Ireland. For the Republic of Ireland, the only available geographical breakdown is by county region.
Data are presented by healthcare area in: Figure 31b Figure 61b

England

Code	CCG
E001	NHS Airedale, Wharfedale and Craven CCG
E002	NHS Ashford CCG
E004	NHS Barking and Dagenham CCG
E005	NHS Barnet CCG
E006	NHS Barnsley CCG
E007	NHS Basildon and Brentwood CCG
E008	NHS Bassetlaw CCG
E009	NHS Bath and North East Somerset CCG
E010	NHS Bedfordshire CCG
E011	NHS Bexley CCG
E014	NHS Blackburn with Darwen CCG
E015	NHS Blackpool CCG
E016	NHS Bolton CCG
E018	NHS Bradford City CCG
E019	NHS Bradford Districts CCG
E020	NHS Brent CCG
E021	NHS Brighton and Hove CCG
E023	NHS Bromley CCG
E024	NHS Bury CCG
E025	NHS Calderdale CCG
E026	NHS Cambridgeshire and Peterborough CCG
E027	NHS Camden CCG
E028	NHS Cannock Chase CCG
E029	NHS Canterbury and Coastal CCG
E030	NHS Castle Point and Rochford CCG
E031	NHS Central London (Westminster) CCG
E034	NHS Chorley and South Ribble CCG
E035	NHS City and Hackney CCG
E037	NHS Corby CCG
E038	NHS Coventry and Rugby CCG
E039	NHS Crawley CCG
E040	NHS Croydon CCG
E042	NHS Darlington CCG
E043	NHS Dartford, Gravesham and Swanley CCG
E044	NHS Doncaster CCG
E045	NHS Dorset CCG
E046	NHS Dudley CCG
E047	NHS Durham Dales, Easington and Sedgefield CCG
E048	NHS Ealing CCG
E049	NHS East and North Hertfordshire CCG
E050	NHS East Lancashire CCG
E051	NHS East Leicestershire and Rutland CCG
E052	NHS East Riding of Yorkshire CCG
E053	NHS East Staffordshire CCG
E054	NHS East Surrey CCG
E055	NHS Eastbourne, Hailsham and Seaford CCG
E056	NHS Eastern Cheshire CCG
E057	NHS Enfield CCG
E059	NHS Fareham and Gosport CCG
E062	NHS Gloucestershire CCG
E063	NHS Great Yarmouth and Waveney CCG
E064	NHS Greater Huddersfield CCG
E066	NHS Greenwich CCG
E068	NHS Halton CCG
E069	NHS Hambleton, Richmondshire and Whitby CCG
E070	NHS Hammersmith and Fulham CCG
E072	NHS Haringey CCG
E073	NHS Harrogate and Rural District CCG
E074	NHS Harrow CCG
E075	NHS Hartlepool and Stockton-on-Tees CCG
E076	NHS Hastings and Rother CCG
E077	NHS Havering CCG
E078	NHS Herefordshire CCG
E079	NHS Herts Valleys CCG
E080	NHS Heywood, Middleton and Rochdale CCG
E081	NHS High Weald Lewes Havens CCG
E082	NHS Hillingdon CCG
E083	NHS Horsham and Mid Sussex CCG
E084	NHS Hounslow CCG
E085	NHS Hull CCG
E086	NHS Ipswich and East Suffolk CCG
E087	NHS Isle of Wight CCG
E088	NHS Islington CCG
E089	NHS Kernow CCG
E090	NHS Kingston CCG
E091	NHS Knowsley CCG
E092	NHS Lambeth CCG
E097	NHS Leicester City CCG
E098	NHS Lewisham CCG
E099	NHS Lincolnshire East CCG
E100	NHS Lincolnshire West CCG
E101	NHS Liverpool CCG
E102	NHS Luton CCG
E103	NHS Mansfield and Ashfield CCG
E104	NHS Medway CCG
E105	NHS Merton CCG
E106	NHS Mid Essex CCG
E107	NHS Milton Keynes CCG
E108	NHS Nene CCG
E109	NHS Newark and Sherwood CCG
E113	NHS Newham CCG
E116	NHS North Durham CCG
E117	NHS North East Essex CCG
E118	NHS North East Hampshire and Farnham CCG
E119	NHS North East Lincolnshire CCG
E120	NHS North Hampshire CCG
E121	NHS North Kirklees CCG
E122	NHS North Lincolnshire CCG
E124	NHS North Norfolk CCG
E126	NHS North Staffordshire CCG
E127	NHS North Tyneside CCG
E128	NHS North West Surrey CCG
E130	NHS Northumberland CCG
E132	NHS Nottingham City CCG
E133	NHS Nottingham North and East CCG
E134	NHS Nottingham West CCG
E135	NHS Oldham CCG
E136	NHS Oxfordshire CCG
E137	NHS Portsmouth CCG
E138	NHS Redbridge CCG
E139	NHS Redditch and Bromsgrove CCG
E140	NHS Richmond CCG
E141	NHS Rotherham CCG
E142	NHS Rushcliffe CCG
E143	NHS Salford CCG
E144	NHS Sandwell and West Birmingham CCG
E145	NHS Scarborough and Ryedale CCG
E146	NHS Sheffield CCG
E147	NHS Shropshire CCG
E150	NHS Somerset CCG
E151	NHS South Cheshire CCG
E153	NHS South East Staffordshire and Seisdon Peninsula CCG
E154	NHS South Eastern Hampshire CCG
E156	NHS South Kent Coast CCG
E157	NHS South Lincolnshire CCG
E161	NHS South Sefton CCG
E162	NHS South Tees CCG
E163	NHS South Tyneside CCG
E164	NHS South Warwickshire CCG
E165	NHS South West Lincolnshire CCG
E166	NHS South Worcestershire CCG
E167	NHS Southampton CCG
E168	NHS Southend CCG
E170	NHS Southport and Formby CCG
E171	NHS Southwark CCG
E172	NHS St Helens CCG
E173	NHS Stafford and Surrounds CCG
E174	NHS Stockport CCG
E175	NHS Stoke on Trent CCG
E176	NHS Sunderland CCG
E177	NHS Surrey Downs CCG
E178	NHS Surrey Heath CCG
E179	NHS Sutton CCG
E180	NHS Swale CCG
E181	NHS Swindon CCG
E182	NHS Tameside and Glossop CCG
E183	NHS Telford and Wrekin CCG
E184	NHS Thanet CCG
E185	NHS Thurrock CCG
E186	NHS Tower Hamlets CCG
E187	NHS Trafford CCG
E188	NHS Vale of York CCG
E189	NHS Vale Royal CCG
E190	NHS Wakefield CCG
E191	NHS Walsall CCG
E192	NHS Waltham Forest CCG
E193	NHS Wandsworth CCG
E194	NHS Warrington CCG
E195	NHS Warwickshire North CCG
E196	NHS West Cheshire CCG
E197	NHS West Essex CCG
E198	NHS West Hampshire CCG
E199	NHS West Kent CCG
E200	NHS West Lancashire CCG
E201	NHS West Leicestershire CCG
E202	NHS West London CCG
E203	NHS West Norfolk CCG
E204	NHS West Suffolk CCG
E205	NHS Wigan Borough CCG
E206	NHS Wiltshire CCG
E208	NHS Wirral CCG
E210	NHS Wolverhampton CCG
E211	NHS Wyre Forest CCG
E212	NHS Newcastle Gateshead CCG
E213	NHS Coastal West Sussex CCG
E214	NHS Guildford and Waverley CCG
E215	NHS North Cumbria CCG
E217	NHS Manchester CCG
E218	NHS Norwich CCG
E219	NHS South Norfolk CCG
E220	NHS Birmingham and Solihull CCG
E221	NHS Berkshire West CCG
E222	NHS Bristol, North Somerset and South Gloucestershire CCG
E223	NHS Buckinghamshire CCG
E224	NHS East Berkshire CCG
E225	NHS Leeds CCG
E226	NHS Fylde and Wyre CCG
E227	NHS Greater Preston CCG
E228	NHS Morecambe Bay CCG
E229	NHS Derby and Derbyshire CCG
E230	NHS Devon CCG

Scotalnd

Code	Health Board
S15	Ayrshire and Arran
S16	Borders
S17	Dumfries and Galloway
S19	Forth Valley
S20	Grampian
S22	Highland
S24	Lothian
S25	Orkney
S26	Shetland
S28	Western Isles
S29	Fife
S30	Tayside
S31	Greater Glasgow and Clyde
S32	Lanarkshire

Republic of Ireland

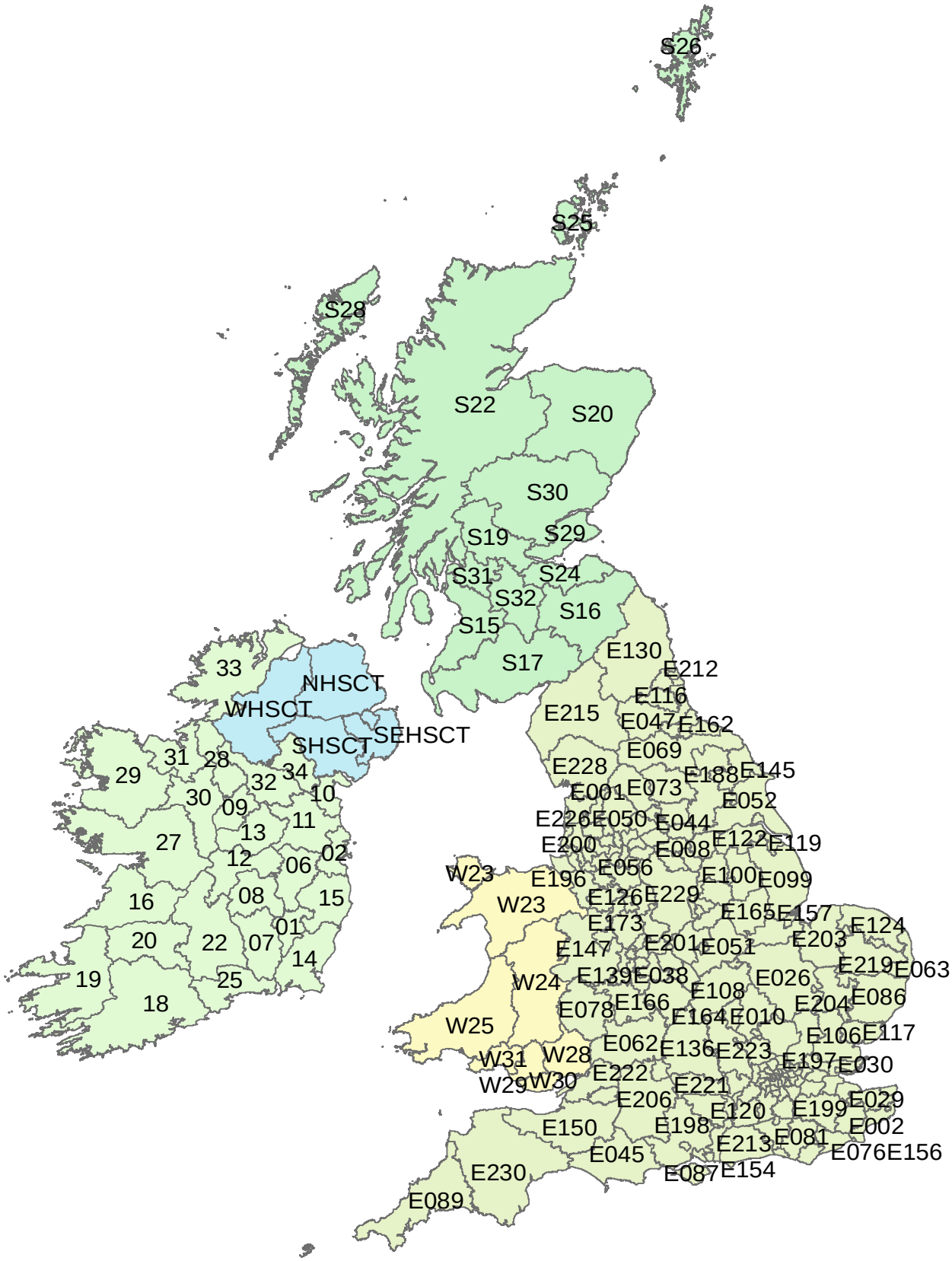
Code	County
01	Carlow County
02	Dublin City
06	Kildare County
07	Kilkenny County
08	Laois County
09	Longford County
10	Louth County
11	Meath County
12	Offaly County
13	Westmeath County
14	Wexford County
15	Wicklow County
16	Clare County
18	Cork City and County
19	Kerry County
20	Limerick City and County
22	Tipperary
24	Waterford City and County
27	Galway City and County
28	Leitrim County
29	Mayo County
30	Roscommon County
31	Sligo County
32	Cavan County
33	Donegal County
34	Monaghan County

Wales

Code	Health Board
W23	Betsi Cadwaladr University
W24	Powys Teaching
W25	Hywel Dda University
W28	Aneurin Bevan University
W29	Cardiff and Vale University
W30	Cwm Taf Morgannwg University
W31	Swansea Bay University

Northern Ireland

Code	HSCT
BHSCT	Belfast
NHSCT	Northern
WHSCT	Western
SHSCT	Southern
SEHSCT	South Eastern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ADMISSION DATA

In this report we present data on admissions to PICU during the reporting period. Information is broken down by several factors including age, sex, primary diagnostic group and admission type. Data are presented by year of admission.

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INDEX TO ADMISSION DATA

TABLE 1 ADMISSIONS BY AGE AND SEX, 2016 - 2018

Table 1 presents the number of children (<16 years) admitted to PICU between 2016 and 2018, by sex and year of age.

Rows in this table show the number of male and female children, and the total number of children admitted to PICU in the reporting period, for each year of age.

The percentages in the "Male" and "Female" columns show row percentages, i.e. what proportion of admissions were for male children and what proportion were for female children, for each year of age. The percentages in the 'Total' column show column percentages, i.e. what proportion of all admissions were accounted for by children of each year of age.

Age Years	SEX							
	Male		Female		Ambiguous*		Total	
	n	(%)	n	(%)	n	(%)	n	(%)
0	15,538	(58.2)	11,152	(41.8)			**26,690**	**(44.3)**
1	3,542	(54.3)	2,978	(45.7)			**6,520**	**(10.8)**
2	2,100	(56.8)	1,597	(43.2)			**3,697**	**(6.1)**
3	1,785	(58.4)	1,273	(41.6)			**3,058**	**(5.1)**
4	1,450	(58.6)	1,025	(41.4)			**2,475**	**(4.1)**
5	1,167	(55.9)	922	(44.1)			**2,089**	**(3.5)**
6	921	(54.1)	781	(45.9)			**1,702**	**(2.8)**
7	861	(55.4)	693	(44.6)			**1,554**	**(2.6)**
8	817	(57.9)	595	(42.1)			**1,412**	**(2.3)**
9	740	(57.1)	555	(42.9)			**1,295**	**(2.1)**
10	704	(58.0)	510	(42.0)			**1,214**	**(2.0)**
11	787	(54.6)	654	(45.4)			**1,441**	**(2.4)**
12	865	(51.5)	814	(48.5)			**1,679**	**(2.8)**
13	866	(49.9)	870	(50.1)			**1,736**	**(2.9)**
14	992	(53.6)	859	(46.4)			**1,851**	**(3.1)**
15	979	(53.3)	857	(46.7)			**1,836**	**(3.0)**
Grand Total	**34,114**	**(56.6)**	**26,135**	**(43.4)**	**11**	**(<0.1)**	**60260‡**	**(100.0)**

Notes

1) * Admissions where the child is of ambiguous sex are not presented by individual year of age due to statistical disclosure control

2) Admissions where the child's age is unknown are excluded from this table (n=3)

3) ‡ The grand total includes admissions for children of ambiguous sex; row totals exclude admissions for children of ambiguous sex and therefore the sum of total admissions for each year of age may not equal the grand total

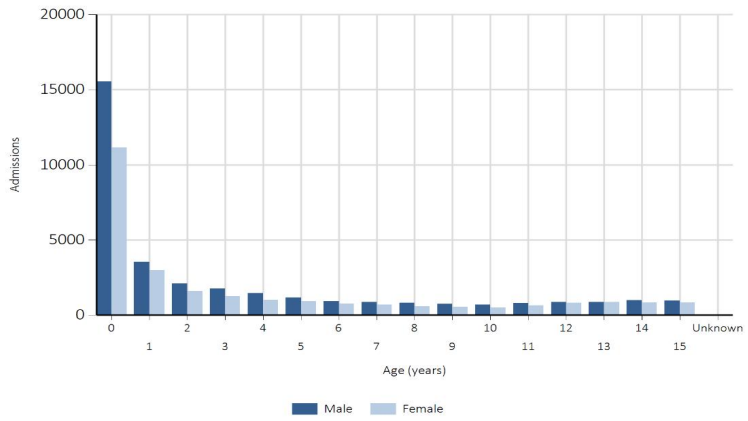
4) Row totals and percentages excluded admissions for children of ambiguous sex with the exception of the 'Grand Total' row, where percentages are calculated using the grand total as the denominator

5) Percentages in the 'Total' column are calculated by excluding admissions for children of ambiguous sex from the numerator but including them in the denominator (which is the grand total), this means the percentages shown in the 'Total' column may not add to exactly 100%

FIGURE 1 ADMISSIONS BY AGE AND SEX, 2016 - 2018

Figure 1 shows the number of admissions for children aged under 16 years, by gender for each year of age in a bar chart.

The darker bars show the number of admissions for males and the lighter bars shows the number of admissions for female. The taller the bar, the more admissions are represented.



Notes

1) Admissions where the child is of ambiguous gender are excluded from this figure (n=11)

TABLE 2 ADMISSIONS BY AGE (<1 YEAR) AND SEX, 2016 - 2018

Table 2 presents the number of children under one year of age admitted to PICU between 2016 and 2018, by sex and age in months.

Rows in this table show the number of male and female children, and the total number of children admitted to PICU, in the reporting period, for each month of age.

The percentages in the "Male" and "Female" columns show row percentages, i.e. what proportion of admissions were for male children and what proportion were for female children, for each month of age. The percentages in the 'Total' column show column percentages, i.e. what proportion of all admissions were accounted for by children of each month of age.

Age Months	SEX							
	Male		Female		Ambiguous*		Total	
	n	(%)	n	(%)	n	(%)	n	(%)
0	4,906	(59.8)	3,298	(40.2)			**8,204**	**(30.7)**
1	2,211	(59.0)	1,536	(41.0)			**3,747**	**(14.0)**
2	1,537	(59.5)	1,047	(40.5)			**2,584**	**(9.7)**
3	1,236	(57.5)	914	(42.5)			**2,150**	**(8.1)**
4	1,071	(56.5)	824	(43.5)			**1,895**	**(7.1)**
5	907	(55.0)	742	(45.0)			**1,649**	**(6.2)**
6	807	(56.7)	617	(43.3)			**1,424**	**(5.3)**
7	673	(56.8)	512	(43.2)			**1,185**	**(4.4)**
8	612	(57.2)	457	(42.8)			**1,069**	**(4.0)**
9	534	(55.3)	431	(44.7)			**965**	**(3.6)**
10	556	(56.5)	428	(43.5)			**984**	**(3.7)**
11	488	(58.5)	346	(41.5)			**834**	**(3.1)**
Grand Total	**15,538**	**(58.2)**	**11,152**	**(41.8)**	**7**	**(<0.1)**	**26,697**	**(100.0)**

Notes

1) * Admissions where the child is of ambiguous sex are not presented by individual month of age due to statistical disclosure control

2) Admissions where the child's age is unknown are excluded from this table (n=3)

3) The grand total includes admissions for children of ambiguous sex

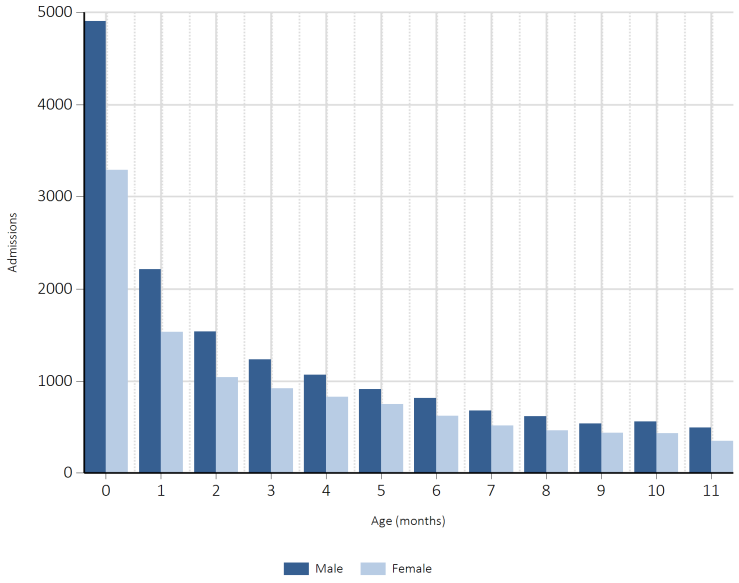
4) Row totals and percentages excluded admissions for children of ambiguous sex with the exception of the 'Grand Total' row, where percentages are calculated using the grand total as the denominator

5) Percentages in the 'Total' column are calculated by excluding admissions for children of ambiguous sex from the numerator but including them in the denominator (which is the grand total), this means the percentages shown in the 'Total' column may not add to exactly 100%

FIGURE 2 ADMISSIONS BY AGE (<1 YEAR) AND SEX, 2016 - 2018

Figure 2 shows the number of admissions for children under one year old, by gender for each month of age in a bar chart.

The darker bars show the number of admissions for males and the lighter bars shows the number of admissions for female. The taller the bar, the more admissions are represented.



Notes

1) Admissions where the child's age is unknown are excluded from this figure (n=3)

2) Admissions where the child is of ambiguous gender are excluded from this figure (n=7)

TABLE 3 ADMISSIONS BY AGE, BY HEALTH ORGANISATION, 2016 - 2018

Table 3 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by age group in years and organisation.

Rows in this table show the number of children admitted to each organisation, in each of the age groups, in each year. The final column shows the total number of admissions to an organisation in a given year.

The percentages in the white columns show row percentages, i.e. what proportion of all the admissions, to a given organisation for a given year, were in each age category. The percentages in the 'Total' column show column percentages, i.e. what proportion of all the admissions for a specific year, were accounted for by children admitted to a given organisation.

Year / Organisation	AGE GROUP (YEARS) <1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016										
A	162	(25.0)	212	(32.7)	142	(21.9)	133	(20.5)	**649**	**(3.2)**
C	196	(37.0)	151	(28.5)	96	(18.1)	87	(16.4)	**530**	**(2.6)**
D	257	(35.1)	217	(29.6)	138	(18.9)	120	(16.4)	**732**	**(3.6)**
E1	533	(53.8)	230	(23.2)	125	(12.6)	103	(10.4)	**991**	**(4.9)**
E2	489	(57.2)	209	(24.4)	80	(9.4)	77	(9.0)	**855**	**(4.2)**
F	591	(51.2)	290	(25.1)	146	(12.7)	127	(11.0)	**1,154**	**(5.7)**
H	195	(33.9)	192	(33.3)	113	(19.6)	76	(13.2)	**576**	**(2.8)**
I	356	(47.5)	191	(25.5)	104	(13.9)	98	(13.1)	**749**	**(3.7)**
K2	169	(54.2)	77	(24.7)	39	(12.5)	27	(8.7)	**312**	**(1.5)**
K3	281	(45.0)	164	(26.3)	84	(13.5)	95	(15.2)	**624**	**(3.1)**
L	117	(43.5)	67	(24.9)	44	(16.4)	41	(15.2)	**269**	**(1.3)**
M	235	(37.1)	184	(29.0)	92	(14.5)	123	(19.4)	**634**	**(3.1)**
N	221	(26.2)	319	(37.8)	158	(18.7)	147	(17.4)	**845**	**(4.2)**
O	350	(59.9)	116	(19.9)	59	(10.1)	59	(10.1)	**584**	**(2.9)**
P	607	(64.4)	176	(18.7)	86	(9.1)	73	(7.7)	**942**	**(4.6)**
Q	260	(36.1)	194	(26.9)	142	(19.7)	125	(17.3)	**721**	**(3.6)**
R	493	(56.0)	191	(21.7)	108	(12.3)	89	(10.1)	**881**	**(4.3)**
S	54	(33.1)	46	(28.2)	24	(14.7)	39	(23.9)	**163**	**(0.8)**
T	150	(25.0)	213	(35.6)	118	(19.7)	118	(19.7)	**599**	**(3.0)**
U	112	(34.0)	109	(33.1)	60	(18.2)	48	(14.6)	**329**	**(1.6)**
V	715	(50.7)	341	(24.2)	204	(14.5)	149	(10.6)	**1,409**	**(7.0)**
W	340	(48.8)	178	(25.5)	109	(15.6)	70	(10.0)	**697**	**(3.4)**
X1	300	(66.1)	67	(14.8)	44	(9.7)	43	(9.5)	**454**	**(2.2)**
X2	189	(47.5)	109	(27.4)	62	(15.6)	38	(9.5)	**398**	**(2.0)**
Y	171	(33.2)	179	(34.8)	80	(15.5)	85	(16.5)	**515**	**(2.5)**
Z	127	(32.5)	129	(33.0)	69	(17.6)	66	(16.9)	**391**	**(1.9)**
ZA	376	(38.7)	313	(32.2)	145	(14.9)	137	(14.1)	**971**	**(4.8)**
ZB	259	(46.5)	145	(26.0)	93	(16.7)	60	(10.8)	**557**	**(2.7)**
ZC	602	(58.4)	208	(20.2)	117	(11.3)	104	(10.1)	**1,031**	**(5.1)**
ZD	184	(49.7)	101	(27.3)	51	(13.8)	34	(9.2)	**370**	**(1.8)**
ZE	67	(26.9)	58	(23.3)	51	(20.5)	73	(29.3)	**249**	**(1.2)**
ZF	21	(24.1)	27	(31.0)	22	(25.3)	17	(19.5)	**87**	**(0.4)**
Total	**9,179**	**(45.3)**	**5,403**	**(26.7)**	**3,005**	**(14.8)**	**2,681**	**(13.2)**	**20,268**	**(100.0)**
2017										
A	184	(29.9)	202	(32.8)	105	(17.1)	124	(20.2)	**615**	**(3.1)**
C	179	(36.3)	137	(27.8)	94	(19.1)	83	(16.8)	**493**	**(2.5)**
D	216	(37.3)	161	(27.8)	96	(16.6)	106	(18.3)	**579**	**(2.9)**
E1	513	(53.9)	221	(23.2)	120	(12.6)	97	(10.2)	**951**	**(4.8)**
E2	439	(57.5)	190	(24.9)	71	(9.3)	64	(8.4)	**764**	**(3.8)**
F	611	(56.3)	242	(22.3)	122	(11.2)	110	(10.1)	**1,085**	**(5.5)**
H	135	(27.2)	178	(35.8)	92	(18.5)	92	(18.5)	**497**	**(2.5)**
I	348	(48.9)	188	(26.4)	88	(12.4)	87	(12.2)	**711**	**(3.6)**
K2	141	(48.3)	60	(20.5)	56	(19.2)	35	(12.0)	**292**	**(1.5)**
K3	303	(46.9)	157	(24.3)	89	(13.8)	97	(15.0)	**646**	**(3.3)**
L	136	(47.1)	82	(28.4)	33	(11.4)	38	(13.1)	**289**	**(1.5)**
M	208	(33.3)	197	(31.5)	92	(14.7)	128	(20.5)	**625**	**(3.1)**
N	182	(24.8)	252	(34.4)	136	(18.6)	163	(22.2)	**733**	**(3.7)**
O	348	(59.3)	121	(20.6)	63	(10.7)	55	(9.4)	**587**	**(3.0)**
P	556	(56.4)	227	(23.0)	114	(11.6)	88	(8.9)	**985**	**(5.0)**
Q	256	(35.0)	217	(29.6)	143	(19.5)	116	(15.8)	**732**	**(3.7)**
R	469	(51.2)	237	(25.9)	125	(13.6)	85	(9.3)	**916**	**(4.6)**
S	99	(33.7)	87	(29.6)	46	(15.6)	62	(21.1)	**294**	**(1.5)**
T	189	(30.9)	170	(27.8)	122	(20.0)	130	(21.3)	**611**	**(3.1)**
U	111	(34.8)	78	(24.5)	70	(21.9)	60	(18.8)	**319**	**(1.6)**
V	691	(51.1)	278	(20.5)	225	(16.6)	159	(11.8)	**1,353**	**(6.8)**
W	390	(53.9)	167	(23.1)	95	(13.1)	72	(9.9)	**724**	**(3.6)**
X1	244	(62.9)	66	(17.0)	49	(12.6)	29	(7.5)	**388**	**(2.0)**
X2	186	(50.1)	89	(24.0)	73	(19.7)	23	(6.2)	**371**	**(1.9)**
Y	183	(36.8)	157	(31.6)	84	(16.9)	73	(14.7)	**497**	**(2.5)**
Z	124	(30.5)	129	(31.7)	74	(18.2)	80	(19.7)	**407**	**(2.1)**
ZA	362	(40.4)	230	(25.7)	167	(18.6)	137	(15.3)	**896**	**(4.5)**
ZB	199	(38.1)	151	(28.9)	92	(17.6)	80	(15.3)	**522**	**(2.6)**
ZC	580	(56.5)	201	(19.6)	121	(11.8)	124	(12.1)	**1,026**	**(5.2)**
ZD	168	(38.4)	111	(25.4)	95	(21.7)	63	(14.4)	**437**	**(2.2)**
ZE	47	(10.7)	53	(12.1)	134	(30.6)	204	(46.6)	**438**	**(2.2)**
ZF	7	(10.6)	28	(42.4)	20	(30.3)	11	(16.7)	**66**	**(0.3)**
Total	**8,804**	**(44.4)**	**5,064**	**(25.5)**	**3,106**	**(15.6)**	**2,875**	**(14.5)**	**19,849**	**(100.0)**
2018										
A	153	(28.0)	163	(29.9)	112	(20.5)	118	(21.6)	**546**	**(2.7)**
C	165	(32.4)	145	(28.4)	103	(20.2)	97	(19.0)	**510**	**(2.5)**
D	323	(28.5)	337	(29.7)	216	(19.1)	257	(22.7)	**1,133**	**(5.6)**
E1	564	(52.7)	226	(21.1)	159	(14.8)	122	(11.4)	**1,071**	**(5.3)**
E2	401	(51.7)	209	(26.9)	92	(11.9)	74	(9.5)	**776**	**(3.9)**
F	577	(52.6)	269	(24.5)	139	(12.7)	112	(10.2)	**1,097**	**(5.4)**
H	154	(28.4)	203	(37.5)	107	(19.7)	78	(14.4)	**542**	**(2.7)**
I	334	(49.5)	178	(26.4)	91	(13.5)	72	(10.7)	**675**	**(3.4)**
K2	167	(51.5)	83	(25.6)	47	(14.5)	27	(8.3)	**324**	**(1.6)**
K3	301	(47.1)	150	(23.5)	103	(16.1)	85	(13.3)	**639**	**(3.2)**
L	124	(44.8)	69	(24.9)	28	(10.1)	56	(20.2)	**277**	**(1.4)**
M	214	(33.8)	181	(28.5)	108	(17.0)	131	(20.7)	**634**	**(3.1)**
N	221	(27.5)	259	(32.3)	127	(15.8)	196	(24.4)	**803**	**(4.0)**
O	320	(56.2)	100	(17.6)	75	(13.2)	74	(13.0)	**569**	**(2.8)**
P	600	(63.1)	186	(19.6)	100	(10.5)	65	(6.8)	**951**	**(4.7)**
Q	275	(37.0)	229	(30.8)	132	(17.7)	108	(14.5)	**744**	**(3.7)**
R	443	(50.5)	214	(24.4)	136	(15.5)	84	(9.6)	**877**	**(4.4)**
S	110	(34.6)	100	(31.4)	45	(14.2)	63	(19.8)	**318**	**(1.6)**
T	170	(30.3)	157	(28.0)	115	(20.5)	119	(21.2)	**561**	**(2.8)**
U	129	(40.2)	105	(32.7)	46	(14.3)	41	(12.8)	**321**	**(1.6)**
V	607	(50.1)	273	(22.5)	195	(16.1)	136	(11.2)	**1,211**	**(6.0)**
W	339	(47.3)	191	(26.7)	91	(12.7)	95	(13.3)	**716**	**(3.6)**
X1	289	(66.0)	77	(17.6)	38	(8.7)	34	(7.8)	**438**	**(2.2)**
X2	163	(41.8)	110	(28.2)	60	(15.4)	57	(14.6)	**390**	**(1.9)**
Y	148	(29.6)	142	(28.4)	114	(22.8)	96	(19.2)	**500**	**(2.5)**
Z	119	(30.1)	131	(33.1)	67	(16.9)	79	(19.9)	**396**	**(2.0)**
ZA	352	(41.3)	243	(28.5)	152	(17.8)	106	(12.4)	**853**	**(4.2)**
ZB	180	(35.9)	152	(30.3)	85	(17.0)	84	(16.8)	**501**	**(2.5)**
ZC	565	(55.2)	197	(19.3)	120	(11.7)	141	(13.8)	**1,023**	**(5.1)**
ZD	154	(38.0)	115	(28.4)	82	(20.2)	54	(13.3)	**405**	**(2.0)**
ZE	32	(12.8)	65	(26.0)	51	(20.4)	102	(40.8)	**250**	**(1.2)**
ZF	21	(22.8)	26	(28.3)	21	(22.8)	24	(26.1)	**92**	**(0.5)**
Total	**8,714**	**(43.3)**	**5,285**	**(26.2)**	**3,157**	**(15.7)**	**2,987**	**(14.8)**	**20,143**	**(100.0)**
Grand Total	**26,697**	**(44.3)**	**15,752**	**(26.1)**	**9,268**	**(15.4)**	**8,543**	**(14.2)**	**60,260**	**(100.0)**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

TABLE 4 ADMISSIONS BY AGE (<1 YEAR) BY HEALTH ORGANISATION, 2016 - 2018

Table 4 presents the number of children under 1 year old admitted to PICU, for each year of the reporting period, by age group in months and organisation.
Rows in this table show the number of children less than one year old, admitted to each organisation in each of the age groups, in each year of the reporting period. The final column shows the total number of admissions for children

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, for children less than one year old to a given organisation for a given year, were for children in each age category. The percentages in the 'Total' column show column percentages, i.e. what proportion of all admissions, for children aged less than one year, for a given year, were admitted to each organisation.

Year / Organisation	AGE GROUP (MONTHS) <1		1-2		3-5		6-11		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016										
A	23	(14.2)	46	(28.4)	29	(17.9)	64	(39.5)	**162**	**(1.8)**
C	34	(17.3)	56	(28.6)	50	(25.5)	56	(28.6)	**196**	**(2.1)**
D	49	(19.1)	73	(28.4)	57	(22.2)	78	(30.4)	**257**	**(2.8)**
E1	215	(40.3)	122	(22.9)	83	(15.6)	113	(21.2)	**533**	**(5.8)**
E2	136	(27.8)	90	(18.4)	130	(26.6)	133	(27.2)	**489**	**(5.3)**
F	166	(28.1)	129	(21.8)	166	(28.1)	130	(22.0)	**591**	**(6.4)**
H	40	(20.5)	47	(24.1)	36	(18.5)	72	(36.9)	**195**	**(2.1)**
I	88	(24.7)	71	(19.9)	101	(28.4)	96	(27.0)	**356**	**(3.9)**
K2	65	(38.5)	29	(17.2)	39	(23.1)	36	(21.3)	**169**	**(1.8)**
K3	108	(38.4)	76	(27.0)	42	(14.9)	55	(19.6)	**281**	**(3.1)**
L	26	(22.2)	41	(35.0)	22	(18.8)	28	(23.9)	**117**	**(1.3)**
M	45	(19.1)	66	(28.1)	51	(21.7)	73	(31.1)	**235**	**(2.6)**
N	44	(19.9)	61	(27.6)	47	(21.3)	69	(31.2)	**221**	**(2.4)**
O	144	(41.1)	66	(18.9)	74	(21.1)	66	(18.9)	**350**	**(3.8)**
P	238	(39.2)	128	(21.1)	134	(22.1)	107	(17.6)	**607**	**(6.6)**
Q	57	(21.9)	81	(31.2)	62	(23.8)	60	(23.1)	**260**	**(2.8)**
R	163	(33.1)	115	(23.3)	116	(23.5)	99	(20.1)	**493**	**(5.4)**
S	10	(18.5)	21	(38.9)	9	(16.7)	14	(25.9)	**54**	**(0.6)**
T	28	(18.7)	47	(31.3)	41	(27.3)	34	(22.7)	**150**	**(1.6)**
U	18	(16.1)	35	(31.3)	16	(14.3)	43	(38.4)	**112**	**(1.2)**
V	268	(37.5)	159	(22.2)	119	(16.6)	169	(23.6)	**715**	**(7.8)**
W	106	(31.2)	92	(27.1)	81	(23.8)	61	(17.9)	**340**	**(3.7)**
X1	119	(39.7)	59	(19.7)	67	(22.3)	55	(18.3)	**300**	**(3.3)**
X2	54	(28.6)	61	(32.3)	33	(17.5)	41	(21.7)	**189**	**(2.1)**
Y	46	(26.9)	40	(23.4)	34	(19.9)	51	(29.8)	**171**	**(1.9)**
Z	19	(15.0)	32	(25.2)	22	(17.3)	54	(42.5)	**127**	**(1.4)**
ZA	80	(21.3)	78	(20.7)	97	(25.8)	121	(32.2)	**376**	**(4.1)**
ZB	49	(18.9)	94	(36.3)	62	(23.9)	54	(20.8)	**259**	**(2.8)**
ZC	256	(42.5)	139	(23.1)	120	(19.9)	87	(14.5)	**602**	**(6.6)**
ZD	77	(41.8)	59	(32.1)	20	(10.9)	28	(15.2)	**184**	**(2.0)**
ZE	6	(9.0)	11	(16.4)	18	(26.9)	32	(47.8)	**67**	**(0.7)**
ZF	1	(4.8)	4	(19.0)	6	(28.6)	10	(47.6)	**21**	**(0.2)**
Total	**2,778**	**(30.3)**	**2,228**	**(24.3)**	**1,984**	**(21.6)**	**2,189**	**(23.8)**	**9,179**	**(100.0)**
2017										
A	38	(20.7)	56	(30.4)	38	(20.7)	52	(28.3)	**184**	**(2.1)**
C	27	(15.1)	50	(27.9)	50	(27.9)	52	(29.1)	**179**	**(2.0)**
D	59	(27.3)	54	(25.0)	41	(19.0)	62	(28.7)	**216**	**(2.5)**
E1	229	(44.6)	109	(21.2)	91	(17.7)	84	(16.4)	**513**	**(5.8)**
E2	140	(31.9)	76	(17.3)	105	(23.9)	118	(26.9)	**439**	**(5.0)**
F	183	(30.0)	130	(21.3)	155	(25.4)	143	(23.4)	**611**	**(6.9)**
H	21	(15.6)	32	(23.7)	35	(25.9)	47	(34.8)	**135**	**(1.5)**
I	86	(24.7)	88	(25.3)	81	(23.3)	93	(26.7)	**348**	**(4.0)**
K2	59	(41.8)	24	(17.0)	28	(19.9)	30	(21.3)	**141**	**(1.6)**
K3	101	(33.3)	95	(31.4)	46	(15.2)	61	(20.1)	**303**	**(3.4)**
L	38	(27.9)	39	(28.7)	17	(12.5)	42	(30.9)	**136**	**(1.5)**
M	41	(19.7)	72	(34.6)	38	(18.3)	57	(27.4)	**208**	**(2.4)**
N	36	(19.8)	50	(27.5)	38	(20.9)	58	(31.9)	**182**	**(2.1)**
O	154	(44.3)	62	(17.8)	71	(20.4)	61	(17.5)	**348**	**(4.0)**
P	248	(44.6)	114	(20.5)	96	(17.3)	98	(17.6)	**556**	**(6.3)**
Q	55	(21.5)	64	(25.0)	64	(25.0)	73	(28.5)	**256**	**(2.9)**
R	155	(33.0)	118	(25.2)	101	(21.5)	95	(20.3)	**469**	**(5.3)**
S	14	(14.1)	39	(39.4)	14	(14.1)	32	(32.3)	**99**	**(1.1)**
T	38	(20.1)	45	(23.8)	47	(24.9)	59	(31.2)	**189**	**(2.1)**
U	20	(18.0)	29	(26.1)	29	(26.1)	33	(29.7)	**111**	**(1.3)**
V	255	(36.9)	148	(21.4)	140	(20.3)	148	(21.4)	**691**	**(7.8)**
W	128	(32.8)	88	(22.6)	86	(22.1)	88	(22.6)	**390**	**(4.4)**
X1	105	(43.0)	38	(15.6)	44	(18.0)	57	(23.4)	**244**	**(2.8)**
X2	33	(17.7)	54	(29.0)	45	(24.2)	54	(29.0)	**186**	**(2.1)**
Y	41	(22.4)	54	(29.5)	33	(18.0)	55	(30.1)	**183**	**(2.1)**
Z	16	(12.9)	33	(26.6)	28	(22.6)	47	(37.9)	**124**	**(1.4)**
ZA	73	(20.2)	86	(23.8)	86	(23.8)	117	(32.3)	**362**	**(4.1)**
ZB	35	(17.6)	81	(40.7)	53	(26.6)	30	(15.1)	**199**	**(2.3)**
ZC	225	(38.8)	129	(22.2)	131	(22.6)	95	(16.4)	**580**	**(6.6)**
ZD	56	(33.3)	50	(29.8)	26	(15.5)	36	(21.4)	**168**	**(1.9)**
ZE	6	(12.8)	10	(21.3)	12	(25.5)	19	(40.4)	**47**	**(0.5)**
ZF	0	(0.0)	2	(28.6)	4	(57.1)	1	(14.3)	**7**	**(0.1)**
Total	**2,715**	**(30.8)**	**2,119**	**(24.1)**	**1,873**	**(21.3)**	**2,097**	**(23.8)**	**8,804**	**(100.0)**
2018										
A	30	(19.6)	36	(23.5)	42	(27.5)	45	(29.4)	**153**	**(1.8)**
C	15	(9.1)	51	(30.9)	43	(26.1)	56	(33.9)	**165**	**(1.9)**
D	72	(22.3)	82	(25.4)	80	(24.8)	89	(27.6)	**323**	**(3.7)**
E1	252	(44.7)	124	(22.0)	103	(18.3)	85	(15.1)	**564**	**(6.5)**
E2	111	(27.7)	65	(16.2)	104	(25.9)	121	(30.2)	**401**	**(4.6)**
F	204	(35.4)	112	(19.4)	127	(22.0)	134	(23.2)	**577**	**(6.6)**
H	37	(24.0)	35	(22.7)	31	(20.1)	51	(33.1)	**154**	**(1.8)**
I	97	(29.0)	64	(19.2)	67	(20.1)	106	(31.7)	**334**	**(3.8)**
K2	59	(35.3)	34	(20.4)	44	(26.3)	30	(18.0)	**167**	**(1.9)**
K3	112	(37.2)	92	(30.6)	50	(16.6)	47	(15.6)	**301**	**(3.5)**
L	29	(23.4)	55	(44.4)	16	(12.9)	24	(19.4)	**124**	**(1.4)**
M	50	(23.4)	65	(30.4)	48	(22.4)	51	(23.8)	**214**	**(2.5)**
N	37	(16.7)	61	(27.6)	49	(22.2)	74	(33.5)	**221**	**(2.5)**
O	114	(35.6)	60	(18.8)	64	(20.0)	82	(25.6)	**320**	**(3.7)**
P	253	(42.2)	130	(21.7)	110	(18.3)	107	(17.8)	**600**	**(6.9)**
Q	62	(22.5)	68	(24.7)	49	(17.8)	96	(34.9)	**275**	**(3.2)**
R	156	(35.2)	111	(25.1)	79	(17.8)	97	(21.9)	**443**	**(5.1)**
S	22	(20.0)	33	(30.0)	16	(14.5)	39	(35.5)	**110**	**(1.3)**
T	27	(15.9)	40	(23.5)	28	(16.5)	75	(44.1)	**170**	**(2.0)**
U	26	(20.2)	39	(30.2)	31	(24.0)	33	(25.6)	**129**	**(1.5)**
V	236	(38.9)	124	(20.4)	121	(19.9)	126	(20.8)	**607**	**(7.0)**
W	120	(35.4)	59	(17.4)	80	(23.6)	80	(23.6)	**339**	**(3.9)**
X1	119	(41.2)	39	(13.5)	61	(21.1)	70	(24.2)	**289**	**(3.3)**
X2	29	(17.8)	49	(30.1)	42	(25.8)	43	(26.4)	**163**	**(1.9)**
Y	49	(33.1)	24	(16.2)	32	(21.6)	43	(29.1)	**148**	**(1.7)**
Z	32	(26.9)	24	(20.2)	17	(14.3)	46	(38.7)	**119**	**(1.4)**
ZA	61	(17.3)	79	(22.4)	85	(24.1)	127	(36.1)	**352**	**(4.0)**
ZB	28	(15.6)	56	(31.1)	45	(25.0)	51	(28.3)	**180**	**(2.1)**
ZC	213	(37.7)	115	(20.4)	139	(24.6)	98	(17.3)	**565**	**(6.5)**
ZD	60	(39.0)	48	(31.2)	21	(13.6)	25	(16.2)	**154**	**(1.8)**
ZE	2	(6.3)	6	(18.8)	9	(28.1)	15	(46.9)	**32**	**(0.4)**
ZF	1	(4.8)	4	(19.0)	4	(19.0)	12	(57.1)	**21**	**(0.2)**
Total	**2,715**	**(31.2)**	**1,984**	**(22.8)**	**1,837**	**(21.1)**	**2,178**	**(25.0)**	**8,714**	**(100.0)**
Grand Total	**8,208**	**(30.7)**	**6,331**	**(23.7)**	**5,694**	**(21.3)**	**6,464**	**(24.2)**	**26,697**	**(100.0)**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

TABLE 5 ADMISSIONS BY AGE (16+ YEARS) BY HEALTH ORGANISATION, 2016 - 2018

Table 5 presents the number of patients aged 16 years or older admitted to PICU between 2016 and 2018, by age group in years and organisation.

The rows of this table show the number of patients admitted to each PICU who fall into each of the age groups, for patients aged 16 years or older. The final column shows the total number of admissions for patients aged over 16 years to each organisation over the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of admissions, for patients aged over 16 years to a given organisation, were in each age category. The percentages in the 'Total' column show column percentages, i.e. what proportion of all admissions to PICU, for patients aged 16 years and older, were admitted to each organisation.

Organisation	AGE GROUP (YEARS) 16		17-20		21-25		Total	
	n	(%)	n	(%)	n	(%)	n	(%)
A	19	(79.2)	5	(20.8)	0	(0.0)	**24**	**(1.5)**
C	11	(73.3)	4	(26.7)	0	(0.0)	**15**	**(1.0)**
D	46	(59.7)	31	(40.3)	0	(0.0)	**77**	**(4.9)**
E1	44	(66.7)	22	(33.3)	0	(0.0)	**66**	**(4.2)**
E2	26	(52.0)	24	(48.0)	0	(0.0)	**50**	**(3.2)**
F	45	(66.2)	20	(29.4)	3	(4.4)	**68**	**(4.3)**
H	31	(73.8)	11	(26.2)	0	(0.0)	**42**	**(2.7)**
I	7	(100.0)	0	(0.0)	0	(0.0)	**7**	**(0.4)**
K2	16	(64.0)	8	(32.0)	1	(4.0)	**25**	**(1.5)**
K3	19	(45.2)	23	(54.8)	0	(0.0)	**42**	**(2.7)**
L	24	(51.1)	23	(48.9)	0	(0.0)	**47**	**(3.0)**
M	93	(56.0)	73	(44.0)	0	(0.0)	**166**	**(10.6)**
N	43	(81.1)	10	(18.9)	0	(0.0)	**53**	**(3.4)**
O	14	(87.5)	2	(12.5)	0	(0.0)	**16**	**(1.0)**
P	16	(30.8)	34	(65.4)	2	(3.8)	**52**	**(3.2)**
Q	40	(50.6)	39	(49.4)	0	(0.0)	**79**	**(5.0)**
R	47	(60.3)	29	(37.2)	2	(2.6)	**78**	**(4.8)**
S	34	(45.3)	40	(53.3)	1	(1.3)	**75**	**(4.7)**
T	58	(64.4)	32	(35.6)	0	(0.0)	**90**	**(5.7)**
U	11	(45.8)	13	(54.2)	0	(0.0)	**24**	**(1.5)**
V	38	(55.9)	30	(44.1)	0	(0.0)	**68**	**(4.3)**
W	18	(66.7)	9	(33.3)	0	(0.0)	**27**	**(1.7)**
X1	19	(52.8)	17	(47.2)	0	(0.0)	**36**	**(2.3)**
X2	16	(76.2)	5	(23.8)	0	(0.0)	**21**	**(1.3)**
Y	22	(43.1)	27	(52.9)	2	(3.9)	**51**	**(3.1)**
Z	15	(71.4)	5	(23.8)	1	(4.8)	**21**	**(1.3)**
ZA	38	(57.6)	28	(42.4)	0	(0.0)	**66**	**(4.2)**
ZB	5	(41.7)	7	(58.3)	0	(0.0)	**12**	**(0.8)**
ZC	39	(75.0)	13	(25.0)	0	(0.0)	**52**	**(3.3)**
ZD	13	(61.9)	8	(38.1)	0	(0.0)	**21**	**(1.3)**
ZE	38	(52.1)	35	(47.9)	0	(0.0)	**73**	**(4.6)**
ZF	6	(23.1)	20	(76.9)	0	(0.0)	**26**	**(1.7)**
Grand Total	**911**	**(58.0)**	**647**	**(41.2)**	**12**	**(0.8)**	**1,570**	**(100.0)**

Notes

1) Admissions where the patient's age is unknown are excluded from this table (n=3)

2) Prior to the 2019 Annual Report, the number of admissions for patients aged 16 year or over was presented for each year of the reporting period for each organisation. We now present the number of admissions for those over 16 years of age to PICU over the whole reporting period combined for statistical disclosure control

TABLE 6 ADMISSIONS BY MONTH AND AGE, 2016 - 2018

Table 6 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by age group in years and month of admission.

Rows of this table show the number of children admitted to PICU, in each age group, in each month, of each reporting year. The final column shows the total number of admissions in each month of each reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, in a given month of a given year, were for in each age category. The percentages in the 'Total' column show column percentages, i.e. what proportion of admissions for a specific year occurred in each month.

Year / Month	AGE GROUP (YEARS) <1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016										
1	794	(44.9)	469	(26.5)	269	(15.2)	235	(13.3)	**1,767**	**(8.7)**
2	734	(44.4)	474	(28.6)	267	(16.1)	180	(10.9)	**1,655**	**(8.2)**
3	728	(41.5)	525	(29.9)	264	(15.1)	237	(13.5)	**1,754**	**(8.7)**
4	696	(44.1)	427	(27.0)	253	(16.0)	204	(12.9)	**1,580**	**(7.8)**
5	712	(42.4)	463	(27.5)	265	(15.8)	241	(14.3)	**1,681**	**(8.3)**
6	722	(42.7)	471	(27.9)	257	(15.2)	241	(14.3)	**1,691**	**(8.3)**
7	662	(42.4)	417	(26.7)	243	(15.6)	238	(15.3)	**1,560**	**(7.7)**
8	713	(45.7)	399	(25.6)	233	(14.9)	216	(13.8)	**1,561**	**(7.7)**
9	647	(41.2)	436	(27.8)	253	(16.1)	235	(15.0)	**1,571**	**(7.8)**
10	751	(45.2)	431	(25.9)	236	(14.2)	243	(14.6)	**1,661**	**(8.2)**
11	994	(50.2)	494	(24.9)	254	(12.8)	238	(12.0)	**1,980**	**(9.8)**
12	1026	(56.8)	397	(22.0)	211	(11.7)	173	(9.6)	**1,807**	**(8.9)**
Total	**9,179**	**(45.3)**	**5,403**	**(26.7)**	**3,005**	**(14.8)**	**2,681**	**(13.2)**	**20,268**	**(100.0)**
2017										
1	755	(44.4)	435	(25.6)	262	(15.4)	248	(14.6)	**1,700**	**(8.6)**
2	696	(44.6)	400	(25.6)	240	(15.4)	224	(14.4)	**1,560**	**(7.9)**
3	764	(43.4)	463	(26.3)	259	(14.7)	275	(15.6)	**1,761**	**(8.9)**
4	661	(42.1)	410	(26.1)	236	(15.0)	264	(16.8)	**1,571**	**(7.9)**
5	718	(42.2)	444	(26.1)	280	(16.5)	260	(15.3)	**1,702**	**(8.6)**
6	666	(41.4)	405	(25.2)	276	(17.2)	261	(16.2)	**1,608**	**(8.1)**
7	686	(41.7)	422	(25.7)	275	(16.7)	261	(15.9)	**1,644**	**(8.3)**
8	647	(42.3)	376	(24.6)	261	(17.1)	244	(16.0)	**1,528**	**(7.7)**
9	661	(42.5)	392	(25.2)	269	(17.3)	232	(14.9)	**1,554**	**(7.8)**
10	692	(41.4)	477	(28.6)	291	(17.4)	210	(12.6)	**1,670**	**(8.4)**
11	906	(50.1)	445	(24.6)	243	(13.4)	213	(11.8)	**1,807**	**(9.1)**
12	952	(54.6)	395	(22.6)	214	(12.3)	183	(10.5)	**1,744**	**(8.8)**
Total	**8,804**	**(44.4)**	**5,064**	**(25.5)**	**3,106**	**(15.6)**	**2,875**	**(14.5)**	**19,849**	**(100.0)**
2018										
1	849	(45.4)	464	(24.8)	301	(16.1)	257	(13.7)	**1,871**	**(9.3)**
2	683	(44.2)	398	(25.8)	233	(15.1)	230	(14.9)	**1,544**	**(7.7)**
3	726	(41.2)	470	(26.7)	304	(17.3)	262	(14.9)	**1,762**	**(8.7)**
4	633	(39.0)	472	(29.0)	275	(16.9)	245	(15.1)	**1,625**	**(8.1)**
5	722	(42.8)	456	(27.0)	269	(15.9)	240	(14.2)	**1,687**	**(8.4)**
6	656	(42.4)	393	(25.4)	260	(16.8)	239	(15.4)	**1,548**	**(7.7)**
7	638	(40.4)	428	(27.1)	253	(16.0)	261	(16.5)	**1,580**	**(7.8)**
8	633	(40.6)	410	(26.3)	228	(14.6)	290	(18.6)	**1,561**	**(7.7)**
9	621	(39.3)	437	(27.7)	257	(16.3)	264	(16.7)	**1,579**	**(7.8)**
10	739	(40.7)	490	(27.0)	292	(16.1)	296	(16.3)	**1,817**	**(9.0)**
11	891	(48.9)	465	(25.5)	259	(14.2)	208	(11.4)	**1,823**	**(9.1)**
12	923	(52.9)	402	(23.0)	226	(12.9)	195	(11.2)	**1,746**	**(8.7)**
Total	**8,714**	**(43.3)**	**5,285**	**(26.2)**	**3,157**	**(15.7)**	**2,987**	**(14.8)**	**20,143**	**(100.0)**
Grand Total	**26,697**	**(44.3)**	**15,752**	**(26.1)**	**9,268**	**(15.4)**	**8,543**	**(14.2)**	**60,260**	**(100.0)**

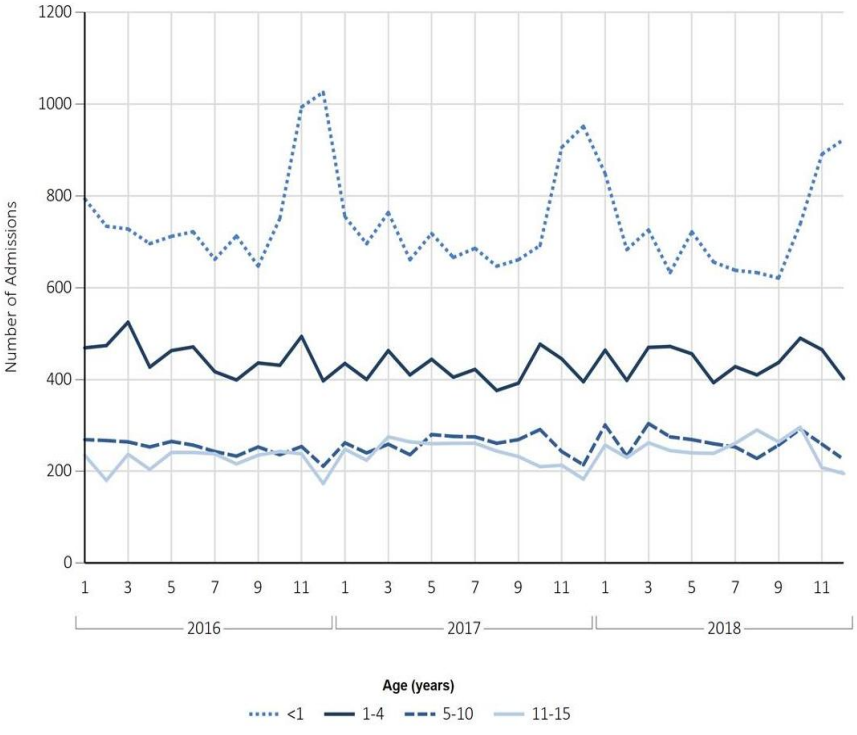
Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

FIGURE 6 ADMISSIONS BY MONTH AND AGE, 2016 - 2018

Figure 6 shows the number of children (<16 years) admitted to PICU in each age group across time over the reporting period.

Each line represents a different age group and the number of admissions over time is plotted. The higher the line reaches, the more admissions are represented.



Notes

1) Admissions where the child's age is unknown are excluded from this figure (n=3)

TABLE 7 ADMISSIONS BY MONTH AND PRIMARY DIAGNOSTIC GROUP, 2016 - 2018

Table 7 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by primary diagnosis and month of admission.

Rows in this table show the number of admissions to PICU with a primary diagnosis falling into each of the diagnostic groups, in each month of each year. In the 'Total' column, the total number of admissions to PICUs in each month of each year is given.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, in a given month of a given year, were in each diagnostic group. The percentages in the 'Total' column show column percentages, i.e. what proportion of admissions for a specific year occurred in each month.

	DIAGNOSTIC GROUP																													
Year / Month	Blood / lymphatic		Body wall and cavities		Cardiovascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multisystem		Musculo - skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																														
1	10	(0.6)	24	(1.4)	441	(25.0)	48	(2.7)	109	(6.2)	108	(6.1)	3	(0.2)	99	(5.6)	180	(10.2)	52	(2.9)	588	(33.3)	21	(1.2)	80	(4.5)	4	(0.2)	**1,767**	**(8.7)**
2	10	(0.6)	18	(1.1)	470	(28.4)	43	(2.6)	90	(5.4)	126	(7.6)	9	(0.5)	76	(4.6)	181	(10.9)	60	(3.6)	464	(28.0)	23	(1.4)	82	(5.0)	3	(0.2)	**1,655**	**(8.2)**
3	10	(0.6)	26	(1.5)	470	(26.8)	56	(3.2)	107	(6.1)	119	(6.8)	3	(0.2)	81	(4.6)	196	(11.2)	56	(3.2)	520	(29.6)	26	(1.5)	82	(4.7)	3	(0.2)	**1,755**	**(8.7)**
4	16	(1.0)	25	(1.6)	462	(29.2)	44	(2.8)	101	(6.4)	86	(5.4)	5	(0.3)	71	(4.5)	173	(10.9)	54	(3.4)	424	(26.8)	33	(2.1)	83	(5.3)	3	(0.2)	**1,580**	**(7.8)**
5	19	(1.1)	38	(2.3)	438	(26.1)	64	(3.8)	111	(6.6)	86	(5.1)	9	(0.5)	76	(4.5)	200	(11.9)	65	(3.9)	436	(25.9)	42	(2.5)	83	(4.9)	14	(0.8)	**1,681**	**(8.3)**
6	17	(1.0)	29	(1.7)	463	(27.4)	50	(3.0)	96	(5.7)	97	(5.7)	9	(0.5)	88	(5.2)	203	(12.0)	53	(3.1)	446	(26.4)	43	(2.5)	90	(5.3)	7	(0.4)	**1,691**	**(8.3)**
7	17	(1.1)	28	(1.8)	451	(28.9)	59	(3.8)	108	(6.9)	90	(5.8)	6	(0.4)	66	(4.2)	168	(10.8)	52	(3.3)	387	(24.8)	44	(2.8)	82	(5.3)	2	(0.1)	**1,560**	**(7.7)**
8	18	(1.2)	29	(1.9)	508	(32.5)	55	(3.5)	107	(6.9)	67	(4.3)	9	(0.6)	94	(6.0)	150	(9.6)	58	(3.7)	326	(20.9)	49	(3.1)	87	(5.6)	4	(0.3)	**1,561**	**(7.7)**
9	17	(1.1)	31	(2.0)	446	(28.4)	47	(3.0)	115	(7.3)	80	(5.1)	5	(0.3)	73	(4.6)	165	(10.5)	70	(4.5)	415	(26.4)	33	(2.1)	68	(4.3)	6	(0.4)	**1,571**	**(7.8)**
10	24	(1.4)	21	(1.3)	448	(27.0)	65	(3.9)	102	(6.1)	71	(4.3)	4	(0.2)	84	(5.1)	157	(9.5)	48	(2.9)	535	(32.2)	38	(2.3)	62	(3.7)	2	(0.1)	**1,661**	**(8.2)**
11	15	(0.8)	28	(1.4)	505	(25.5)	43	(2.2)	96	(4.8)	81	(4.1)	4	(0.2)	67	(3.4)	182	(9.2)	66	(3.3)	814	(41.1)	20	(1.0)	55	(2.8)	4	(0.2)	**1,980**	**(9.8)**
12	8	(0.4)	24	(1.3)	376	(20.8)	44	(2.4)	82	(4.5)	89	(4.9)	2	(0.1)	29	(1.6)	163	(9.0)	50	(2.8)	858	(47.5)	25	(1.4)	56	(3.1)	1	(0.1)	**1,807**	**(8.9)**
Total	**181**	**(0.9)**	**321**	**(1.6)**	**5,478**	**(27.0)**	**618**	**(3.0)**	**1,224**	**(6.0)**	**1,100**	**(5.4)**	**68**	**(0.3)**	**904**	**(4.5)**	**2,118**	**(10.4)**	**684**	**(3.4)**	**6,213**	**(30.7)**	**397**	**(2.0)**	**910**	**(4.5)**	**53**	**(0.3)**	20,269	(100.0)
2017																														
1	9	(0.5)	24	(1.4)	482	(28.4)	53	(3.1)	84	(4.9)	103	(6.1)	4	(0.2)	63	(3.7)	193	(11.4)	77	(4.5)	519	(30.5)	31	(1.8)	57	(3.4)	1	(0.1)	**1,700**	**(8.6)**
2	16	(1.0)	21	(1.3)	454	(29.1)	42	(2.7)	93	(6.0)	86	(5.5)	8	(0.5)	60	(3.8)	158	(10.1)	83	(5.3)	460	(29.5)	19	(1.2)	58	(3.7)	2	(0.1)	**1,560**	**(7.9)**
3	16	(0.9)	29	(1.6)	524	(29.8)	51	(2.9)	86	(4.9)	112	(6.4)	3	(0.2)	90	(5.1)	210	(11.9)	77	(4.4)	466	(26.5)	24	(1.4)	70	(4.0)	3	(0.2)	**1,761**	**(8.9)**
4	15	(1.0)	30	(1.9)	460	(29.3)	55	(3.5)	94	(6.0)	74	(4.7)	4	(0.3)	58	(3.7)	175	(11.1)	87	(5.5)	404	(25.7)	50	(3.2)	64	(4.1)	1	(0.1)	**1,571**	**(7.9)**
5	15	(0.9)	24	(1.4)	493	(29.0)	42	(2.5)	102	(6.0)	65	(3.8)	7	(0.4)	88	(5.2)	191	(11.2)	84	(4.9)	467	(27.4)	50	(2.9)	69	(4.1)	5	(0.3)	**1,702**	**(8.6)**
6	15	(0.9)	28	(1.7)	479	(29.8)	38	(2.4)	118	(7.3)	66	(4.1)	6	(0.4)	86	(5.3)	176	(10.9)	93	(5.8)	357	(22.2)	46	(2.9)	96	(6.0)	4	(0.2)	**1,608**	**(8.1)**
7	18	(1.1)	23	(1.4)	461	(28.0)	58	(3.5)	96	(5.8)	64	(3.9)	9	(0.5)	74	(4.5)	217	(13.2)	91	(5.5)	397	(24.1)	50	(3.0)	86	(5.2)	0	(0.0)	**1,644**	**(8.3)**
8	14	(0.9)	31	(2.0)	483	(31.6)	50	(3.3)	114	(7.5)	66	(4.3)	2	(0.1)	77	(5.0)	153	(10.0)	77	(5.0)	318	(20.8)	50	(3.3)	89	(5.8)	4	(0.3)	**1,528**	**(7.7)**
9	20	(1.3)	23	(1.5)	471	(30.3)	52	(3.3)	115	(7.4)	62	(4.0)	5	(0.3)	68	(4.4)	175	(11.3)	66	(4.2)	396	(25.5)	30	(1.9)	70	(4.5)	1	(0.1)	**1,554**	**(7.8)**
10	25	(1.5)	19	(1.1)	472	(28.3)	37	(2.2)	89	(5.3)	85	(5.1)	7	(0.4)	91	(5.4)	164	(9.8)	74	(4.4)	498	(29.8)	31	(1.9)	75	(4.5)	3	(0.2)	**1,670**	**(8.4)**
11	20	(1.1)	26	(1.4)	418	(23.1)	51	(2.8)	93	(5.1)	98	(5.4)	2	(0.1)	71	(3.9)	148	(8.2)	53	(2.9)	742	(41.1)	18	(1.0)	62	(3.4)	5	(0.3)	**1,807**	**(9.1)**
12	10	(0.6)	27	(1.5)	362	(20.8)	47	(2.7)	67	(3.8)	82	(4.7)	0	(0.0)	42	(2.4)	166	(9.5)	71	(4.1)	783	(44.9)	25	(1.4)	62	(3.6)	0	(0.0)	**1,744**	**(8.8)**
Total	**193**	**(1.0)**	**305**	**(1.5)**	**5,559**	**(28.0)**	**576**	**(2.9)**	**1,151**	**(5.8)**	**963**	**(4.9)**	**57**	**(0.3)**	**868**	**(4.4)**	**2,126**	**(10.7)**	**933**	**(4.7)**	**5,807**	**(29.3)**	**424**	**(2.1)**	**858**	**(4.3)**	**29**	**(0.1)**	19,849	(100.0)
2018																														
1	11	(0.6)	32	(1.7)	472	(25.2)	56	(3.0)	105	(5.6)	113	(6.0)	2	(0.1)	82	(4.4)	196	(10.5)	89	(4.8)	617	(33.0)	21	(1.1)	73	(3.9)	2	(0.1)	**1,871**	**(9.3)**
2	21	(1.4)	24	(1.6)	428	(27.7)	48	(3.1)	88	(5.7)	109	(7.1)	2	(0.1)	61	(4.0)	160	(10.4)	83	(5.4)	425	(27.5)	26	(1.7)	67	(4.3)	2	(0.1)	**1,544**	**(7.7)**
3	22	(1.2)	29	(1.6)	460	(26.1)	48	(2.7)	96	(5.4)	125	(7.1)	4	(0.2)	83	(4.7)	209	(11.9)	78	(4.4)	494	(28.0)	30	(1.7)	81	(4.6)	4	(0.2)	**1,763**	**(8.8)**
4	20	(1.2)	18	(1.1)	426	(26.2)	61	(3.8)	98	(6.0)	98	(6.0)	6	(0.4)	79	(4.9)	209	(12.9)	82	(5.0)	423	(26.0)	35	(2.2)	66	(4.1)	4	(0.2)	**1,625**	**(8.1)**
5	24	(1.4)	23	(1.4)	463	(27.4)	56	(3.3)	110	(6.5)	97	(5.7)	6	(0.4)	76	(4.5)	187	(11.1)	79	(4.7)	445	(26.4)	40	(2.4)	79	(4.7)	2	(0.1)	**1,687**	**(8.4)**
6	19	(1.2)	36	(2.3)	443	(28.6)	51	(3.3)	110	(7.1)	93	(6.0)	4	(0.3)	89	(5.7)	170	(11.0)	65	(4.2)	338	(21.8)	42	(2.7)	87	(5.6)	1	(0.1)	**1,548**	**(7.7)**
7	19	(1.2)	29	(1.8)	518	(32.8)	48	(3.0)	85	(5.4)	80	(5.1)	9	(0.6)	91	(5.8)	171	(10.8)	57	(3.6)	336	(21.3)	42	(2.7)	90	(5.7)	5	(0.3)	**1,580**	**(7.8)**
8	16	(1.0)	31	(2.0)	472	(30.2)	48	(3.1)	120	(7.7)	74	(4.7)	0	(0.0)	82	(5.3)	186	(11.9)	74	(4.7)	320	(20.5)	40	(2.6)	97	(6.2)	1	(0.1)	**1,561**	**(7.7)**
9	23	(1.5)	25	(1.6)	452	(28.6)	47	(3.0)	98	(6.2)	79	(5.0)	3	(0.2)	95	(6.0)	157	(9.9)	60	(3.8)	431	(27.3)	28	(1.8)	80	(5.1)	1	(0.1)	**1,579**	**(7.8)**
10	25	(1.4)	36	(2.0)	488	(26.9)	52	(2.9)	103	(5.7)	73	(4.0)	3	(0.2)	92	(5.1)	205	(11.3)	56	(3.1)	548	(30.2)	28	(1.5)	106	(5.8)	2	(0.1)	**1,817**	**(9.0)**
11	10	(0.5)	29	(1.6)	410	(22.5)	33	(1.8)	92	(5.0)	94	(5.2)	2	(0.1)	58	(3.2)	162	(8.9)	66	(3.6)	785	(43.0)	22	(1.2)	58	(3.2)	3	(0.2)	**1,824**	**(9.1)**
12	20	(1.1)	27	(1.5)	332	(19.0)	45	(2.6)	92	(5.3)	101	(5.8)	4	(0.2)	42	(2.4)	185	(10.6)	57	(3.3)	754	(43.2)	25	(1.4)	61	(3.5)	1	(0.1)	**1,746**	**(8.7)**
Total	**230**	**(1.1)**	**339**	**(1.7)**	**5,364**	**(26.6)**	**593**	**(2.9)**	**1,197**	**(5.9)**	**1,136**	**(5.6)**	**45**	**(0.2)**	**930**	**(4.6)**	**2,197**	**(10.9)**	**846**	**(4.2)**	**5,916**	**(29.4)**	**379**	**(1.9)**	**945**	**(4.7)**	**28**	**(0.1)**	20,145	(100.0)
Grand Total	**604**	**(1.0)**	**965**	**(1.6)**	**16,401**	**(27.2)**	**1,787**	**(3.0)**	**3,572**	**(5.9)**	**3,199**	**(5.3)**	**170**	**(0.3)**	**2,702**	**(4.5)**	**6,441**	**(10.7)**	**2,463**	**(4.1)**	**17,936**	**(29.8)**	**1,200**	**(2.0)**	**2,713**	**(4.5)**	**110**	**(0.2)**	60,263	(100.0)

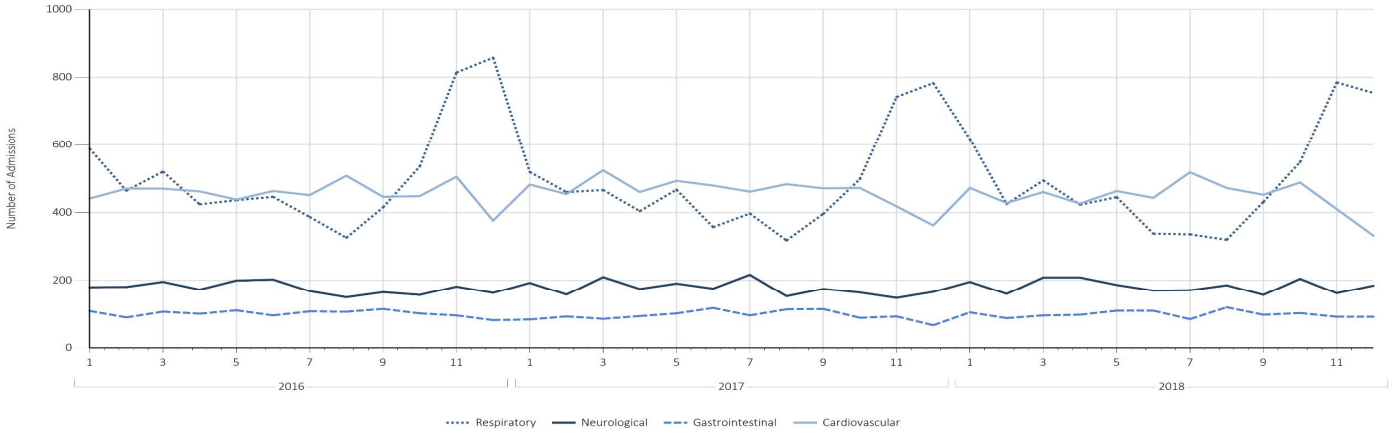
Notes

1) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

2) Admissions where the child's age is unknown are excluded from this table (n=3)

FIGURE 7 ADMISSIONS BY MONTH AND PRIMARY DIAGNOSTIC GROUP, 2016 - 2018

Figure 7 shows the number of admissions to PICU in four most commonly occurring diagnostic groups across time over the reporting period; specifically respiratory, cardiovascular, neurological and gastro-intestinal. Each line represents a different diagnostic group and the number of admissions over time is plotted. The higher the line reaches, the more admissions are represented.



Notes

1) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

2) Admissions where the child's age is unknown are excluded from this figure (n=3)

TABLE 8 RESPIRATORY ADMISSIONS BY MONTH AND AGE, 2016 - 2018

Table 8 presents the number of children (<16 years) admitted to PICU with a primary diagnosis in the respiratory group, for each year of the reporting period, by age group in years and month of admission.

Rows in this table show the number of respiratory admissions to PICU for children in each age group, in each month of each year. The overall number of respiratory admissions to PICU, in each month of each year, is given in the 'Total' column.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions with a respiratory diagnosis, in a given month of a given year, fell into each age group. The percentages in the 'Total' column show column percentages, i.e. what proportion of respiratory admissions for a specific year occurred in each month.

Year / Month	AGE GROUP (YEARS) <1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016										
1	297	(50.5)	172	(29.3)	70	(11.9)	49	(8.3)	**588**	**(9.5)**
2	210	(45.3)	156	(33.6)	70	(15.1)	28	(6.0)	**464**	**(7.5)**
3	216	(41.5)	195	(37.5)	68	(13.1)	41	(7.9)	**520**	**(8.4)**
4	177	(41.7)	143	(33.7)	77	(18.2)	27	(6.4)	**424**	**(6.8)**
5	183	(42.0)	149	(34.2)	64	(14.7)	40	(9.2)	**436**	**(7.0)**
6	184	(41.3)	162	(36.3)	62	(13.9)	38	(8.5)	**446**	**(7.2)**
7	151	(39.0)	135	(34.9)	64	(16.5)	37	(9.6)	**387**	**(6.2)**
8	150	(46.0)	99	(30.4)	57	(17.5)	20	(6.1)	**326**	**(5.2)**
9	155	(37.3)	143	(34.5)	76	(18.3)	41	(9.9)	**415**	**(6.7)**
10	276	(51.6)	155	(29.0)	62	(11.6)	42	(7.9)	**535**	**(8.6)**
11	492	(60.4)	201	(24.7)	71	(8.7)	50	(6.1)	**814**	**(13.1)**
12	564	(65.7)	170	(19.8)	76	(8.9)	48	(5.6)	**858**	**(13.8)**
Total	**3,055**	**(49.2)**	**1,880**	**(30.3)**	**817**	**(13.1)**	**461**	**(7.4)**	6,213	(100.0)
2017										
1	269	(51.8)	150	(28.9)	64	(12.3)	36	(6.9)	**519**	**(8.9)**
2	232	(50.4)	131	(28.5)	59	(12.8)	38	(8.3)	**460**	**(7.9)**
3	195	(41.8)	163	(35.0)	62	(13.3)	46	(9.9)	**466**	**(8.0)**
4	177	(43.8)	125	(30.9)	60	(14.9)	42	(10.4)	**404**	**(7.0)**
5	196	(42.0)	159	(34.0)	69	(14.8)	43	(9.2)	**467**	**(8.0)**
6	154	(43.1)	122	(34.2)	52	(14.6)	29	(8.1)	**357**	**(6.1)**
7	171	(43.1)	124	(31.2)	58	(14.6)	44	(11.1)	**397**	**(6.8)**
8	119	(37.4)	107	(33.6)	53	(16.7)	39	(12.3)	**318**	**(5.5)**
9	173	(43.7)	130	(32.8)	62	(15.7)	31	(7.8)	**396**	**(6.8)**
10	221	(44.4)	180	(36.1)	65	(13.1)	32	(6.4)	**498**	**(8.6)**
11	461	(62.1)	178	(24.0)	62	(8.4)	41	(5.5)	**742**	**(12.8)**
12	529	(67.6)	164	(20.9)	61	(7.8)	29	(3.7)	**783**	**(13.5)**
Total	**2,897**	**(49.9)**	**1,733**	**(29.8)**	**727**	**(12.5)**	**450**	**(7.7)**	5,807	(100.0)
2018										
1	318	(51.5)	169	(27.4)	77	(12.5)	53	(8.6)	**617**	**(10.4)**
2	204	(48.0)	125	(29.4)	55	(12.9)	41	(9.6)	**425**	**(7.2)**
3	201	(40.7)	164	(33.2)	79	(16.0)	50	(10.1)	**494**	**(8.4)**
4	179	(42.3)	145	(34.3)	58	(13.7)	41	(9.7)	**423**	**(7.2)**
5	178	(40.0)	153	(34.4)	71	(16.0)	43	(9.7)	**445**	**(7.5)**
6	134	(39.6)	116	(34.3)	62	(18.3)	26	(7.7)	**338**	**(5.7)**
7	135	(40.2)	107	(31.8)	53	(15.8)	41	(12.2)	**336**	**(5.7)**
8	149	(46.6)	104	(32.5)	36	(11.3)	31	(9.7)	**320**	**(5.4)**
9	173	(40.1)	155	(36.0)	74	(17.2)	29	(6.7)	**431**	**(7.3)**
10	254	(46.4)	177	(32.3)	66	(12.0)	51	(9.3)	**548**	**(9.3)**
11	474	(60.4)	204	(26.0)	68	(8.7)	39	(5.0)	**785**	**(13.3)**
12	494	(65.5)	152	(20.2)	73	(9.7)	35	(4.6)	**754**	**(12.7)**
Total	**2,893**	**(48.9)**	**1,771**	**(29.9)**	**772**	**(13.0)**	**480**	**(8.1)**	5,916	(100.0)
Grand Total	**8,845**	**(49.3)**	**5,384**	**(30.0)**	**2,316**	**(12.9)**	**1,391**	**(7.8)**	17,936	(100.0)

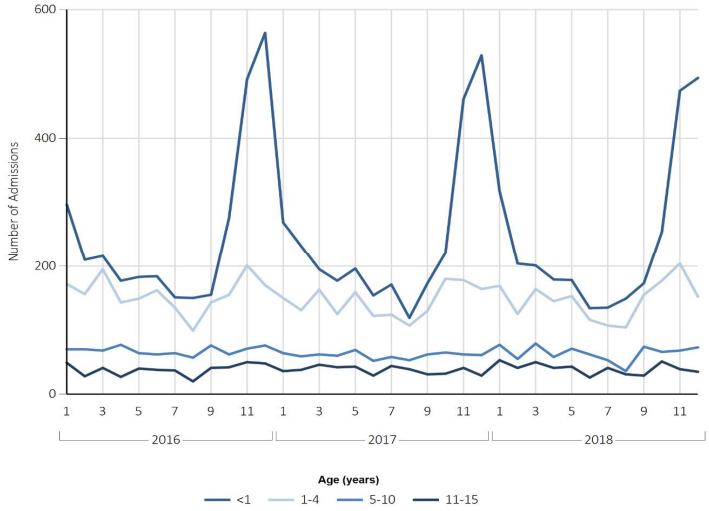
Notes

1) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

2) Admissions where the child's age is unknown are excluded from this table (n=3)

FIGURE 8 RESPIRATORY ADMISSIONS BY MONTH AND AGE, 2016 - 2018

Figure 8 shows the number of respiratory admissions to PICU across time over the reporting period. Each line represents a different age group and the number of respiratory admissions over time is plotted. The higher the line reaches, the more admissions are represented.



Notes

1) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

2) Admissions where the child's age is unknown are excluded from this figure (n=3)

TABLE 9 ADMISSIONS BY MONTH, BY HEALTH ORGANISATION, 2016 - 2018

Table 9 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by month of admission and organisation.

Rows in this table show the number of admissions to each organisation in each month of each year. The 'Total' column shows the total number of admissions to each organisation in a given year.

The percentages in the white columns show row percentages, e.g. what proportion of all admissions, to a given organisation in a given year, occurred in a given month. The percentages in the 'Total' column show column percentages, i.e. what proportion of admissions for a specific year occurred in each organisation.

Year / Organisation	MONTH																									
	January		February		March		April		May		June		July		August		September		October		November		December		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																										
A	62	(9.5)	56	(8.6)	47	(7.2)	41	(6.3)	64	(9.8)	49	(7.5)	53	(8.2)	44	(6.8)	61	(9.4)	57	(8.8)	63	(9.7)	53	(8.2)	**650**	**(3.2)**
C	50	(9.4)	31	(5.8)	44	(8.3)	49	(9.2)	48	(9.1)	49	(9.2)	40	(7.5)	38	(7.2)	43	(8.1)	40	(7.5)	49	(9.2)	49	(9.2)	**530**	**(2.6)**
D	68	(9.3)	65	(8.9)	68	(9.3)	57	(7.8)	61	(8.3)	64	(8.7)	53	(7.2)	56	(7.7)	54	(7.4)	53	(7.2)	73	(10.0)	60	(8.2)	**732**	**(3.6)**
E1	91	(9.2)	71	(7.2)	94	(9.5)	74	(7.5)	79	(8.0)	85	(8.6)	86	(8.7)	97	(9.8)	84	(8.5)	73	(7.4)	94	(9.5)	63	(6.4)	**991**	**(4.9)**
E2	80	(9.4)	66	(7.7)	74	(8.7)	74	(8.7)	74	(8.7)	78	(9.1)	63	(7.4)	65	(7.6)	63	(7.4)	75	(8.8)	79	(9.2)	64	(7.5)	**855**	**(4.2)**
F	91	(7.9)	113	(9.8)	102	(8.8)	82	(7.1)	92	(8.0)	104	(9.0)	93	(8.1)	86	(7.5)	90	(7.8)	88	(7.6)	106	(9.2)	107	(9.3)	**1,154**	**(5.7)**
H	52	(9.0)	51	(8.9)	49	(8.5)	49	(8.5)	56	(9.7)	40	(6.9)	36	(6.3)	29	(5.0)	47	(8.2)	48	(8.3)	60	(10.4)	59	(10.2)	**576**	**(2.8)**
I	68	(9.1)	63	(8.4)	68	(9.1)	70	(9.3)	65	(8.7)	66	(8.8)	57	(7.6)	60	(8.0)	48	(6.4)	56	(7.5)	66	(8.8)	62	(8.3)	**749**	**(3.7)**
K2	26	(8.3)	29	(9.3)	25	(8.0)	22	(7.1)	21	(6.7)	26	(8.3)	18	(5.8)	31	(9.9)	27	(8.7)	22	(7.1)	38	(12.2)	27	(8.7)	**312**	**(1.5)**
K3	53	(8.5)	50	(8.0)	54	(8.7)	48	(7.7)	53	(8.5)	40	(6.4)	48	(7.7)	40	(6.4)	50	(8.0)	47	(7.5)	76	(12.2)	65	(10.4)	**624**	**(3.1)**
L	24	(8.9)	14	(5.2)	15	(5.6)	24	(8.9)	16	(5.9)	15	(5.6)	18	(6.7)	16	(5.9)	20	(7.4)	35	(13.0)	37	(13.8)	35	(13.0)	**269**	**(1.3)**
M	62	(9.8)	66	(10.4)	50	(7.9)	43	(6.8)	63	(9.9)	55	(8.7)	48	(7.6)	50	(7.9)	46	(7.3)	40	(6.3)	55	(8.7)	56	(8.8)	**634**	**(3.1)**
N	79	(9.3)	60	(7.1)	81	(9.6)	72	(8.5)	58	(6.9)	80	(9.5)	69	(8.2)	56	(6.6)	60	(7.1)	75	(8.9)	78	(9.2)	77	(9.1)	**845**	**(4.2)**
O	44	(7.5)	44	(7.5)	47	(8.0)	55	(9.4)	40	(6.8)	44	(7.5)	47	(8.0)	62	(10.6)	45	(7.7)	43	(7.4)	61	(10.4)	52	(8.9)	**584**	**(2.9)**
P	77	(8.2)	80	(8.5)	98	(10.4)	67	(7.1)	81	(8.6)	84	(8.9)	69	(7.3)	82	(8.7)	66	(7.0)	69	(7.3)	82	(8.7)	87	(9.2)	**942**	**(4.6)**
Q	71	(9.8)	48	(6.7)	56	(7.8)	55	(7.6)	61	(8.5)	59	(8.2)	68	(9.4)	48	(6.7)	67	(9.3)	69	(9.6)	69	(9.6)	50	(6.9)	**721**	**(3.6)**
R	82	(9.3)	68	(7.7)	94	(10.7)	54	(6.1)	67	(7.6)	73	(8.3)	73	(8.3)	68	(7.7)	64	(7.3)	76	(8.6)	87	(9.9)	75	(8.5)	**881**	**(4.3)**
S	16	(9.8)	10	(6.1)	17	(10.4)	15	(9.2)	12	(7.4)	9	(5.5)	17	(10.4)	5	(3.1)	8	(4.9)	12	(7.4)	18	(11.0)	24	(14.7)	**163**	**(0.8)**
T	47	(7.8)	47	(7.8)	49	(8.2)	39	(6.5)	50	(8.3)	59	(9.8)	50	(8.3)	40	(6.7)	45	(7.5)	49	(8.2)	65	(10.9)	59	(9.8)	**599**	**(3.0)**
U	30	(9.1)	30	(9.1)	35	(10.6)	33	(10.0)	28	(8.5)	23	(7.0)	20	(6.1)	25	(7.6)	17	(5.2)	27	(8.2)	29	(8.8)	32	(9.7)	**329**	**(1.6)**
V	122	(8.7)	117	(8.3)	111	(7.9)	113	(8.0)	120	(8.5)	128	(9.1)	112	(7.9)	109	(7.7)	113	(8.0)	128	(9.1)	116	(8.2)	120	(8.5)	**1,409**	**(7.0)**
W	67	(9.6)	62	(8.9)	63	(9.0)	44	(6.3)	63	(9.0)	48	(6.9)	44	(6.3)	53	(7.6)	47	(6.7)	58	(8.3)	83	(11.9)	65	(9.3)	**697**	**(3.4)**
X1	39	(8.6)	34	(7.5)	28	(6.2)	43	(9.5)	25	(5.5)	41	(9.0)	39	(8.6)	43	(9.5)	47	(10.4)	38	(8.4)	42	(9.3)	35	(7.7)	**454**	**(2.2)**
X2	17	(4.3)	32	(8.0)	20	(5.0)	33	(8.3)	30	(7.5)	49	(12.3)	29	(7.3)	28	(7.0)	33	(8.3)	36	(9.0)	44	(11.1)	47	(11.8)	**398**	**(2.0)**
Y	35	(6.8)	44	(8.5)	49	(9.5)	40	(7.8)	39	(7.6)	37	(7.2)	33	(6.4)	39	(7.6)	44	(8.5)	48	(9.3)	55	(10.7)	52	(10.1)	**515**	**(2.5)**
Z	35	(9.0)	32	(8.2)	33	(8.4)	22	(5.6)	38	(9.7)	26	(6.6)	35	(9.0)	20	(5.1)	32	(8.2)	33	(8.4)	41	(10.5)	44	(11.3)	**391**	**(1.9)**
ZA	89	(9.2)	91	(9.4)	88	(9.1)	71	(7.3)	86	(8.9)	81	(8.3)	63	(6.5)	73	(7.5)	75	(7.7)	90	(9.3)	84	(8.7)	80	(8.2)	**971**	**(4.8)**
ZB	46	(8.3)	53	(9.5)	49	(8.8)	46	(8.3)	40	(7.2)	48	(8.6)	42	(7.5)	41	(7.4)	44	(7.9)	45	(8.1)	54	(9.7)	49	(8.8)	**557**	**(2.7)**
ZC	79	(7.7)	78	(7.6)	87	(8.4)	75	(7.3)	93	(9.0)	86	(8.3)	91	(8.8)	94	(9.1)	80	(7.8)	85	(8.2)	93	(9.0)	90	(8.7)	**1,031**	**(5.1)**
ZD	40	(10.8)	32	(8.6)	26	(7.0)	26	(7.0)	31	(8.4)	28	(7.6)	24	(6.5)	30	(8.1)	23	(6.2)	29	(7.8)	42	(11.4)	39	(10.5)	**370**	**(1.8)**
ZE	15	(6.0)	16	(6.4)	24	(9.6)	30	(12.0)	19	(7.6)	11	(4.4)	16	(6.4)	25	(10.0)	19	(7.6)	13	(5.2)	36	(14.5)	25	(10.0)	**249**	**(1.2)**
ZF	10	(11.5)	2	(2.3)	10	(11.5)	14	(16.1)	8	(9.2)	6	(6.9)	6	(6.9)	8	(9.2)	9	(10.3)	4	(4.6)	5	(5.7)	5	(5.7)	**87**	**(0.4)**
Total	**1,767**	**(8.7)**	**1,655**	**(8.2)**	**1,755**	**(8.7)**	**1,580**	**(7.8)**	**1,681**	**(8.3)**	**1,691**	**(8.3)**	**1,560**	**(7.7)**	**1,561**	**(7.7)**	**1,571**	**(7.8)**	**1,661**	**(8.2)**	**1,980**	**(9.8)**	**1,807**	**(8.9)**	**20,269**	**(100.0)**

Year / Organisation	MONTH																									
	January		February		March		April		May		June		July		August		September		October		November		December		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2017																										
A	49	(8.0)	57	(9.3)	52	(8.5)	43	(7.0)	58	(9.4)	61	(9.9)	38	(6.2)	46	(7.5)	49	(8.0)	45	(7.3)	55	(8.9)	62	(10.1)	**615**	**(3.1)**
C	35	(7.1)	34	(6.9)	48	(9.7)	32	(6.5)	48	(9.7)	41	(8.3)	44	(8.9)	43	(8.7)	42	(8.5)	36	(7.3)	47	(9.5)	43	(8.7)	**493**	**(2.5)**
D	62	(10.7)	36	(6.2)	56	(9.7)	49	(8.5)	50	(8.6)	53	(9.2)	52	(9.0)	42	(7.3)	43	(7.4)	41	(7.1)	45	(7.8)	50	(8.6)	**579**	**(2.9)**
E1	76	(8.0)	59	(6.2)	70	(7.4)	68	(7.2)	84	(8.8)	84	(8.8)	99	(10.4)	79	(8.3)	86	(9.0)	76	(8.0)	85	(8.9)	85	(8.9)	**951**	**(4.8)**
E2	71	(9.3)	65	(8.5)	69	(9.0)	64	(8.4)	63	(8.2)	61	(8.0)	61	(8.0)	57	(7.5)	66	(8.6)	68	(8.9)	57	(7.5)	62	(8.1)	**764**	**(3.8)**
F	92	(8.5)	90	(8.3)	94	(8.7)	98	(9.0)	95	(8.8)	86	(7.9)	84	(7.7)	87	(8.0)	87	(8.0)	89	(8.2)	94	(8.7)	89	(8.2)	**1,085**	**(5.5)**
H	46	(9.3)	41	(8.2)	37	(7.4)	35	(7.0)	39	(7.8)	38	(7.6)	34	(6.8)	38	(7.6)	41	(8.2)	43	(8.7)	51	(10.3)	54	(10.9)	**497**	**(2.5)**
I	51	(7.2)	60	(8.4)	78	(11.0)	48	(6.8)	69	(9.7)	56	(7.9)	58	(8.2)	68	(9.6)	54	(7.6)	55	(7.7)	56	(7.9)	58	(8.2)	**711**	**(3.6)**
K2	30	(10.3)	32	(11.0)	34	(11.6)	25	(8.6)	22	(7.5)	22	(7.5)	16	(5.5)	23	(7.9)	18	(6.2)	27	(9.2)	27	(9.2)	16	(5.5)	**292**	**(1.5)**
K3	50	(7.7)	48	(7.4)	56	(8.7)	54	(8.4)	54	(8.4)	60	(9.3)	68	(10.5)	39	(6.0)	38	(5.9)	58	(9.0)	56	(8.7)	65	(10.1)	**646**	**(3.3)**
L	27	(9.3)	20	(6.9)	21	(7.3)	21	(7.3)	30	(10.4)	17	(5.9)	24	(8.3)	17	(5.9)	19	(6.6)	26	(9.0)	37	(12.8)	30	(10.4)	**289**	**(1.5)**
M	63	(10.1)	50	(8.0)	58	(9.3)	50	(8.0)	57	(9.1)	57	(9.1)	47	(7.5)	32	(5.1)	48	(7.7)	53	(8.5)	56	(9.0)	54	(8.6)	**625**	**(3.1)**
N	61	(8.3)	69	(9.4)	63	(8.6)	68	(9.3)	63	(8.6)	52	(7.1)	67	(9.1)	60	(8.2)	52	(7.1)	66	(9.0)	52	(7.1)	60	(8.2)	**733**	**(3.7)**
O	56	(9.5)	38	(6.5)	59	(10.1)	42	(7.2)	44	(7.5)	45	(7.7)	45	(7.7)	55	(9.4)	46	(7.8)	53	(9.0)	59	(10.1)	45	(7.7)	**587**	**(3.0)**
P	97	(9.8)	80	(8.1)	84	(8.5)	72	(7.3)	90	(9.1)	85	(8.6)	89	(9.0)	82	(8.3)	88	(8.9)	66	(6.7)	83	(8.4)	69	(7.0)	**985**	**(5.0)**
Q	62	(8.5)	54	(7.4)	59	(8.1)	51	(7.0)	51	(7.0)	53	(7.2)	67	(9.2)	57	(7.8)	62	(8.5)	78	(10.7)	72	(9.8)	66	(9.0)	**732**	**(3.7)**
R	75	(8.2)	71	(7.8)	90	(9.8)	70	(7.6)	76	(8.3)	97	(10.6)	68	(7.4)	59	(6.4)	62	(6.8)	76	(8.3)	90	(9.8)	82	(9.0)	**916**	**(4.6)**
S	20	(6.8)	19	(6.5)	23	(7.8)	20	(6.8)	28	(9.5)	25	(8.5)	18	(6.1)	21	(7.1)	31	(10.5)	20	(6.8)	26	(8.8)	43	(14.6)	**294**	**(1.5)**
T	48	(7.9)	56	(9.2)	59	(9.7)	57	(9.3)	52	(8.5)	43	(7.0)	48	(7.9)	35	(5.7)	53	(8.7)	55	(9.0)	55	(9.0)	50	(8.2)	**611**	**(3.1)**
U	28	(8.8)	24	(7.5)	29	(9.1)	23	(7.2)	29	(9.1)	20	(6.3)	22	(6.9)	24	(7.5)	26	(8.2)	30	(9.4)	35	(11.0)	29	(9.1)	**319**	**(1.6)**
V	114	(8.4)	99	(7.3)	115	(8.5)	116	(8.6)	104	(7.7)	122	(9.0)	124	(9.2)	113	(8.4)	101	(7.5)	115	(8.5)	110	(8.1)	120	(8.9)	**1,353**	**(6.8)**
W	60	(8.3)	63	(8.7)	63	(8.7)	61	(8.4)	68	(9.4)	44	(6.1)	67	(9.3)	69	(9.5)	52	(7.2)	59	(8.1)	68	(9.4)	50	(6.9)	**724**	**(3.6)**
X1	32	(8.2)	28	(7.2)	30	(7.7)	27	(7.0)	28	(7.2)	36	(9.3)	31	(8.0)	26	(6.7)	29	(7.5)	47	(12.1)	41	(10.6)	33	(8.5)	**388**	**(2.0)**
X2	38	(10.2)	26	(7.0)	48	(12.9)	42	(11.3)	31	(8.4)	27	(7.3)	25	(6.7)	21	(5.7)	19	(5.1)	28	(7.5)	31	(8.4)	35	(9.4)	**371**	**(1.9)**
Y	40	(8.0)	37	(7.4)	38	(7.6)	41	(8.2)	40	(8.0)	48	(9.7)	40	(8.0)	28	(5.6)	43	(8.7)	41	(8.2)	52	(10.5)	49	(9.9)	**497**	**(2.5)**
Z	39	(9.6)	41	(10.1)	33	(8.1)	28	(6.9)	29	(7.1)	18	(4.4)	39	(9.6)	23	(5.7)	37	(9.1)	37	(9.1)	52	(12.8)	31	(7.6)	**407**	**(2.1)**
ZA	70	(7.8)	69	(7.7)	72	(8.0)	59	(6.6)	70	(7.8)	66	(7.4)	61	(6.8)	80	(8.9)	80	(8.9)	91	(10.2)	87	(9.7)	91	(10.2)	**896**	**(4.5)**
ZB	47	(9.0)	45	(8.6)	43	(8.2)	39	(7.5)	41	(7.9)	42	(8.0)	46	(8.8)	34	(6.5)	42	(8.0)	43	(8.2)	53	(10.2)	47	(9.0)	**522**	**(2.6)**
ZC	91	(8.9)	77	(7.5)	83	(8.1)	88	(8.6)	105	(10.2)	64	(6.2)	77	(7.5)	87	(8.5)	83	(8.1)	73	(7.1)	102	(9.9)	96	(9.4)	**1,026**	**(5.2)**
ZD	29	(6.6)	33	(7.6)	42	(9.6)	43	(9.8)	33	(7.6)	33	(7.6)	27	(6.2)	43	(9.8)	30	(6.9)	34	(7.8)	39	(8.9)	51	(11.7)	**437**	**(2.2)**
ZE	32	(7.3)	30	(6.8)	47	(10.7)	32	(7.3)	49	(11.2)	52	(11.9)	51	(11.6)	35	(8.0)	23	(5.3)	34	(7.8)	26	(5.9)	27	(6.2)	**438**	**(2.2)**
ZF	9	(13.6)	9	(13.6)	8	(12.1)	5	(7.6)	2	(3.0)	0	(0.0)	7	(10.6)	5	(7.6)	4	(6.1)	7	(10.6)	8	(12.1)	2	(3.0)	**66**	**(0.3)**
Total	**1,700**	**(8.6)**	**1,560**	**(7.9)**	**1,761**	**(8.9)**	**1,571**	**(7.9)**	**1,702**	**(8.6)**	**1,608**	**(8.1)**	**1,644**	**(8.3)**	**1,528**	**(7.7)**	**1,554**	**(7.8)**	**1,670**	**(8.4)**	**1,807**	**(9.1)**	**1,744**	**(8.8)**	**19,849**	**(100.0)**

Year / Organisation	MONTH																									
	January		February		March		April		May		June		July		August		September		October		November		December		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018																										
A	59	(10.8)	46	(8.4)	51	(9.3)	60	(11.0)	47	(8.6)	47	(8.6)	46	(8.4)	36	(6.6)	39	(7.1)	34	(6.2)	44	(8.1)	37	(6.8)	**546**	**(2.7)**
C	55	(10.8)	49	(9.6)	44	(8.6)	44	(8.6)	42	(8.2)	42	(8.2)	41	(8.0)	31	(6.1)	29	(5.7)	39	(7.6)	55	(10.8)	39	(7.6)	**510**	**(2.5)**
D	86	(7.6)	74	(6.5)	104	(9.2)	97	(8.6)	101	(8.9)	84	(7.4)	82	(7.2)	103	(9.1)	86	(7.6)	97	(8.6)	103	(9.1)	116	(10.2)	**1,133**	**(5.6)**
E1	116	(10.8)	86	(8.0)	93	(8.7)	83	(7.7)	89	(8.3)	85	(7.9)	80	(7.5)	77	(7.2)	86	(8.0)	91	(8.5)	90	(8.4)	95	(8.9)	**1,071**	**(5.3)**
E2	71	(9.1)	64	(8.2)	66	(8.5)	65	(8.4)	63	(8.1)	60	(7.7)	62	(8.0)	68	(8.8)	60	(7.7)	72	(9.3)	70	(9.0)	55	(7.1)	**776**	**(3.9)**
F	113	(10.3)	86	(7.8)	94	(8.6)	96	(8.8)	93	(8.5)	77	(7.0)	75	(6.8)	82	(7.5)	87	(7.9)	93	(8.5)	106	(9.7)	95	(8.7)	**1,097**	**(5.4)**
H	50	(9.2)	30	(5.5)	57	(10.5)	38	(7.0)	38	(7.0)	40	(7.4)	35	(6.5)	46	(8.5)	48	(8.9)	46	(8.5)	61	(11.3)	53	(9.8)	**542**	**(2.7)**
I	52	(7.7)	40	(5.9)	50	(7.4)	70	(10.4)	49	(7.3)	67	(9.9)	62	(9.2)	57	(8.4)	69	(10.2)	58	(8.6)	55	(8.1)	46	(6.8)	**675**	**(3.4)**
K2	28	(8.6)	28	(8.6)	31	(9.6)	25	(7.7)	27	(8.3)	30	(9.3)	22	(6.8)	24	(7.4)	28	(8.6)	29	(9.0)	27	(8.3)	25	(7.7)	**324**	**(1.6)**
K3	60	(9.4)	51	(8.0)	50	(7.8)	49	(7.7)	56	(8.8)	50	(7.8)	49	(7.7)	53	(8.3)	34	(5.3)	59	(9.2)	64	(10.0)	64	(10.0)	**639**	**(3.2)**
L	35	(12.6)	24	(8.7)	17	(6.1)	19	(6.9)	21	(7.6)	15	(5.4)	12	(4.3)	20	(7.2)	19	(6.9)	32	(11.6)	35	(12.6)	28	(10.1)	**277**	**(1.4)**
M	60	(9.5)	39	(6.2)	53	(8.4)	53	(8.4)	50	(7.9)	46	(7.3)	49	(7.7)	44	(6.9)	53	(8.4)	57	(9.0)	68	(10.7)	62	(9.8)	**634**	**(3.1)**
N	68	(8.5)	67	(8.3)	77	(9.6)	53	(6.6)	68	(8.5)	55	(6.8)	60	(7.5)	59	(7.3)	70	(8.7)	87	(10.8)	67	(8.3)	72	(9.0)	**803**	**(4.0)**
O	45	(7.9)	42	(7.4)	46	(8.1)	47	(8.2)	49	(8.6)	47	(8.2)	51	(8.9)	50	(8.8)	50	(8.8)	60	(10.5)	47	(8.2)	37	(6.5)	**571**	**(2.8)**
P	83	(8.7)	65	(6.8)	75	(7.9)	82	(8.6)	74	(7.8)	67	(7.0)	77	(8.1)	86	(9.0)	72	(7.6)	103	(10.8)	87	(9.1)	80	(8.4)	**951**	**(4.7)**
Q	57	(7.7)	59	(7.9)	59	(7.9)	57	(7.7)	61	(8.2)	53	(7.1)	54	(7.3)	60	(8.1)	67	(9.0)	76	(10.2)	71	(9.5)	70	(9.4)	**744**	**(3.7)**
R	85	(9.7)	75	(8.6)	95	(10.8)	66	(7.5)	72	(8.2)	64	(7.3)	82	(9.4)	55	(6.3)	52	(5.9)	73	(8.3)	81	(9.2)	77	(8.8)	**877**	**(4.4)**
S	32	(10.1)	18	(5.7)	26	(8.2)	24	(7.5)	24	(7.5)	20	(6.3)	32	(10.1)	10	(3.1)	26	(8.2)	31	(9.7)	40	(12.6)	35	(11.0)	**318**	**(1.6)**
T	46	(8.2)	42	(7.5)	45	(8.0)	40	(7.1)	53	(9.4)	48	(8.6)	45	(8.0)	43	(7.7)	44	(7.8)	58	(10.3)	56	(10.0)	41	(7.3)	**561**	**(2.8)**
U	32	(10.0)	26	(8.1)	26	(8.1)	17	(5.3)	20	(6.2)	20	(6.2)	28	(8.7)	23	(7.2)	26	(8.1)	29	(9.0)	36	(11.2)	38	(11.8)	**321**	**(1.6)**
V	128	(10.6)	97	(8.0)	120	(9.9)	87	(7.2)	114	(9.4)	106	(8.8)	106	(8.8)	93	(7.7)	83	(6.9)	118	(9.7)	73	(6.0)	86	(7.1)	**1,211**	**(6.0)**
W	51	(7.1)	45	(6.3)	64	(8.9)	71	(9.9)	61	(8.5)	55	(7.7)	59	(8.2)	56	(7.8)	62	(8.7)	55	(7.7)	72	(10.1)	65	(9.1)	**716**	**(3.6)**
X1	35	(8.0)	34	(7.8)	38	(8.7)	37	(8.4)	33	(7.5)	34	(7.8)	47	(10.7)	33	(7.5)	38	(8.7)	43	(9.8)	33	(7.5)	33	(7.5)	**438**	**(2.2)**
X2	28	(7.2)	26	(6.7)	22	(5.6)	30	(7.7)	37	(9.5)	30	(7.7)	29	(7.4)	24	(6.2)	42	(10.8)	47	(12.1)	36	(9.2)	39	(10.0)	**390**	**(1.9)**
Y	50	(10.0)	39	(7.8)	48	(9.6)	36	(7.2)	59	(11.8)	34	(6.8)	28	(5.6)	42	(8.4)	45	(9.0)	37	(7.4)	39	(7.8)	43	(8.6)	**500**	**(2.5)**
Z	37	(9.3)	33	(8.3)	42	(10.6)	26	(6.6)	24	(6.1)	29	(7.3)	37	(9.3)	27	(6.8)	28	(7.1)	37	(9.3)	37	(9.3)	39	(9.8)	**396**	**(2.0)**
ZA	80	(9.4)	68	(8.0)	84	(9.8)	75	(8.8)	73	(8.6)	64	(7.5)	52	(6.1)	75	(8.8)	51	(6.0)	76	(8.9)	77	(9.0)	78	(9.1)	**853**	**(4.2)**
ZB	46	(9.2)	39	(7.8)	27	(5.4)	31	(6.2)	50	(10.0)	41	(8.2)	41	(8.2)	44	(8.8)	34	(6.8)	44	(8.8)	52	(10.4)	52	(10.4)	**501**	**(2.5)**
ZC	100	(9.8)	80	(7.8)	87	(8.5)	86	(8.4)	86	(8.4)	87	(8.5)	82	(8.0)	81	(7.9)	80	(7.8)	87	(8.5)	82	(8.0)	85	(8.3)	**1,023**	**(5.1)**
ZD	36	(8.9)	35	(8.6)	40	(9.9)	34	(8.4)	34	(8.4)	25	(6.2)	29	(7.2)	26	(6.4)	40	(9.9)	25	(6.2)	38	(9.4)	43	(10.6)	**405**	**(2.0)**
ZE	38	(15.2)	31	(12.4)	27	(10.8)	26	(10.4)	16	(6.4)	17	(6.8)	17	(6.8)	23	(9.2)	17	(6.8)	15	(6.0)	16	(6.4)	7	(2.8)	**250**	**(1.2)**
ZF	9	(9.8)	6	(6.5)	5	(5.4)	1	(1.1)	3	(3.3)	9	(9.8)	9	(9.8)	10	(10.9)	14	(15.2)	9	(9.8)	6	(6.5)	11	(12.0)	**92**	**(0.5)**
Total	**1,871**	**(9.3)**	**1,544**	**(7.7)**	**1,763**	**(8.8)**	**1,625**	**(8.1)**	**1,687**	**(8.4)**	**1,548**	**(7.7)**	**1,580**	**(7.8)**	**1,561**	**(7.7)**	**1,579**	**(7.8)**	**1,817**	**(9.0)**	**1,824**	**(9.1)**	**1,746**	**(8.7)**	**20,145**	**(100.0)**
Grand Total	**5,338**	**(8.9)**	**4,759**	**(7.9)**	**5,279**	**(8.8)**	**4,776**	**(7.9)**	**5,070**	**(8.4)**	**4,847**	**(8.0)**	**4,784**	**(7.9)**	**4,650**	**(7.7)**	**4,704**	**(7.8)**	**5,148**	**(8.5)**	**5,611**	**(9.3)**	**5,297**	**(8.8)**	**60,263**	**(100.0)**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

TABLE 10 ADMISSIONS BY COUNTRY OF RESIDENCE AND YEAR, 2016 - 2018

Table 10 gives numbers of admissions (for those <16 years), by country of residence of the child, for each year of the reporting period. Country of residence is based on the validated home address of children.

Rows in this table show the number of admissions to UK and ROI PICUs, in each year of the reporting period, for children from each country of residence. The 'Total' column shows the number of admissions for children resident in each country who were admitted to a PICU in the UK or ROI any time during the reporting period.

	2016		2017		2018		Total	
Country of residence	n	(%)	n	(%)	n	(%)	n	(%)
England	15,235	(75.2)	14,859	(74.9)	15,294	(75.9)	**45,388**	**(75.3)**
Scotland	1,527	(7.5)	1,459	(7.4)	1,387	(6.9)	**4,373**	**(7.3)**
Northern Ireland	712	(3.5)	671	(3.4)	660	(3.3)	**2,043**	**(3.4)**
Wales	803	(4.0)	764	(3.8)	765	(3.8)	**2,332**	**(3.9)**
Republic of Ireland	1,426	(7.0)	1,425	(7.2)	1,400	(6.9)	**4,251**	**(7.1)**
Other UK	52	(0.1)	46	(0.1)	45	(0.2)	**143**	**(0.1)**
Out of Area	482	(2.4)	597	(3.0)	555	(2.8)	**1,634**	**(2.7)**
Missing	32	(0.2)	28	(0.1)	39	(0.2)	**99**	**(0.2)**
Total	**20,269**	**(33.6)**	**19,849**	**(32.9)**	**20,145**	**(33.4)**	**60,263**	**(100.0)**

Notes

1) All percentages are column percentages; no row percentages are presented in this table.

2) For children treated in England, Scotland or Wales, postcode is used to identify the patient's country of residence. For patients treated in Northern Ireland only the patient's country of residence was available. For patients treated in the Republic of Ireland the patient's county and country of residence are provided. We have validated address data for Northern Ireland and the Republic of Ireland through manual data checking with the units being asked to confirm the country of residence assigned in our analysis.

3) Other UK includes patients resident in the Isle of Man, Channel Islands

TABLE 10a ADMISSIONS BY COUNTRY OF ADMISSION AND COUNTRY OF RESIDENCE, 2016 - 2018

Table 10a gives the number children (<16 years) admitted to PICUs in each country, by patient country of residence (which is based on the validated home address of children).

Reading across the first row of this table shows the number and proportion of all admissions to PICUs in England over the reporting period that were for children resident in England; and the number and proportions of admissions to English PICUs that were for children not resident in England. The final 'Total' column shows the total number of admissions to PICUs in England in the reporting period.

	Treated in country of residence		Not treated in country of residence		Missing		Total	
	n	(%)	n	(%)	n	(%)	n	(%)
England	45,279	(93.1)	3,249	(6.7)	98	(0.2)	**48,626**	**(80.7)**
Scotland	4,203	(99.3)	29	(0.7)	0	(0.0)	**4,232**	**(7.0)**
Northern Ireland	1,566	(99.1)	13	(0.8)	1	(0.1)	**1,580**	**(2.6)**
Wales	1,444	(94.2)	89	(5.8)	0	(0.0)	**1,533**	**(2.5)**
Republic of Ireland	4,189	(97.6)	103	(2.4)	0	(0.0)	**4,292**	**(7.1)**
Total	**56,681**	**(94.1)**	**3,483**	**(5.8)**	**99**	**(0.2)**	**60,263**	**(100.0)**

Notes

1) For children treated in England, Scotland or Wales, postcode is used to identify the patient's country of residence. For patients treated in Northern Ireland only the patient's country of residence was available. For patients treated in the Republic of Ireland the patient's county and country of residence are provided. We have validated address data for Northern Ireland and the Republic of Ireland through manual data checking with the units being asked to confirm the country of residence assigned in our analysis.

2) 'Not treated in country of residence' includes children from the UK and ROI (excluding the relevant country), children from the Channel Islands and Isle of Man, children from out of area and children with missing country of residence.

TABLE 10b ADMISSIONS BY COUNTRY OF ADMISSION AND YEAR, 2016 - 2018

Table 10b gives the number children (<16 years) admitted to PICUs in each country, by year of admission.

Rows in this table show the number of admissions to PICUs in each country, by year of the reporting period and overall. Percentage show the proportion of all admissions in a given year that were to PICUs in each country.

	2016		2017		2018		Total	
Country of PICU	n	(%)	n	(%)	n	(%)	n	(%)
England	16,294	(80.4)	15,978	(80.5)	16,351	(81.2)	**48,623**	**(80.7)**
Scotland	1,486	(7.3)	1,393	(7.0)	1,353	(6.7)	**4,232**	**(7.0)**
Northern Ireland	557	(2.7)	522	(2.6)	501	(2.5)	**1,580**	**(2.6)**
Wales	530	(2.6)	493	(2.5)	510	(2.5)	**1,533**	**(2.5)**
Republic of Ireland	1,401	(6.9)	1,463	(7.4)	1,428	(7.1)	**4,292**	**(7.1)**
Total	**20,268**	**(100.0)**	**19,849**	**(100.0)**	**20,143**	**(100.0)**	**60,260**	**(100.0)**

Notes

1) Children of unknown age are excluded from this table (n=3)

2) All percentages are column percentages; no row percentages are presented in this table.

TABLE 11 ADMISSIONS BY PREDICTED MORTALITY RISK GROUP, BY HEALTH ORGANISATION, 2016 - 2018

Table 11 gives numbers of admissions by predicted mortality risk group by organisation for each year of the reporting period.

Rows in this table show the number of admissions, to each organisation in each year, where the patient fell into each of the PIM3 score groups. The final column of the first row shows the total number of admissions to each organisation in a given year.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, for a given organisation in a given year, were for patients in each PIM3 category. The percentages in the 'Total' column show column percentages, i.e. what proportion of all admissions for a specific year were accounted for by each organisation.

Year / Organisation	PIM3 GROUP											
	<1%		1-<5%		5-<15%		15-<30%		30%+		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016												
A	327	(50.3)	283	(43.5)	27	(4.2)	8	(1.2)	5	(0.8)	**650**	**(3.2)**
C	285	(53.8)	192	(36.2)	38	(7.2)	9	(1.7)	6	(1.1)	**530**	**(2.6)**
D	244	(33.3)	337	(46.0)	109	(14.9)	23	(3.1)	19	(2.6)	**732**	**(3.6)**
E1	307	(31.0)	458	(46.2)	173	(17.5)	36	(3.6)	17	(1.7)	**991**	**(4.9)**
E2	486	(56.8)	278	(32.5)	56	(6.5)	20	(2.3)	15	(1.8)	**855**	**(4.2)**
F	469	(40.6)	544	(47.1)	102	(8.8)	21	(1.8)	18	(1.6)	**1,154**	**(5.7)**
H	254	(44.1)	244	(42.4)	46	(8.0)	21	(3.6)	11	(1.9)	**576**	**(2.8)**
I	365	(48.7)	245	(32.7)	94	(12.6)	29	(3.9)	16	(2.1)	**749**	**(3.7)**
K2	127	(40.7)	133	(42.6)	43	(13.8)	5	(1.6)	4	(1.3)	**312**	**(1.5)**
K3	245	(39.3)	301	(48.2)	62	(9.9)	8	(1.3)	8	(1.3)	**624**	**(3.1)**
L	89	(33.1)	123	(45.7)	47	(17.5)	7	(2.6)	3	(1.1)	**269**	**(1.3)**
M	302	(47.6)	262	(41.3)	55	(8.7)	8	(1.3)	7	(1.1)	**634**	**(3.1)**
N	495	(58.6)	298	(35.3)	39	(4.6)	5	(0.6)	8	(0.9)	**845**	**(4.2)**
O	146	(25.0)	325	(55.7)	93	(15.9)	13	(2.2)	7	(1.2)	**584**	**(2.9)**
P	345	(36.6)	379	(40.2)	169	(17.9)	30	(3.2)	19	(2.0)	**942**	**(4.6)**
Q	317	(44.0)	297	(41.2)	90	(12.5)	10	(1.4)	7	(1.0)	**721**	**(3.6)**
R	359	(40.7)	356	(40.4)	126	(14.3)	27	(3.1)	13	(1.5)	**881**	**(4.3)**
S	86	(52.8)	67	(41.1)	8	(4.9)	0	(0.0)	2	(1.2)	**163**	**(0.8)**
T	296	(49.4)	247	(41.2)	43	(7.2)	6	(1.0)	7	(1.2)	**599**	**(3.0)**
U	97	(29.5)	153	(46.5)	58	(17.6)	12	(3.6)	9	(2.7)	**329**	**(1.6)**
V	398	(28.2)	648	(46.0)	253	(18.0)	65	(4.6)	45	(3.2)	**1,409**	**(7.0)**
W	280	(40.2)	294	(42.2)	93	(13.3)	12	(1.7)	18	(2.6)	**697**	**(3.4)**
X1	222	(48.9)	156	(34.4)	62	(13.7)	10	(2.2)	4	(0.9)	**454**	**(2.2)**
X2	165	(41.5)	204	(51.3)	22	(5.5)	7	(1.8)	0	(0.0)	**398**	**(2.0)**
Y	224	(43.5)	240	(46.6)	42	(8.2)	4	(0.8)	5	(1.0)	**515**	**(2.5)**
Z	155	(39.6)	196	(50.1)	36	(9.2)	2	(0.5)	2	(0.5)	**391**	**(1.9)**
ZA	556	(57.3)	341	(35.1)	55	(5.7)	9	(0.9)	10	(1.0)	**971**	**(4.8)**
ZB	245	(44.0)	253	(45.4)	51	(9.2)	5	(0.9)	3	(0.5)	**557**	**(2.7)**
ZC	361	(35.0)	460	(44.6)	152	(14.7)	39	(3.8)	19	(1.8)	**1,031**	**(5.1)**
ZD	163	(44.1)	157	(42.4)	38	(10.3)	8	(2.2)	4	(1.1)	**370**	**(1.8)**
ZE	184	(73.9)	54	(21.7)	4	(1.6)	4	(1.6)	3	(1.2)	**249**	**(1.2)**
ZF	61	(70.1)	22	(25.3)	4	(4.6)	0	(0.0)	0	(0.0)	**87**	**(0.4)**
Total	**8,655**	**(42.7)**	**8,547**	**(42.2)**	**2,290**	**(11.3)**	**463**	**(2.3)**	**314**	**(1.5)**	**20,269**	**(100.0)**
2017												
A	319	(51.9)	243	(39.5)	30	(4.9)	7	(1.1)	16	(2.6)	**615**	**(3.1)**
C	259	(52.5)	185	(37.5)	34	(6.9)	10	(2.0)	5	(1.0)	**493**	**(2.5)**
D	143	(24.7)	309	(53.4)	98	(16.9)	15	(2.6)	14	(2.4)	**579**	**(2.9)**
E1	280	(29.4)	459	(48.3)	142	(14.9)	49	(5.2)	21	(2.2)	**951**	**(4.8)**
E2	456	(59.7)	221	(28.9)	75	(9.8)	7	(0.9)	5	(0.7)	**764**	**(3.8)**
F	427	(39.4)	531	(48.9)	93	(8.6)	20	(1.8)	14	(1.3)	**1085**	**(5.5)**
H	210	(42.3)	220	(44.3)	49	(9.9)	13	(2.6)	5	(1.0)	**497**	**(2.5)**
I	359	(50.5)	226	(31.8)	77	(10.8)	24	(3.4)	25	(3.5)	**711**	**(3.6)**
K2	135	(46.2)	116	(39.7)	35	(12.0)	3	(1.0)	3	(1.0)	**292**	**(1.5)**
K3	258	(39.9)	302	(46.7)	62	(9.6)	17	(2.6)	7	(1.1)	**646**	**(3.3)**
L	96	(33.2)	136	(47.1)	41	(14.2)	11	(3.8)	5	(1.7)	**289**	**(1.5)**
M	291	(46.6)	263	(42.1)	47	(7.5)	12	(1.9)	12	(1.9)	**625**	**(3.1)**
N	480	(65.5)	207	(28.2)	33	(4.5)	5	(0.7)	8	(1.1)	**733**	**(3.7)**
O	142	(24.2)	320	(54.5)	105	(17.9)	15	(2.6)	5	(0.9)	**587**	**(3.0)**
P	358	(36.3)	395	(40.1)	185	(18.8)	30	(3.0)	17	(1.7)	**985**	**(5.0)**
Q	305	(41.7)	332	(45.4)	77	(10.5)	8	(1.1)	10	(1.4)	**732**	**(3.7)**
R	377	(41.2)	375	(40.9)	125	(13.6)	15	(1.6)	24	(2.6)	**916**	**(4.6)**
S	169	(57.5)	109	(37.1)	10	(3.4)	2	(0.7)	4	(1.4)	**294**	**(1.5)**
T	309	(50.6)	251	(41.1)	39	(6.4)	6	(1.0)	6	(1.0)	**611**	**(3.1)**
U	125	(39.2)	147	(46.1)	31	(9.7)	6	(1.9)	10	(3.1)	**319**	**(1.6)**
V	409	(30.2)	617	(45.6)	242	(17.9)	69	(5.1)	16	(1.2)	**1353**	**(6.8)**
W	237	(32.7)	352	(48.6)	105	(14.5)	13	(1.8)	17	(2.3)	**724**	**(3.6)**
X1	181	(46.6)	157	(40.5)	45	(11.6)	2	(0.5)	3	(0.8)	**388**	**(2.0)**
X2	176	(47.4)	156	(42.0)	27	(7.3)	9	(2.4)	3	(0.8)	**371**	**(1.9)**
Y	230	(46.3)	218	(43.9)	43	(8.7)	2	(0.4)	4	(0.8)	**497**	**(2.5)**
Z	161	(39.6)	204	(50.1)	35	(8.6)	4	(1.0)	3	(0.7)	**407**	**(2.1)**
ZA	522	(58.3)	305	(34.0)	55	(6.1)	10	(1.1)	4	(0.4)	**896**	**(4.5)**
ZB	264	(50.6)	199	(38.1)	44	(8.4)	7	(1.3)	8	(1.5)	**522**	**(2.6)**
ZC	403	(39.3)	456	(44.4)	134	(13.1)	20	(1.9)	13	(1.3)	**1026**	**(5.2)**
ZD	212	(48.5)	159	(36.4)	45	(10.3)	12	(2.7)	9	(2.1)	**437**	**(2.2)**
ZE	380	(86.8)	57	(13.0)	1	(0.2)	0	(0.0)	0	(0.0)	**438**	**(2.2)**
ZF	49	(74.2)	14	(21.2)	3	(4.5)	0	(0.0)	0	(0.0)	**66**	**(0.3)**
Total	**8,722**	**(43.9)**	**8,241**	**(41.5)**	**2,167**	**(10.9)**	**423**	**(2.1)**	**296**	**(1.5)**	**19,849**	**(100.0)**
2018												
A	292	(53.5)	211	(38.6)	26	(4.8)	7	(1.3)	10	(1.8)	**546**	**(2.7)**
C	279	(54.7)	167	(32.7)	46	(9.0)	6	(1.2)	12	(2.4)	**510**	**(2.5)**
D	573	(50.6)	431	(38.0)	92	(8.1)	17	(1.5)	20	(1.8)	**1133**	**(5.6)**
E1	365	(34.1)	490	(45.8)	153	(14.3)	47	(4.4)	16	(1.5)	**1071**	**(5.3)**
E2	447	(57.6)	245	(31.6)	66	(8.5)	13	(1.7)	5	(0.6)	**776**	**(3.9)**
F	461	(42.0)	503	(45.9)	105	(9.6)	14	(1.3)	14	(1.3)	**1097**	**(5.4)**
H	218	(40.2)	252	(46.5)	51	(9.4)	14	(2.6)	7	(1.3)	**542**	**(2.7)**
I	321	(47.6)	239	(35.4)	75	(11.1)	22	(3.3)	18	(2.7)	**675**	**(3.4)**
K2	152	(46.9)	126	(38.9)	39	(12.0)	5	(1.5)	2	(0.6)	**324**	**(1.6)**
K3	284	(44.4)	281	(44.0)	47	(7.4)	16	(2.5)	11	(1.7)	**639**	**(3.2)**
L	120	(43.3)	127	(45.8)	21	(7.6)	3	(1.1)	6	(2.2)	**277**	**(1.4)**
M	305	(48.1)	282	(44.5)	19	(3.0)	13	(2.1)	15	(2.4)	**634**	**(3.1)**
N	574	(71.5)	190	(23.7)	28	(3.5)	6	(0.7)	5	(0.6)	**803**	**(4.0)**
O	187	(32.7)	283	(49.6)	81	(14.2)	14	(2.5)	6	(1.1)	**571**	**(2.8)**
P	359	(37.7)	344	(36.2)	191	(20.1)	41	(4.3)	16	(1.7)	**951**	**(4.7)**
Q	319	(42.9)	311	(41.8)	87	(11.7)	19	(2.6)	8	(1.1)	**744**	**(3.7)**
R	350	(39.9)	401	(45.7)	104	(11.9)	12	(1.4)	10	(1.1)	**877**	**(4.4)**
S	152	(47.8)	158	(49.7)	6	(1.9)	2	(0.6)	0	(0.0)	**318**	**(1.6)**
T	289	(51.5)	213	(38.0)	41	(7.3)	14	(2.5)	4	(0.7)	**561**	**(2.8)**
U	121	(37.7)	147	(45.8)	36	(11.2)	9	(2.8)	8	(2.5)	**321**	**(1.6)**
V	330	(27.3)	574	(47.4)	208	(17.2)	64	(5.3)	35	(2.9)	**1211**	**(6.0)**
W	272	(38.0)	304	(42.5)	108	(15.1)	12	(1.7)	20	(2.8)	**716**	**(3.6)**
X1	208	(47.5)	159	(36.3)	54	(12.3)	12	(2.7)	5	(1.1)	**438**	**(2.2)**
X2	171	(43.8)	183	(46.9)	23	(5.9)	8	(2.1)	5	(1.3)	**390**	**(1.9)**
Y	231	(46.2)	231	(46.2)	32	(6.4)	1	(0.2)	5	(1.0)	**500**	**(2.5)**
Z	131	(33.1)	219	(55.3)	35	(8.8)	7	(1.8)	4	(1.0)	**396**	**(2.0)**
ZA	518	(60.7)	266	(31.2)	49	(5.7)	12	(1.4)	8	(0.9)	**853**	**(4.2)**
ZB	257	(51.3)	194	(38.7)	38	(7.6)	8	(1.6)	4	(0.8)	**501**	**(2.5)**
ZC	390	(38.1)	460	(45.0)	138	(13.5)	29	(2.8)	6	(0.6)	**1023**	**(5.1)**
ZD	194	(47.9)	155	(38.3)	38	(9.4)	14	(3.5)	4	(1.0)	**405**	**(2.0)**
ZE	212	(84.8)	36	(14.4)	2	(0.8)	0	(0.0)	0	(0.0)	**250**	**(1.2)**
ZF	64	(69.6)	21	(22.8)	5	(5.4)	2	(2.2)	0	(0.0)	**92**	**(0.5)**
Total	**9,146**	**(45.4)**	**8,203**	**(40.7)**	**2,044**	**(10.1)**	**463**	**(2.3)**	**289**	**(1.4)**	**20,145**	**(100.0)**
Grand Total	**26,523**	**(44.0)**	**24,991**	**(41.5)**	**6,501**	**(10.8)**	**1,349**	**(2.2)**	**899**	**(1.5)**	**60,263**	**(100.0)**

Notes

1) Organisation ZA did not submit PIM3 data prior to 2017 and is therefore excluded for 2016

2) The categorisation into <1%, 1-<5%, 5%-<15%, 15-<30% and 30% plus expected probability of mortality reflects those used by the Australian and New Zealand Intensive Care Society (ANZPICS)[REF(3)] for comparability.

3) The expected probability of mortality was estimated using the Paediatric Index of Mortality 3 (PIM3)[REF(4)] recalibrated in 2019.

4) Recalibrated PIM3 co-efficients for 2019 can be found in Table 50c(ii)

TABLE 12 ADMISSIONS BY ADMISSION TYPE AND AGE, 2016 - 2018

Table 12 presents the number of admissions to PICU for children (<16 years), by admission type and age group in years for the whole reporting period combined.

Rows in this table show the number of admissions of each type in each age category, over the whole reporting period. The 'Total' column shows the total number of admissions over the reporting period which were of each type.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, of a given type, were for children in each age category. The percentages in the 'Total' column show column percentages, i.e. what proportion of admissions for a specific year fell into each admission type category.

Admission Type	AGE GROUP (YEARS)									
	<1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
Planned - following surgery	7,900	(38.7)	5,513	(27.0)	3,468	(17.0)	3,534	(17.3)	**20,415**	**(33.9)**
Unplanned - following surgery	1,135	(35.5)	939	(29.4)	552	(17.3)	573	(17.9)	**3,199**	**(5.3)**
Planned - other	1,997	(56.6)	600	(17.0)	447	(12.7)	484	(13.7)	**3,528**	**(5.9)**
Unplanned - other	15,658	(47.3)	8,694	(26.3)	4,793	(14.5)	3,948	(11.9)	**33,093**	**(54.9)**
Unknown	7	(28.0)	6	(24.0)	8	(32.0)	4	(16.0)	**25**	**(0.0)**
Total	**26,697**	**(44.3)**	**15,752**	**(26.1)**	**9,268**	**(15.4)**	**8,543**	**(14.2)**	**60,260**	**(100.0)**

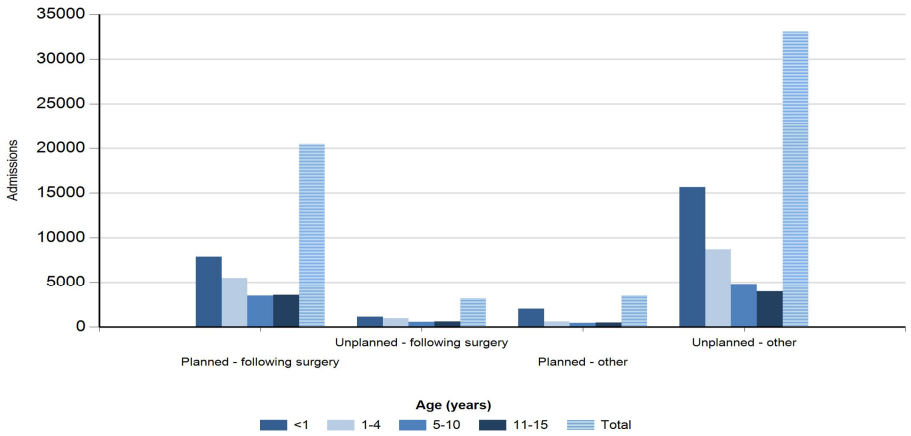
Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) Further information on the definition of each admission type can be found on the Data Description tab.

FIGURE 12 ADMISSIONS BY ADMISSION TYPE AND AGE, 2016 - 2018

Figure 12 presents the number of admissions to PICU for children (<16 years), by admission type and age group in years alongside the total number of admissions of each type. The higher the bar, the more admissions are represented.



Notes

1) Admissions where the child's age is unknown are excluded from this figure (n=3)

2) Further information on the definition of each admission type can be found on the Data Description tab.

TABLE 13 ADMISSIONS BY ADMISSION TYPE, BY HEALTH ORGANISATION, 2016 - 2018

Table 13 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by admission type and organisation.

Rows in this table show the number of admission of each type to each PICU, in each year of the reporting period. The 'Total' column shows the total number of admissions to each unit in each year of the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, for a given organisation in a given year, were for admissions of each type. The percentages in the 'Total' column show column percentages, i.e. what proportion of all admissions for a specific year were accounted for by each organisation.

Year / Organisation	ADMISSION TYPE: Planned - following surgery		Unplanned - following surgery		Planned - other		Unplanned - other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016												
A	171	(26.3)	46	(7.1)	57	(8.8)	375	(57.7)	1	(0.2)	**650**	**(3.2)**
C	145	(27.4)	28	(5.3)	10	(1.9)	347	(65.5)	0	(0.0)	**530**	**(2.6)**
D	136	(18.6)	67	(9.2)	9	(1.2)	519	(70.9)	1	(0.1)	**732**	**(3.6)**
E1	214	(21.6)	45	(4.5)	172	(17.4)	560	(56.5)	0	(0.0)	**991**	**(4.9)**
E2	594	(69.5)	14	(1.6)	59	(6.9)	188	(22.0)	0	(0.0)	**855**	**(4.2)**
F	413	(35.8)	53	(4.6)	54	(4.7)	634	(54.9)	0	(0.0)	**1,154**	**(5.7)**
H	139	(24.1)	41	(7.1)	37	(6.4)	359	(62.3)	0	(0.0)	**576**	**(2.8)**
I	358	(47.8)	52	(6.9)	17	(2.3)	322	(43.0)	0	(0.0)	**749**	**(3.7)**
K2	181	(58.0)	13	(4.2)	35	(11.2)	83	(26.6)	0	(0.0)	**312**	**(1.5)**
K3	156	(25.0)	70	(11.2)	21	(3.4)	377	(60.4)	0	(0.0)	**624**	**(3.1)**
L	20	(7.4)	5	(1.9)	12	(4.5)	232	(86.2)	0	(0.0)	**269**	**(1.3)**
M	155	(24.4)	41	(6.5)	30	(4.7)	407	(64.2)	1	(0.2)	**634**	**(3.1)**
N	334	(39.5)	26	(3.1)	19	(2.2)	466	(55.1)	0	(0.0)	**845**	**(4.2)**
O	314	(53.8)	6	(1.0)	31	(5.3)	232	(39.7)	1	(0.2)	**584**	**(2.9)**
P	392	(41.6)	27	(2.9)	19	(2.0)	504	(53.5)	0	(0.0)	**942**	**(4.6)**
Q	189	(26.2)	44	(6.1)	34	(4.7)	452	(62.7)	2	(0.3)	**721**	**(3.6)**
R	326	(37.0)	29	(3.3)	13	(1.5)	513	(58.2)	0	(0.0)	**881**	**(4.3)**
S	18	(11.0)	1	(0.6)	6	(3.7)	138	(84.7)	0	(0.0)	**163**	**(0.8)**
T	163	(27.2)	27	(4.5)	9	(1.5)	399	(66.6)	1	(0.2)	**599**	**(3.0)**
U	22	(6.7)	16	(4.9)	3	(0.9)	288	(87.5)	0	(0.0)	**329**	**(1.6)**
V	454	(32.2)	82	(5.8)	44	(3.1)	829	(58.8)	0	(0.0)	**1,409**	**(7.0)**
W	291	(41.8)	35	(5.0)	10	(1.4)	361	(51.8)	0	(0.0)	**697**	**(3.4)**
X1	228	(50.2)	2	(0.4)	91	(20.0)	133	(29.3)	0	(0.0)	**454**	**(2.2)**
X2	50	(12.6)	19	(4.8)	33	(8.3)	295	(74.1)	1	(0.3)	**398**	**(2.0)**
Y	129	(25.0)	30	(5.8)	25	(4.9)	331	(64.3)	0	(0.0)	**515**	**(2.5)**
Z	34	(8.7)	31	(7.9)	10	(2.6)	316	(80.8)	0	(0.0)	**391**	**(1.9)**
ZA	438	(45.1)	75	(7.7)	17	(1.8)	441	(45.4)	0	(0.0)	**971**	**(4.8)**
ZB	135	(24.2)	47	(8.4)	16	(2.9)	359	(64.5)	0	(0.0)	**557**	**(2.7)**
ZC	343	(33.3)	42	(4.1)	57	(5.5)	589	(57.1)	0	(0.0)	**1,031**	**(5.1)**
ZD	86	(23.2)	14	(3.8)	20	(5.4)	250	(67.6)	0	(0.0)	**370**	**(1.8)**
ZE	158	(63.5)	2	(0.8)	70	(28.1)	19	(7.6)	0	(0.0)	**249**	**(1.2)**
ZF	44	(50.6)	7	(8.0)	20	(23.0)	15	(17.2)	1	(1.1)	**87**	**(0.4)**
Total	**6,830**	**(33.7)**	**1,037**	**(5.1)**	**1,060**	**(5.2)**	**11,333**	**(55.9)**	**9**	**(0.0)**	20,269	(100.0)
2017												
A	156	(25.4)	47	(7.6)	58	(9.4)	354	(57.6)	0	(0.0)	**615**	**(3.1)**
C	154	(31.2)	18	(3.7)	6	(1.2)	315	(63.9)	0	(0.0)	**493**	**(2.5)**
D	76	(13.1)	65	(11.2)	11	(1.9)	427	(73.7)	0	(0.0)	**579**	**(2.9)**
E1	190	(20.0)	58	(6.1)	195	(20.5)	508	(53.4)	0	(0.0)	**951**	**(4.8)**
E2	526	(68.8)	10	(1.3)	70	(9.2)	158	(20.7)	0	(0.0)	**764**	**(3.8)**
F	417	(38.4)	53	(4.9)	70	(6.5)	545	(50.2)	0	(0.0)	**1,085**	**(5.5)**
H	120	(24.1)	53	(10.7)	41	(8.2)	283	(56.9)	0	(0.0)	**497**	**(2.5)**
I	373	(52.5)	55	(7.7)	15	(2.1)	268	(37.7)	0	(0.0)	**711**	**(3.6)**
K2	175	(59.9)	5	(1.7)	43	(14.7)	69	(23.6)	0	(0.0)	**292**	**(1.5)**
K3	155	(24.0)	67	(10.4)	31	(4.8)	393	(60.8)	0	(0.0)	**646**	**(3.3)**
L	23	(8.0)	17	(5.9)	6	(2.1)	242	(83.7)	1	(0.3)	**289**	**(1.5)**
M	146	(23.4)	32	(5.1)	31	(5.0)	413	(66.1)	3	(0.5)	**625**	**(3.1)**
N	322	(43.9)	20	(2.7)	13	(1.8)	378	(51.6)	0	(0.0)	**733**	**(3.7)**
O	280	(47.7)	3	(0.5)	30	(5.1)	274	(46.7)	0	(0.0)	**587**	**(3.0)**
P	428	(43.5)	20	(2.0)	23	(2.3)	514	(52.2)	0	(0.0)	**985**	**(5.0)**
Q	190	(26.0)	60	(8.2)	22	(3.0)	456	(62.3)	4	(0.5)	**732**	**(3.7)**
R	362	(39.5)	37	(4.0)	25	(2.7)	492	(53.7)	0	(0.0)	**916**	**(4.6)**
S	27	(9.2)	18	(6.1)	11	(3.7)	238	(81.0)	0	(0.0)	**294**	**(1.5)**
T	162	(26.5)	38	(6.2)	11	(1.8)	400	(65.5)	0	(0.0)	**611**	**(3.1)**
U	24	(7.5)	8	(2.5)	2	(0.6)	285	(89.3)	0	(0.0)	**319**	**(1.6)**
V	422	(31.2)	123	(9.1)	55	(4.1)	753	(55.7)	0	(0.0)	**1,353**	**(6.8)**
W	296	(40.9)	39	(5.4)	8	(1.1)	381	(52.6)	0	(0.0)	**724**	**(3.6)**
X1	193	(49.7)	0	(0.0)	79	(20.4)	116	(29.9)	0	(0.0)	**388**	**(2.0)**
X2	80	(21.6)	18	(4.9)	30	(8.1)	243	(65.5)	0	(0.0)	**371**	**(1.9)**
Y	146	(29.4)	36	(7.2)	19	(3.8)	295	(59.4)	1	(0.2)	**497**	**(2.5)**
Z	41	(10.1)	26	(6.4)	5	(1.2)	335	(82.3)	0	(0.0)	**407**	**(2.1)**
ZA	402	(44.9)	46	(5.1)	39	(4.4)	403	(45.0)	6	(0.7)	**896**	**(4.5)**
ZB	148	(28.4)	41	(7.9)	18	(3.4)	315	(60.3)	0	(0.0)	**522**	**(2.6)**
ZC	396	(38.6)	51	(5.0)	53	(5.2)	526	(51.3)	0	(0.0)	**1,026**	**(5.2)**
ZD	109	(24.9)	17	(3.9)	7	(1.6)	304	(69.6)	0	(0.0)	**437**	**(2.2)**
ZE	156	(35.6)	1	(0.2)	266	(60.7)	15	(3.4)	0	(0.0)	**438**	**(2.2)**
ZF	41	(62.1)	4	(6.1)	7	(10.6)	13	(19.7)	1	(1.5)	**66**	**(0.3)**
Total	**6,736**	**(33.9)**	**1,086**	**(5.5)**	**1,300**	**(6.5)**	**10,711**	**(54.0)**	**16**	**(0.1)**	19,849	(100.0)

Year / Organisation	ADMISSION TYPE: Planned - following surgery		Unplanned - following surgery		Planned - other		Unplanned - other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018												
A	145	(26.6)	51	(9.3)	48	(8.8)	302	(55.3)	0	(0.0)	**546**	**(2.7)**
C	172	(33.7)	19	(3.7)	4	(0.8)	315	(61.8)	0	(0.0)	**510**	**(2.5)**
D	341	(30.1)	96	(8.5)	13	(1.1)	683	(60.3)	0	(0.0)	**1,133**	**(5.6)**
E1	254	(23.7)	54	(5.0)	186	(17.4)	577	(53.9)	0	(0.0)	**1,071**	**(5.3)**
E2	543	(70.0)	7	(0.9)	54	(7.0)	172	(22.2)	0	(0.0)	**776**	**(3.9)**
F	416	(37.9)	60	(5.5)	60	(5.5)	561	(51.1)	0	(0.0)	**1,097**	**(5.4)**
H	115	(21.2)	40	(7.4)	62	(11.4)	325	(60.0)	0	(0.0)	**542**	**(2.7)**
I	344	(51.0)	50	(7.4)	10	(1.5)	271	(40.1)	0	(0.0)	**675**	**(3.4)**
K2	197	(60.8)	5	(1.5)	48	(14.8)	74	(22.8)	0	(0.0)	**324**	**(1.6)**
K3	155	(24.3)	66	(10.3)	26	(4.1)	392	(61.3)	0	(0.0)	**639**	**(3.2)**
L	26	(9.4)	4	(1.4)	7	(2.5)	240	(86.6)	0	(0.0)	**277**	**(1.4)**
M	136	(21.5)	45	(7.1)	41	(6.5)	412	(65.0)	0	(0.0)	**634**	**(3.1)**
N	368	(45.8)	14	(1.7)	16	(2.0)	405	(50.4)	0	(0.0)	**803**	**(4.0)**
O	301	(52.7)	3	(0.5)	25	(4.4)	242	(42.4)	0	(0.0)	**571**	**(2.8)**
P	407	(42.8)	20	(2.1)	29	(3.0)	495	(52.1)	0	(0.0)	**951**	**(4.7)**
Q	191	(25.7)	64	(8.6)	20	(2.7)	469	(63.0)	0	(0.0)	**744**	**(3.7)**
R	308	(35.1)	33	(3.8)	24	(2.7)	512	(58.4)	0	(0.0)	**877**	**(4.4)**
S	32	(10.1)	10	(3.1)	15	(4.7)	261	(82.1)	0	(0.0)	**318**	**(1.6)**
T	149	(26.6)	24	(4.3)	18	(3.2)	370	(66.0)	0	(0.0)	**561**	**(2.8)**
U	36	(11.2)	10	(3.1)	4	(1.2)	271	(84.4)	0	(0.0)	**321**	**(1.6)**
V	361	(29.8)	103	(8.5)	56	(4.6)	691	(57.1)	0	(0.0)	**1,211**	**(6.0)**
W	286	(39.9)	43	(6.0)	7	(1.0)	380	(53.1)	0	(0.0)	**716**	**(3.6)**
X1	222	(50.7)	8	(1.8)	61	(13.9)	147	(33.6)	0	(0.0)	**438**	**(2.2)**
X2	56	(14.4)	21	(5.4)	28	(7.2)	285	(73.1)	0	(0.0)	**390**	**(1.9)**
Y	148	(29.6)	32	(6.4)	13	(2.6)	307	(61.4)	0	(0.0)	**500**	**(2.5)**
Z	45	(11.4)	25	(6.3)	8	(2.0)	318	(80.3)	0	(0.0)	**396**	**(2.0)**
ZA	364	(42.7)	38	(4.5)	53	(6.2)	398	(46.7)	0	(0.0)	**853**	**(4.2)**
ZB	128	(25.5)	50	(10.0)	15	(3.0)	308	(61.5)	0	(0.0)	**501**	**(2.5)**
ZC	364	(35.6)	59	(5.8)	62	(6.1)	538	(52.6)	0	(0.0)	**1,023**	**(5.1)**
ZD	83	(20.5)	17	(4.2)	10	(2.5)	295	(72.8)	0	(0.0)	**405**	**(2.0)**
ZE	109	(43.6)	0	(0.0)	130	(52.0)	11	(4.4)	0	(0.0)	**250**	**(1.2)**
ZF	50	(54.3)	5	(5.4)	15	(16.3)	22	(23.9)	0	(0.0)	**92**	**(0.5)**
Total	**6,852**	**(34.0)**	**1,076**	**(5.3)**	**1,168**	**(5.8)**	**11,049**	**(54.8)**	**0**	**(0.0)**	20,145	(100.0)
Grand Total	**20,418**	**(33.9)**	**3,199**	**(5.3)**	**3,528**	**(5.9)**	**33,093**	**(54.9)**	**25**	**(0.0)**	60,263	(100.0)

Notes

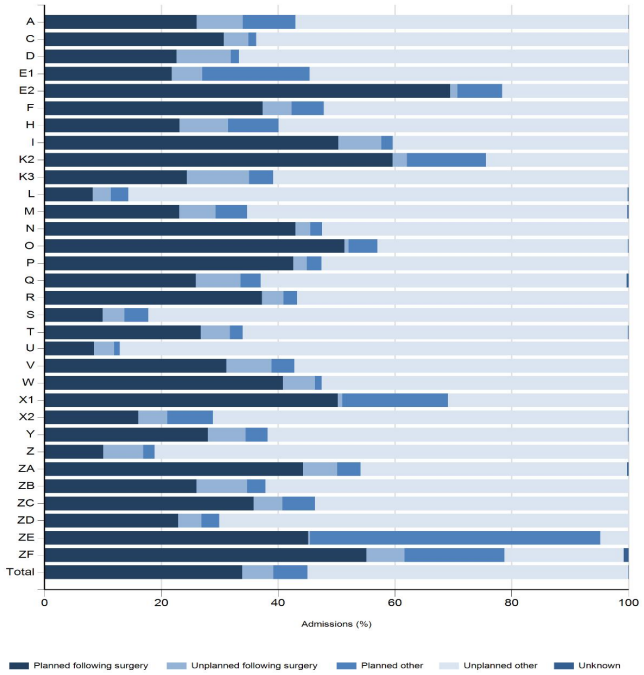
1) Children with unknown age are included in this table and hence totals may differ from Table 12

2) Further information on the definition of each admission type can be found on the Data Description tab.

Year / Organisation	ADMISSION TYPE											
	Planned - following surgery		Unplanned - following surgery		Planned - other		Unplanned - other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)

FIGURE 13 ADMISSIONS BY ADMISSION TYPE, BY HEALTH ORGANISATION, 2016 - 2018

Figure 13 shows the number of admissions to PICU falling into each admission category, by organisation, over the three years of the reporting period combined. The larger the bar, t were accounted for by the corresponding admission type.



Notes

1) Children with unknown age are included in this figure and hence totals may differ from Table 12

2) Further information on the definition of each admission type can be found on the Data Description tab.

TABLE 14 ADMISSIONS BY SOURCE OF ADMISSION (ADMISSION TYPE UNPLANNED - OTHER), BY HEALTH ORGANISATION, 2016 - 2018

Table 14 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by admission source and organisation for patients with an "unplanned - other" admission type.

Rows in this table show the number of admissions, to each organisation, from each admission source, in each year of the reporting period. The 'Total' column shows the total number of admissions to each unit in each year of the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, for a given organisation in a given year, were from a given admission source. The percentages in the 'Total' column show column percentages, i.e. what proportion of all admissions for a specific year were accounted for by each organisation.

Year / Organisation	ADMISSION SOURCE											
	Same hospital		Other hospital		Clinic		Home		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016												
A	202	(53.9)	169	(45.1)	2	(0.5)	2	(0.5)	0	(0.0)	**375**	**(3.3)**
C	186	(53.6)	158	(45.5)	0	(0.0)	3	(0.9)	0	(0.0)	**347**	**(3.1)**
D	273	(52.6)	246	(47.4)	0	(0.0)	0	(0.0)	0	(0.0)	**519**	**(4.6)**
E1	126	(22.5)	432	(77.1)	0	(0.0)	2	(0.4)	0	(0.0)	**560**	**(4.9)**
E2	76	(40.4)	109	(58.0)	1	(0.5)	2	(1.1)	0	(0.0)	**188**	**(1.7)**
F	180	(28.4)	454	(71.6)	0	(0.0)	0	(0.0)	0	(0.0)	**634**	**(5.6)**
H	182	(50.7)	166	(46.2)	0	(0.0)	10	(2.8)	1	(0.3)	**359**	**(3.2)**
I	161	(50.0)	161	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	**322**	**(2.8)**
K2	51	(61.4)	32	(38.6)	0	(0.0)	0	(0.0)	0	(0.0)	**83**	**(0.7)**
K3	189	(50.1)	188	(49.9)	0	(0.0)	0	(0.0)	0	(0.0)	**377**	**(3.3)**
L	62	(26.7)	169	(72.8)	0	(0.0)	1	(0.4)	0	(0.0)	**232**	**(2.0)**
M	282	(69.3)	124	(30.5)	0	(0.0)	1	(0.2)	0	(0.0)	**407**	**(3.6)**
N	282	(60.5)	183	(39.3)	1	(0.2)	0	(0.0)	0	(0.0)	**466**	**(4.1)**
O	36	(15.5)	196	(84.5)	0	(0.0)	0	(0.0)	0	(0.0)	**232**	**(2.0)**
P	200	(39.7)	297	(58.9)	0	(0.0)	6	(1.2)	1	(0.2)	**504**	**(4.4)**
Q	264	(58.4)	186	(41.2)	1	(0.2)	1	(0.2)	0	(0.0)	**452**	**(4.0)**
R	184	(35.9)	329	(64.1)	0	(0.0)	0	(0.0)	0	(0.0)	**513**	**(4.5)**
S	117	(84.8)	17	(12.3)	0	(0.0)	4	(2.9)	0	(0.0)	**138**	**(1.2)**
T	165	(41.4)	233	(58.4)	0	(0.0)	1	(0.3)	0	(0.0)	**399**	**(3.5)**
U	77	(26.7)	211	(73.3)	0	(0.0)	0	(0.0)	0	(0.0)	**288**	**(2.5)**
V	553	(66.7)	274	(33.1)	0	(0.0)	2	(0.2)	0	(0.0)	**829**	**(7.3)**
W	175	(48.5)	186	(51.5)	0	(0.0)	0	(0.0)	0	(0.0)	**361**	**(3.2)**
X1	33	(24.8)	100	(75.2)	0	(0.0)	0	(0.0)	0	(0.0)	**133**	**(1.2)**
X2	258	(87.5)	36	(12.2)	0	(0.0)	0	(0.0)	1	(0.3)	**295**	**(2.6)**
Y	214	(64.7)	114	(34.4)	0	(0.0)	3	(0.9)	0	(0.0)	**331**	**(2.9)**
Z	165	(52.2)	151	(47.8)	0	(0.0)	0	(0.0)	0	(0.0)	**316**	**(2.8)**
ZA	294	(66.7)	147	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	**441**	**(3.9)**
ZB	182	(50.7)	177	(49.3)	0	(0.0)	0	(0.0)	0	(0.0)	**359**	**(3.2)**
ZC	333	(56.5)	255	(43.3)	0	(0.0)	1	(0.2)	0	(0.0)	**589**	**(5.2)**
ZD	94	(37.6)	156	(62.4)	0	(0.0)	0	(0.0)	0	(0.0)	**250**	**(2.2)**
ZE	12	(63.2)	3	(15.8)	2	(10.5)	2	(10.5)	0	(0.0)	**19**	**(0.2)**
ZF	9	(60.0)	3	(20.0)	3	(20.0)	0	(0.0)	0	(0.0)	**15**	**(0.1)**
Total	**5,617**	**(49.6)**	**5,662**	**(50.0)**	**10**	**(0.1)**	**41**	**(0.4)**	**3**	**(0.0)**	11,333	(100.0)

Year / Organisation	ADMISSION SOURCE											
	Same hospital		Other hospital		Clinic		Home		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2017												
A	186	(52.5)	167	(47.2)	0	(0.0)	1	(0.3)	0	(0.0)	**354**	**(3.3)**
C	174	(55.2)	141	(44.8)	0	(0.0)	0	(0.0)	0	(0.0)	**315**	**(2.9)**
D	257	(60.2)	170	(39.8)	0	(0.0)	0	(0.0)	0	(0.0)	**427**	**(4.0)**
E1	114	(22.4)	393	(77.4)	0	(0.0)	1	(0.2)	0	(0.0)	**508**	**(4.7)**
E2	61	(38.6)	95	(60.1)	2	(1.3)	0	(0.0)	0	(0.0)	**158**	**(1.5)**
F	190	(34.9)	355	(65.1)	0	(0.0)	0	(0.0)	0	(0.0)	**545**	**(5.1)**
H	141	(49.8)	130	(45.9)	0	(0.0)	12	(4.2)	0	(0.0)	**283**	**(2.6)**
I	152	(56.7)	116	(43.3)	0	(0.0)	0	(0.0)	0	(0.0)	**268**	**(2.5)**
K2	46	(66.7)	23	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	**69**	**(0.6)**
K3	178	(45.3)	215	(54.7)	0	(0.0)	0	(0.0)	0	(0.0)	**393**	**(3.7)**
L	60	(24.8)	180	(74.4)	1	(0.4)	1	(0.4)	0	(0.0)	**242**	**(2.3)**
M	241	(58.4)	171	(41.4)	0	(0.0)	1	(0.2)	0	(0.0)	**413**	**(3.9)**
N	211	(55.8)	166	(43.9)	0	(0.0)	0	(0.0)	1	(0.3)	**378**	**(3.5)**
O	64	(23.4)	208	(75.9)	1	(0.4)	1	(0.4)	0	(0.0)	**274**	**(2.6)**
P	208	(40.5)	305	(59.3)	0	(0.0)	1	(0.2)	0	(0.0)	**514**	**(4.8)**
Q	301	(66.0)	152	(33.3)	1	(0.2)	2	(0.4)	0	(0.0)	**456**	**(4.3)**
R	155	(31.5)	336	(68.3)	0	(0.0)	1	(0.2)	0	(0.0)	**492**	**(4.6)**
S	227	(95.4)	10	(4.2)	0	(0.0)	1	(0.4)	0	(0.0)	**238**	**(2.2)**
T	161	(40.3)	239	(59.8)	0	(0.0)	0	(0.0)	0	(0.0)	**400**	**(3.7)**
U	104	(36.5)	181	(63.5)	0	(0.0)	0	(0.0)	0	(0.0)	**285**	**(2.7)**
V	500	(66.4)	253	(33.6)	0	(0.0)	0	(0.0)	0	(0.0)	**753**	**(7.0)**
W	179	(47.0)	202	(53.0)	0	(0.0)	0	(0.0)	0	(0.0)	**381**	**(3.6)**
X1	40	(34.5)	74	(63.8)	0	(0.0)	1	(0.9)	1	(0.9)	**116**	**(1.1)**
X2	196	(80.7)	44	(18.1)	0	(0.0)	1	(0.4)	2	(0.8)	**243**	**(2.3)**
Y	179	(60.7)	115	(39.0)	0	(0.0)	1	(0.3)	0	(0.0)	**295**	**(2.8)**
Z	207	(61.8)	124	(37.0)	0	(0.0)	4	(1.2)	0	(0.0)	**335**	**(3.1)**
ZA	277	(68.7)	123	(30.5)	0	(0.0)	1	(0.2)	2	(0.5)	**403**	**(3.8)**
ZB	152	(48.3)	163	(51.7)	0	(0.0)	0	(0.0)	0	(0.0)	**315**	**(2.9)**
ZC	310	(58.9)	215	(40.9)	1	(0.2)	0	(0.0)	0	(0.0)	**526**	**(4.9)**
ZD	121	(39.8)	183	(60.2)	0	(0.0)	0	(0.0)	0	(0.0)	**304**	**(2.8)**
ZE	11	(73.3)	1	(6.7)	2	(13.3)	1	(6.7)	0	(0.0)	**15**	**(0.1)**
ZF	11	(84.6)	1	(7.7)	1	(7.7)	0	(0.0)	0	(0.0)	**13**	**(0.1)**
Total	**5,414**	**(50.5)**	**5,251**	**(49.0)**	**9**	**(0.1)**	**31**	**(0.3)**	**6**	**(0.1)**	10,711	**(100.0)**

Year / Organisation	ADMISSION SOURCE											
	Same hospital		Other hospital		Clinic		Home		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018												
A	153	(50.7)	145	(48.0)	1	(0.3)	3	(1.0)	0	(0.0)	**302**	**(2.7)**
C	171	(54.3)	144	(45.7)	0	(0.0)	0	(0.0)	0	(0.0)	**315**	**(2.9)**
D	459	(67.2)	224	(32.8)	0	(0.0)	0	(0.0)	0	(0.0)	**683**	**(6.2)**
E1	122	(21.1)	454	(78.7)	1	(0.2)	0	(0.0)	0	(0.0)	**577**	**(5.2)**
E2	78	(45.3)	88	(51.2)	0	(0.0)	6	(3.5)	0	(0.0)	**172**	**(1.6)**
F	140	(25.0)	421	(75.0)	0	(0.0)	0	(0.0)	0	(0.0)	**561**	**(5.1)**
H	156	(48.0)	149	(45.8)	0	(0.0)	20	(6.2)	0	(0.0)	**325**	**(2.9)**
I	158	(58.3)	113	(41.7)	0	(0.0)	0	(0.0)	0	(0.0)	**271**	**(2.5)**
K2	42	(56.8)	32	(43.2)	0	(0.0)	0	(0.0)	0	(0.0)	**74**	**(0.7)**
K3	170	(43.4)	221	(56.4)	0	(0.0)	1	(0.3)	0	(0.0)	**392**	**(3.5)**
L	91	(37.9)	149	(62.1)	0	(0.0)	0	(0.0)	0	(0.0)	**240**	**(2.2)**
M	255	(61.9)	157	(38.1)	0	(0.0)	0	(0.0)	0	(0.0)	**412**	**(3.7)**
N	241	(59.5)	164	(40.5)	0	(0.0)	0	(0.0)	0	(0.0)	**405**	**(3.7)**
O	67	(27.7)	171	(70.7)	0	(0.0)	4	(1.7)	0	(0.0)	**242**	**(2.2)**
P	212	(42.8)	282	(57.0)	0	(0.0)	1	(0.2)	0	(0.0)	**495**	**(4.5)**
Q	266	(56.7)	199	(42.4)	0	(0.0)	4	(0.9)	0	(0.0)	**469**	**(4.2)**
R	149	(29.1)	363	(70.9)	0	(0.0)	0	(0.0)	0	(0.0)	**512**	**(4.6)**
S	251	(96.2)	8	(3.1)	0	(0.0)	2	(0.8)	0	(0.0)	**261**	**(2.4)**
T	165	(44.6)	205	(55.4)	0	(0.0)	0	(0.0)	0	(0.0)	**370**	**(3.3)**
U	93	(34.3)	178	(65.7)	0	(0.0)	0	(0.0)	0	(0.0)	**271**	**(2.5)**
V	448	(64.8)	242	(35.0)	0	(0.0)	1	(0.1)	0	(0.0)	**691**	**(6.3)**
W	160	(42.1)	219	(57.6)	1	(0.3)	0	(0.0)	0	(0.0)	**380**	**(3.4)**
X1	44	(29.9)	101	(68.7)	1	(0.7)	1	(0.7)	0	(0.0)	**147**	**(1.3)**
X2	233	(81.8)	52	(18.2)	0	(0.0)	0	(0.0)	0	(0.0)	**285**	**(2.6)**
Y	207	(67.4)	100	(32.6)	0	(0.0)	0	(0.0)	0	(0.0)	**307**	**(2.8)**
Z	189	(59.4)	127	(39.9)	0	(0.0)	2	(0.6)	0	(0.0)	**318**	**(2.9)**
ZA	283	(71.1)	115	(28.9)	0	(0.0)	0	(0.0)	0	(0.0)	**398**	**(3.6)**
ZB	170	(55.2)	137	(44.5)	1	(0.3)	0	(0.0)	0	(0.0)	**308**	**(2.8)**
ZC	328	(61.0)	210	(39.0)	0	(0.0)	0	(0.0)	0	(0.0)	**538**	**(4.9)**
ZD	119	(40.3)	176	(59.7)	0	(0.0)	0	(0.0)	0	(0.0)	**295**	**(2.7)**
ZE	9	(81.8)	2	(18.2)	0	(0.0)	0	(0.0)	0	(0.0)	**11**	**(0.1)**
ZF	17	(77.3)	5	(22.7)	0	(0.0)	0	(0.0)	0	(0.0)	**22**	**(0.2)**
Total	**5,646**	**(51.1)**	**5,353**	**(48.4)**	**5**	**(0.0)**	**45**	**(0.4)**	**0**	**(0.0)**	11,049	(100.0)
Grand Total	**16,677**	**(50.4)**	**16,266**	**(49.2)**	**24**	**(0.1)**	**117**	**(0.4)**	**9**	**(0.0)**	33,093	(100.0)

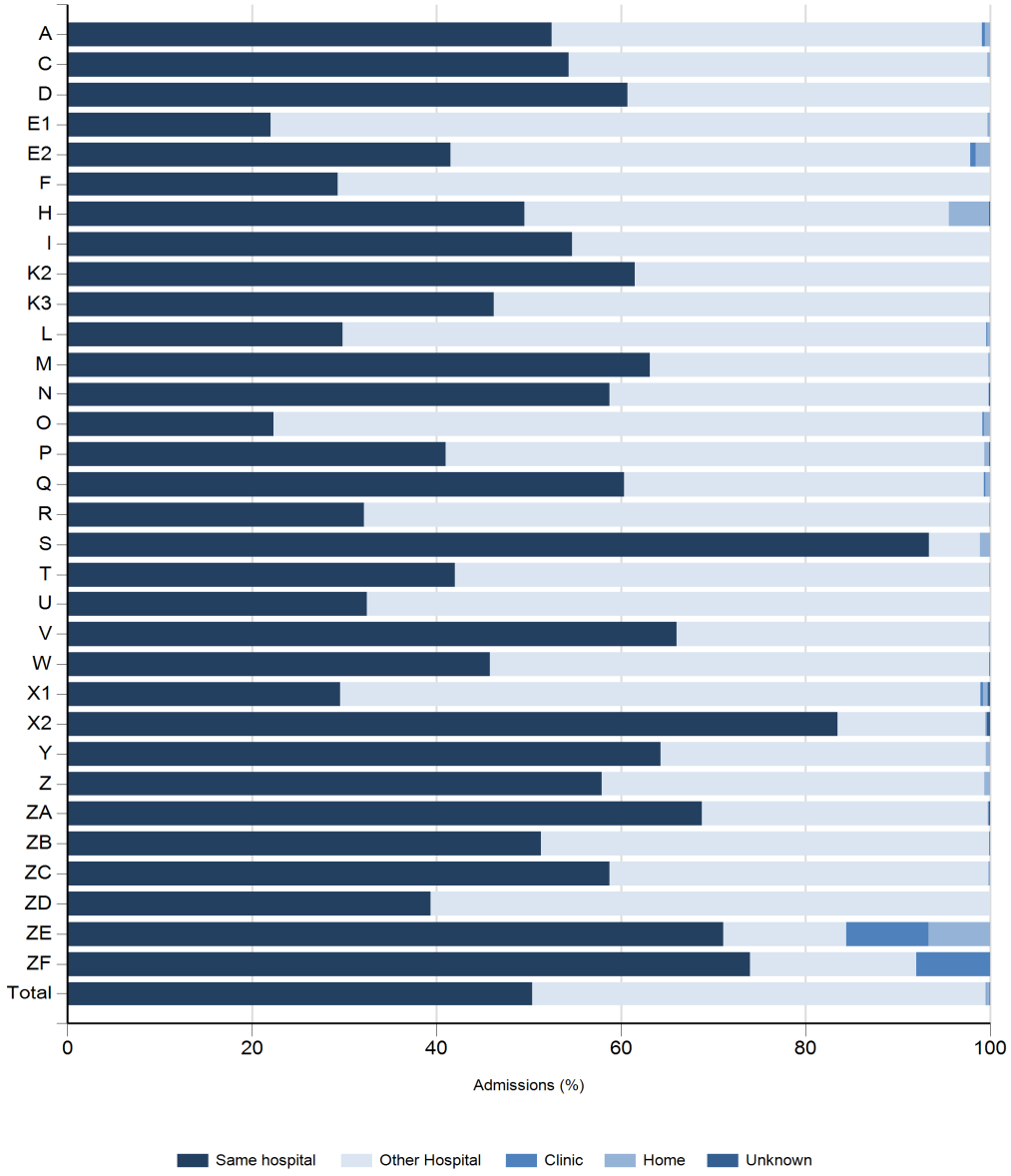
Notes

1) Children with unknown age are included in this table and hence totals may differ from Table 12

2) Further information on the definition of each admission type can be found on the Data Description tab.

FIGURE 14 ADMISSIONS BY SOURCE OF ADMISSION (ADMISSION TYPE UNPLANNED - OTHER), BY HEALTH ORGANISATION, 2016 - 2018

Figure 14 shows the number of admissions to PICU from each admission source, by organisation, over the three years of the reporting period, for patients with an "unplanned - other" admission type. The larger the bar, the more admissions were accounted for by the corresponding source of admission.



Notes

1) Further information on the definition of each admission type can be found on the Data Description tab.

TABLE 15 ADMISSIONS BY CARE AREA ADMITTED FROM (ADMISSION TYPE UNPLANNED -OTHER; ADMITTED FROM HOSPITAL), BY HEALTH ORGANISATION, 2016 - 2018

Table 15 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by care area admitted from and organisation for patients with an "unplanned - other" admission type who were admitted from hospital (either the same hospital or another hospital).

Rows in this table show the number of admissions, to each organisation, from each care area, in each year of the reporting period. The 'Total' column shows the total number of admissions to each unit in each year of the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, for a given organisation in a given year, were from a given care area. The percentages in the 'Total' column show column percentages, i.e. what proportion of all admissions for a specific year were accounted for by each organisation.

Year / Organisation	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	(%)
2016																				
A	148	(39.9)	4	(1.1)	47	(12.7)	3	(0.8)	2	(0.5)	18	(4.9)	133	(35.8)	1	(0.3)	15	(4.0)	**371**	**(3.3)**
C	111	(32.3)	36	(10.5)	25	(7.3)	4	(1.2)	3	(0.9)	29	(8.4)	132	(38.4)	4	(1.2)	0	(0.0)	**344**	**(3.0)**
D	208	(40.1)	81	(15.6)	13	(2.5)	2	(0.4)	2	(0.4)	22	(4.2)	188	(36.2)	0	(0.0)	3	(0.6)	**519**	**(4.6)**
E1	156	(28.0)	24	(4.3)	160	(28.7)	1	(0.2)	3	(0.5)	1	(0.2)	210	(37.6)	0	(0.0)	3	(0.5)	**558**	**(4.9)**
E2	21	(11.4)	22	(11.9)	69	(37.3)	1	(0.5)	0	(0.0)	0	(0.0)	65	(35.1)	0	(0.0)	7	(3.8)	**185**	**(1.6)**
F	167	(26.3)	53	(8.4)	61	(9.6)	4	(0.6)	2	(0.3)	138	(21.8)	201	(31.7)	7	(1.1)	1	(0.2)	**634**	**(5.6)**
H	161	(46.3)	6	(1.7)	24	(6.9)	1	(0.3)	2	(0.6)	23	(6.6)	130	(37.4)	1	(0.3)	0	(0.0)	**348**	**(3.1)**
I	114	(35.4)	51	(15.8)	18	(5.6)	0	(0.0)	0	(0.0)	19	(5.9)	111	(34.5)	9	(2.8)	0	(0.0)	**322**	**(2.9)**
K2	6	(7.2)	36	(43.4)	22	(26.5)	3	(3.6)	0	(0.0)	1	(1.2)	10	(12.0)	5	(6.0)	0	(0.0)	**83**	**(0.7)**
K3	145	(38.5)	1	(0.3)	39	(10.3)	4	(1.1)	1	(0.3)	56	(14.9)	128	(34.0)	1	(0.3)	2	(0.5)	**377**	**(3.3)**
L	102	(44.2)	35	(15.2)	6	(2.6)	11	(4.8)	1	(0.4)	11	(4.8)	52	(22.5)	2	(0.9)	11	(4.8)	**231**	**(2.0)**
M	174	(42.9)	6	(1.5)	9	(2.2)	8	(2.0)	6	(1.5)	14	(3.4)	188	(46.3)	1	(0.2)	0	(0.0)	**406**	**(3.6)**
N	206	(44.3)	17	(3.7)	11	(2.4)	2	(0.4)	1	(0.2)	48	(10.3)	158	(34.0)	1	(0.2)	21	(4.5)	**465**	**(4.1)**
O	12	(5.2)	1	(0.4)	15	(6.5)	166	(71.6)	1	(0.4)	2	(0.9)	30	(12.9)	4	(1.7)	1	(0.4)	**232**	**(2.1)**
P	110	(22.1)	107	(21.5)	109	(21.9)	0	(0.0)	0	(0.0)	14	(2.8)	149	(30.0)	7	(1.4)	1	(0.2)	**497**	**(4.4)**
Q	189	(42.0)	17	(3.8)	11	(2.4)	18	(4.0)	1	(0.2)	33	(7.3)	152	(33.8)	9	(2.0)	20	(4.4)	**450**	**(4.0)**
R	113	(22.0)	95	(18.5)	103	(20.1)	3	(0.6)	3	(0.6)	57	(11.1)	133	(25.9)	5	(1.0)	1	(0.2)	**513**	**(4.5)**
S	51	(38.1)	1	(0.7)	4	(3.0)	19	(14.2)	0	(0.0)	8	(6.0)	50	(37.3)	0	(0.0)	1	(0.7)	**134**	**(1.2)**
T	236	(59.3)	17	(4.3)	7	(1.8)	1	(0.3)	6	(1.5)	5	(1.3)	126	(31.7)	0	(0.0)	0	(0.0)	**398**	**(3.5)**
U	169	(58.7)	8	(2.8)	7	(2.4)	1	(0.3)	3	(1.0)	10	(3.5)	89	(30.9)	1	(0.3)	0	(0.0)	**288**	**(2.6)**
V	204	(24.7)	26	(3.1)	79	(9.6)	0	(0.0)	0	(0.0)	51	(6.2)	352	(42.6)	0	(0.0)	115	(13.9)	**827**	**(7.3)**
W	106	(29.4)	34	(9.4)	96	(26.6)	0	(0.0)	1	(0.3)	19	(5.3)	99	(27.4)	1	(0.3)	5	(1.4)	**361**	**(3.2)**
X1	10	(7.5)	5	(3.8)	76	(57.1)	3	(2.3)	2	(1.5)	2	(1.5)	32	(24.1)	2	(1.5)	1	(0.8)	**133**	**(1.2)**
X2	155	(52.7)	30	(10.2)	7	(2.4)	23	(7.8)	0	(0.0)	5	(1.7)	73	(24.8)	1	(0.3)	0	(0.0)	**294**	**(2.6)**
Y	146	(44.5)	27	(8.2)	27	(8.2)	6	(1.8)	0	(0.0)	13	(4.0)	106	(32.3)	1	(0.3)	2	(0.6)	**328**	**(2.9)**
Z	174	(55.1)	3	(0.9)	5	(1.6)	0	(0.0)	2	(0.6)	13	(4.1)	116	(36.7)	0	(0.0)	3	(0.9)	**316**	**(2.8)**
ZA	156	(35.4)	5	(1.1)	32	(7.3)	48	(10.9)	0	(0.0)	15	(3.4)	170	(38.5)	14	(3.2)	1	(0.2)	**441**	**(3.9)**
ZB	118	(32.9)	0	(0.0)	10	(2.8)	1	(0.3)	7	(1.9)	93	(25.9)	129	(35.9)	0	(0.0)	1	(0.3)	**359**	**(3.2)**
ZC	168	(28.6)	12	(2.0)	127	(21.6)	17	(2.9)	3	(0.5)	17	(2.9)	235	(40.0)	5	(0.9)	4	(0.7)	**588**	**(5.2)**
ZD	90	(36.0)	12	(4.8)	50	(20.0)	15	(6.0)	5	(2.0)	8	(3.2)	66	(26.4)	4	(1.6)	0	(0.0)	**250**	**(2.2)**
ZE	1	(6.7)	0	(0.0)	1	(6.7)	2	(13.3)	0	(0.0)	0	(0.0)	11	(73.3)	0	(0.0)	0	(0.0)	**15**	**(0.1)**
ZF	1	(8.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	10	(83.3)	0	(0.0)	1	(8.3)	**12**	**(0.1)**
Total	**3,928**	**(34.8)**	**772**	**(6.8)**	**1,270**	**(11.3)**	**367**	**(3.3)**	**57**	**(0.5)**	**745**	**(6.6)**	**3,834**	**(34.0)**	**86**	**(0.8)**	**220**	**(2.0)**	**11,279**	**(100.0)**

Year / Organisation	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	(%)
2017																				
A	127	(36.0)	1	(0.3)	53	(15.0)	2	(0.6)	3	(0.8)	18	(5.1)	146	(41.4)	0	(0.0)	3	(0.8)	**353**	**(3.3)**
C	119	(37.8)	13	(4.1)	27	(8.6)	4	(1.3)	1	(0.3)	20	(6.3)	130	(41.3)	1	(0.3)	0	(0.0)	**315**	**(3.0)**
D	166	(38.9)	82	(19.2)	12	(2.8)	0	(0.0)	0	(0.0)	23	(5.4)	142	(33.3)	2	(0.5)	0	(0.0)	**427**	**(4.0)**
E1	161	(31.8)	30	(5.9)	144	(28.4)	1	(0.2)	2	(0.4)	26	(5.1)	140	(27.6)	0	(0.0)	3	(0.6)	**507**	**(4.8)**
E2	8	(5.1)	11	(7.1)	72	(46.2)	2	(1.3)	0	(0.0)	0	(0.0)	61	(39.1)	1	(0.6)	1	(0.6)	**156**	**(1.5)**
F	137	(25.1)	46	(8.4)	54	(9.9)	2	(0.4)	0	(0.0)	116	(21.3)	178	(32.7)	10	(1.8)	2	(0.4)	**545**	**(5.1)**
H	160	(59.0)	3	(1.1)	10	(3.7)	1	(0.4)	4	(1.5)	15	(5.5)	77	(28.4)	0	(0.0)	1	(0.4)	**271**	**(2.5)**
I	94	(35.1)	40	(14.9)	10	(3.7)	0	(0.0)	0	(0.0)	35	(13.1)	86	(32.1)	3	(1.1)	0	(0.0)	**268**	**(2.5)**
K2	4	(5.8)	24	(34.8)	13	(18.8)	3	(4.3)	0	(0.0)	6	(8.7)	17	(24.6)	2	(2.9)	0	(0.0)	**69**	**(0.6)**
K3	171	(43.5)	0	(0.0)	42	(10.7)	3	(0.8)	1	(0.3)	45	(11.5)	128	(32.6)	3	(0.8)	0	(0.0)	**393**	**(3.7)**
L	103	(42.9)	31	(12.9)	14	(5.8)	7	(2.9)	0	(0.0)	7	(2.9)	51	(21.3)	0	(0.0)	27	(11.3)	**240**	**(2.3)**
M	193	(46.8)	10	(2.4)	16	(3.9)	6	(1.5)	1	(0.2)	14	(3.4)	168	(40.8)	4	(1.0)	0	(0.0)	**412**	**(3.9)**
N	192	(50.9)	23	(6.1)	9	(2.4)	0	(0.0)	0	(0.0)	38	(10.1)	96	(25.5)	2	(0.5)	17	(4.5)	**377**	**(3.5)**
O	11	(4.0)	4	(1.5)	29	(10.7)	164	(60.3)	0	(0.0)	4	(1.5)	50	(18.4)	9	(3.3)	1	(0.4)	**272**	**(2.6)**
P	135	(26.3)	111	(21.6)	100	(19.5)	7	(1.4)	0	(0.0)	7	(1.4)	148	(28.8)	5	(1.0)	0	(0.0)	**513**	**(4.8)**
Q	156	(34.4)	20	(4.4)	6	(1.3)	22	(4.9)	2	(0.4)	30	(6.6)	188	(41.5)	9	(2.0)	20	(4.4)	**453**	**(4.2)**
R	107	(21.8)	80	(16.3)	88	(17.9)	6	(1.2)	4	(0.8)	69	(14.1)	132	(26.9)	5	(1.0)	0	(0.0)	**491**	**(4.6)**
S	78	(32.9)	1	(0.4)	3	(1.3)	75	(31.6)	0	(0.0)	3	(1.3)	76	(32.1)	1	(0.4)	0	(0.0)	**237**	**(2.2)**
T	206	(51.5)	15	(3.8)	14	(3.5)	0	(0.0)	37	(9.3)	5	(1.3)	120	(30.0)	2	(0.5)	1	(0.3)	**400**	**(3.8)**
U	174	(61.1)	6	(2.1)	5	(1.8)	0	(0.0)	0	(0.0)	8	(2.8)	90	(31.6)	1	(0.4)	1	(0.4)	**285**	**(2.7)**
V	178	(23.6)	13	(1.7)	71	(9.4)	0	(0.0)	0	(0.0)	26	(3.5)	332	(44.1)	1	(0.1)	132	(17.5)	**753**	**(7.1)**
W	103	(27.0)	38	(10.0)	116	(30.4)	0	(0.0)	1	(0.3)	20	(5.2)	103	(27.0)	0	(0.0)	0	(0.0)	**381**	**(3.6)**
X1	8	(7.0)	4	(3.5)	59	(51.8)	0	(0.0)	3	(2.6)	1	(0.9)	38	(33.3)	0	(0.0)	1	(0.9)	**114**	**(1.1)**
X2	94	(39.2)	35	(14.6)	12	(5.0)	30	(12.5)	0	(0.0)	3	(1.3)	65	(27.1)	0	(0.0)	1	(0.4)	**240**	**(2.3)**
Y	137	(46.6)	31	(10.5)	27	(9.2)	3	(1.0)	0	(0.0)	11	(3.7)	85	(28.9)	0	(0.0)	0	(0.0)	**294**	**(2.8)**
Z	189	(57.1)	4	(1.2)	7	(2.1)	1	(0.3)	0	(0.0)	14	(4.2)	111	(33.5)	0	(0.0)	5	(1.5)	**331**	**(3.1)**
ZA	138	(34.5)	2	(0.5)	12	(3.0)	59	(14.8)	0	(0.0)	14	(3.5)	158	(39.5)	16	(4.0)	1	(0.3)	**400**	**(3.8)**
ZB	123	(39.0)	1	(0.3)	5	(1.6)	0	(0.0)	0	(0.0)	80	(25.4)	106	(33.7)	0	(0.0)	0	(0.0)	**315**	**(3.0)**
ZC	152	(29.0)	8	(1.5)	110	(21.0)	11	(2.1)	13	(2.5)	3	(0.6)	226	(43.0)	2	(0.4)	0	(0.0)	**525**	**(4.9)**
ZD	117	(38.5)	12	(3.9)	60	(19.7)	18	(5.9)	12	(3.9)	6	(2.0)	75	(24.7)	4	(1.3)	0	(0.0)	**304**	**(2.9)**
ZE	0	(0.0)	0	(0.0)	0	(0.0)	1	(8.3)	0	(0.0)	0	(0.0)	11	(91.7)	0	(0.0)	0	(0.0)	**12**	**(0.1)**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	11	(91.7)	0	(0.0)	1	(8.3)	**12**	**(0.1)**
Total	**3,741**	**(35.1)**	**699**	**(6.6)**	**1,200**	**(11.3)**	**428**	**(4.0)**	**84**	**(0.8)**	**667**	**(6.3)**	**3,545**	**(33.2)**	**83**	**(0.8)**	**218**	**(2.0)**	**10,665**	**(100.0)**

Year / Organisation	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	(%)
2018																				
A	108	(36.2)	5	(1.7)	68	(22.8)	2	(0.7)	0	(0.0)	23	(7.7)	92	(30.9)	0	(0.0)	0	(0.0)	**298**	**(2.7)**
C	95	(30.2)	24	(7.6)	27	(8.6)	2	(0.6)	3	(1.0)	26	(8.3)	137	(43.5)	1	(0.3)	0	(0.0)	**315**	**(2.9)**
D	315	(46.1)	38	(5.6)	28	(4.1)	1	(0.1)	2	(0.3)	17	(2.5)	282	(41.3)	0	(0.0)	0	(0.0)	**683**	**(6.2)**
E1	188	(32.6)	20	(3.5)	153	(26.6)	8	(1.4)	1	(0.2)	54	(9.4)	152	(26.4)	0	(0.0)	0	(0.0)	**576**	**(5.2)**
E2	19	(11.4)	30	(18.1)	64	(38.6)	0	(0.0)	0	(0.0)	10	(6.0)	41	(24.7)	1	(0.6)	1	(0.6)	**166**	**(1.5)**
F	207	(36.9)	34	(6.1)	46	(8.2)	0	(0.0)	0	(0.0)	89	(15.9)	176	(31.4)	9	(1.6)	0	(0.0)	**561**	**(5.1)**
H	150	(49.2)	4	(1.3)	18	(5.9)	3	(1.0)	0	(0.0)	15	(4.9)	113	(37.0)	2	(0.7)	0	(0.0)	**305**	**(2.8)**
I	91	(33.6)	72	(26.6)	15	(5.5)	0	(0.0)	0	(0.0)	14	(5.2)	77	(28.4)	2	(0.7)	0	(0.0)	**271**	**(2.5)**
K2	5	(6.8)	21	(28.4)	20	(27.0)	3	(4.1)	0	(0.0)	2	(2.7)	19	(25.7)	4	(5.4)	0	(0.0)	**74**	**(0.7)**
K3	186	(47.6)	2	(0.5)	43	(11.0)	1	(0.3)	6	(1.5)	45	(11.5)	107	(27.4)	1	(0.3)	0	(0.0)	**391**	**(3.6)**
L	129	(53.8)	22	(9.2)	8	(3.3)	23	(9.6)	0	(0.0)	14	(5.8)	42	(17.5)	0	(0.0)	2	(0.8)	**240**	**(2.2)**
M	177	(43.0)	13	(3.2)	10	(2.4)	27	(6.6)	4	(1.0)	22	(5.3)	155	(37.6)	4	(1.0)	0	(0.0)	**412**	**(3.7)**
N	189	(46.7)	22	(5.4)	5	(1.2)	0	(0.0)	2	(0.5)	57	(14.1)	130	(32.1)	0	(0.0)	0	(0.0)	**405**	**(3.7)**
O	15	(6.3)	4	(1.7)	53	(22.3)	101	(42.4)	0	(0.0)	1	(0.4)	57	(23.9)	7	(2.9)	0	(0.0)	**238**	**(2.2)**
P	125	(25.3)	109	(22.1)	137	(27.7)	2	(0.4)	0	(0.0)	11	(2.2)	106	(21.5)	4	(0.8)	0	(0.0)	**494**	**(4.5)**
Q	183	(39.4)	34	(7.3)	11	(2.4)	23	(4.9)	1	(0.2)	28	(6.0)	181	(38.9)	4	(0.9)	0	(0.0)	**465**	**(4.2)**
R	101	(19.7)	95	(18.6)	81	(15.8)	1	(0.2)	7	(1.4)	63	(12.3)	156	(30.5)	8	(1.6)	0	(0.0)	**512**	**(4.7)**
S	83	(32.0)	2	(0.8)	1	(0.4)	82	(31.7)	0	(0.0)	6	(2.3)	85	(32.8)	0	(0.0)	0	(0.0)	**259**	**(2.4)**
T	196	(53.0)	13	(3.5)	7	(1.9)	0	(0.0)	41	(11.1)	4	(1.1)	108	(29.2)	1	(0.3)	0	(0.0)	**370**	**(3.4)**
U	145	(53.5)	6	(2.2)	7	(2.6)	3	(1.1)	6	(2.2)	12	(4.4)	92	(33.9)	0	(0.0)	0	(0.0)	**271**	**(2.5)**
V	134	(19.4)	16	(2.3)	100	(14.5)	0	(0.0)	0	(0.0)	41	(5.9)	305	(44.2)	1	(0.1)	93	(13.5)	**690**	**(6.3)**
W	89	(23.5)	44	(11.6)	120	(31.7)	0	(0.0)	2	(0.5)	25	(6.6)	98	(25.9)	0	(0.0)	1	(0.3)	**379**	**(3.4)**
X1	10	(6.9)	3	(2.1)	75	(51.7)	4	(2.8)	1	(0.7)	1	(0.7)	48	(33.1)	3	(2.1)	0	(0.0)	**145**	**(1.3)**
X2	153	(53.7)	37	(13.0)	11	(3.9)	15	(5.3)	1	(0.4)	5	(1.8)	60	(21.1)	3	(1.1)	0	(0.0)	**285**	**(2.6)**
Y	151	(49.2)	26	(8.5)	14	(4.6)	7	(2.3)	1	(0.3)	12	(3.9)	92	(30.0)	3	(1.0)	1	(0.3)	**307**	**(2.8)**
Z	181	(57.3)	3	(0.9)	11	(3.5)	1	(0.3)	0	(0.0)	14	(4.4)	105	(33.2)	1	(0.3)	0	(0.0)	**316**	**(2.9)**
ZA	144	(36.2)	6	(1.5)	11	(2.8)	49	(12.3)	1	(0.3)	14	(3.5)	163	(41.0)	10	(2.5)	0	(0.0)	**398**	**(3.6)**
ZB	117	(38.1)	0	(0.0)	8	(2.6)	0	(0.0)	59	(19.2)	15	(4.9)	107	(34.9)	1	(0.3)	0	(0.0)	**307**	**(2.8)**
ZC	133	(24.7)	10	(1.9)	102	(19.0)	17	(3.2)	10	(1.9)	7	(1.3)	255	(47.4)	4	(0.7)	0	(0.0)	**538**	**(4.9)**
ZD	112	(38.0)	20	(6.8)	47	(15.9)	23	(7.8)	9	(3.1)	5	(1.7)	74	(25.1)	5	(1.7)	0	(0.0)	**295**	**(2.7)**
ZE	0	(0.0)	0	(0.0)	0	(0.0)	3	(27.3)	0	(0.0)	0	(0.0)	8	(72.7)	0	(0.0)	0	(0.0)	**11**	**(0.1)**
ZF	1	(4.5)	0	(0.0)	2	(9.1)	7	(31.8)	0	(0.0)	1	(4.5)	11	(50.0)	0	(0.0)	0	(0.0)	**22**	**(0.2)**
Total	**3,932**	**(35.7)**	**735**	**(6.7)**	**1,303**	**(11.8)**	**408**	**(3.7)**	**157**	**(1.4)**	**653**	**(5.9)**	**3,634**	**(33.0)**	**79**	**(0.7)**	**98**	**(0.9)**	**10,999**	**(100.0)**
Grand Total	**11,601**	**(35.2)**	**2,206**	**(6.7)**	**3,773**	**(11.5)**	**1,203**	**(3.7)**	**298**	**(0.9)**	**2,065**	**(6.3)**	**11,013**	**(33.4)**	**248**	**(0.8)**	**536**	**(1.6)**	**32,943**	**(100.0)**

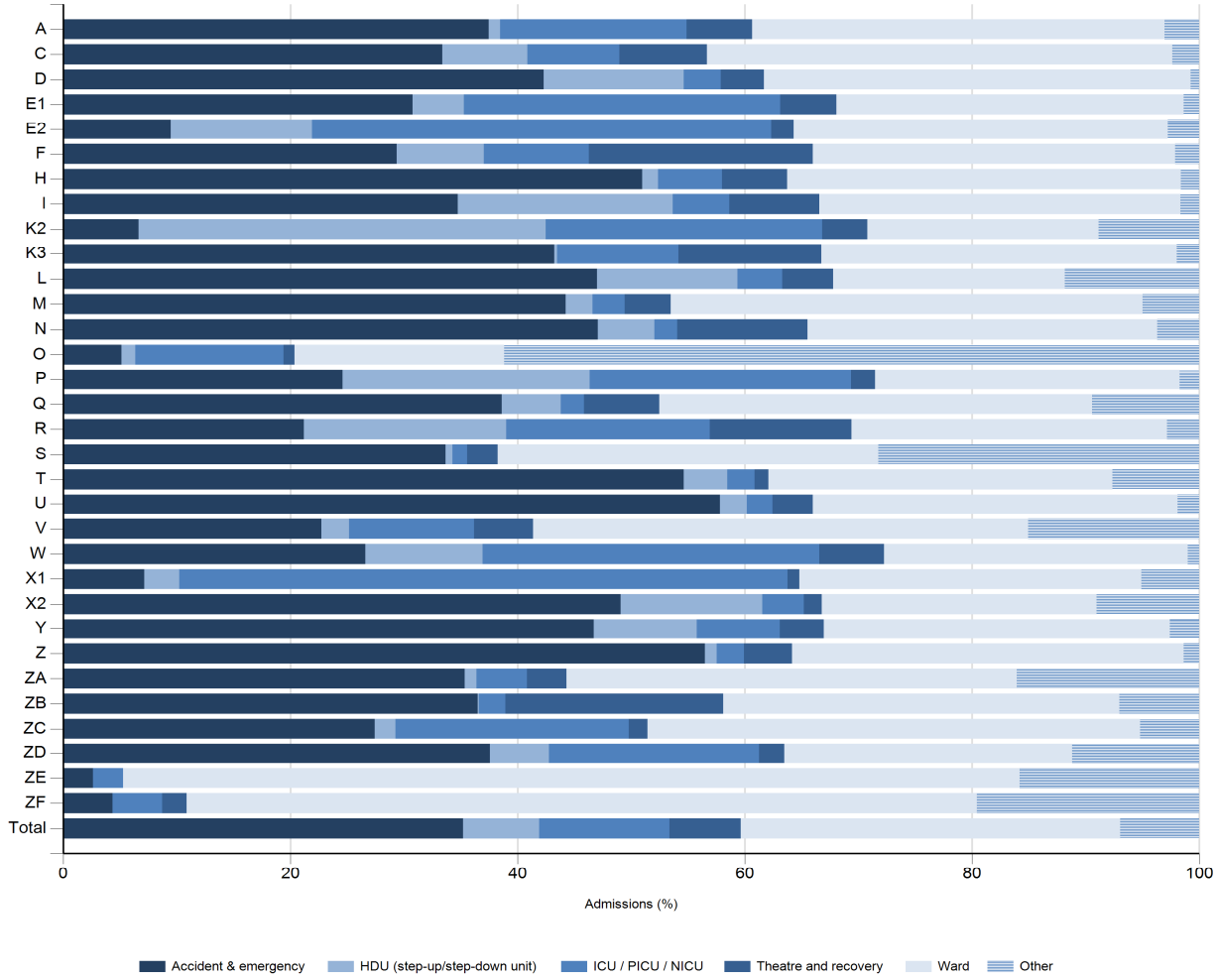
Notes

1) Children with unknown age are included in this table and hence totals may differ from Table 12

2) Further information on the definition of each admission type can be found on the Data Description tab.

FIGURE 15 ADMISSIONS BY CARE AREA ADMITTED FROM (ADMISSION TYPE UNPLANNED - OTHER; ADMITTED FROM HOSPITAL), BY HEALTH ORGANISATION, 2016 - 2018

Figure 15 shows the number of admissions to PICU from each admission source, by organisation, over the three years of the reporting period, for patients with an "unplanned - other" admission type who were admitted from hospital (either the same hospital or another hospital).



Notes

1) Children with unknown age are included in this figure

2) Further information on the definition of each admission type can be found on the Data Description tab.

3) Other includes care areas reported as "Other" and also includes: recovery only; x-ray, endoscopy, CT scanner or similar; and unknown admissions sources

TABLE 16 ADMISSIONS BY PRIMARY DIAGNOSTIC GROUP AND AGE, 2016 - 2018

Table 16 presents the number of admissions to PICU for children (<16 years) by diagnostic group and age group in years, for the three years of the reporting period combined.

Rows in this table show the number of admissions falling into each diagnostic group, for children falling into each age category, in the reporting period. The 'Total' columns shows the number of admissions for children aged 0-15 years in each diagnostic group over the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, in a given diagnostic group, were in each age category. The percentages in the 'Total' column show column percentages, i.e. what proportion of admissions for a specific year fell into each diagnostic group.

Diagnostic Group	AGE GROUP (YEARS)									
	<1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
Blood / lymphatic	110	(18.2)	169	(28.0)	169	(28.0)	156	(25.8)	**604**	**(1.0)**
Body wall and cavities	755	(78.2)	137	(14.2)	44	(4.6)	29	(3.0)	**965**	**(1.6)**
Cardiovascular	9,808	(59.8)	3,362	(20.5)	1,802	(11.0)	1,427	(8.7)	**16,399**	**(27.2)**
Endocrine / metabolic	527	(29.5)	522	(29.2)	366	(20.5)	372	(20.8)	**1,787**	**(3.0)**
Gastrointestinal	2,005	(56.1)	715	(20.0)	454	(12.7)	398	(11.1)	**3,572**	**(5.9)**
Infection	1,472	(46.0)	861	(26.9)	487	(15.2)	379	(11.8)	**3,199**	**(5.3)**
Multisystem	75	(44.1)	56	(32.9)	25	(14.7)	14	(8.2)	**170**	**(0.3)**
Musculoskeletal	197	(7.3)	401	(14.8)	527	(19.5)	1,576	(58.3)	**2,701**	**(4.5)**
Neurological	1,552	(24.1)	2,299	(35.7)	1,515	(23.5)	1,075	(16.7)	**6,441**	**(10.7)**
Oncology	282	(11.4)	720	(29.2)	744	(30.2)	717	(29.1)	**2,463**	**(4.1)**
Respiratory	8,845	(49.3)	5,384	(30.0)	2,316	(12.9)	1,391	(7.8)	**17,936**	**(29.8)**
Trauma	107	(8.9)	330	(27.5)	346	(28.8)	417	(34.8)	**1,200**	**(2.0)**
Other	914	(33.7)	762	(28.1)	459	(16.9)	578	(21.3)	**2,713**	**(4.5)**
Unknown	48	(43.6)	34	(30.9)	14	(12.7)	14	(12.7)	**110**	**(0.2)**
Total	**26,697**	**(44.3)**	**15,752**	**(26.1)**	**9,268**	**(15.4)**	**8,543**	**(14.2)**	**60,260**	**(100.0)**

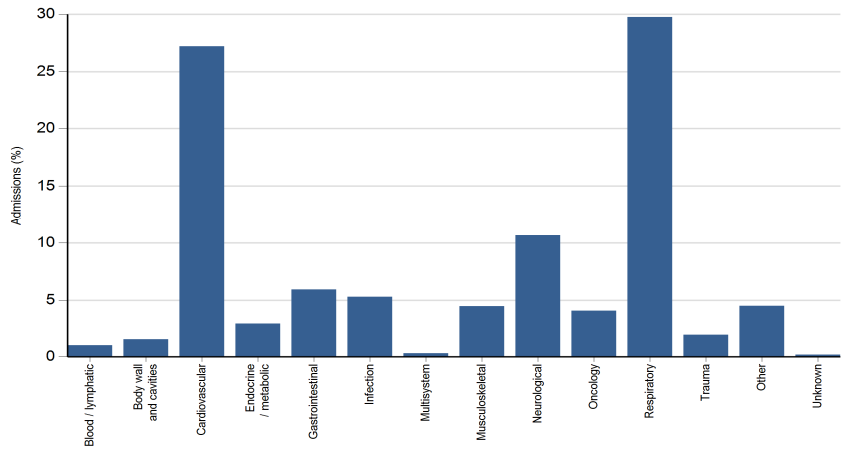
Notes

1) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

2) Admissions where the child's age is unknown are excluded from this table (n=3)

FIGURE 16 ADMISSIONS BY PRIMARY DIAGNOSTIC GROUP, 2016 - 2018

Figure 16 presents the proportion of admissions in each diagnostic group in the reporting period. The higher the bar, the larger the proportion of admissions represented.



Notes

1) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

2) Admissions where the child's age is unknown are excluded from this figure (n=3)

TABLE 17 ADMISSIONS BY PRIMARY DIAGNOSTIC GROUP AND AGE (16+ YEARS), 2016 - 2018

Table 17 presents the number of admissions to PICU for patients aged 16 year and over, by diagnostic group and age group in years, for the three years of the reporting period combined.

Rows in this table show the number of admissions falling into each diagnostic group, for patients falling into each age category, in the reporting period. The 'Total' columns shows the number of admissions for patients aged 16 year and over, in each diagnostic group over the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, in a given diagnostic group, were in each age category. The percentages in the 'Total' column show column percentages, i.e. what proportion of admissions for a specific year fell into each diagnostic group.

Diagnostic Group	AGE GROUP (YEARS)							
	16		17-20		21-25		Total	
	n	(%)	n	(%)	n	(%)	n	(%)
Blood / lymphatic	17	(65.4)	9	(34.6)	0	(0.0)	**26**	**(1.7)**
Body wall and cavities	4	(57.1)	3	(42.9)	0	(0.0)	**7**	**(0.4)**
Cardiovascular	166	(59.1)	114	(40.6)	1	(0.4)	**281**	**(17.9)**
Endocrine / metabolic	45	(60.8)	29	(39.2)	0	(0.0)	**74**	**(4.7)**
Gastrointestinal	42	(61.8)	26	(38.2)	0	(0.0)	**68**	**(4.3)**
Infection	48	(61.5)	29	(37.2)	1	(1.3)	**78**	**(5.0)**
Multisystem	2	(33.3)	4	(66.7)	0	(0.0)	**6**	**(0.4)**
Musculoskeletal	227	(56.0)	175	(43.2)	3	(0.7)	**405**	**(25.8)**
Neurological	72	(51.4)	66	(47.1)	2	(1.4)	**140**	**(8.9)**
Oncology	49	(63.6)	28	(36.4)	0	(0.0)	**77**	**(4.9)**
Respiratory	151	(55.3)	118	(43.2)	4	(1.5)	**273**	**(17.4)**
Trauma	27	(65.9)	14	(34.1)	0	(0.0)	**41**	**(2.6)**
Other	58	(63.7)	32	(35.2)	1	(1.1)	**91**	**(5.8)**
Unknown	3	(100.0)	0	(0.0)	0	(0.0)	**3**	**(0.2)**
Total	**911**	**(58.0)**	**647**	**(41.2)**	**12**	**(0.8)**	**1570**	**(100.0)**

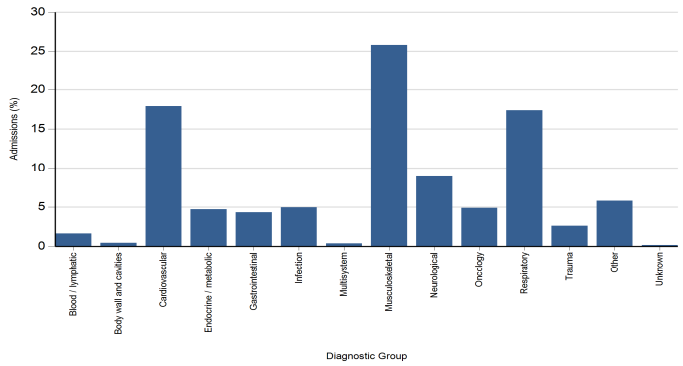
Notes

1) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

2) Admissions where the child's age is unknown are excluded from this table (n=3)

FIGURE 17 ADMISSIONS BY PRIMARY DIAGNOSTIC GROUP AND AGE (16+ YEARS), 2016 - 2018

Figure 16 presents the proportion of admissions in each diagnostic group in the reporting period for those 16 year and over. The higher the bar, the larger the proportion of admissions represented.



Notes

1) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

2) Admissions where the child's age is unknown are excluded from this figure (n=3)

TABLE 18 ADMISSIONS BY PRIMARY DIAGNOSTIC GROUP BY HEALTH ORGANISATION, 2016 - 2018

Table 18 presents the number of admissions to PICU for children (<16 years), by diagnostic group and organisation for each year of the reporting period.

Rows in this table show the number of admissions to PICU with a primary diagnosis in each of the diagnostic groups, to each organisation, in each year. In the 'Total' column, the total number of admissions to each organisation in each year is given.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions, to a given organisation in a given year, were in each diagnostic group. The percentages in the 'Total' column show column percentages, i.e. what proportion of admissions were to a given organisation in a given year.

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multi-system		Musculo - skeletal		Neuro - logical		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																												
A	11	(1.7)	6	(0.9)	19	(2.9)	27	(4.2)	48	(7.4)	26	(4.0)	8	(1.2)	48	(7.4)	103	(15.8)	82	(12.6)	228	(35.1)	17	(2.6)	26	(4.0)	1	(0.2)	**650**	**3.2**
C	5	(0.9)	8	(1.5)	22	(4.2)	16	(3.0)	25	(4.7)	26	(4.9)	0	(0.0)	46	(8.7)	101	(19.1)	41	(7.7)	205	(38.7)	12	(2.3)	22	(4.2)	1	(0.2)	**530**	**2.6**
D	4	(0.5)	3	(0.4)	42	(5.7)	51	(7.0)	33	(4.5)	67	(9.2)	1	(0.1)	20	(2.7)	103	(14.1)	20	(2.7)	319	(43.6)	19	(2.6)	47	(6.4)	3	(0.4)	**732**	**3.6**
E1	13	(1.3)	35	(3.5)	71	(7.2)	40	(4.0)	141	(14.2)	33	(3.3)	7	(0.7)	59	(6.0)	176	(17.8)	38	(3.8)	290	(29.3)	10	(1.0)	78	(7.9)	0	(0.0)	**991**	**4.9**
E2	1	(0.1)	4	(0.5)	717	(83.9)	11	(1.3)	2	(0.2)	7	(0.8)	0	(0.0)	4	(0.5)	3	(0.4)	8	(0.9)	90	(10.5)	1	(0.1)	7	(0.8)	0	(0.0)	**855**	**4.2**
F	2	(0.2)	9	(0.8)	463	(40.1)	22	(1.9)	17	(1.5)	83	(7.2)	0	(0.0)	51	(4.4)	67	(5.8)	1	(0.1)	385	(33.4)	4	(0.3)	41	(3.6)	9	(0.8)	**1,154**	**5.7**
H	15	(2.6)	5	(0.9)	14	(2.4)	30	(5.2)	114	(19.8)	27	(4.7)	0	(0.0)	2	(0.3)	111	(19.3)	50	(8.7)	173	(30.0)	28	(4.9)	7	(1.2)	0	(0.0)	**576**	**2.8**
I	10	(1.3)	9	(1.2)	335	(44.7)	7	(0.9)	45	(6.0)	42	(5.6)	0	(0.0)	6	(0.8)	61	(8.1)	20	(2.7)	171	(22.8)	17	(2.3)	23	(3.1)	3	(0.4)	**749**	**3.7**
K2	1	(0.3)	3	(1.0)	262	(84.0)	3	(1.0)	2	(0.6)	6	(1.9)	0	(0.0)	0	(0.0)	3	(1.0)	0	(0.0)	29	(9.3)	1	(0.3)	1	(0.3)	1	(0.3)	**312**	**1.5**
K3	5	(0.8)	40	(6.4)	16	(2.6)	20	(3.2)	36	(5.8)	50	(8.0)	1	(0.2)	8	(1.3)	93	(14.9)	43	(6.9)	259	(41.5)	21	(3.4)	32	(5.1)	0	(0.0)	**624**	**3.1**
L	2	(0.7)	1	(0.4)	5	(1.9)	13	(4.8)	5	(1.9)	20	(7.4)	0	(0.0)	19	(7.1)	41	(15.2)	2	(0.7)	149	(55.4)	0	(0.0)	12	(4.5)	0	(0.0)	**269**	**1.3**
M	11	(1.7)	6	(0.9)	14	(2.2)	18	(2.8)	40	(6.3)	61	(9.6)	6	(0.9)	71	(11.2)	72	(11.4)	21	(3.3)	226	(35.6)	15	(2.4)	65	(10.3)	8	(1.3)	**634**	**3.1**
N	6	(0.7)	14	(1.7)	27	(3.2)	34	(4.0)	40	(4.7)	46	(5.4)	13	(1.5)	181	(21.4)	90	(10.7)	33	(3.9)	290	(34.3)	17	(2.0)	53	(6.3)	1	(0.1)	**845**	**4.2**
O	0	(0.0)	1	(0.2)	497	(85.1)	0	(0.0)	4	(0.7)	5	(0.9)	1	(0.2)	2	(0.3)	4	(0.7)	7	(1.2)	58	(9.9)	1	(0.2)	4	(0.7)	0	(0.0)	**584**	**2.9**
P	1	(0.1)	28	(3.0)	404	(42.9)	12	(1.3)	61	(6.5)	32	(3.4)	1	(0.1)	12	(1.3)	73	(7.7)	7	(0.7)	258	(27.4)	21	(2.2)	32	(3.4)	0	(0.0)	**942**	**4.6**
Q	9	(1.2)	13	(1.8)	23	(3.2)	31	(4.3)	49	(6.8)	37	(5.1)	1	(0.1)	52	(7.2)	84	(11.7)	25	(3.5)	337	(46.7)	13	(1.8)	40	(5.5)	7	(1.0)	**721**	**3.6**
R	3	(0.3)	5	(0.6)	355	(40.3)	15	(1.7)	57	(6.5)	46	(5.2)	0	(0.0)	24	(2.7)	81	(9.2)	17	(1.9)	234	(26.6)	11	(1.2)	29	(3.3)	4	(0.5)	**881**	**4.3**
S	0	(0.0)	0	(0.0)	6	(3.7)	11	(6.7)	2	(1.2)	12	(7.4)	0	(0.0)	13	(8.0)	9	(5.5)	0	(0.0)	98	(60.1)	6	(3.7)	6	(3.7)	0	(0.0)	**163**	**0.8**
T	13	(2.2)	9	(1.5)	8	(1.3)	16	(2.7)	49	(8.2)	50	(8.3)	0	(0.0)	39	(6.5)	105	(17.5)	53	(8.8)	221	(36.9)	16	(2.7)	19	(3.2)	1	(0.2)	**599**	**3**
U	10	(3.0)	1	(0.3)	20	(6.1)	11	(3.3)	8	(2.4)	32	(9.7)	0	(0.0)	0	(0.0)	62	(18.8)	0	(0.0)	161	(48.9)	11	(3.3)	13	(4.0)	0	(0.0)	**329**	**1.6**
V	12	(0.9)	25	(1.8)	542	(38.5)	46	(3.3)	157	(11.1)	62	(4.4)	6	(0.4)	21	(1.5)	119	(8.4)	42	(3.0)	258	(18.3)	23	(1.6)	94	(6.7)	2	(0.1)	**1,409**	**7**
W	8	(1.1)	2	(0.3)	334	(47.9)	15	(2.2)	16	(2.3)	24	(3.4)	0	(0.0)	5	(0.7)	69	(9.9)	16	(2.3)	159	(22.8)	17	(2.4)	24	(3.4)	8	(1.1)	**697**	**3.4**
X1	1	(0.2)	13	(2.9)	371	(81.7)	3	(0.7)	1	(0.2)	11	(2.4)	5	(1.1)	1	(0.2)	3	(0.7)	1	(0.2)	35	(7.7)	1	(0.2)	8	(1.8)	0	(0.0)	**454**	**2.2**
X2	1	(0.3)	5	(1.3)	16	(4.0)	23	(5.8)	46	(11.6)	42	(10.6)	4	(1.0)	1	(0.3)	51	(12.8)	1	(0.3)	181	(45.5)	5	(1.3)	22	(5.5)	0	(0.0)	**398**	**2**
Y	5	(1.0)	7	(1.4)	14	(2.7)	9	(1.7)	23	(4.5)	51	(9.9)	2	(0.4)	51	(9.9)	62	(12.0)	19	(3.7)	231	(44.9)	20	(3.9)	21	(4.1)	0	(0.0)	**515**	**2.5**
Z	8	(2.0)	1	(0.3)	11	(2.8)	15	(3.8)	11	(2.8)	34	(8.7)	0	(0.0)	9	(2.3)	61	(15.6)	1	(0.3)	213	(54.5)	22	(5.6)	5	(1.3)	0	(0.0)	**391**	**1.9**
ZA	3	(0.3)	9	(0.9)	237	(24.4)	31	(3.2)	30	(3.1)	51	(5.3)	2	(0.2)	35	(3.6)	93	(9.6)	43	(4.4)	318	(32.7)	31	(3.2)	85	(8.8)	3	(0.3)	**971**	**4.8**
ZB	1	(0.2)	10	(1.8)	37	(6.6)	37	(6.6)	49	(8.8)	27	(4.8)	1	(0.2)	34	(6.1)	72	(12.9)	18	(3.2)	223	(40.0)	13	(2.3)	35	(6.3)	0	(0.0)	**557**	**2.7**
ZC	9	(0.9)	31	(3.0)	443	(43.0)	32	(3.1)	77	(7.5)	63	(6.1)	1	(0.1)	24	(2.3)	51	(4.9)	16	(1.6)	246	(23.9)	10	(1.0)	27	(2.6)	1	(0.1)	**1,031**	**5.1**
ZD	3	(0.8)	18	(4.9)	5	(1.4)	13	(3.5)	27	(7.3)	25	(6.8)	6	(1.6)	9	(2.4)	71	(19.2)	21	(5.7)	141	(38.1)	10	(2.7)	21	(5.7)	0	(0.0)	**370**	**1.8**
ZE	7	(2.8)	0	(0.0)	147	(59.0)	1	(0.4)	3	(1.2)	1	(0.4)	1	(0.4)	36	(14.5)	5	(2.0)	36	(14.5)	7	(2.8)	3	(1.2)	2	(0.8)	0	(0.0)	**249**	**1.2**
ZF	1	(1.1)	0	(0.0)	1	(1.1)	5	(5.7)	6	(6.9)	1	(1.1)	1	(1.1)	21	(24.1)	19	(21.8)	2	(2.3)	20	(23.0)	1	(1.1)	9	(10.3)	0	(0.0)	**87**	**0.4**
Total	**181**	**(0.9)**	**321**	**(1.6)**	**5,478**	**(27.0)**	**618**	**(3.0)**	**1,224**	**(6.0)**	**1,100**	**(5.4)**	**68**	**(0.3)**	**904**	**(4.5)**	**2,118**	**(10.4)**	**684**	**(3.4)**	**6,213**	**(30.7)**	**397**	**(2.0)**	**910**	**(4.5)**	**53**	**(0.3)**	**20,269**	**100**

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multi-system		Musculo - skeletal		Neuro - logical		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2017																												
A	10	(1.6)	12	(2.0)	21	(3.4)	22	(3.6)	49	(8.0)	33	(5.4)	10	(1.6)	46	(7.5)	101	(16.4)	60	(9.8)	189	(30.7)	18	(2.9)	43	(7.0)	1	(0.2)	**615**	**3.1**
C	5	(1.0)	2	(0.4)	39	(7.9)	24	(4.9)	15	(3.0)	24	(4.9)	2	(0.4)	42	(8.5)	49	(9.9)	27	(5.5)	226	(45.8)	10	(2.0)	28	(5.7)	0	(0.0)	**493**	**2.5**
D	6	(1.0)	6	(1.0)	30	(5.2)	40	(6.9)	26	(4.5)	51	(8.8)	0	(0.0)	13	(2.2)	77	(13.3)	13	(2.2)	280	(48.4)	10	(1.7)	27	(4.7)	0	(0.0)	**579**	**2.9**
E1	7	(0.7)	34	(3.6)	73	(7.7)	35	(3.7)	151	(15.9)	33	(3.5)	3	(0.3)	62	(6.5)	175	(18.4)	33	(3.5)	260	(27.3)	8	(0.8)	77	(8.1)	0	(0.0)	**951**	**4.8**
E2	1	(0.1)	4	(0.5)	641	(83.9)	3	(0.4)	0	(0.0)	10	(1.3)	0	(0.0)	3	(0.4)	4	(0.5)	3	(0.4)	89	(11.6)	1	(0.1)	5	(0.7)	0	(0.0)	**764**	**3.8**
F	0	(0.0)	4	(0.4)	495	(45.6)	24	(2.2)	11	(1.0)	55	(5.1)	1	(0.1)	35	(3.2)	62	(5.7)	3	(0.3)	333	(30.7)	12	(1.1)	42	(3.9)	8	(0.7)	**1,085**	**5.5**
H	14	(2.8)	1	(0.2)	8	(1.6)	20	(4.0)	104	(20.9)	20	(4.0)	5	(1.0)	6	(1.2)	98	(19.7)	42	(8.5)	138	(27.8)	12	(2.4)	26	(5.2)	3	(0.6)	**497**	**2.5**
I	5	(0.7)	4	(0.6)	366	(51.5)	22	(3.1)	41	(5.8)	40	(5.6)	2	(0.3)	7	(1.0)	59	(8.3)	14	(2.0)	115	(16.2)	17	(2.4)	16	(2.3)	3	(0.4)	**711**	**3.6**
K2	1	(0.3)	1	(0.3)	260	(89.0)	2	(0.7)	0	(0.0)	4	(1.4)	0	(0.0)	1	(0.3)	2	(0.7)	1	(0.3)	17	(5.8)	0	(0.0)	3	(1.0)	0	(0.0)	**292**	**1.5**
K3	8	(1.2)	41	(6.3)	18	(2.8)	22	(3.4)	60	(9.3)	39	(6.0)	4	(0.6)	9	(1.4)	123	(19.0)	39	(6.0)	224	(34.7)	19	(2.9)	40	(6.2)	0	(0.0)	**646**	**3.3**
L	0	(0.0)	1	(0.3)	19	(6.6)	7	(2.4)	1	(0.3)	20	(6.9)	0	(0.0)	19	(6.6)	41	(14.2)	0	(0.0)	167	(57.8)	4	(1.4)	10	(3.5)	0	(0.0)	**289**	**1.5**
M	12	(1.9)	6	(1.0)	25	(4.0)	26	(4.2)	24	(3.8)	35	(5.6)	1	(0.2)	74	(11.8)	92	(14.7)	24	(3.8)	230	(36.8)	23	(3.7)	51	(8.2)	2	(0.3)	**625**	**3.1**
N	7	(1.0)	16	(2.2)	25	(3.4)	30	(4.1)	36	(4.9)	33	(4.5)	3	(0.4)	140	(19.1)	115	(15.7)	43	(5.9)	217	(29.6)	24	(3.3)	42	(5.7)	2	(0.3)	**733**	**3.7**
O	0	(0.0)	1	(0.2)	490	(83.5)	1	(0.2)	11	(1.9)	4	(0.7)	0	(0.0)	2	(0.3)	5	(0.9)	7	(1.2)	53	(9.0)	0	(0.0)	11	(1.9)	2	(0.3)	**587**	**3**
P	3	(0.3)	32	(3.2)	456	(46.3)	8	(0.8)	63	(6.4)	38	(3.9)	1	(0.1)	7	(0.7)	73	(7.4)	14	(1.4)	246	(25.0)	15	(1.5)	29	(2.9)	0	(0.0)	**985**	**5**
Q	6	(0.8)	13	(1.8)	17	(2.3)	37	(5.1)	57	(7.8)	56	(7.7)	0	(0.0)	41	(5.6)	93	(12.7)	30	(4.1)	331	(45.2)	20	(2.7)	30	(4.1)	1	(0.1)	**732**	**3.7**
R	6	(0.7)	13	(1.4)	368	(40.2)	12	(1.3)	68	(7.4)	38	(4.1)	1	(0.1)	24	(2.6)	89	(9.7)	24	(2.6)	238	(26.0)	9	(1.0)	26	(2.8)	0	(0.0)	**916**	**4.6**
S	1	(0.3)	0	(0.0)	9	(3.1)	22	(7.5)	3	(1.0)	13	(4.4)	0	(0.0)	17	(5.8)	30	(10.2)	0	(0.0)	164	(55.8)	17	(5.8)	18	(6.1)	0	(0.0)	**294**	**1.5**
T	5	(0.8)	1	(0.2)	16	(2.6)	12	(2.0)	44	(7.2)	63	(10.3)	1	(0.2)	32	(5.2)	97	(15.9)	84	(13.7)	222	(36.3)	16	(2.6)	17	(2.8)	1	(0.2)	**611**	**3.1**
U	8	(2.5)	0	(0.0)	14	(4.4)	9	(2.8)	8	(2.5)	20	(6.3)	0	(0.0)	1	(0.3)	64	(20.1)	0	(0.0)	161	(50.5)	18	(5.6)	15	(4.7)	1	(0.3)	**319**	**1.6**
V	23	(1.7)	23	(1.7)	539	(39.8)	37	(2.7)	107	(7.9)	47	(3.5)	10	(0.7)	32	(2.4)	107	(7.9)	54	(4.0)	273	(20.2)	24	(1.8)	77	(5.7)	0	(0.0)	**1,353**	**6.8**
W	9	(1.2)	3	(0.4)	364	(50.3)	9	(1.2)	18	(2.5)	20	(2.8)	1	(0.1)	4	(0.6)	68	(9.4)	20	(2.8)	160	(22.1)	17	(2.3)	26	(3.6)	5	(0.7)	**724**	**3.6**
X1	2	(0.5)	5	(1.3)	322	(83.0)	1	(0.3)	0	(0.0)	11	(2.8)	1	(0.3)	1	(0.3)	1	(0.3)	0	(0.0)	35	(9.0)	0	(0.0)	9	(2.3)	0	(0.0)	**388**	**2**
X2	4	(1.1)	16	(4.3)	19	(5.1)	21	(5.7)	26	(7.0)	25	(6.7)	1	(0.3)	2	(0.5)	48	(12.9)	6	(1.6)	181	(48.8)	8	(2.2)	14	(3.8)	0	(0.0)	**371**	**1.9**
Y	6	(1.2)	12	(2.4)	24	(4.8)	11	(2.2)	28	(5.6)	45	(9.1)	1	(0.2)	48	(9.7)	64	(12.9)	10	(2.0)	208	(41.9)	16	(3.2)	24	(4.8)	0	(0.0)	**497**	**2.5**
Z	16	(3.9)	1	(0.2)	13	(3.2)	13	(3.2)	22	(5.4)	35	(8.6)	1	(0.2)	18	(4.4)	46	(11.3)	1	(0.2)	201	(49.4)	25	(6.1)	15	(3.7)	0	(0.0)	**407**	**2.1**
ZA	4	(0.4)	4	(0.4)	282	(31.5)	22	(2.5)	37	(4.1)	32	(3.6)	4	(0.4)	29	(3.2)	89	(9.9)	42	(4.7)	284	(31.7)	30	(3.3)	37	(4.1)	0	(0.0)	**896**	**4.5**
ZB	3	(0.6)	17	(3.3)	32	(6.1)	31	(5.9)	32	(6.1)	30	(5.7)	1	(0.2)	44	(8.4)	77	(14.8)	29	(5.6)	169	(32.4)	25	(4.8)	32	(6.1)	0	(0.0)	**522**	**2.6**
ZC	7	(0.7)	20	(1.9)	457	(44.5)	31	(3.0)	73	(7.1)	50	(4.9)	3	(0.3)	45	(4.4)	54	(5.3)	22	(2.1)	224	(21.8)	12	(1.2)	28	(2.7)	0	(0.0)	**1,026**	**5.2**
ZD	6	(1.4)	10	(2.3)	6	(1.4)	20	(4.6)	29	(6.6)	34	(7.8)	0	(0.0)	25	(5.7)	109	(24.9)	19	(4.3)	144	(33.0)	14	(3.2)	21	(4.8)	0	(0.0)	**437**	**2.2**
ZE	8	(1.8)	2	(0.5)	111	(25.3)	0	(0.0)	1	(0.2)	0	(0.0)	0	(0.0)	26	(5.9)	4	(0.9)	267	(61.0)	10	(2.3)	0	(0.0)	9	(2.1)	0	(0.0)	**438**	**2.2**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	2	(3.0)	6	(9.1)	5	(7.6)	0	(0.0)	13	(19.7)	10	(15.2)	2	(3.0)	18	(27.3)	0	(0.0)	10	(15.2)	0	(0.0)	**66**	**0.3**
Total	**193**	**(1.0)**	**305**	**(1.5)**	**5,559**	**(28.0)**	**576**	**(2.9)**	**1,151**	**(5.8)**	**963**	**(4.9)**	**57**	**(0.3)**	**868**	**(4.4)**	**2,126**	**(10.7)**	**933**	**(4.7)**	**5,807**	**(29.3)**	**424**	**(2.1)**	**858**	**(4.3)**	**29**	**(0.1)**	**19,849**	**100**

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multi-system		Musculo - skeletal		Neuro - logical		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018																														
A	6	(1.1)	9	(1.6)	10	(1.8)	17	(3.1)	31	(5.7)	32	(5.9)	4	(0.7)	47	(8.6)	110	(20.1)	65	(11.9)	167	(30.6)	12	(2.2)	35	(6.4)	1	(0.2)	**546**	**2.7**
C	6	(1.2)	7	(1.4)	26	(5.1)	12	(2.4)	30	(5.9)	30	(5.9)	0	(0.0)	36	(7.1)	60	(11.8)	34	(6.7)	240	(47.1)	8	(1.6)	21	(4.1)	0	(0.0)	**510**	**2.5**
D	16	(1.4)	22	(1.9)	63	(5.6)	85	(7.5)	77	(6.8)	60	(5.3)	5	(0.4)	86	(7.6)	154	(13.6)	62	(5.5)	399	(35.2)	23	(2.0)	80	(7.1)	1	(0.1)	**1,133**	**5.6**
E1	21	(2.0)	48	(4.5)	78	(7.3)	40	(3.7)	120	(11.2)	31	(2.9)	2	(0.2)	65	(6.1)	185	(17.3)	44	(4.1)	325	(30.3)	13	(1.2)	98	(9.2)	1	(0.1)	**1,071**	**5.3**
E2	1	(0.1)	6	(0.8)	659	(84.9)	3	(0.4)	3	(0.4)	4	(0.5)	0	(0.0)	0	(0.0)	1	(0.1)	14	(1.8)	80	(10.3)	0	(0.0)	4	(0.5)	1	(0.1)	**776**	**3.9**
F	3	(0.3)	5	(0.5)	467	(42.6)	21	(1.9)	28	(2.6)	67	(6.1)	0	(0.0)	19	(1.7)	89	(8.1)	6	(0.5)	330	(30.1)	8	(0.7)	39	(3.6)	15	(1.4)	**1,097**	**5.4**
H	9	(1.7)	4	(0.7)	15	(2.8)	25	(4.6)	93	(17.2)	52	(9.6)	1	(0.2)	3	(0.6)	92	(17.0)	40	(7.4)	160	(29.5)	21	(3.9)	24	(4.4)	3	(0.6)	**542**	**2.7**
I	1	(0.1)	9	(1.3)	339	(50.2)	26	(3.9)	37	(5.5)	56	(8.3)	0	(0.0)	4	(0.6)	50	(7.4)	18	(2.7)	108	(16.0)	14	(2.1)	13	(1.9)	0	(0.0)	**675**	**3.4**
K2	0	(0.0)	2	(0.6)	280	(86.4)	3	(0.9)	0	(0.0)	7	(2.2)	0	(0.0)	1	(0.3)	3	(0.9)	2	(0.6)	22	(6.8)	0	(0.0)	4	(1.2)	0	(0.0)	**324**	**1.6**
K3	8	(1.3)	32	(5.0)	32	(5.0)	17	(2.7)	61	(9.5)	37	(5.8)	2	(0.3)	15	(2.3)	123	(19.2)	44	(6.9)	215	(33.6)	17	(2.7)	36	(5.6)	0	(0.0)	**639**	**3.2**
L	2	(0.7)	1	(0.4)	17	(6.1)	10	(3.6)	3	(1.1)	20	(7.2)	0	(0.0)	26	(9.4)	43	(15.5)	1	(0.4)	142	(51.3)	0	(0.0)	12	(4.3)	0	(0.0)	**277**	**1.4**
M	12	(1.9)	8	(1.3)	35	(5.5)	17	(2.7)	30	(4.7)	45	(7.1)	5	(0.8)	82	(12.9)	105	(16.6)	12	(1.9)	215	(33.9)	24	(3.8)	44	(6.9)	0	(0.0)	**634**	**3.1**
N	6	(0.7)	10	(1.2)	22	(2.7)	28	(3.5)	31	(3.9)	41	(5.1)	0	(0.0)	160	(19.9)	107	(13.3)	44	(5.5)	264	(32.9)	27	(3.4)	63	(7.8)	0	(0.0)	**803**	**4**
O	0	(0.0)	1	(0.2)	480	(84.1)	0	(0.0)	9	(1.6)	8	(1.4)	0	(0.0)	3	(0.5)	4	(0.7)	4	(0.7)	50	(8.8)	0	(0.0)	12	(2.1)	0	(0.0)	**571**	**2.8**
P	1	(0.1)	29	(3.0)	408	(42.9)	11	(1.2)	73	(7.7)	39	(4.1)	1	(0.1)	13	(1.4)	71	(7.5)	13	(1.4)	241	(25.3)	16	(1.7)	35	(3.7)	0	(0.0)	**951**	**4.7**
Q	10	(1.3)	17	(2.3)	38	(5.1)	24	(3.2)	42	(5.6)	54	(7.3)	1	(0.1)	40	(5.4)	106	(14.2)	27	(3.6)	319	(42.9)	11	(1.5)	55	(7.4)	0	(0.0)	**744**	**3.7**
R	4	(0.5)	8	(0.9)	322	(36.7)	4	(0.5)	65	(7.4)	56	(6.4)	1	(0.1)	21	(2.4)	84	(9.6)	25	(2.9)	234	(26.7)	17	(1.9)	32	(3.6)	4	(0.5)	**877**	**4.4**
S	5	(1.6)	0	(0.0)	15	(4.7)	16	(5.0)	8	(2.5)	24	(7.5)	0	(0.0)	25	(7.9)	30	(9.4)	1	(0.3)	174	(54.7)	6	(1.9)	14	(4.4)	0	(0.0)	**318**	**1.6**
T	10	(1.8)	5	(0.9)	13	(2.3)	14	(2.5)	57	(10.2)	53	(9.4)	0	(0.0)	42	(7.5)	85	(15.2)	55	(9.8)	193	(34.4)	15	(2.7)	19	(3.4)	0	(0.0)	**561**	**2.8**
U	8	(2.5)	1	(0.3)	13	(4.0)	9	(2.8)	17	(5.3)	31	(9.7)	0	(0.0)	1	(0.3)	46	(14.3)	1	(0.3)	176	(54.8)	8	(2.5)	10	(3.1)	0	(0.0)	**321**	**1.6**
V	17	(1.4)	27	(2.2)	510	(42.1)	35	(2.9)	84	(6.9)	48	(4.0)	8	(0.7)	17	(1.4)	117	(9.7)	47	(3.9)	213	(17.6)	18	(1.5)	70	(5.8)	0	(0.0)	**1,211**	**6**
W	10	(1.4)	5	(0.7)	353	(49.3)	12	(1.7)	30	(4.2)	27	(3.8)	0	(0.0)	3	(0.4)	77	(10.8)	19	(2.7)	143	(20.0)	14	(2.0)	23	(3.2)	0	(0.0)	**716**	**3.6**
X1	0	(0.0)	9	(2.1)	386	(88.1)	0	(0.0)	1	(0.2)	9	(2.1)	1	(0.2)	1	(0.2)	0	(0.0)	2	(0.5)	27	(6.2)	0	(0.0)	2	(0.5)	0	(0.0)	**438**	**2.2**
X2	5	(1.3)	3	(0.8)	15	(3.8)	28	(7.2)	23	(5.9)	32	(8.2)	2	(0.5)	5	(1.3)	47	(12.1)	2	(0.5)	209	(53.6)	6	(1.5)	13	(3.3)	0	(0.0)	**390**	**1.9**
Y	13	(2.6)	12	(2.4)	17	(3.4)	13	(2.6)	27	(5.4)	55	(11.0)	1	(0.2)	44	(8.8)	57	(11.4)	28	(5.6)	187	(37.4)	17	(3.4)	29	(5.8)	0	(0.0)	**500**	**2.5**
Z	17	(4.3)	8	(2.0)	17	(4.3)	14	(3.5)	28	(7.1)	31	(7.8)	0	(0.0)	17	(4.3)	46	(11.6)	1	(0.3)	194	(49.0)	13	(3.3)	10	(2.5)	0	(0.0)	**396**	**2**
ZA	6	(0.7)	7	(0.8)	232	(27.2)	24	(2.8)	37	(4.3)	42	(4.9)	5	(0.6)	30	(3.5)	73	(8.6)	34	(4.0)	302	(35.4)	26	(3.0)	34	(4.0)	1	(0.1)	**853**	**4.2**
ZB	5	(1.0)	7	(1.4)	33	(6.6)	33	(6.6)	47	(9.4)	27	(5.4)	0	(0.0)	33	(6.6)	84	(16.8)	27	(5.4)	154	(30.7)	16	(3.2)	34	(6.8)	1	(0.2)	**501**	**2.5**
ZC	25	(2.4)	24	(2.3)	374	(36.6)	32	(3.1)	66	(6.5)	82	(8.0)	3	(0.3)	38	(3.7)	49	(4.8)	34	(3.3)	248	(24.2)	12	(1.2)	36	(3.5)	0	(0.0)	**1,023**	**5.1**
ZD	3	(0.7)	9	(2.2)	4	(1.0)	15	(3.7)	32	(7.9)	33	(8.1)	3	(0.7)	22	(5.4)	71	(17.5)	19	(4.7)	157	(38.8)	11	(2.7)	26	(6.4)	0	(0.0)	**405**	**2**
ZE	0	(0.0)	3	(1.2)	90	(36.0)	0	(0.0)	0	(0.0)	1	(0.4)	0	(0.0)	16	(6.4)	1	(0.4)	121	(48.4)	6	(2.4)	4	(1.6)	8	(3.2)	0	(0.0)	**250**	**1.2**
ZF	0	(0.0)	1	(1.1)	1	(1.1)	5	(5.4)	7	(7.6)	2	(2.2)	0	(0.0)	15	(16.3)	27	(29.3)	0	(0.0)	22	(23.9)	2	(2.2)	10	(10.9)	0	(0.0)	**92**	**0.5**
Total	**230**	**(1.1)**	**339**	**(1.7)**	**5,364**	**(26.6)**	**593**	**(2.9)**	**1,197**	**(5.9)**	**1,136**	**(5.6)**	**45**	**(0.2)**	**930**	**(4.6)**	**2,197**	**(10.9)**	**846**	**(4.2)**	**5,916**	**(29.4)**	**379**	**(1.9)**	**945**	**(4.7)**	**28**	**(0.1)**	**20,145**	**100**
Grand Total	**604**	**(1.0)**	**965**	**(1.6)**	**16,401**	**(27.2)**	**1,787**	**(3.0)**	**3,572**	**(5.9)**	**3,199**	**(5.3)**	**170**	**(0.3)**	**2,702**	**(4.5)**	**6,441**	**(10.7)**	**2,463**	**(4.1)**	**17,936**	**(29.8)**	**1,200**	**(2.0)**	**2,713**	**(4.5)**	**110**	**(0.2)**	**60,263**	**100**

Notes

1) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

2) 'Other' includes a mixture of diagnoses but also some coding where a non-diagnostic Read code was given e.g. 'Post-surgical wound care', this practice varies by organisation.

TABLE 19 ADMISSIONS BY PRIMARY DIAGNOSTIC GROUP (PLANNED - FOLLOWING SURGERY), BY HEALTH ORGANISATION, 2016 - 2018

Table 19 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by diagnostic group and organisation, for patients with a planned following surgery admission type.

Rows in this table show the number of admissions to PICU with a primary diagnosis in each of the diagnostic groups, to each organisation, in each year where the admissions was "planned - following surgery". In the 'Total' column, the total number of planned admissions following surgery to each organisation in each year is given.

The percentages in the white columns show row percentages, i.e. what proportion of "planned - following surgery" admissions, to a given organisation in a given year, were in each diagnostic group. The percentages in the 'Total' column show column percentages, i.e. what proportion of "planned - following surgery" admissions were to a given organisation in a given year.

	DIAGNOSTIC GROUP																													
Year / Organisation	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multisystem		Musculo - skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																														
A	0	(0.0)	3	(1.8)	2	(1.2)	3	(1.8)	14	(8.2)	2	(1.2)	5	(2.9)	38	(22.2)	13	(7.6)	50	(29.2)	33	(19.3)	1	(0.6)	6	(3.5)	1	(0.6)	**171**	**(2.5)**
C	2	(1.4)	2	(1.4)	2	(1.4)	2	(1.4)	14	(9.7)	5	(3.4)	0	(0.0)	42	(29.0)	16	(11.0)	30	(20.7)	20	(13.8)	2	(1.4)	8	(5.5)	0	(0.0)	**145**	**(2.1)**
D	3	(2.2)	1	(0.7)	4	(2.9)	8	(5.9)	14	(10.3)	1	(0.7)	0	(0.0)	18	(13.2)	10	(7.4)	10	(7.4)	35	(25.7)	1	(0.7)	31	(22.8)	0	(0.0)	**136**	**(2.0)**
E1	0	(0.0)	15	(7.0)	8	(3.7)	6	(2.8)	39	(18.2)	1	(0.5)	5	(2.3)	52	(24.3)	23	(10.7)	8	(3.7)	31	(14.5)	0	(0.0)	26	(12.1)	0	(0.0)	**214**	**(3.1)**
E2	1	(0.2)	1	(0.2)	558	(93.9)	0	(0.0)	1	(0.2)	1	(0.2)	0	(0.0)	3	(0.5)	1	(0.2)	6	(1.0)	19	(3.2)	0	(0.0)	3	(0.5)	0	(0.0)	**594**	**(8.7)**
F	0	(0.0)	3	(0.7)	312	(75.5)	0	(0.0)	4	(1.0)	0	(0.0)	0	(0.0)	47	(11.4)	0	(0.0)	1	(0.2)	31	(7.5)	0	(0.0)	14	(3.4)	1	(0.2)	**413**	**(6.0)**
H	2	(1.4)	1	(0.7)	2	(1.4)	8	(5.8)	62	(44.6)	3	(2.2)	0	(0.0)	2	(1.4)	18	(12.9)	31	(22.3)	7	(5.0)	1	(0.7)	2	(1.4)	0	(0.0)	**139**	**(2.0)**
I	2	(0.6)	1	(0.3)	295	(82.4)	1	(0.3)	21	(5.9)	0	(0.0)	0	(0.0)	4	(1.1)	2	(0.6)	18	(5.0)	7	(2.0)	0	(0.0)	7	(2.0)	0	(0.0)	**358**	**(5.2)**
K2	0	(0.0)	0	(0.0)	170	(93.9)	0	(0.0)	1	(0.6)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.6)	0	(0.0)	7	(3.9)	1	(0.6)	1	(0.6)	0	(0.0)	**181**	**(2.7)**
K3	0	(0.0)	19	(12.2)	2	(1.3)	1	(0.6)	10	(6.4)	5	(3.2)	1	(0.6)	7	(4.5)	31	(19.9)	38	(24.4)	24	(15.4)	1	(0.6)	17	(10.9)	0	(0.0)	**156**	**(2.3)**
L	0	(0.0)	1	(5.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	14	(70.0)	1	(5.0)	0	(0.0)	2	(10.0)	0	(0.0)	2	(10.0)	0	(0.0)	**20**	**(0.3)**
M	2	(1.3)	4	(2.6)	3	(1.9)	1	(0.6)	13	(8.4)	0	(0.0)	4	(2.6)	66	(42.6)	5	(3.2)	10	(6.5)	13	(8.4)	1	(0.6)	32	(20.6)	1	(0.6)	**155**	**(2.3)**
N	1	(0.3)	10	(3.0)	2	(0.6)	17	(5.1)	10	(3.0)	2	(0.6)	11	(3.3)	177	(53.0)	25	(7.5)	19	(5.7)	40	(12.0)	1	(0.3)	18	(5.4)	1	(0.3)	**334**	**(4.9)**
O	0	(0.0)	1	(0.3)	270	(86.0)	0	(0.0)	4	(1.3)	1	(0.3)	1	(0.3)	1	(0.3)	4	(1.3)	7	(2.2)	22	(7.0)	1	(0.3)	2	(0.6)	0	(0.0)	**314**	**(4.6)**
P	0	(0.0)	11	(2.8)	300	(76.5)	0	(0.0)	16	(4.1)	5	(1.3)	1	(0.3)	10	(2.6)	13	(3.3)	3	(0.8)	24	(6.1)	0	(0.0)	9	(2.3)	0	(0.0)	**392**	**(5.7)**
Q	3	(1.6)	4	(2.1)	0	(0.0)	3	(1.6)	26	(13.8)	7	(3.7)	1	(0.5)	46	(24.3)	9	(4.8)	18	(9.5)	53	(28.0)	1	(0.5)	15	(7.9)	3	(1.6)	**189**	**(2.8)**
R	1	(0.3)	2	(0.6)	253	(77.6)	0	(0.0)	7	(2.1)	0	(0.0)	0	(0.0)	21	(6.4)	7	(2.1)	7	(2.1)	20	(6.1)	1	(0.3)	6	(1.8)	1	(0.3)	**326**	**(4.8)**
S	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(5.6)	0	(0.0)	13	(72.2)	0	(0.0)	0	(0.0)	3	(16.7)	1	(5.6)	0	(0.0)	0	(0.0)	**18**	**(0.3)**
T	1	(0.6)	7	(4.3)	0	(0.0)	1	(0.6)	23	(14.1)	2	(1.2)	0	(0.0)	37	(22.7)	10	(6.1)	35	(21.5)	36	(22.1)	3	(1.8)	8	(4.9)	0	(0.0)	**163**	**(2.4)**
U	4	(18.2)	0	(0.0)	1	(4.5)	0	(0.0)	3	(13.6)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	13	(59.1)	0	(0.0)	1	(4.5)	0	(0.0)	**22**	**(0.3)**
V	1	(0.2)	2	(0.4)	350	(77.1)	4	(0.9)	27	(5.9)	1	(0.2)	3	(0.7)	8	(1.8)	10	(2.2)	9	(2.0)	14	(3.1)	1	(0.2)	22	(4.8)	2	(0.4)	**454**	**(6.6)**
W	0	(0.0)	1	(0.3)	246	(84.5)	0	(0.0)	6	(2.1)	0	(0.0)	0	(0.0)	3	(1.0)	3	(1.0)	8	(2.7)	11	(3.8)	2	(0.7)	10	(3.4)	1	(0.3)	**291**	**(4.3)**
X1	0	(0.0)	2	(0.9)	219	(96.1)	0	(0.0)	0	(0.0)	1	(0.4)	1	(0.4)	1	(0.4)	0	(0.0)	0	(0.0)	1	(0.4)	0	(0.0)	3	(1.3)	0	(0.0)	**228**	**(3.3)**
X2	0	(0.0)	2	(4.0)	1	(2.0)	1	(2.0)	23	(46.0)	1	(2.0)	1	(2.0)	1	(2.0)	3	(6.0)	1	(2.0)	12	(24.0)	1	(2.0)	3	(6.0)	0	(0.0)	**50**	**(0.7)**
Y	0	(0.0)	1	(0.8)	0	(0.0)	0	(0.0)	9	(7.0)	0	(0.0)	0	(0.0)	42	(32.6)	11	(8.5)	14	(10.9)	41	(31.8)	6	(4.7)	5	(3.9)	0	(0.0)	**129**	**(1.9)**
Z	0	(0.0)	0	(0.0)	0	(0.0)	1	(2.9)	0	(0.0)	8	(23.5)	0	(0.0)	8	(23.5)	0	(0.0)	1	(2.9)	14	(41.2)	2	(5.9)	0	(0.0)	0	(0.0)	**34**	**(0.5)**
ZA	1	(0.2)	4	(0.9)	177	(40.4)	5	(1.1)	15	(3.4)	6	(1.4)	2	(0.5)	34	(7.8)	27	(6.2)	32	(7.3)	74	(16.9)	13	(3.0)	47	(10.7)	1	(0.2)	**438**	**(6.4)**
ZB	1	(0.7)	2	(1.5)	6	(4.4)	2	(1.5)	26	(19.3)	1	(0.7)	0	(0.0)	32	(23.7)	14	(10.4)	17	(12.6)	17	(12.6)	4	(3.0)	13	(9.6)	0	(0.0)	**135**	**(2.0)**
ZC	0	(0.0)	2	(0.6)	254	(74.1)	3	(0.9)	15	(4.4)	3	(0.9)	0	(0.0)	22	(6.4)	1	(0.3)	11	(3.2)	26	(7.6)	1	(0.3)	5	(1.5)	0	(0.0)	**343**	**(5.0)**
ZD	1	(1.2)	4	(4.7)	1	(1.2)	0	(0.0)	12	(14.0)	1	(1.2)	1	(1.2)	9	(10.5)	10	(11.6)	19	(22.1)	17	(19.8)	1	(1.2)	10	(11.6)	0	(0.0)	**86**	**(1.3)**
ZE	4	(2.5)	0	(0.0)	102	(64.6)	1	(0.6)	3	(1.9)	1	(0.6)	0	(0.0)	29	(18.4)	4	(2.5)	10	(6.3)	1	(0.6)	1	(0.6)	2	(1.3)	0	(0.0)	**158**	**(2.3)**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	1	(2.3)	5	(11.4)	0	(0.0)	1	(2.3)	20	(45.5)	8	(18.2)	0	(0.0)	2	(4.5)	1	(2.3)	6	(13.6)	0	(0.0)	**44**	**(0.6)**
Total	**30**	**(0.4)**	**106**	**(1.6)**	**3,540**	**(51.8)**	**69**	**(1.0)**	**423**	**(6.2)**	**59**	**(0.9)**	**38**	**(0.6)**	**807**	**(11.8)**	**280**	**(4.1)**	**413**	**(6.0)**	**670**	**(9.8)**	**49**	**(0.7)**	**334**	**(4.9)**	**12**	**(0.2)**	**6,830**	**(100.0)**

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multisystem		Musculo - skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2017																												
A	1	(0.6)	9	(5.8)	3	(1.9)	2	(1.3)	13	(8.3)	1	(0.6)	3	(1.9)	33	(21.2)	13	(8.3)	27	(17.3)	34	(21.8)	1	(0.6)	16	(10.3)	0	(0.0)	**156**	**(2.3)**
C	1	(0.6)	1	(0.6)	5	(3.2)	2	(1.3)	8	(5.2)	3	(1.9)	2	(1.3)	41	(26.6)	8	(5.2)	21	(13.6)	49	(31.8)	1	(0.6)	12	(7.8)	0	(0.0)	**154**	**(2.3)**
D	1	(1.3)	1	(1.3)	1	(1.3)	1	(1.3)	12	(15.8)	2	(2.6)	0	(0.0)	12	(15.8)	5	(6.6)	3	(3.9)	26	(34.2)	2	(2.6)	10	(13.2)	0	(0.0)	**76**	**(1.1)**
E1	0	(0.0)	10	(5.3)	5	(2.6)	2	(1.1)	39	(20.5)	1	(0.5)	2	(1.1)	52	(27.4)	14	(7.4)	5	(2.6)	40	(21.1)	0	(0.0)	20	(10.5)	0	(0.0)	**190**	**(2.8)**
E2	1	(0.2)	1	(0.2)	488	(92.8)	0	(0.0)	0	(0.0)	3	(0.6)	0	(0.0)	3	(0.6)	1	(0.2)	3	(0.6)	21	(4.0)	0	(0.0)	5	(1.0)	0	(0.0)	**526**	**(7.8)**
F	0	(0.0)	1	(0.2)	323	(77.5)	1	(0.2)	6	(1.4)	0	(0.0)	1	(0.2)	31	(7.4)	4	(1.0)	1	(0.2)	36	(8.6)	2	(0.5)	8	(1.9)	3	(0.7)	**417**	**(6.2)**
H	1	(0.8)	1	(0.8)	1	(0.8)	4	(3.3)	50	(41.7)	0	(0.0)	2	(1.7)	4	(3.3)	15	(12.5)	28	(23.3)	9	(7.5)	0	(0.0)	5	(4.2)	0	(0.0)	**120**	**(1.8)**
I	1	(0.3)	2	(0.5)	311	(83.4)	6	(1.6)	22	(5.9)	3	(0.8)	1	(0.3)	3	(0.8)	1	(0.3)	9	(2.4)	7	(1.9)	0	(0.0)	6	(1.6)	1	(0.3)	**373**	**(5.5)**
K2	0	(0.0)	1	(0.6)	167	(95.4)	0	(0.0)	0	(0.0)	1	(0.6)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.6)	4	(2.3)	0	(0.0)	1	(0.6)	0	(0.0)	**175**	**(2.6)**
K3	0	(0.0)	20	(12.9)	0	(0.0)	1	(0.6)	27	(17.4)	3	(1.9)	2	(1.3)	6	(3.9)	21	(13.5)	34	(21.9)	28	(18.1)	1	(0.6)	12	(7.7)	0	(0.0)	**155**	**(2.3)**
L	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	17	(73.9)	2	(8.7)	0	(0.0)	3	(13.0)	1	(4.3)	0	(0.0)	0	(0.0)	**23**	**(0.3)**
M	1	(0.7)	3	(2.1)	1	(0.7)	3	(2.1)	11	(7.5)	1	(0.7)	0	(0.0)	63	(43.2)	8	(5.5)	10	(6.8)	20	(13.7)	2	(1.4)	23	(15.8)	0	(0.0)	**146**	**(2.2)**
N	0	(0.0)	13	(4.0)	1	(0.3)	17	(5.3)	14	(4.3)	4	(1.2)	3	(0.9)	137	(42.5)	26	(8.1)	34	(10.6)	45	(14.0)	6	(1.9)	21	(6.5)	1	(0.3)	**322**	**(4.8)**
O	0	(0.0)	1	(0.4)	243	(86.8)	0	(0.0)	4	(1.4)	2	(0.7)	0	(0.0)	0	(0.0)	1	(0.4)	7	(2.5)	12	(4.3)	0	(0.0)	8	(2.9)	2	(0.7)	**280**	**(4.2)**
P	1	(0.2)	17	(4.0)	320	(74.8)	0	(0.0)	26	(6.1)	6	(1.4)	1	(0.2)	6	(1.4)	7	(1.6)	6	(1.4)	26	(6.1)	4	(0.9)	8	(1.9)	0	(0.0)	**428**	**(6.4)**
Q	1	(0.5)	6	(3.2)	2	(1.1)	3	(1.6)	29	(15.3)	3	(1.6)	0	(0.0)	38	(20.0)	11	(5.8)	23	(12.1)	64	(33.7)	2	(1.1)	8	(4.2)	0	(0.0)	**190**	**(2.8)**
R	0	(0.0)	7	(1.9)	265	(73.2)	1	(0.3)	16	(4.4)	1	(0.3)	1	(0.3)	21	(5.8)	5	(1.4)	12	(3.3)	27	(7.5)	2	(0.6)	4	(1.1)	0	(0.0)	**362**	**(5.4)**
S	0	(0.0)	0	(0.0)	1	(3.7)	0	(0.0)	0	(0.0)	1	(3.7)	0	(0.0)	14	(51.9)	2	(7.4)	0	(0.0)	8	(29.6)	1	(3.7)	0	(0.0)	0	(0.0)	**27**	**(0.4)**
T	2	(1.2)	1	(0.6)	1	(0.6)	0	(0.0)	24	(14.8)	6	(3.7)	1	(0.6)	32	(19.8)	16	(9.9)	44	(27.2)	28	(17.3)	2	(1.2)	5	(3.1)	0	(0.0)	**162**	**(2.4)**
U	3	(12.5)	0	(0.0)	0	(0.0)	0	(0.0)	2	(8.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	17	(70.8)	0	(0.0)	2	(8.3)	0	(0.0)	**24**	**(0.4)**
V	1	(0.2)	2	(0.5)	329	(78.0)	3	(0.7)	16	(3.8)	0	(0.0)	2	(0.5)	16	(3.8)	8	(1.9)	12	(2.8)	17	(4.0)	0	(0.0)	16	(3.8)	0	(0.0)	**422**	**(6.3)**
W	0	(0.0)	0	(0.0)	265	(89.5)	0	(0.0)	5	(1.7)	4	(1.4)	0	(0.0)	1	(0.3)	4	(1.4)	8	(2.7)	7	(2.4)	0	(0.0)	1	(0.3)	1	(0.3)	**296**	**(4.4)**
X1	0	(0.0)	0	(0.0)	189	(97.9)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.5)	0	(0.0)	0	(0.0)	1	(0.5)	0	(0.0)	2	(1.0)	0	(0.0)	**193**	**(2.9)**
X2	0	(0.0)	12	(15.0)	0	(0.0)	1	(1.3)	13	(16.3)	2	(2.5)	0	(0.0)	1	(1.3)	5	(6.3)	4	(5.0)	36	(45.0)	2	(2.5)	4	(5.0)	0	(0.0)	**80**	**(1.2)**
Y	0	(0.0)	4	(2.7)	7	(4.8)	0	(0.0)	12	(8.2)	2	(1.4)	0	(0.0)	44	(30.1)	14	(9.6)	8	(5.5)	42	(28.8)	4	(2.7)	9	(6.2)	0	(0.0)	**146**	**(2.2)**
Z	1	(2.4)	0	(0.0)	0	(0.0)	1	(2.4)	7	(17.1)	1	(2.4)	0	(0.0)	14	(34.1)	1	(2.4)	0	(0.0)	12	(29.3)	2	(4.9)	2	(4.9)	0	(0.0)	**41**	**(0.6)**
ZA	0	(0.0)	3	(0.7)	217	(54.0)	3	(0.7)	16	(4.0)	3	(0.7)	2	(0.5)	28	(7.0)	27	(6.7)	40	(10.0)	42	(10.4)	7	(1.7)	14	(3.5)	0	(0.0)	**402**	**(6.0)**
ZB	1	(0.7)	11	(7.4)	1	(0.7)	0	(0.0)	19	(12.8)	0	(0.0)	0	(0.0)	42	(28.4)	16	(10.8)	27	(18.2)	17	(11.5)	1	(0.7)	13	(8.8)	0	(0.0)	**148**	**(2.2)**
ZC	1	(0.3)	4	(1.0)	265	(66.9)	1	(0.3)	26	(6.6)	4	(1.0)	0	(0.0)	38	(9.6)	3	(0.8)	14	(3.5)	31	(7.8)	4	(1.0)	5	(1.3)	0	(0.0)	**396**	**(5.9)**
ZD	2	(1.8)	2	(1.8)	1	(0.9)	0	(0.0)	10	(9.2)	2	(1.8)	0	(0.0)	25	(22.9)	20	(18.3)	17	(15.6)	24	(22.0)	1	(0.9)	5	(4.6)	0	(0.0)	**109**	**(1.6)**
ZE	2	(1.3)	2	(1.3)	83	(53.2)	0	(0.0)	1	(0.6)	0	(0.0)	0	(0.0)	22	(14.1)	2	(1.3)	33	(21.2)	2	(1.3)	0	(0.0)	9	(5.8)	0	(0.0)	**156**	**(2.3)**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	1	(2.4)	3	(7.3)	1	(2.4)	0	(0.0)	11	(26.8)	7	(17.1)	1	(2.4)	9	(22.0)	0	(0.0)	8	(19.5)	0	(0.0)	**41**	**(0.6)**
Total	**22**	**(0.3)**	**135**	**(2.0)**	**3,495**	**(51.9)**	**53**	**(0.8)**	**431**	**(6.4)**	**60**	**(0.9)**	**23**	**(0.3)**	**756**	**(11.2)**	**267**	**(4.0)**	**432**	**(6.4)**	**744**	**(11.0)**	**48**	**(0.7)**	**262**	**(3.9)**	**8**	**(0.1)**	**6,736**	**(100.0)**

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multisystem		Musculo - skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018																												
A	1	(0.7)	4	(2.8)	1	(0.7)	3	(2.1)	11	(7.6)	0	(0.0)	2	(1.4)	35	(24.1)	12	(8.3)	37	(25.5)	25	(17.2)	1	(0.7)	13	(9.0)	0	(0.0)	**145**	**(2.1)**
C	2	(1.2)	6	(3.5)	1	(0.6)	1	(0.6)	18	(10.5)	2	(1.2)	0	(0.0)	36	(20.9)	19	(11.0)	21	(12.2)	50	(29.1)	3	(1.7)	13	(7.6)	0	(0.0)	**172**	**(2.5)**
D	2	(0.6)	14	(4.1)	7	(2.1)	11	(3.2)	41	(12.0)	5	(1.5)	3	(0.9)	79	(23.2)	36	(10.6)	41	(12.0)	69	(20.2)	3	(0.9)	30	(8.8)	0	(0.0)	**341**	**(5.0)**
E1	3	(1.2)	16	(6.3)	7	(2.8)	1	(0.4)	30	(11.8)	2	(0.8)	1	(0.4)	56	(22.0)	20	(7.9)	18	(7.1)	46	(18.1)	4	(1.6)	49	(19.3)	1	(0.4)	**254**	**(3.7)**
E2	0	(0.0)	5	(0.9)	500	(92.1)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	12	(2.2)	24	(4.4)	0	(0.0)	2	(0.4)	0	(0.0)	**543**	**(7.9)**
F	0	(0.0)	2	(0.5)	309	(74.3)	1	(0.2)	6	(1.4)	3	(0.7)	0	(0.0)	17	(4.1)	14	(3.4)	5	(1.2)	39	(9.4)	2	(0.5)	14	(3.4)	4	(1.0)	**416**	**(6.1)**
H	2	(1.7)	1	(0.9)	3	(2.6)	10	(8.7)	39	(33.9)	3	(2.6)	0	(0.0)	3	(2.6)	15	(13.0)	27	(23.5)	4	(3.5)	3	(2.6)	5	(4.3)	0	(0.0)	**115**	**(1.7)**
I	0	(0.0)	6	(1.7)	266	(77.3)	8	(2.3)	23	(6.7)	2	(0.6)	0	(0.0)	3	(0.9)	2	(0.6)	14	(4.1)	17	(4.9)	0	(0.0)	3	(0.9)	0	(0.0)	**344**	**(5.0)**
K2	0	(0.0)	1	(0.5)	189	(95.9)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.5)	1	(0.5)	1	(0.5)	2	(1.0)	0	(0.0)	2	(1.0)	0	(0.0)	**197**	**(2.9)**
K3	1	(0.6)	15	(9.7)	5	(3.2)	1	(0.6)	24	(15.5)	2	(1.3)	2	(1.3)	12	(7.7)	24	(15.5)	29	(18.7)	24	(15.5)	2	(1.3)	14	(9.0)	0	(0.0)	**155**	**(2.3)**
L	0	(0.0)	1	(3.8)	0	(0.0)	0	(0.0)	1	(3.8)	1	(3.8)	0	(0.0)	20	(76.9)	0	(0.0)	0	(0.0)	1	(3.8)	0	(0.0)	2	(7.7)	0	(0.0)	**26**	**(0.4)**
M	0	(0.0)	3	(2.2)	5	(3.7)	0	(0.0)	5	(3.7)	1	(0.7)	1	(0.7)	72	(52.9)	9	(6.6)	5	(3.7)	14	(10.3)	2	(1.5)	19	(14.0)	0	(0.0)	**136**	**(2.0)**
N	2	(0.5)	8	(2.2)	1	(0.3)	14	(3.8)	18	(4.9)	6	(1.6)	0	(0.0)	157	(42.7)	30	(8.2)	34	(9.2)	54	(14.7)	6	(1.6)	38	(10.3)	0	(0.0)	**368**	**(5.4)**
O	0	(0.0)	0	(0.0)	271	(90.0)	0	(0.0)	4	(1.3)	1	(0.3)	0	(0.0)	1	(0.3)	0	(0.0)	4	(1.3)	14	(4.7)	0	(0.0)	6	(2.0)	0	(0.0)	**301**	**(4.4)**
P	0	(0.0)	11	(2.7)	290	(71.3)	1	(0.2)	26	(6.4)	2	(0.5)	1	(0.2)	12	(2.9)	15	(3.7)	9	(2.2)	22	(5.4)	0	(0.0)	18	(4.4)	0	(0.0)	**407**	**(5.9)**
Q	0	(0.0)	5	(2.6)	2	(1.0)	0	(0.0)	20	(10.5)	5	(2.6)	1	(0.5)	36	(18.8)	10	(5.2)	16	(8.4)	69	(36.1)	4	(2.1)	23	(12.0)	0	(0.0)	**191**	**(2.8)**
R	1	(0.3)	4	(1.3)	234	(76.0)	0	(0.0)	4	(1.3)	3	(1.0)	1	(0.3)	21	(6.8)	4	(1.3)	16	(5.2)	14	(4.5)	2	(0.6)	3	(1.0)	1	(0.3)	**308**	**(4.5)**
S	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	25	(78.1)	2	(6.3)	0	(0.0)	2	(6.3)	1	(3.1)	2	(6.3)	0	(0.0)	**32**	**(0.5)**
T	1	(0.7)	3	(2.0)	3	(2.0)	1	(0.7)	29	(19.5)	3	(2.0)	0	(0.0)	40	(26.8)	14	(9.4)	22	(14.8)	23	(15.4)	5	(3.4)	5	(3.4)	0	(0.0)	**149**	**(2.2)**
U	2	(5.6)	1	(2.8)	0	(0.0)	1	(2.8)	11	(30.6)	0	(0.0)	0	(0.0)	1	(2.8)	1	(2.8)	0	(0.0)	16	(44.4)	0	(0.0)	3	(8.3)	0	(0.0)	**36**	**(0.5)**
V	1	(0.3)	3	(0.8)	277	(76.7)	5	(1.4)	12	(3.3)	0	(0.0)	2	(0.6)	10	(2.8)	7	(1.9)	11	(3.0)	14	(3.9)	1	(0.3)	18	(5.0)	0	(0.0)	**361**	**(5.3)**
W	2	(0.7)	3	(1.0)	257	(89.9)	0	(0.0)	6	(2.1)	1	(0.3)	0	(0.0)	1	(0.3)	1	(0.3)	5	(1.7)	7	(2.4)	0	(0.0)	3	(1.0)	0	(0.0)	**286**	**(4.2)**
X1	0	(0.0)	2	(0.9)	213	(95.9)	0	(0.0)	1	(0.5)	1	(0.5)	1	(0.5)	1	(0.5)	0	(0.0)	2	(0.9)	1	(0.5)	0	(0.0)	0	(0.0)	0	(0.0)	**222**	**(3.2)**
X2	0	(0.0)	1	(1.8)	1	(1.8)	2	(3.6)	8	(14.3)	1	(1.8)	1	(1.8)	4	(7.1)	1	(1.8)	2	(3.6)	29	(51.8)	1	(1.8)	5	(8.9)	0	(0.0)	**56**	**(0.8)**
Y	1	(0.7)	4	(2.7)	4	(2.7)	0	(0.0)	11	(7.4)	2	(1.4)	0	(0.0)	40	(27.0)	13	(8.8)	14	(9.5)	46	(31.1)	3	(2.0)	10	(6.8)	0	(0.0)	**148**	**(2.2)**
Z	0	(0.0)	5	(11.1)	0	(0.0)	0	(0.0)	8	(17.8)	0	(0.0)	0	(0.0)	16	(35.6)	1	(2.2)	1	(2.2)	8	(17.8)	3	(6.7)	3	(6.7)	0	(0.0)	**45**	**(0.7)**
ZA	1	(0.3)	4	(1.1)	175	(48.1)	2	(0.5)	22	(6.0)	6	(1.6)	5	(1.4)	29	(8.0)	20	(5.5)	25	(6.9)	43	(11.8)	9	(2.5)	22	(6.0)	1	(0.3)	**364**	**(5.3)**
ZB	0	(0.0)	2	(1.6)	1	(0.8)	0	(0.0)	18	(14.1)	0	(0.0)	0	(0.0)	32	(25.0)	6	(4.7)	25	(19.5)	24	(18.8)	5	(3.9)	15	(11.7)	0	(0.0)	**128**	**(1.9)**
ZC	2	(0.5)	6	(1.6)	234	(64.3)	0	(0.0)	21	(5.8)	2	(0.5)	1	(0.3)	32	(8.8)	1	(0.3)	15	(4.1)	42	(11.5)	4	(1.1)	4	(1.1)	0	(0.0)	**364**	**(5.3)**
ZD	0	(0.0)	3	(3.6)	1	(1.2)	1	(1.2)	12	(14.5)	2	(2.4)	1	(1.2)	20	(24.1)	9	(10.8)	14	(16.9)	9	(10.8)	0	(0.0)	11	(13.3)	0	(0.0)	**83**	**(1.2)**
ZE	0	(0.0)	3	(2.8)	66	(60.6)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	15	(13.8)	1	(0.9)	14	(12.8)	3	(2.8)	2	(1.8)	5	(4.6)	0	(0.0)	**109**	**(1.6)**
ZF	0	(0.0)	1	(2.0)	1	(2.0)	1	(2.0)	6	(12.0)	0	(0.0)	0	(0.0)	13	(26.0)	17	(34.0)	0	(0.0)	3	(6.0)	1	(2.0)	7	(14.0)	0	(0.0)	**50**	**(0.7)**
Total	**24**	**(0.4)**	**143**	**(2.1)**	**3,324**	**(48.5)**	**64**	**(0.9)**	**435**	**(6.3)**	**56**	**(0.8)**	**23**	**(0.3)**	**840**	**(12.3)**	**305**	**(4.5)**	**439**	**(6.4)**	**758**	**(11.1)**	**67**	**(1.0)**	**367**	**(5.4)**	**7**	**(0.1)**	**6,852**	**(100.0)**
Grand Total	**76**	**(0.4)**	**384**	**(1.9)**	**10,359**	**(50.7)**	**186**	**(0.9)**	**1,289**	**(6.3)**	**175**	**(0.9)**	**84**	**(0.4)**	**2,403**	**(11.8)**	**852**	**(4.2)**	**1,284**	**(6.3)**	**2,172**	**(10.6)**	**164**	**(0.8)**	**963**	**(4.7)**	**27**	**(0.1)**	**20,418**	**(100.0)**

Notes

1) Children with unknown age are included in this table and hence totals may differ from Table 12

2) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

3) 'Other' includes a mixture of diagnoses but also some coding where a non-diagnostic Read code was given e.g. 'Post-surgical wound care', this practice varies by organisation.

TABLE 20 ADMISSIONS BY PRIMARY DIAGNOSTIC GROUP (UNPLANNED - FOLLOWING SURGERY), BY HEALTH ORGANISATION, 2016 - 2018

Table 20 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by diagnostic group and organisation, for patients with an unplanned following surgery admission type.

Rows in this table show the number of admissions to PICU with a primary diagnosis in each of the diagnostic groups, to each organisation, in each year where the admissions was "unplanned - following surgery". In the 'Total' column, the total number of admissions which were unplanned following surgery to each organisation in each year is given.

The percentages in the white columns show row percentages, i.e. what proportion of "unplanned - following surgery" admissions, to a given organisation in a given year, were in each diagnostic group. The percentages in the 'Total' column show column percentages, i.e. what proportion of "unplanned - following surgery" admissions were to a given organisation in a given year.

Year / Organisation	DIAGNOSTIC GROUP																													
	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multisystem		Musculo - skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																														
A	0	(0.0)	1	(2.2)	2	(4.3)	2	(4.3)	15	(32.6)	3	(6.5)	0	(0.0)	1	(2.2)	5	(10.9)	5	(10.9)	7	(15.2)	1	(2.2)	4	(8.7)	0	(0.0)	**46**	**(4.4)**
C	0	(0.0)	3	(10.7)	1	(3.6)	1	(3.6)	5	(17.9)	0	(0.0)	0	(0.0)	0	(0.0)	6	(21.4)	3	(10.7)	6	(21.4)	1	(3.6)	2	(7.1)	0	(0.0)	**28**	**(2.7)**
D	0	(0.0)	0	(0.0)	3	(4.5)	5	(7.5)	13	(19.4)	7	(10.4)	0	(0.0)	0	(0.0)	7	(10.4)	7	(10.4)	21	(31.3)	2	(3.0)	2	(3.0)	0	(0.0)	**67**	**(6.5)**
E1	2	(4.4)	0	(0.0)	4	(8.9)	1	(2.2)	10	(22.2)	1	(2.2)	0	(0.0)	1	(2.2)	9	(20.0)	6	(13.3)	7	(15.6)	1	(2.2)	3	(6.7)	0	(0.0)	**45**	**(4.3)**
E2	0	(0.0)	0	(0.0)	9	(64.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	(28.6)	1	(7.1)	0	(0.0)	0	(0.0)	**14**	**(1.4)**
F	0	(0.0)	0	(0.0)	33	(62.3)	0	(0.0)	1	(1.9)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	13	(24.5)	0	(0.0)	5	(9.4)	1	(1.9)	**53**	**(5.1)**
H	0	(0.0)	2	(4.9)	3	(7.3)	2	(4.9)	11	(26.8)	0	(0.0)	0	(0.0)	0	(0.0)	7	(17.1)	6	(14.6)	5	(12.2)	5	(12.2)	0	(0.0)	0	(0.0)	**41**	**(4.0)**
I	2	(3.8)	3	(5.8)	7	(13.5)	0	(0.0)	10	(19.2)	2	(3.8)	0	(0.0)	0	(0.0)	6	(11.5)	1	(1.9)	12	(23.1)	4	(7.7)	4	(7.7)	1	(1.9)	**52**	**(5.0)**
K2	0	(0.0)	0	(0.0)	7	(53.8)	1	(7.7)	0	(0.0)	2	(15.4)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(23.1)	0	(0.0)	0	(0.0)	0	(0.0)	**13**	**(1.3)**
K3	0	(0.0)	7	(10.0)	2	(2.9)	2	(2.9)	13	(18.6)	4	(5.7)	0	(0.0)	0	(0.0)	10	(14.3)	3	(4.3)	20	(28.6)	5	(7.1)	4	(5.7)	0	(0.0)	**70**	**(6.8)**
L	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(20.0)	0	(0.0)	1	(20.0)	2	(40.0)	0	(0.0)	1	(20.0)	0	(0.0)	**5**	**(0.5)**
M	1	(2.4)	1	(2.4)	0	(0.0)	1	(2.4)	8	(19.5)	4	(9.8)	1	(2.4)	1	(2.4)	3	(7.3)	4	(9.8)	7	(17.1)	2	(4.9)	8	(19.5)	0	(0.0)	**41**	**(4.0)**
N	0	(0.0)	0	(0.0)	0	(0.0)	2	(7.7)	12	(46.2)	2	(7.7)	0	(0.0)	0	(0.0)	2	(7.7)	4	(15.4)	1	(3.8)	1	(3.8)	2	(7.7)	0	(0.0)	**26**	**(2.5)**
O	0	(0.0)	0	(0.0)	5	(83.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(16.7)	0	(0.0)	0	(0.0)	0	(0.0)	**6**	**(0.6)**
P	1	(3.7)	0	(0.0)	4	(14.8)	1	(3.7)	5	(18.5)	0	(0.0)	0	(0.0)	0	(0.0)	1	(3.7)	1	(3.7)	12	(44.4)	0	(0.0)	2	(7.4)	0	(0.0)	**27**	**(2.6)**
Q	0	(0.0)	2	(4.5)	0	(0.0)	2	(4.5)	10	(22.7)	5	(11.4)	0	(0.0)	2	(4.5)	2	(4.5)	4	(9.1)	9	(20.5)	3	(6.8)	3	(6.8)	2	(4.5)	**44**	**(4.2)**
R	0	(0.0)	1	(3.4)	3	(10.3)	1	(3.4)	7	(24.1)	3	(10.3)	0	(0.0)	3	(10.3)	0	(0.0)	4	(13.8)	7	(24.1)	0	(0.0)	0	(0.0)	0	(0.0)	**29**	**(2.8)**
S	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)	0	(0.0)	0	(0.0)	0	(0.0)	**1**	**(0.1)**
T	0	(0.0)	1	(3.7)	2	(7.4)	0	(0.0)	15	(55.6)	0	(0.0)	0	(0.0)	0	(0.0)	7	(25.9)	0	(0.0)	1	(3.7)	1	(3.7)	0	(0.0)	0	(0.0)	**27**	**(2.6)**
U	0	(0.0)	1	(6.3)	0	(0.0)	0	(0.0)	2	(12.5)	1	(6.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	10	(62.5)	1	(6.3)	1	(6.3)	0	(0.0)	**16**	**(1.5)**
V	0	(0.0)	5	(6.1)	28	(34.1)	0	(0.0)	16	(19.5)	3	(3.7)	0	(0.0)	1	(1.2)	3	(3.7)	7	(8.5)	9	(11.0)	3	(3.7)	7	(8.5)	0	(0.0)	**82**	**(7.9)**
W	2	(5.7)	0	(0.0)	5	(14.3)	0	(0.0)	5	(14.3)	0	(0.0)	0	(0.0)	1	(2.9)	7	(20.0)	3	(8.6)	5	(14.3)	3	(8.6)	3	(8.6)	1	(2.9)	**35**	**(3.4)**
X1	0	(0.0)	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	**2**	**(0.2)**
X2	0	(0.0)	1	(5.3)	1	(5.3)	0	(0.0)	8	(42.1)	1	(5.3)	0	(0.0)	0	(0.0)	1	(5.3)	0	(0.0)	5	(26.3)	0	(0.0)	2	(10.5)	0	(0.0)	**19**	**(1.8)**
Y	0	(0.0)	2	(6.7)	0	(0.0)	1	(3.3)	7	(23.3)	0	(0.0)	0	(0.0)	4	(13.3)	1	(3.3)	1	(3.3)	10	(33.3)	2	(6.7)	2	(6.7)	0	(0.0)	**30**	**(2.9)**
Z	0	(0.0)	0	(0.0)	1	(3.2)	5	(16.1)	2	(6.5)	1	(3.2)	0	(0.0)	0	(0.0)	1	(3.2)	0	(0.0)	19	(61.3)	2	(6.5)	0	(0.0)	0	(0.0)	**31**	**(3.0)**
ZA	0	(0.0)	3	(4.0)	7	(9.3)	0	(0.0)	9	(12.0)	11	(14.7)	0	(0.0)	0	(0.0)	6	(8.0)	4	(5.3)	18	(24.0)	2	(2.7)	15	(20.0)	0	(0.0)	**75**	**(7.2)**
ZB	0	(0.0)	0	(0.0)	1	(2.1)	2	(4.3)	15	(31.9)	3	(6.4)	0	(0.0)	0	(0.0)	5	(10.6)	0	(0.0)	14	(29.8)	0	(0.0)	7	(14.9)	0	(0.0)	**47**	**(4.5)**
ZC	2	(4.8)	4	(9.5)	9	(21.4)	1	(2.4)	13	(31.0)	2	(4.8)	0	(0.0)	2	(4.8)	0	(0.0)	1	(2.4)	6	(14.3)	0	(0.0)	2	(4.8)	0	(0.0)	**42**	**(4.1)**
ZD	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(7.1)	1	(7.1)	0	(0.0)	0	(0.0)	4	(28.6)	1	(7.1)	3	(21.4)	3	(21.4)	1	(7.1)	0	(0.0)	**14**	**(1.4)**
ZE	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	**2**	**(0.2)**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(14.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	6	(85.7)	0	(0.0)	0	(0.0)	0	(0.0)	**7**	**(0.7)**
Total	**10**	**(1.0)**	**37**	**(3.6)**	**139**	**(13.4)**	**30**	**(2.9)**	**213**	**(20.5)**	**58**	**(5.6)**	**1**	**(0.1)**	**17**	**(1.6)**	**93**	**(9.0)**	**66**	**(6.4)**	**245**	**(23.6)**	**43**	**(4.1)**	**80**	**(7.7)**	**5**	**(0.5)**	**1,037**	**(100.0)**

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multisystem		Musculo - skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2017																												
A	1	(2.1)	1	(2.1)	0	(0.0)	1	(2.1)	13	(27.7)	1	(2.1)	1	(2.1)	1	(2.1)	6	(12.8)	7	(14.9)	6	(12.8)	3	(6.4)	6	(12.8)	0	(0.0)	**47**	**(4.3)**
C	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	5	(27.8)	3	(16.7)	0	(0.0)	0	(0.0)	0	(0.0)	2	(11.1)	5	(27.8)	0	(0.0)	3	(16.7)	0	(0.0)	**18**	**(1.7)**
D	1	(1.5)	3	(4.6)	2	(3.1)	3	(4.6)	8	(12.3)	6	(9.2)	0	(0.0)	0	(0.0)	7	(10.8)	4	(6.2)	27	(41.5)	2	(3.1)	2	(3.1)	0	(0.0)	**65**	**(6.0)**
E1	0	(0.0)	0	(0.0)	7	(12.1)	2	(3.4)	10	(17.2)	1	(1.7)	0	(0.0)	2	(3.4)	8	(13.8)	6	(10.3)	10	(17.2)	2	(3.4)	10	(17.2)	0	(0.0)	**58**	**(5.3)**
E2	0	(0.0)	0	(0.0)	6	(60.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(30.0)	1	(10.0)	0	(0.0)	0	(0.0)	**10**	**(0.9)**
F	0	(0.0)	0	(0.0)	39	(73.6)	0	(0.0)	0	(0.0)	1	(1.9)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	7	(13.2)	1	(1.9)	4	(7.5)	1	(1.9)	**53**	**(4.9)**
H	1	(1.9)	0	(0.0)	3	(5.7)	1	(1.9)	22	(41.5)	1	(1.9)	0	(0.0)	0	(0.0)	8	(15.1)	9	(17.0)	2	(3.8)	4	(7.5)	1	(1.9)	1	(1.9)	**53**	**(4.9)**
I	1	(1.8)	0	(0.0)	13	(23.6)	1	(1.8)	8	(14.5)	1	(1.8)	0	(0.0)	1	(1.8)	7	(12.7)	3	(5.5)	9	(16.4)	7	(12.7)	4	(7.3)	0	(0.0)	**55**	**(5.1)**
K2	0	(0.0)	0	(0.0)	1	(20.0)	1	(20.0)	0	(0.0)	1	(20.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(20.0)	0	(0.0)	1	(20.0)	0	(0.0)	**5**	**(0.5)**
K3	2	(3.0)	7	(10.4)	3	(4.5)	0	(0.0)	15	(22.4)	4	(6.0)	1	(1.5)	2	(3.0)	8	(11.9)	1	(1.5)	13	(19.4)	4	(6.0)	7	(10.4)	0	(0.0)	**67**	**(6.2)**
L	0	(0.0)	0	(0.0)	3	(17.6)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	12	(70.6)	0	(0.0)	2	(11.8)	0	(0.0)	**17**	**(1.6)**
M	2	(6.3)	1	(3.1)	2	(6.3)	0	(0.0)	5	(15.6)	0	(0.0)	0	(0.0)	0	(0.0)	4	(12.5)	3	(9.4)	9	(28.1)	3	(9.4)	3	(9.4)	0	(0.0)	**32**	**(2.9)**
N	0	(0.0)	0	(0.0)	3	(15.0)	1	(5.0)	4	(20.0)	2	(10.0)	0	(0.0)	0	(0.0)	3	(15.0)	0	(0.0)	5	(25.0)	1	(5.0)	1	(5.0)	0	(0.0)	**20**	**(1.8)**
O	0	(0.0)	0	(0.0)	2	(66.7)	0	(0.0)	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**	**(0.3)**
P	1	(5.0)	1	(5.0)	5	(25.0)	0	(0.0)	3	(15.0)	2	(10.0)	0	(0.0)	0	(0.0)	1	(5.0)	0	(0.0)	4	(20.0)	0	(0.0)	3	(15.0)	0	(0.0)	**20**	**(1.8)**
Q	0	(0.0)	2	(3.3)	2	(3.3)	2	(3.3)	12	(20.0)	6	(10.0)	0	(0.0)	1	(1.7)	12	(20.0)	1	(1.7)	14	(23.3)	3	(5.0)	5	(8.3)	0	(0.0)	**60**	**(5.5)**
R	2	(5.4)	1	(2.7)	3	(8.1)	1	(2.7)	5	(13.5)	3	(8.1)	0	(0.0)	3	(8.1)	2	(5.4)	4	(10.8)	11	(29.7)	1	(2.7)	1	(2.7)	0	(0.0)	**37**	**(3.4)**
S	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(16.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	8	(44.4)	4	(22.2)	3	(16.7)	0	(0.0)	**18**	**(1.7)**
T	0	(0.0)	0	(0.0)	3	(7.9)	0	(0.0)	7	(18.4)	2	(5.3)	0	(0.0)	0	(0.0)	9	(23.7)	2	(5.3)	9	(23.7)	5	(13.2)	1	(2.6)	0	(0.0)	**38**	**(3.5)**
U	0	(0.0)	0	(0.0)	1	(12.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	5	(62.5)	2	(25.0)	0	(0.0)	0	(0.0)	**8**	**(0.7)**
V	2	(1.6)	2	(1.6)	44	(35.8)	1	(0.8)	19	(15.4)	2	(1.6)	2	(1.6)	2	(1.6)	10	(8.1)	8	(6.5)	18	(14.6)	2	(1.6)	11	(8.9)	0	(0.0)	**123**	**(11.3)**
W	0	(0.0)	1	(2.6)	5	(12.8)	0	(0.0)	1	(2.6)	1	(2.6)	0	(0.0)	0	(0.0)	8	(20.5)	5	(12.8)	8	(20.5)	3	(7.7)	7	(17.9)	0	(0.0)	**39**	**(3.6)**
X2	0	(0.0)	1	(5.6)	1	(5.6)	0	(0.0)	3	(16.7)	1	(5.6)	0	(0.0)	1	(5.6)	1	(5.6)	0	(0.0)	7	(38.9)	1	(5.6)	2	(11.1)	0	(0.0)	**18**	**(1.7)**
Y	1	(2.8)	2	(5.6)	1	(2.8)	0	(0.0)	5	(13.9)	2	(5.6)	0	(0.0)	2	(5.6)	6	(16.7)	0	(0.0)	12	(33.3)	3	(8.3)	2	(5.6)	0	(0.0)	**36**	**(3.3)**
Z	0	(0.0)	1	(3.8)	1	(3.8)	0	(0.0)	10	(38.5)	1	(3.8)	0	(0.0)	2	(7.7)	1	(3.8)	0	(0.0)	8	(30.8)	1	(3.8)	1	(3.8)	0	(0.0)	**26**	**(2.4)**
ZA	0	(0.0)	1	(2.2)	8	(17.4)	1	(2.2)	11	(23.9)	2	(4.3)	1	(2.2)	0	(0.0)	3	(6.5)	0	(0.0)	13	(28.3)	3	(6.5)	3	(6.5)	0	(0.0)	**46**	**(4.2)**
ZB	0	(0.0)	2	(4.9)	4	(9.8)	4	(9.8)	10	(24.4)	2	(4.9)	0	(0.0)	0	(0.0)	3	(7.3)	1	(2.4)	7	(17.1)	1	(2.4)	7	(17.1)	0	(0.0)	**41**	**(3.8)**
ZC	0	(0.0)	0	(0.0)	11	(21.6)	2	(3.9)	17	(33.3)	2	(3.9)	0	(0.0)	2	(3.9)	0	(0.0)	1	(2.0)	12	(23.5)	0	(0.0)	4	(7.8)	0	(0.0)	**51**	**(4.7)**
ZD	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(5.9)	0	(0.0)	0	(0.0)	0	(0.0)	8	(47.1)	0	(0.0)	1	(5.9)	0	(0.0)	7	(41.2)	0	(0.0)	**17**	**(1.6)**
ZE	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	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	**1**	**(0.1)**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(25.0)	0	(0.0)	1	(25.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(50.0)	0	(0.0)	**4**	**(0.4)**
Total	**14**	**(1.3)**	**26**	**(2.4)**	**173**	**(15.9)**	**21**	**(1.9)**	**197**	**(18.1)**	**48**	**(4.4)**	**5**	**(0.5)**	**20**	**(1.8)**	**115**	**(10.6)**	**57**	**(5.2)**	**248**	**(22.8)**	**57**	**(5.2)**	**103**	**(9.5)**	**2**	**(0.2)**	**1,086**	**(100.0)**

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multisystem		Musculo - skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018																												
A	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	10	(19.6)	2	(3.9)	0	(0.0)	1	(2.0)	12	(23.5)	7	(13.7)	11	(21.6)	3	(5.9)	5	(9.8)	0	(0.0)	**51**	**(4.7)**
C	0	(0.0)	0	(0.0)	1	(5.3)	0	(0.0)	4	(21.1)	2	(10.5)	0	(0.0)	0	(0.0)	2	(10.5)	2	(10.5)	5	(26.3)	0	(0.0)	3	(15.8)	0	(0.0)	**19**	**(1.8)**
D	1	(1.0)	4	(4.2)	3	(3.1)	2	(2.1)	25	(26.0)	4	(4.2)	0	(0.0)	1	(1.0)	10	(10.4)	8	(8.3)	22	(22.9)	6	(6.3)	10	(10.4)	0	(0.0)	**96**	**(8.9)**
E1	0	(0.0)	1	(1.9)	3	(5.6)	0	(0.0)	8	(14.8)	1	(1.9)	1	(1.9)	2	(3.7)	13	(24.1)	3	(5.6)	17	(31.5)	1	(1.9)	4	(7.4)	0	(0.0)	**54**	**(5.0)**
E2	0	(0.0)	0	(0.0)	6	(85.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(14.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	**7**	**(0.7)**
F	0	(0.0)	0	(0.0)	40	(66.7)	1	(1.7)	8	(13.3)	1	(1.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	8	(13.3)	0	(0.0)	1	(1.7)	1	(1.7)	**60**	**(5.6)**
H	1	(2.5)	1	(2.5)	1	(2.5)	1	(2.5)	13	(32.5)	5	(12.5)	1	(2.5)	0	(0.0)	5	(12.5)	6	(15.0)	2	(5.0)	3	(7.5)	0	(0.0)	1	(2.5)	**40**	**(3.7)**
I	1	(2.0)	0	(0.0)	16	(32.0)	1	(2.0)	7	(14.0)	2	(4.0)	0	(0.0)	0	(0.0)	6	(12.0)	2	(4.0)	8	(16.0)	4	(8.0)	3	(6.0)	0	(0.0)	**50**	**(4.6)**
K2	0	(0.0)	0	(0.0)	2	(40.0)	0	(0.0)	0	(0.0)	1	(20.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(40.0)	0	(0.0)	0	(0.0)	0	(0.0)	**5**	**(0.5)**
K3	2	(3.0)	4	(6.1)	4	(6.1)	1	(1.5)	18	(27.3)	3	(4.5)	0	(0.0)	2	(3.0)	5	(7.6)	7	(10.6)	14	(21.2)	1	(1.5)	5	(7.6)	0	(0.0)	**66**	**(6.1)**
L	1	(25.0)	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)	3	(75.0)	0	(0.0)	0	(0.0)	0	(0.0)	**4**	**(0.4)**
M	0	(0.0)	2	(4.4)	1	(2.2)	1	(2.2)	9	(20.0)	0	(0.0)	0	(0.0)	1	(2.2)	11	(24.4)	0	(0.0)	13	(28.9)	2	(4.4)	5	(11.1)	0	(0.0)	**45**	**(4.2)**
N	0	(0.0)	0	(0.0)	1	(7.1)	0	(0.0)	9	(64.3)	1	(7.1)	0	(0.0)	0	(0.0)	1	(7.1)	1	(7.1)	0	(0.0)	0	(0.0)	1	(7.1)	0	(0.0)	**14**	**(1.3)**
O	0	(0.0)	0	(0.0)	1	(33.3)	0	(0.0)	1	(33.3)	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**	**(0.3)**
P	0	(0.0)	0	(0.0)	4	(20.0)	1	(5.0)	1	(5.0)	2	(10.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(5.0)	8	(40.0)	1	(5.0)	2	(10.0)	0	(0.0)	**20**	**(1.9)**
Q	0	(0.0)	4	(6.3)	2	(3.1)	1	(1.6)	9	(14.1)	3	(4.7)	0	(0.0)	1	(1.6)	13	(20.3)	4	(6.3)	18	(28.1)	0	(0.0)	9	(14.1)	0	(0.0)	**64**	**(5.9)**
R	0	(0.0)	0	(0.0)	2	(6.1)	0	(0.0)	9	(27.3)	2	(6.1)	0	(0.0)	0	(0.0)	3	(9.1)	1	(3.0)	14	(42.4)	0	(0.0)	2	(6.1)	0	(0.0)	**33**	**(3.1)**
S	0	(0.0)	0	(0.0)	2	(20.0)	0	(0.0)	3	(30.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	5	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	**10**	**(0.9)**
T	1	(4.2)	0	(0.0)	1	(4.2)	0	(0.0)	9	(37.5)	2	(8.3)	0	(0.0)	0	(0.0)	5	(20.8)	2	(8.3)	3	(12.5)	1	(4.2)	0	(0.0)	0	(0.0)	**24**	**(2.2)**
U	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(30.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(30.0)	2	(20.0)	2	(20.0)	0	(0.0)	**10**	**(0.9)**
V	0	(0.0)	6	(5.8)	44	(42.7)	1	(1.0)	10	(9.7)	1	(1.0)	2	(1.9)	2	(1.9)	9	(8.7)	9	(8.7)	13	(12.6)	2	(1.9)	4	(3.9)	0	(0.0)	**103**	**(9.6)**
W	1	(2.3)	1	(2.3)	4	(9.3)	0	(0.0)	11	(25.6)	2	(4.7)	0	(0.0)	1	(2.3)	7	(16.3)	5	(11.6)	4	(9.3)	5	(11.6)	2	(4.7)	0	(0.0)	**43**	**(4.0)**
X1	0	(0.0)	0	(0.0)	7	(87.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(12.5)	0	(0.0)	0	(0.0)	0	(0.0)	**8**	**(0.7)**
X2	0	(0.0)	1	(4.8)	0	(0.0)	0	(0.0)	4	(19.0)	2	(9.5)	0	(0.0)	0	(0.0)	1	(4.8)	0	(0.0)	7	(33.3)	3	(14.3)	3	(14.3)	0	(0.0)	**21**	**(2.0)**
Y	3	(9.4)	1	(3.1)	1	(3.1)	2	(6.3)	5	(15.6)	0	(0.0)	0	(0.0)	1	(3.1)	3	(9.4)	2	(6.3)	4	(12.5)	5	(15.6)	5	(15.6)	0	(0.0)	**32**	**(3.0)**
Z	0	(0.0)	2	(8.0)	0	(0.0)	1	(4.0)	7	(28.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	11	(44.0)	2	(8.0)	2	(8.0)	0	(0.0)	**25**	**(2.3)**
ZA	1	(2.6)	1	(2.6)	7	(18.4)	0	(0.0)	9	(23.7)	3	(7.9)	0	(0.0)	0	(0.0)	4	(10.5)	2	(5.3)	5	(13.2)	5	(13.2)	1	(2.6)	0	(0.0)	**38**	**(3.5)**
ZB	0	(0.0)	2	(4.0)	1	(2.0)	2	(4.0)	17	(34.0)	6	(12.0)	0	(0.0)	0	(0.0)	8	(16.0)	1	(2.0)	9	(18.0)	1	(2.0)	3	(6.0)	0	(0.0)	**50**	**(4.6)**
ZD	0	(0.0)	0	(0.0)	0	(0.0)	1	(5.9)	1	(5.9)	0	(0.0)	0	(0.0)	1	(5.9)	6	(35.3)	1	(5.9)	6	(35.3)	0	(0.0)	1	(5.9)	0	(0.0)	**17**	**(1.6)**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	1	(20.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(60.0)	0	(0.0)	1	(20.0)	0	(0.0)	**5**	**(0.5)**
Total	**12**	**(1.1)**	**30**	**(2.8)**	**165**	**(15.3)**	**20**	**(1.9)**	**220**	**(20.4)**	**47**	**(4.4)**	**4**	**(0.4)**	**17**	**(1.6)**	**127**	**(11.8)**	**67**	**(6.2)**	**237**	**(22.0)**	**48**	**(4.5)**	**80**	**(7.4)**	**2**	**(0.2)**	**1,076**	**(100.0)**
Grand Total	**36**	**(1.1)**	**93**	**(2.9)**	**477**	**(14.9)**	**71**	**(2.2)**	**630**	**(19.7)**	**153**	**(4.8)**	**10**	**(0.3)**	**54**	**(1.7)**	**335**	**(10.5)**	**190**	**(5.9)**	**730**	**(22.8)**	**148**	**(4.6)**	**263**	**(8.2)**	**9**	**(0.3)**	**3,199**	**(100.0)**

Notes

1) Children with unknown age are included in this table and hence totals may differ from Table 12

2) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

3) 'Other' includes a mixture of diagnoses but also some coding where a non-diagnostic Read code was given e.g. 'Post-surgical wound care', this practice varies by organisation.

TABLE 21 ADMISSIONS BY PRIMARY DIAGNOSTIC GROUP (PLANNED - OTHER), BY HEALTH ORGANISATION, 2016 - 2018

Table 21 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by diagnostic group and organisation, for patients with a "planned - other" admission type.

Rows in this table show the number of admissions to PICU with a primary diagnosis in each of the diagnostic groups, to each organisation, in each year where the admissions was "planned - other". In the 'Total' column, the total number of admissions which were planned but not following surgery, to each organisation in each year is given.

The percentages in the white columns show row percentages, i.e. what proportion of "planned - other" admissions, to a given organisation in a given year, were in each diagnostic group. The percentages in the 'Total' column show column percentages, i.e. what proportion of "planned - other" admissions were to a given organisation in a given year.

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio vascular		Endocrine / metabolic		Gastro intestinal		Infection		Multisystem		Musculo skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																												
A	1	(1.8)	0	(0.0)	0	(0.0)	3	(5.3)	3	(5.3)	0	(0.0)	2	(3.5)	7	(12.3)	8	(14.0)	4	(7.0)	27	(47.4)	0	(0.0)	2	(3.5)	0	(0.0)	**57**	**(5.4)**
C	0	(0.0)	0	(0.0)	1	(10.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(10.0)	0	(0.0)	0	(0.0)	6	(60.0)	0	(0.0)	2	(20.0)	0	(0.0)	**10**	**(0.9)**
D	0	(0.0)	0	(0.0)	0	(0.0)	3	(33.3)	0	(0.0)	1	(11.1)	0	(0.0)	1	(11.1)	0	(0.0)	0	(0.0)	4	(44.4)	0	(0.0)	0	(0.0)	0	(0.0)	**9**	**(0.8)**
E1	4	(2.3)	12	(7.0)	25	(14.5)	4	(2.3)	22	(12.8)	2	(1.2)	1	(0.6)	3	(1.7)	34	(19.8)	13	(7.6)	35	(20.3)	0	(0.0)	17	(9.9)	0	(0.0)	**172**	**(16.2)**
E2	0	(0.0)	0	(0.0)	47	(79.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(3.4)	10	(16.9)	0	(0.0)	0	(0.0)	0	(0.0)	**59**	**(5.6)**
F	0	(0.0)	1	(1.9)	27	(50.0)	3	(5.6)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(5.6)	0	(0.0)	17	(31.5)	0	(0.0)	2	(3.7)	1	(1.9)	**54**	**(5.1)**
H	0	(0.0)	0	(0.0)	1	(2.7)	2	(5.4)	8	(21.6)	4	(10.8)	0	(0.0)	0	(0.0)	7	(18.9)	1	(2.7)	13	(35.1)	0	(0.0)	1	(2.7)	0	(0.0)	**37**	**(3.5)**
I	0	(0.0)	1	(5.9)	4	(23.5)	0	(0.0)	2	(11.8)	1	(5.9)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	5	(29.4)	0	(0.0)	2	(11.8)	2	(11.8)	**17**	**(1.6)**
K2	0	(0.0)	0	(0.0)	31	(88.6)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	(11.4)	0	(0.0)	0	(0.0)	0	(0.0)	**35**	**(3.3)**
K3	0	(0.0)	9	(42.9)	1	(4.8)	0	(0.0)	0	(0.0)	1	(4.8)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	9	(42.9)	0	(0.0)	1	(4.8)	0	(0.0)	**21**	**(2.0)**
L	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	(33.3)	1	(8.3)	0	(0.0)	6	(50.0)	0	(0.0)	1	(8.3)	0	(0.0)	**12**	**(1.1)**
M	2	(6.7)	1	(3.3)	0	(0.0)	1	(3.3)	2	(6.7)	1	(3.3)	0	(0.0)	2	(6.7)	2	(6.7)	1	(3.3)	15	(50.0)	1	(3.3)	2	(6.7)	0	(0.0)	**30**	**(2.8)**
N	0	(0.0)	1	(5.3)	5	(26.3)	3	(15.8)	0	(0.0)	0	(0.0)	1	(5.3)	2	(10.5)	5	(26.3)	0	(0.0)	2	(10.5)	0	(0.0)	0	(0.0)	0	(0.0)	**19**	**(1.8)**
O	0	(0.0)	0	(0.0)	28	(90.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(6.5)	0	(0.0)	1	(3.2)	0	(0.0)	**31**	**(2.9)**
P	0	(0.0)	0	(0.0)	11	(57.9)	0	(0.0)	0	(0.0)	1	(5.3)	0	(0.0)	1	(5.3)	5	(26.3)	0	(0.0)	0	(0.0)	1	(5.3)	0	(0.0)	0	(0.0)	**19**	**(1.8)**
Q	1	(2.9)	5	(14.7)	3	(8.8)	0	(0.0)	2	(5.9)	0	(0.0)	0	(0.0)	3	(8.8)	2	(5.9)	0	(0.0)	14	(41.2)	0	(0.0)	4	(11.8)	0	(0.0)	**34**	**(3.2)**
R	0	(0.0)	0	(0.0)	9	(69.2)	0	(0.0)	1	(7.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(23.1)	0	(0.0)	0	(0.0)	0	(0.0)	**13**	**(1.2)**
S	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(16.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	(66.7)	0	(0.0)	1	(16.7)	0	(0.0)	**6**	**(0.6)**
T	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(11.1)	5	(55.6)	0	(0.0)	3	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	**9**	**(0.8)**
U	0	(0.0)	0	(0.0)	1	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(66.7)	0	(0.0)	0	(0.0)	0	(0.0)	**3**	**(0.3)**
V	1	(2.3)	3	(6.8)	12	(27.3)	2	(4.5)	9	(20.5)	1	(2.3)	1	(2.3)	0	(0.0)	0	(0.0)	1	(2.3)	9	(20.5)	0	(0.0)	5	(11.4)	0	(0.0)	**44**	**(4.2)**
W	0	(0.0)	0	(0.0)	5	(50.0)	0	(0.0)	0	(0.0)	1	(10.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(20.0)	1	(10.0)	1	(10.0)	0	(0.0)	**10**	**(0.9)**
X1	0	(0.0)	1	(1.1)	76	(83.5)	1	(1.1)	1	(1.1)	1	(1.1)	2	(2.2)	0	(0.0)	1	(1.1)	0	(0.0)	4	(4.4)	0	(0.0)	4	(4.4)	0	(0.0)	**91**	**(8.6)**
X2	0	(0.0)	0	(0.0)	6	(18.2)	2	(6.1)	3	(9.1)	6	(18.2)	1	(3.0)	0	(0.0)	3	(9.1)	0	(0.0)	9	(27.3)	1	(3.0)	2	(6.1)	0	(0.0)	**33**	**(3.1)**
Y	0	(0.0)	1	(4.0)	2	(8.0)	0	(0.0)	2	(8.0)	0	(0.0)	0	(0.0)	5	(20.0)	6	(24.0)	1	(4.0)	7	(28.0)	0	(0.0)	1	(4.0)	0	(0.0)	**25**	**(2.4)**
Z	0	(0.0)	0	(0.0)	1	(10.0)	1	(10.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(10.0)	2	(20.0)	0	(0.0)	5	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	**10**	**(0.9)**
ZA	0	(0.0)	0	(0.0)	10	(58.8)	1	(5.9)	1	(5.9)	1	(5.9)	0	(0.0)	1	(5.9)	0	(0.0)	2	(11.8)	1	(5.9)	0	(0.0)	0	(0.0)	0	(0.0)	**17**	**(1.6)**
ZB	0	(0.0)	4	(25.0)	6	(37.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(6.3)	0	(0.0)	0	(0.0)	5	(31.3)	0	(0.0)	0	(0.0)	0	(0.0)	**16**	**(1.5)**
ZC	1	(1.8)	3	(5.3)	23	(40.4)	0	(0.0)	10	(17.5)	2	(3.5)	0	(0.0)	0	(0.0)	1	(1.8)	0	(0.0)	13	(22.8)	0	(0.0)	4	(7.0)	0	(0.0)	**57**	**(5.4)**
ZD	0	(0.0)	1	(5.0)	0	(0.0)	2	(10.0)	0	(0.0)	0	(0.0)	3	(15.0)	0	(0.0)	5	(25.0)	0	(0.0)	6	(30.0)	0	(0.0)	3	(15.0)	0	(0.0)	**20**	**(1.9)**
ZE	2	(2.9)	0	(0.0)	33	(47.1)	0	(0.0)	0	(0.0)	0	(0.0)	1	(1.4)	6	(8.6)	1	(1.4)	23	(32.9)	2	(2.9)	2	(2.9)	0	(0.0)	0	(0.0)	**70**	**(6.6)**
ZF	0	(0.0)	0	(0.0)	1	(5.0)	2	(10.0)	1	(5.0)	0	(0.0)	0	(0.0)	0	(0.0)	9	(45.0)	2	(10.0)	4	(20.0)	0	(0.0)	1	(5.0)	0	(0.0)	**20**	**(1.9)**
Total	**12**	**(1.1)**	**43**	**(4.1)**	**369**	**(34.8)**	**30**	**(2.8)**	**68**	**(6.4)**	**23**	**(2.2)**	**12**	**(1.1)**	**39**	**(3.7)**	**100**	**(9.4)**	**50**	**(4.7)**	**248**	**(23.4)**	**6**	**(0.6)**	**57**	**(5.4)**	**3**	**(0.3)**	**1,060**	**(100.0)**

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio vascular		Endocrine / metabolic		Gastro intestinal		Infection		Multisystem		Musculo skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2017																												
A	0	(0.0)	1	(1.7)	3	(5.2)	2	(3.4)	2	(3.4)	1	(1.7)	2	(3.4)	10	(17.2)	9	(15.5)	5	(8.6)	18	(31.0)	0	(0.0)	5	(8.6)	0	(0.0)	**58**	**(4.5)**
C	1	(16.7)	0	(0.0)	3	(50.0)	1	(16.7)	0	(0.0)	1	(16.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	**6**	**(0.5)**
D	0	(0.0)	0	(0.0)	0	(0.0)	2	(18.2)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	9	(81.8)	0	(0.0)	0	(0.0)	0	(0.0)	**11**	**(0.8)**
E1	2	(1.0)	11	(5.6)	22	(11.3)	9	(4.6)	31	(15.9)	4	(2.1)	0	(0.0)	7	(3.6)	53	(27.2)	11	(5.6)	27	(13.8)	0	(0.0)	18	(9.2)	0	(0.0)	**195**	**(15.0)**
E2	0	(0.0)	1	(1.4)	49	(70.0)	0	(0.0)	0	(0.0)	1	(1.4)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	19	(27.1)	0	(0.0)	0	(0.0)	0	(0.0)	**70**	**(5.4)**
F	0	(0.0)	0	(0.0)	33	(47.1)	3	(4.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(1.4)	1	(1.4)	27	(38.6)	0	(0.0)	5	(7.1)	0	(0.0)	**70**	**(5.4)**
H	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	7	(17.1)	2	(4.9)	3	(7.3)	1	(2.4)	15	(36.6)	0	(0.0)	11	(26.8)	0	(0.0)	2	(4.9)	0	(0.0)	**41**	**(3.2)**
I	1	(6.7)	0	(0.0)	3	(20.0)	0	(0.0)	0	(0.0)	3	(20.0)	0	(0.0)	1	(6.7)	4	(26.7)	0	(0.0)	3	(20.0)	0	(0.0)	0	(0.0)	0	(0.0)	**15**	**(1.2)**
K2	0	(0.0)	0	(0.0)	40	(93.0)	1	(2.3)	0	(0.0)	0	(0.0)	0	(0.0)	1	(2.3)	0	(0.0)	0	(0.0)	1	(2.3)	0	(0.0)	0	(0.0)	0	(0.0)	**43**	**(3.3)**
K3	1	(3.2)	5	(16.1)	4	(12.9)	0	(0.0)	6	(19.4)	1	(3.2)	1	(3.2)	0	(0.0)	1	(3.2)	1	(3.2)	10	(32.3)	0	(0.0)	1	(3.2)	0	(0.0)	**31**	**(2.4)**
L	0	(0.0)	1	(16.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(33.3)	0	(0.0)	0	(0.0)	3	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	**6**	**(0.5)**
M	1	(3.2)	0	(0.0)	3	(9.7)	0	(0.0)	1	(3.2)	1	(3.2)	1	(3.2)	9	(29.0)	2	(6.5)	1	(3.2)	7	(22.6)	1	(3.2)	4	(12.9)	0	(0.0)	**31**	**(2.4)**
N	0	(0.0)	2	(15.4)	0	(0.0)	0	(0.0)	1	(7.7)	1	(7.7)	0	(0.0)	1	(7.7)	2	(15.4)	0	(0.0)	6	(46.2)	0	(0.0)	0	(0.0)	0	(0.0)	**13**	**(1.0)**
O	0	(0.0)	0	(0.0)	23	(76.7)	0	(0.0)	0	(0.0)	1	(3.3)	0	(0.0)	0	(0.0)	1	(3.3)	0	(0.0)	5	(16.7)	0	(0.0)	0	(0.0)	0	(0.0)	**30**	**(2.3)**
P	1	(4.3)	4	(17.4)	9	(39.1)	0	(0.0)	2	(8.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	5	(21.7)	0	(0.0)	2	(8.7)	0	(0.0)	**23**	**(1.8)**
Q	1	(4.5)	3	(13.6)	0	(0.0)	1	(4.5)	0	(0.0)	0	(0.0)	0	(0.0)	2	(9.1)	3	(13.6)	0	(0.0)	11	(50.0)	0	(0.0)	1	(4.5)	0	(0.0)	**22**	**(1.7)**
R	0	(0.0)	0	(0.0)	10	(40.0)	0	(0.0)	1	(4.0)	1	(4.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	10	(40.0)	0	(0.0)	3	(12.0)	0	(0.0)	**25**	**(1.9)**
S	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(9.1)	0	(0.0)	2	(18.2)	1	(9.1)	0	(0.0)	3	(27.3)	1	(9.1)	3	(27.3)	0	(0.0)	**11**	**(0.8)**
T	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(18.2)	2	(18.2)	7	(63.6)	0	(0.0)	0	(0.0)	0	(0.0)	**11**	**(0.8)**
U	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)	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)	0	(0.0)	**2**	**(0.2)**
V	5	(9.1)	7	(12.7)	16	(29.1)	0	(0.0)	4	(7.3)	1	(1.8)	0	(0.0)	1	(1.8)	4	(7.3)	3	(5.5)	9	(16.4)	0	(0.0)	5	(9.1)	0	(0.0)	**55**	**(4.2)**
W	0	(0.0)	0	(0.0)	3	(37.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(12.5)	1	(12.5)	0	(0.0)	3	(37.5)	0	(0.0)	0	(0.0)	0	(0.0)	**8**	**(0.6)**
X1	1	(1.3)	0	(0.0)	66	(83.5)	0	(0.0)	0	(0.0)	4	(5.1)	1	(1.3)	0	(0.0)	1	(1.3)	0	(0.0)	5	(6.3)	0	(0.0)	1	(1.3)	0	(0.0)	**79**	**(6.1)**
X2	1	(3.3)	1	(3.3)	7	(23.3)	0	(0.0)	2	(6.7)	1	(3.3)	1	(3.3)	0	(0.0)	1	(3.3)	0	(0.0)	11	(36.7)	1	(3.3)	4	(13.3)	0	(0.0)	**30**	**(2.3)**
Y	0	(0.0)	2	(10.5)	1	(5.3)	1	(5.3)	1	(5.3)	1	(5.3)	0	(0.0)	2	(10.5)	5	(26.3)	0	(0.0)	5	(26.3)	0	(0.0)	1	(5.3)	0	(0.0)	**19**	**(1.5)**
Z	1	(20.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(20.0)	0	(0.0)	2	(40.0)	0	(0.0)	1	(20.0)	0	(0.0)	**5**	**(0.4)**
ZA	2	(5.1)	0	(0.0)	12	(30.8)	0	(0.0)	1	(2.6)	1	(2.6)	0	(0.0)	0	(0.0)	0	(0.0)	1	(2.6)	17	(43.6)	2	(5.1)	3	(7.7)	0	(0.0)	**39**	**(3.0)**
ZB	0	(0.0)	2	(11.1)	7	(38.9)	1	(5.6)	1	(5.6)	0	(0.0)	0	(0.0)	1	(5.6)	1	(5.6)	1	(5.6)	3	(16.7)	0	(0.0)	1	(5.6)	0	(0.0)	**18**	**(1.4)**
ZC	1	(1.9)	1	(1.9)	24	(45.3)	0	(0.0)	3	(5.7)	1	(1.9)	1	(1.9)	3	(5.7)	4	(7.5)	1	(1.9)	8	(15.1)	2	(3.8)	4	(7.5)	0	(0.0)	**53**	**(4.1)**
ZD	0	(0.0)	1	(14.3)	1	(14.3)	1	(14.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(42.9)	0	(0.0)	1	(14.3)	0	(0.0)	0	(0.0)	0	(0.0)	**7**	**(0.5)**
ZE	6	(2.3)	0	(0.0)	23	(8.6)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	(1.5)	0	(0.0)	230	(86.5)	3	(1.1)	0	(0.0)	0	(0.0)	0	(0.0)	**266**	**(20.5)**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(14.3)	0	(0.0)	0	(0.0)	0	(0.0)	3	(42.9)	1	(14.3)	2	(28.6)	0	(0.0)	0	(0.0)	0	(0.0)	**7**	**(0.5)**
Total	**25**	**(1.9)**	**42**	**(3.2)**	**362**	**(27.8)**	**23**	**(1.8)**	**64**	**(4.9)**	**27**	**(2.1)**	**10**	**(0.8)**	**49**	**(3.8)**	**118**	**(9.1)**	**258**	**(19.8)**	**251**	**(19.3)**	**7**	**(0.5)**	**64**	**(4.9)**	**0**	**(0.0)**	**1,300**	**(100.0)**

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio vascular		Endocrine / metabolic		Gastro intestinal		Infection		Multisystem		Musculo skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018																												
A	0	(0.0)	3	(6.3)	0	(0.0)	1	(2.1)	1	(2.1)	0	(0.0)	0	(0.0)	9	(18.8)	6	(12.5)	3	(6.3)	24	(50.0)	0	(0.0)	1	(2.1)	0	(0.0)	**48**	**(4.1)**
C	0	(0.0)	1	(25.0)	1	(25.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(25.0)	0	(0.0)	0	(0.0)	1	(25.0)	0	(0.0)	**4**	**(0.3)**
D	0	(0.0)	0	(0.0)	0	(0.0)	2	(15.4)	0	(0.0)	1	(7.7)	0	(0.0)	2	(15.4)	0	(0.0)	1	(7.7)	6	(46.2)	1	(7.7)	0	(0.0)	0	(0.0)	**13**	**(1.1)**
E1	5	(2.7)	15	(8.1)	24	(12.9)	8	(4.3)	16	(8.6)	2	(1.1)	0	(0.0)	7	(3.8)	41	(22.0)	4	(2.2)	44	(23.7)	0	(0.0)	20	(10.8)	0	(0.0)	**186**	**(15.9)**
E2	0	(0.0)	0	(0.0)	36	(66.7)	0	(0.0)	1	(1.9)	0	(0.0)	0	(0.0)	0	(0.0)	1	(1.9)	1	(1.9)	14	(25.9)	0	(0.0)	0	(0.0)	1	(1.9)	**54**	**(4.6)**
F	1	(1.7)	0	(0.0)	29	(48.3)	1	(1.7)	2	(3.3)	0	(0.0)	0	(0.0)	0	(0.0)	5	(8.3)	0	(0.0)	20	(33.3)	0	(0.0)	1	(1.7)	1	(1.7)	**60**	**(5.1)**
H	1	(1.6)	0	(0.0)	0	(0.0)	2	(3.2)	15	(24.2)	3	(4.8)	0	(0.0)	0	(0.0)	11	(17.7)	1	(1.6)	26	(41.9)	0	(0.0)	2	(3.2)	1	(1.6)	**62**	**(5.3)**
I	0	(0.0)	0	(0.0)	4	(40.0)	0	(0.0)	0	(0.0)	1	(10.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	5	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	**10**	**(0.9)**
K2	0	(0.0)	0	(0.0)	42	(87.5)	0	(0.0)	0	(0.0)	2	(4.2)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	(8.3)	0	(0.0)	0	(0.0)	0	(0.0)	**48**	**(4.1)**
K3	1	(3.8)	6	(23.1)	1	(3.8)	1	(3.8)	5	(19.2)	1	(3.8)	0	(0.0)	0	(0.0)	1	(3.8)	0	(0.0)	9	(34.6)	0	(0.0)	1	(3.8)	0	(0.0)	**26**	**(2.2)**
L	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(14.3)	5	(71.4)	0	(0.0)	0	(0.0)	0	(0.0)	1	(14.3)	0	(0.0)	**7**	**(0.6)**
M	1	(2.4)	3	(7.3)	5	(12.2)	0	(0.0)	2	(4.9)	6	(14.6)	1	(2.4)	6	(14.6)	2	(4.9)	0	(0.0)	13	(31.7)	0	(0.0)	2	(4.9)	0	(0.0)	**41**	**(3.5)**
N	1	(6.3)	0	(0.0)	4	(25.0)	1	(6.3)	0	(0.0)	2	(12.5)	0	(0.0)	1	(6.3)	1	(6.3)	1	(6.3)	4	(25.0)	0	(0.0)	1	(6.3)	0	(0.0)	**16**	**(1.4)**
O	0	(0.0)	0	(0.0)	19	(76.0)	0	(0.0)	1	(4.0)	0	(0.0)	0	(0.0)	1	(4.0)	0	(0.0)	0	(0.0)	4	(16.0)	0	(0.0)	0	(0.0)	0	(0.0)	**25**	**(2.1)**
P	0	(0.0)	1	(3.4)	14	(48.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(6.9)	0	(0.0)	10	(34.5)	0	(0.0)	2	(6.9)	0	(0.0)	**29**	**(2.5)**
Q	0	(0.0)	2	(10.0)	1	(5.0)	0	(0.0)	2	(10.0)	0	(0.0)	0	(0.0)	2	(10.0)	3	(15.0)	0	(0.0)	8	(40.0)	1	(5.0)	1	(5.0)	0	(0.0)	**20**	**(1.7)**
R	0	(0.0)	0	(0.0)	12	(50.0)	0	(0.0)	1	(4.2)	0	(0.0)	0	(0.0)	0	(0.0)	2	(8.3)	1	(4.2)	6	(25.0)	0	(0.0)	2	(8.3)	0	(0.0)	**24**	**(2.1)**
S	0	(0.0)	0	(0.0)	1	(6.7)	0	(0.0)	0	(0.0)	1	(6.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	9	(60.0)	0	(0.0)	4	(26.7)	0	(0.0)	**15**	**(1.3)**
T	0	(0.0)	0	(0.0)	1	(5.6)	0	(0.0)	3	(16.7)	1	(5.6)	0	(0.0)	0	(0.0)	2	(11.1)	3	(16.7)	8	(44.4)	0	(0.0)	0	(0.0)	0	(0.0)	**18**	**(1.5)**
U	0	(0.0)	0	(0.0)	2	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(25.0)	0	(0.0)	1	(25.0)	0	(0.0)	0	(0.0)	0	(0.0)	**4**	**(0.3)**
V	3	(5.4)	2	(3.6)	22	(39.3)	1	(1.8)	7	(12.5)	2	(3.6)	1	(1.8)	1	(1.8)	4	(7.1)	1	(1.8)	8	(14.3)	0	(0.0)	4	(7.1)	0	(0.0)	**56**	**(4.8)**
W	0	(0.0)	0	(0.0)	6	(85.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(14.3)	0	(0.0)	0	(0.0)	0	(0.0)	**7**	**(0.6)**
X1	0	(0.0)	2	(3.3)	52	(85.2)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	6	(9.8)	0	(0.0)	1	(1.6)	0	(0.0)	**61**	**(5.2)**
X2	0	(0.0)	0	(0.0)	4	(14.3)	1	(3.6)	2	(7.1)	3	(10.7)	1	(3.6)	1	(3.6)	0	(0.0)	0	(0.0)	15	(53.6)	0	(0.0)	1	(3.6)	0	(0.0)	**28**	**(2.4)**
Y	1	(7.7)	4	(30.8)	0	(0.0)	0	(0.0)	0	(0.0)	1	(7.7)	0	(0.0)	2	(15.4)	2	(15.4)	0	(0.0)	2	(15.4)	0	(0.0)	1	(7.7)	0	(0.0)	**13**	**(1.1)**
Z	1	(12.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(37.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	**8**	**(0.7)**
ZA	0	(0.0)	0	(0.0)	9	(17.0)	0	(0.0)	3	(5.7)	4	(7.5)	0	(0.0)	1	(1.9)	5	(9.4)	3	(5.7)	24	(45.3)	3	(5.7)	1	(1.9)	0	(0.0)	**53**	**(4.5)**
ZB	0	(0.0)	2	(13.3)	5	(33.3)	1	(6.7)	2	(13.3)	0	(0.0)	0	(0.0)	0	(0.0)	1	(6.7)	0	(0.0)	2	(13.3)	0	(0.0)	2	(13.3)	0	(0.0)	**15**	**(1.3)**
ZC	12	(19.4)	3	(4.8)	28	(45.2)	0	(0.0)	1	(1.6)	0	(0.0)	1	(1.6)	0	(0.0)	5	(8.1)	1	(1.6)	10	(16.1)	0	(0.0)	1	(1.6)	0	(0.0)	**62**	**(5.3)**
ZD	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(10.0)	6	(60.0)	0	(0.0)	2	(20.0)	0	(0.0)	1	(10.0)	0	(0.0)	**10**	**(0.9)**
ZE	0	(0.0)	0	(0.0)	20	(15.4)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.8)	0	(0.0)	106	(81.5)	0	(0.0)	2	(1.5)	1	(0.8)	0	(0.0)	**130**	**(11.1)**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	3	(20.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	6	(40.0)	0	(0.0)	4	(26.7)	1	(6.7)	1	(6.7)	0	(0.0)	**15**	**(1.3)**
Total	**27**	**(2.3)**	**44**	**(3.8)**	**342**	**(29.3)**	**22**	**(1.9)**	**64**	**(5.5)**	**33**	**(2.8)**	**4**	**(0.3)**	**36**	**(3.1)**	**112**	**(9.6)**	**127**	**(10.9)**	**293**	**(25.1)**	**8**	**(0.7)**	**53**	**(4.5)**	**3**	**(0.3)**	**1,168**	**(100.0)**
Grand Total	**64**	**(1.8)**	**129**	**(3.7)**	**1,073**	**(30.4)**	**75**	**(2.1)**	**196**	**(5.6)**	**83**	**(2.4)**	**26**	**(0.7)**	**124**	**(3.5)**	**330**	**(9.4)**	**435**	**(12.3)**	**792**	**(22.4)**	**21**	**(0.6)**	**174**	**(4.9)**	**6**	**(0.2)**	**3,528**	**(100.0)**

Notes

1) Children with unknown age are included in this table and hence totals may differ from Table 12

2) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

3) 'Other' includes a mixture of diagnoses but also some coding where a non-diagnostic Read code was given e.g. 'Post-surgical wound care', this practice varies by organisation.

TABLE 22 ADMISSIONS BY PRIMARY DIAGNOSTIC GROUP (UNPLANNED - OTHER), BY HEALTH ORGANISATION, 2016 - 2018

Table 22 presents the number of children (<16 years) admitted to PICU, for each year of the reporting period, by diagnostic group and organisation, for patients with an "unplanned - other" admission type.

Rows in this table show the number of admissions to PICU with a primary diagnosis in each of the diagnostic groups, to each organisation, in each year where the admissions was "unplanned - other". In the 'Total' column, the total number of admissions which were unplanned and not following surgery, to each organisation in each year is given.

The percentages in the white columns show row percentages, i.e. what proportion of "unplanned - other" admissions, to a given organisation in a given year, were in each diagnostic group. The percentages in the 'Total' column show column percentages, i.e. what proportion of "unplanned - other" admissions were to a given organisation in a given year.

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio vascular		Endocrine / metabolic		Gastro intestinal		Infection		Multisystem		Musculo skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																												
A	10	(2.7)	2	(0.5)	15	(4.0)	18	(4.8)	16	(4.3)	21	(5.6)	1	(0.3)	2	(0.5)	77	(20.5)	23	(6.1)	161	(42.9)	15	(4.0)	14	(3.7)	0	(0.0)	**375**	**(3.3)**
C	3	(0.9)	3	(0.9)	18	(5.2)	13	(3.7)	6	(1.7)	21	(6.1)	0	(0.0)	3	(0.9)	79	(22.8)	8	(2.3)	173	(49.9)	9	(2.6)	10	(2.9)	1	(0.3)	**347**	**(3.1)**
D	1	(0.2)	2	(0.4)	35	(6.7)	35	(6.7)	6	(1.2)	58	(11.2)	1	(0.2)	1	(0.2)	86	(16.6)	3	(0.6)	258	(49.7)	16	(3.1)	14	(2.7)	3	(0.6)	**519**	**(4.6)**
E1	7	(1.3)	8	(1.4)	34	(6.1)	29	(5.2)	70	(12.5)	29	(5.2)	1	(0.2)	3	(0.5)	110	(19.6)	11	(2.0)	217	(38.8)	9	(1.6)	32	(5.7)	0	(0.0)	**560**	**(4.9)**
E2	0	(0.0)	3	(1.6)	103	(54.8)	11	(5.9)	1	(0.5)	6	(3.2)	0	(0.0)	1	(0.5)	2	(1.1)	0	(0.0)	57	(30.3)	0	(0.0)	4	(2.1)	0	(0.0)	**188**	**(1.7)**
F	2	(0.3)	5	(0.8)	91	(14.4)	19	(3.0)	12	(1.9)	83	(13.1)	0	(0.0)	4	(0.6)	64	(10.1)	0	(0.0)	324	(51.1)	4	(0.6)	20	(3.2)	6	(0.9)	**634**	**(5.6)**
H	13	(3.6)	2	(0.6)	8	(2.2)	18	(5.0)	33	(9.2)	20	(5.6)	0	(0.0)	0	(0.0)	79	(22.0)	12	(3.3)	148	(41.2)	22	(6.1)	4	(1.1)	0	(0.0)	**359**	**(3.2)**
I	6	(1.9)	4	(1.2)	29	(9.0)	6	(1.9)	12	(3.7)	39	(12.1)	0	(0.0)	2	(0.6)	53	(16.5)	1	(0.3)	147	(45.7)	13	(4.0)	10	(3.1)	0	(0.0)	**322**	**(2.8)**
K2	1	(1.2)	3	(3.6)	54	(65.1)	2	(2.4)	1	(1.2)	4	(4.8)	0	(0.0)	0	(0.0)	2	(2.4)	0	(0.0)	15	(18.1)	0	(0.0)	0	(0.0)	1	(1.2)	**83**	**(0.7)**
K3	5	(1.3)	5	(1.3)	11	(2.9)	17	(4.5)	13	(3.4)	40	(10.6)	0	(0.0)	1	(0.3)	52	(13.8)	2	(0.5)	206	(54.6)	15	(4.0)	10	(2.7)	0	(0.0)	**377**	**(3.3)**
L	2	(0.9)	0	(0.0)	5	(2.2)	13	(5.6)	5	(2.2)	20	(8.6)	0	(0.0)	0	(0.0)	39	(16.8)	1	(0.4)	139	(59.9)	0	(0.0)	8	(3.4)	0	(0.0)	**232**	**(2.0)**
M	6	(1.5)	0	(0.0)	11	(2.7)	15	(3.7)	17	(4.2)	56	(13.8)	1	(0.2)	2	(0.5)	62	(15.2)	6	(1.5)	191	(46.9)	11	(2.7)	23	(5.7)	6	(1.5)	**407**	**(3.6)**
N	5	(1.1)	3	(0.6)	20	(4.3)	12	(2.6)	18	(3.9)	42	(9.0)	1	(0.2)	2	(0.4)	58	(12.4)	10	(2.1)	247	(53.0)	15	(3.2)	33	(7.1)	0	(0.0)	**466**	**(4.1)**
O	0	(0.0)	0	(0.0)	193	(83.2)	0	(0.0)	0	(0.0)	4	(1.7)	0	(0.0)	1	(0.4)	0	(0.0)	0	(0.0)	33	(14.2)	0	(0.0)	1	(0.4)	0	(0.0)	**232**	**(2.0)**
P	0	(0.0)	17	(3.4)	89	(17.7)	11	(2.2)	40	(7.9)	26	(5.2)	0	(0.0)	1	(0.2)	54	(10.7)	3	(0.6)	222	(44.0)	20	(4.0)	21	(4.2)	0	(0.0)	**504**	**(4.4)**
Q	5	(1.1)	2	(0.4)	20	(4.4)	26	(5.8)	10	(2.2)	25	(5.5)	0	(0.0)	1	(0.2)	70	(15.5)	3	(0.7)	261	(57.7)	9	(2.0)	18	(4.0)	2	(0.4)	**452**	**(4.0)**
R	2	(0.4)	2	(0.4)	90	(17.5)	14	(2.7)	42	(8.2)	43	(8.4)	0	(0.0)	0	(0.0)	74	(14.4)	6	(1.2)	204	(39.8)	10	(1.9)	23	(4.5)	3	(0.6)	**513**	**(4.5)**
S	0	(0.0)	0	(0.0)	6	(4.3)	11	(8.0)	1	(0.7)	10	(7.2)	0	(0.0)	0	(0.0)	9	(6.5)	0	(0.0)	91	(65.9)	5	(3.6)	5	(3.6)	0	(0.0)	**138**	**(1.2)**
T	12	(3.0)	1	(0.3)	6	(1.5)	15	(3.8)	11	(2.8)	48	(12.0)	0	(0.0)	1	(0.3)	83	(20.8)	18	(4.5)	180	(45.1)	12	(3.0)	11	(2.8)	1	(0.3)	**399**	**(3.5)**
U	6	(2.1)	0	(0.0)	18	(6.3)	11	(3.8)	3	(1.0)	31	(10.8)	0	(0.0)	0	(0.0)	62	(21.5)	0	(0.0)	136	(47.2)	10	(3.5)	11	(3.8)	0	(0.0)	**288**	**(2.5)**
V	10	(1.2)	15	(1.8)	152	(18.3)	40	(4.8)	105	(12.7)	57	(6.9)	2	(0.2)	12	(1.4)	106	(12.8)	25	(3.0)	226	(27.3)	19	(2.3)	60	(7.2)	0	(0.0)	**829**	**(7.3)**
W	6	(1.7)	1	(0.3)	78	(21.6)	15	(4.2)	5	(1.4)	23	(6.4)	0	(0.0)	1	(0.3)	59	(16.3)	5	(1.4)	141	(39.1)	11	(3.0)	10	(2.8)	6	(1.7)	**361**	**(3.2)**
X1	1	(0.8)	10	(7.5)	74	(55.6)	2	(1.5)	0	(0.0)	9	(6.8)	2	(1.5)	0	(0.0)	2	(1.5)	1	(0.8)	30	(22.6)	1	(0.8)	1	(0.8)	0	(0.0)	**133**	**(1.2)**
X2	1	(0.3)	2	(0.7)	8	(2.7)	20	(6.8)	11	(3.7)	34	(11.5)	2	(0.7)	0	(0.0)	44	(14.9)	0	(0.0)	155	(52.5)	3	(1.0)	15	(5.1)	0	(0.0)	**295**	**(2.6)**
Y	5	(1.5)	3	(0.9)	12	(3.6)	8	(2.4)	5	(1.5)	51	(15.4)	2	(0.6)	0	(0.0)	44	(13.3)	3	(0.9)	173	(52.3)	12	(3.6)	13	(3.9)	0	(0.0)	**331**	**(2.9)**
Z	8	(2.5)	1	(0.3)	9	(2.8)	8	(2.5)	9	(2.8)	25	(7.9)	0	(0.0)	0	(0.0)	58	(18.4)	0	(0.0)	175	(55.4)	18	(5.7)	5	(1.6)	0	(0.0)	**316**	**(2.8)**
ZA	2	(0.5)	2	(0.5)	43	(9.8)	25	(5.7)	5	(1.1)	33	(7.5)	0	(0.0)	0	(0.0)	60	(13.6)	5	(1.1)	225	(51.0)	16	(3.6)	23	(5.2)	2	(0.5)	**441**	**(3.9)**
ZB	0	(0.0)	4	(1.1)	24	(6.7)	33	(9.2)	8	(2.2)	23	(6.4)	1	(0.3)	1	(0.3)	53	(14.8)	1	(0.3)	187	(52.1)	9	(2.5)	15	(4.2)	0	(0.0)	**359**	**(3.2)**
ZC	6	(1.0)	22	(3.7)	157	(26.7)	28	(4.8)	39	(6.6)	56	(9.5)	1	(0.2)	0	(0.0)	49	(8.3)	4	(0.7)	201	(34.1)	9	(1.5)	16	(2.7)	1	(0.2)	**589**	**(5.2)**
ZD	2	(0.8)	13	(5.2)	4	(1.6)	11	(4.4)	14	(5.6)	23	(9.2)	2	(0.8)	0	(0.0)	52	(20.8)	1	(0.4)	115	(46.0)	6	(2.4)	7	(2.8)	0	(0.0)	**250**	**(2.2)**
ZE	1	(5.3)	0	(0.0)	12	(63.2)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(5.3)	0	(0.0)	3	(15.8)	2	(10.5)	0	(0.0)	0	(0.0)	0	(0.0)	**19**	**(0.2)**
ZF	1	(6.7)	0	(0.0)	0	(0.0)	2	(13.3)	0	(0.0)	0	(0.0)	0	(0.0)	1	(6.7)	1	(6.7)	0	(0.0)	8	(53.3)	0	(0.0)	2	(13.3)	0	(0.0)	**15**	**(0.1)**
Total	**129**	**(1.1)**	**135**	**(1.2)**	**1,429**	**(12.6)**	**488**	**(4.3)**	**518**	**(4.6)**	**960**	**(8.5)**	**17**	**(0.2)**	**41**	**(0.4)**	**1,643**	**(14.5)**	**155**	**(1.4)**	**5,048**	**(44.5)**	**299**	**(2.6)**	**439**	**(3.9)**	**32**	**(0.3)**	**11,333**	**(100.0)**

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio vascular		Endocrine / metabolic		Gastro intestinal		Infection		Multisystem		Musculo skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2017																												
A	8	(2.3)	1	(0.3)	15	(4.2)	17	(4.8)	21	(5.9)	30	(8.5)	4	(1.1)	2	(0.6)	73	(20.6)	21	(5.9)	131	(37.0)	14	(4.0)	16	(4.5)	1	(0.3)	**354**	**(3.3)**
C	3	(1.0)	1	(0.3)	31	(9.8)	21	(6.7)	2	(0.6)	17	(5.4)	0	(0.0)	1	(0.3)	41	(13.0)	4	(1.3)	172	(54.6)	9	(2.9)	13	(4.1)	0	(0.0)	**315**	**(2.9)**
D	4	(0.9)	2	(0.5)	27	(6.3)	34	(8.0)	6	(1.4)	43	(10.1)	0	(0.0)	1	(0.2)	65	(15.2)	6	(1.4)	218	(51.1)	6	(1.4)	15	(3.5)	0	(0.0)	**427**	**(4.0)**
E1	5	(1.0)	13	(2.6)	39	(7.7)	22	(4.3)	71	(14.0)	27	(5.3)	1	(0.2)	1	(0.2)	100	(19.7)	11	(2.2)	183	(36.0)	6	(1.2)	29	(5.7)	0	(0.0)	**508**	**(4.7)**
E2	0	(0.0)	2	(1.3)	98	(62.0)	3	(1.9)	0	(0.0)	6	(3.8)	0	(0.0)	0	(0.0)	3	(1.9)	0	(0.0)	46	(29.1)	0	(0.0)	0	(0.0)	0	(0.0)	**158**	**(1.5)**
F	0	(0.0)	3	(0.6)	100	(18.3)	20	(3.7)	5	(0.9)	54	(9.9)	0	(0.0)	4	(0.7)	57	(10.5)	1	(0.2)	263	(48.3)	9	(1.7)	25	(4.6)	4	(0.7)	**545**	**(5.1)**
H	12	(4.2)	0	(0.0)	4	(1.4)	15	(5.3)	25	(8.8)	17	(6.0)	0	(0.0)	1	(0.4)	60	(21.2)	5	(1.8)	116	(41.0)	8	(2.8)	18	(6.4)	2	(0.7)	**283**	**(2.6)**
I	2	(0.7)	2	(0.7)	39	(14.6)	15	(5.6)	11	(4.1)	33	(12.3)	1	(0.4)	2	(0.7)	47	(17.5)	2	(0.7)	96	(35.8)	10	(3.7)	6	(2.2)	2	(0.7)	**268**	**(2.5)**
K2	1	(1.4)	0	(0.0)	52	(75.4)	0	(0.0)	0	(0.0)	2	(2.9)	0	(0.0)	0	(0.0)	2	(2.9)	0	(0.0)	11	(15.9)	0	(0.0)	1	(1.4)	0	(0.0)	**69**	**(0.6)**
K3	5	(1.3)	9	(2.3)	11	(2.8)	21	(5.3)	12	(3.1)	31	(7.9)	0	(0.0)	1	(0.3)	93	(23.7)	3	(0.8)	173	(44.0)	14	(3.6)	20	(5.1)	0	(0.0)	**393**	**(3.7)**
L	0	(0.0)	0	(0.0)	16	(6.6)	7	(2.9)	1	(0.4)	20	(8.3)	0	(0.0)	0	(0.0)	39	(16.1)	0	(0.0)	148	(61.2)	3	(1.2)	8	(3.3)	0	(0.0)	**242**	**(2.3)**
M	8	(1.9)	2	(0.5)	19	(4.6)	23	(5.6)	7	(1.7)	33	(8.0)	0	(0.0)	2	(0.5)	78	(18.9)	10	(2.4)	191	(46.2)	17	(4.1)	21	(5.1)	2	(0.5)	**413**	**(3.9)**
N	7	(1.9)	1	(0.3)	21	(5.6)	12	(3.2)	17	(4.5)	26	(6.9)	0	(0.0)	2	(0.5)	84	(22.2)	9	(2.4)	161	(42.6)	17	(4.5)	20	(5.3)	1	(0.3)	**378**	**(3.5)**
O	0	(0.0)	0	(0.0)	222	(81.0)	1	(0.4)	7	(2.6)	1	(0.4)	0	(0.0)	2	(0.7)	3	(1.1)	0	(0.0)	35	(12.8)	0	(0.0)	3	(1.1)	0	(0.0)	**274**	**(2.6)**
P	0	(0.0)	10	(1.9)	122	(23.7)	8	(1.6)	32	(6.2)	30	(5.8)	0	(0.0)	1	(0.2)	65	(12.6)	8	(1.6)	211	(41.1)	11	(2.1)	16	(3.1)	0	(0.0)	**514**	**(4.8)**
Q	4	(0.9)	2	(0.4)	13	(2.9)	31	(6.8)	15	(3.3)	46	(10.1)	0	(0.0)	0	(0.0)	66	(14.5)	5	(1.1)	242	(53.1)	15	(3.3)	16	(3.5)	1	(0.2)	**456**	**(4.3)**
R	4	(0.8)	5	(1.0)	90	(18.3)	10	(2.0)	46	(9.3)	33	(6.7)	0	(0.0)	0	(0.0)	82	(16.7)	8	(1.6)	190	(38.6)	6	(1.2)	18	(3.7)	0	(0.0)	**492**	**(4.6)**
S	1	(0.4)	0	(0.0)	8	(3.4)	22	(9.2)	0	(0.0)	11	(4.6)	0	(0.0)	1	(0.4)	27	(11.3)	0	(0.0)	145	(60.9)	11	(4.6)	12	(5.0)	0	(0.0)	**238**	**(2.2)**
T	3	(0.8)	0	(0.0)	12	(3.0)	12	(3.0)	13	(3.3)	55	(13.8)	0	(0.0)	0	(0.0)	70	(17.5)	36	(9.0)	178	(44.5)	9	(2.3)	11	(2.8)	1	(0.3)	**400**	**(3.7)**
U	5	(1.8)	0	(0.0)	13	(4.6)	8	(2.8)	6	(2.1)	20	(7.0)	0	(0.0)	0	(0.0)	64	(22.5)	0	(0.0)	139	(48.8)	16	(5.6)	13	(4.6)	1	(0.4)	**285**	**(2.7)**
V	15	(2.0)	12	(1.6)	150	(19.9)	33	(4.4)	68	(9.0)	44	(5.8)	6	(0.8)	13	(1.7)	85	(11.3)	31	(4.1)	229	(30.4)	22	(2.9)	45	(6.0)	0	(0.0)	**753**	**(7.0)**
W	9	(2.4)	2	(0.5)	91	(23.9)	9	(2.4)	12	(3.1)	15	(3.9)	1	(0.3)	2	(0.5)	55	(14.4)	7	(1.8)	142	(37.3)	14	(3.7)	18	(4.7)	4	(1.0)	**381**	**(3.6)**
X1	1	(0.9)	5	(4.3)	67	(57.8)	1	(0.9)	0	(0.0)	7	(6.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	29	(25.0)	0	(0.0)	6	(5.2)	0	(0.0)	**116**	**(1.1)**
X2	3	(1.2)	2	(0.8)	11	(4.5)	20	(8.2)	8	(3.3)	21	(8.6)	0	(0.0)	0	(0.0)	41	(16.9)	2	(0.8)	127	(52.3)	4	(1.6)	4	(1.6)	0	(0.0)	**243**	**(2.3)**
Y	5	(1.7)	4	(1.4)	15	(5.1)	10	(3.4)	10	(3.4)	40	(13.6)	1	(0.3)	0	(0.0)	39	(13.2)	2	(0.7)	149	(50.5)	8	(2.7)	12	(4.1)	0	(0.0)	**295**	**(2.8)**
Z	14	(4.2)	0	(0.0)	12	(3.6)	12	(3.6)	5	(1.5)	33	(9.9)	1	(0.3)	2	(0.6)	43	(12.8)	1	(0.3)	179	(53.4)	22	(6.6)	11	(3.3)	0	(0.0)	**335**	**(3.1)**
ZA	2	(0.5)	0	(0.0)	43	(10.7)	18	(4.5)	8	(2.0)	26	(6.5)	1	(0.2)	1	(0.2)	59	(14.6)	1	(0.2)	209	(51.9)	18	(4.5)	17	(4.2)	0	(0.0)	**403**	**(3.8)**
ZB	2	(0.6)	2	(0.6)	20	(6.3)	26	(8.3)	2	(0.6)	28	(8.9)	1	(0.3)	1	(0.3)	57	(18.1)	0	(0.0)	142	(45.1)	23	(7.3)	11	(3.5)	0	(0.0)	**315**	**(2.9)**
ZC	5	(1.0)	15	(2.9)	157	(29.8)	28	(5.3)	27	(5.1)	43	(8.2)	2	(0.4)	2	(0.4)	47	(8.9)	6	(1.1)	173	(32.9)	6	(1.1)	15	(2.9)	0	(0.0)	**526**	**(4.9)**
ZD	4	(1.3)	7	(2.3)	4	(1.3)	19	(6.3)	18	(5.9)	32	(10.5)	0	(0.0)	0	(0.0)	78	(25.7)	2	(0.7)	118	(38.8)	13	(4.3)	9	(3.0)	0	(0.0)	**304**	**(2.8)**
ZE	0	(0.0)	0	(0.0)	5	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(13.3)	4	(26.7)	4	(26.7)	0	(0.0)	0	(0.0)	0	(0.0)	**15**	**(0.1)**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	1	(7.7)	1	(7.7)	3	(23.1)	0	(0.0)	1	(7.7)	0	(0.0)	0	(0.0)	7	(53.8)	0	(0.0)	0	(0.0)	0	(0.0)	**13**	**(0.1)**
Total	**132**	**(1.2)**	**102**	**(1.0)**	**1,527**	**(14.3)**	**479**	**(4.5)**	**456**	**(4.3)**	**827**	**(7.7)**	**19**	**(0.2)**	**43**	**(0.4)**	**1,625**	**(15.2)**	**185**	**(1.7)**	**4,557**	**(42.5)**	**311**	**(2.9)**	**429**	**(4.0)**	**19**	**(0.2)**	**10,711**	**(100.0)**

Year / Organisation	DIAGNOSTIC GROUP																											
	Blood / lymphatic		Body wall and cavities		Cardio vascular		Endocrine / metabolic		Gastro intestinal		Infection		Multisystem		Musculo skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018																												
A	5	(1.7)	2	(0.7)	9	(3.0)	13	(4.3)	9	(3.0)	30	(9.9)	2	(0.7)	2	(0.7)	80	(26.5)	18	(6.0)	107	(35.4)	8	(2.6)	16	(5.3)	1	(0.3)	**302**	**(2.7)**
C	4	(1.3)	0	(0.0)	23	(7.3)	11	(3.5)	8	(2.5)	26	(8.3)	0	(0.0)	0	(0.0)	39	(12.4)	10	(3.2)	185	(58.7)	5	(1.6)	4	(1.3)	0	(0.0)	**315**	**(2.9)**
D	13	(1.9)	4	(0.6)	53	(7.8)	70	(10.2)	11	(1.6)	50	(7.3)	2	(0.3)	4	(0.6)	108	(15.8)	12	(1.8)	302	(44.2)	13	(1.9)	40	(5.9)	1	(0.1)	**683**	**(6.2)**
E1	13	(2.3)	16	(2.8)	44	(7.6)	31	(5.4)	66	(11.4)	26	(4.5)	0	(0.0)	0	(0.0)	111	(19.2)	19	(3.3)	218	(37.8)	8	(1.4)	25	(4.3)	0	(0.0)	**577**	**(5.2)**
E2	1	(0.6)	1	(0.6)	117	(68.0)	3	(1.7)	2	(1.2)	4	(2.3)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	42	(24.4)	0	(0.0)	2	(1.2)	0	(0.0)	**172**	**(1.6)**
F	2	(0.4)	3	(0.5)	89	(15.9)	18	(3.2)	12	(2.1)	63	(11.2)	0	(0.0)	2	(0.4)	70	(12.5)	1	(0.2)	263	(46.9)	6	(1.1)	23	(4.1)	9	(1.6)	**561**	**(5.1)**
H	5	(1.5)	2	(0.6)	11	(3.4)	12	(3.7)	26	(8.0)	41	(12.6)	0	(0.0)	0	(0.0)	61	(18.8)	6	(1.8)	128	(39.4)	15	(4.6)	17	(5.2)	1	(0.3)	**325**	**(2.9)**
I	0	(0.0)	3	(1.1)	53	(19.6)	17	(6.3)	7	(2.6)	51	(18.8)	0	(0.0)	1	(0.4)	42	(15.5)	2	(0.7)	78	(28.8)	10	(3.7)	7	(2.6)	0	(0.0)	**271**	**(2.5)**
K2	0	(0.0)	1	(1.4)	47	(63.5)	3	(4.1)	0	(0.0)	4	(5.4)	0	(0.0)	0	(0.0)	2	(2.7)	1	(1.4)	14	(18.9)	0	(0.0)	2	(2.7)	0	(0.0)	**74**	**(0.7)**
K3	4	(1.0)	7	(1.8)	22	(5.6)	14	(3.6)	14	(3.6)	31	(7.9)	0	(0.0)	1	(0.3)	93	(23.7)	8	(2.0)	168	(42.9)	14	(3.6)	16	(4.1)	0	(0.0)	**392**	**(3.5)**
L	1	(0.4)	0	(0.0)	17	(7.1)	10	(4.2)	2	(0.8)	19	(7.9)	0	(0.0)	5	(2.1)	38	(15.8)	1	(0.4)	138	(57.5)	0	(0.0)	9	(3.8)	0	(0.0)	**240**	**(2.2)**
M	11	(2.7)	0	(0.0)	24	(5.8)	16	(3.9)	14	(3.4)	38	(9.2)	3	(0.7)	3	(0.7)	83	(20.1)	7	(1.7)	175	(42.5)	20	(4.9)	18	(4.4)	0	(0.0)	**412**	**(3.7)**
N	3	(0.7)	2	(0.5)	16	(4.0)	13	(3.2)	4	(1.0)	32	(7.9)	0	(0.0)	2	(0.5)	75	(18.5)	8	(2.0)	206	(50.9)	21	(5.2)	23	(5.7)	0	(0.0)	**405**	**(3.7)**
O	0	(0.0)	1	(0.4)	189	(78.1)	0	(0.0)	3	(1.2)	7	(2.9)	0	(0.0)	1	(0.4)	4	(1.7)	0	(0.0)	31	(12.8)	0	(0.0)	6	(2.5)	0	(0.0)	**242**	**(2.2)**
P	1	(0.2)	17	(3.4)	100	(20.2)	9	(1.8)	46	(9.3)	35	(7.1)	0	(0.0)	1	(0.2)	54	(10.9)	3	(0.6)	201	(40.6)	15	(3.0)	13	(2.6)	0	(0.0)	**495**	**(4.5)**
Q	10	(2.1)	6	(1.3)	33	(7.0)	23	(4.9)	11	(2.3)	46	(9.8)	0	(0.0)	1	(0.2)	80	(17.1)	7	(1.5)	224	(47.8)	6	(1.3)	22	(4.7)	0	(0.0)	**469**	**(4.2)**
R	3	(0.6)	4	(0.8)	74	(14.5)	4	(0.8)	51	(10.0)	51	(10.0)	0	(0.0)	0	(0.0)	75	(14.6)	7	(1.4)	200	(39.1)	15	(2.9)	25	(4.9)	3	(0.6)	**512**	**(4.6)**
S	5	(1.9)	0	(0.0)	12	(4.6)	16	(6.1)	5	(1.9)	23	(8.8)	0	(0.0)	0	(0.0)	28	(10.7)	1	(0.4)	158	(60.5)	5	(1.9)	8	(3.1)	0	(0.0)	**261**	**(2.4)**
T	8	(2.2)	2	(0.5)	8	(2.2)	13	(3.5)	16	(4.3)	47	(12.7)	0	(0.0)	2	(0.5)	64	(17.3)	28	(7.6)	159	(43.0)	9	(2.4)	14	(3.8)	0	(0.0)	**370**	**(3.3)**
U	6	(2.2)	0	(0.0)	11	(4.1)	8	(3.0)	3	(1.1)	31	(11.4)	0	(0.0)	0	(0.0)	44	(16.2)	1	(0.4)	156	(57.6)	6	(2.2)	5	(1.8)	0	(0.0)	**271**	**(2.5)**
V	13	(1.9)	16	(2.3)	167	(24.2)	28	(4.1)	55	(8.0)	45	(6.5)	3	(0.4)	4	(0.6)	97	(14.0)	26	(3.8)	178	(25.8)	15	(2.2)	44	(6.4)	0	(0.0)	**691**	**(6.3)**
W	7	(1.8)	1	(0.3)	86	(22.6)	12	(3.2)	13	(3.4)	24	(6.3)	0	(0.0)	1	(0.3)	69	(18.2)	9	(2.4)	131	(34.5)	9	(2.4)	18	(4.7)	0	(0.0)	**380**	**(3.4)**
X1	0	(0.0)	5	(3.4)	114	(77.6)	0	(0.0)	0	(0.0)	8	(5.4)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	19	(12.9)	0	(0.0)	1	(0.7)	0	(0.0)	**147**	**(1.3)**
X2	5	(1.8)	1	(0.4)	10	(3.5)	25	(8.8)	9	(3.2)	26	(9.1)	0	(0.0)	0	(0.0)	45	(15.8)	0	(0.0)	158	(55.4)	2	(0.7)	4	(1.4)	0	(0.0)	**285**	**(2.6)**
Y	8	(2.6)	3	(1.0)	12	(3.9)	11	(3.6)	11	(3.6)	52	(16.9)	1	(0.3)	1	(0.3)	39	(12.7)	12	(3.9)	135	(44.0)	9	(2.9)	13	(4.2)	0	(0.0)	**307**	**(2.8)**
Z	16	(5.0)	1	(0.3)	17	(5.3)	13	(4.1)	13	(4.1)	28	(8.8)	0	(0.0)	1	(0.3)	45	(14.2)	0	(0.0)	171	(53.8)	8	(2.5)	5	(1.6)	0	(0.0)	**318**	**(2.9)**
ZA	4	(1.0)	2	(0.5)	41	(10.3)	22	(5.5)	3	(0.8)	29	(7.3)	0	(0.0)	0	(0.0)	44	(11.1)	4	(1.0)	230	(57.8)	9	(2.3)	10	(2.5)	0	(0.0)	**398**	**(3.6)**
ZB	5	(1.6)	1	(0.3)	26	(8.4)	30	(9.7)	10	(3.2)	21	(6.8)	0	(0.0)	1	(0.3)	69	(22.4)	1	(0.3)	119	(38.6)	10	(3.2)	14	(4.5)	1	(0.3)	**308**	**(2.8)**
ZC	11	(2.0)	15	(2.8)	101	(18.8)	29	(5.4)	34	(6.3)	78	(14.5)	1	(0.2)	2	(0.4)	40	(7.4)	16	(3.0)	179	(33.3)	7	(1.3)	25	(4.6)	0	(0.0)	**538**	**(4.9)**
ZD	3	(1.0)	6	(2.0)	3	(1.0)	13	(4.4)	19	(6.4)	31	(10.5)	2	(0.7)	0	(0.0)	50	(16.9)	4	(1.4)	140	(47.5)	11	(3.7)	13	(4.4)	0	(0.0)	**295**	**(2.7)**
ZE	0	(0.0)	0	(0.0)	4	(36.4)	0	(0.0)	0	(0.0)	1	(9.1)	0	(0.0)	0	(0.0)	0	(0.0)	1	(9.1)	3	(27.3)	0	(0.0)	2	(18.2)	0	(0.0)	**11**	**(0.1)**
ZF	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(4.5)	2	(9.1)	0	(0.0)	2	(9.1)	4	(18.2)	0	(0.0)	12	(54.5)	0	(0.0)	1	(4.5)	0	(0.0)	**22**	**(0.2)**
Total	**167**	**(1.5)**	**122**	**(1.1)**	**1,533**	**(13.9)**	**487**	**(4.4)**	**478**	**(4.3)**	**1,000**	**(9.1)**	**14**	**(0.1)**	**37**	**(0.3)**	**1,653**	**(15.0)**	**213**	**(1.9)**	**4,628**	**(41.9)**	**256**	**(2.3)**	**445**	**(4.0)**	**16**	**(0.1)**	**11,049**	**(100.0)**
Grand Total	**428**	**(1.3)**	**359**	**(1.1)**	**4,489**	**(13.6)**	**1,454**	**(4.4)**	**1,452**	**(4.4)**	**2,787**	**(8.4)**	**50**	**(0.2)**	**121**	**(0.4)**	**4,921**	**(14.9)**	**553**	**(1.7)**	**14,233**	**(43.0)**	**866**	**(2.6)**	**1,313**	**(4.0)**	**67**	**(0.2)**	**33,093**	**(100.0)**

Notes

1) Children with unknown age are included in this table and hence totals may differ from Table 12

2) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

3) 'Other' includes a mixture of diagnoses but also some coding where a non-diagnostic Read code was given e.g. 'Post-surgical wound care', this practice varies by organisation.

RETRIEVAL & TRANSFER DATA

This report presents data on retrieval and transfer which are collected on the **admission form.**

More detailed information on Referral and Transport events are collected on additional data collection forms; these data are presented in the referral and transport section of this report.

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INDEX TO RETRIEVAL & TRANSFER DATA

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TABLE 26 RETRIEVALS / TRANSFERS BY TEAM TYPE AND AGE, 2016 - 2018

Table 26 presents the number of retrievals/transfers for each year of the reporting period, by transport team type and age group in years.

Rows in this table show the number of retrieval/transfers by each transport team type, for children falling into each age category, in the reporting period. The 'Total' columns shows the number of retrieval/transfers for each transport team type in each year of the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of all retrievals/transfer were in each age category for each transport team type in each year. The percentages in the 'Total' column show column percentages, i.e. what proportion of retrievals/transfers for a specific year were undertaken by each type of transport team.

Transport Team Type	AGE GROUP (YEARS) <1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016										
Centralised transport service (PIC)	2,888	(56.5)	1,221	(23.9)	603	(11.8)	397	(7.8)	**5,109**	**(79.1)**
Non-specialist team	158	(37.4)	111	(26.3)	87	(20.6)	66	(15.6)	**422**	**(6.5)**
Other specialist team	115	(44.9)	54	(21.1)	44	(17.2)	43	(16.8)	**256**	**(4.0)**
PICU	135	(50.6)	74	(27.7)	38	(14.2)	20	(7.5)	**267**	**(4.1)**
Transport team from neonates	338	(99.7)	1	(0.3)	0	(0.0)	0	(0.0)	**339**	**(5.3)**
Unknown	30	(47.6)	9	(14.3)	13	(20.6)	11	(17.5)	**63**	**(1.0)**
Total	**3,664**	**(56.8)**	**1,470**	**(22.8)**	**785**	**(12.2)**	**537**	**(8.3)**	6,456	(100.0)
2017										
Centralised transport service (PIC)	2,631	(55.2)	1,113	(23.3)	584	(12.2)	440	(9.2)	**4,768**	**(78.8)**
Non-specialist team	137	(33.3)	116	(28.2)	81	(19.7)	78	(18.9)	**412**	**(6.8)**
Other specialist team	80	(44.4)	40	(22.2)	27	(15.0)	33	(18.3)	**180**	**(3.0)**
PICU	96	(54.2)	37	(20.9)	23	(13.0)	21	(11.9)	**177**	**(2.9)**
Transport team from neonates	433	(99.3)	0	(0.0)	2	(0.5)	1	(0.2)	**436**	**(7.2)**
Unknown	51	(65.4)	17	(21.8)	6	(7.7)	4	(5.1)	**78**	**(1.3)**
Total	**3,428**	**(56.7)**	**1,323**	**(21.9)**	**723**	**(11.9)**	**577**	**(9.5)**	6,051	(100.0)
2018										
Centralised transport service (PIC)	2,615	(54.3)	1,183	(24.6)	581	(12.1)	439	(9.1)	**4,818**	**(79.5)**
Non-specialist team	119	(31.5)	107	(28.3)	86	(22.8)	66	(17.5)	**378**	**(6.2)**
Other specialist team	66	(47.8)	29	(21.0)	17	(12.3)	26	(18.8)	**138**	**(2.3)**
PICU	34	(61.8)	7	(12.7)	8	(14.5)	6	(10.9)	**55**	**(0.9)**
Transport team from neonates	586	(98.5)	9	(1.5)	0	(0.0)	0	(0.0)	**595**	**(9.8)**
Unknown	41	(56.2)	13	(17.8)	11	(15.1)	8	(11.0)	**73**	**(1.2)**
Total	**3,461**	**(57.1)**	**1,348**	**(22.3)**	**703**	**(11.6)**	**545**	**(9.0)**	6,057	(100.0)
Grand Total	**10,553**	**(56.8)**	**4,141**	**(22.3)**	**2,211**	**(11.9)**	**1,659**	**(8.9)**	18,564	(100.0)

Notes

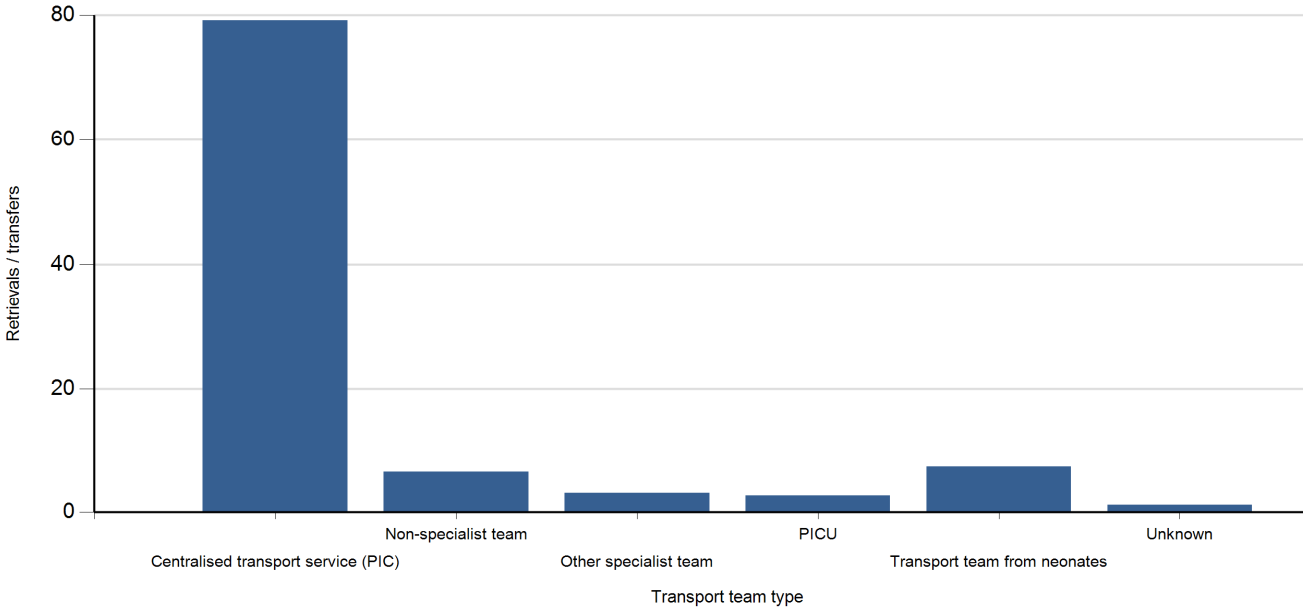
1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) Further information on the definition of each transport team category can be found on the Data Description tab.

3) Based on retrieval and transfer data from the admissions dataset

FIGURE 26 RETRIEVALS / TRANSFERS BY TEAM TYPE, 2016 - 2018

Figure 26 shows the proportion of retrievals/transfers by transport team for the three years of the reporting period combined. The higher the bar, the more retrievals/transfers are represented.



Notes

1) Admissions where the child's age is unknown are excluded from this figure (n=3)

2) Further information on the definition of each transport team category can be found on the Data Description tab.

3) Based on retrieval and transfer data from the admissions dataset

TABLE 27 NON - SPECIALIST TEAM RETRIEVALS / TRANSFERS BY DIAGNOSTIC GROUP AND AGE, 2016 - 2018

Table 27 presents the number of retrievals/transfers by non-specialist teams, by diagnostic group and age group in years, for the three years of the reporting period combined.

Rows in this table show the number of retrieval/transfers by non-specialist teams, for children falling into each age category and diagnostic grouping, in the reporting period. The 'Total' columns shows the number of retrieval/transfers by non-specialist teams, for each diagnostic group, in the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of all retrievals/transfer made by non-specialist transport teams for a given diagnostic group, were for children in each age category. The percentages in the 'Total' column show column percentages, i.e. what proportion of retrievals/transfers undertaken by non-specialist teams were in each diagnostic group.

Diagnostic Group	AGE GROUP (YEARS)									
	<1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
Blood / lymphatic	1	(3.6)	8	(28.6)	12	(42.9)	7	(25.0)	**28**	**(2.3)**
Body wall and cavities	10	(55.6)	6	(33.3)	2	(11.1)	0	(0.0)	**18**	**(1.5)**
Cardiovascular	91	(61.1)	22	(14.8)	9	(6.0)	27	(18.1)	**149**	**(12.3)**
Endocrine / metabolic	16	(26.7)	21	(35.0)	14	(23.3)	9	(15.0)	**60**	**(5.0)**
Gastrointestinal	47	(48.0)	19	(19.4)	19	(19.4)	13	(13.3)	**98**	**(8.1)**
Infection	24	(29.3)	29	(35.4)	18	(22.0)	11	(13.4)	**82**	**(6.8)**
Multisystem	1	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	**1**	**(0.1)**
Musculoskeletal	2	(22.2)	0	(0.0)	3	(33.3)	4	(44.4)	**9**	**(0.7)**
Neurological	79	(26.0)	92	(30.3)	73	(24.0)	60	(19.7)	**304**	**(25.1)**
Oncology	7	(12.7)	17	(30.9)	15	(27.3)	16	(29.1)	**55**	**(4.5)**
Respiratory	108	(43.5)	68	(27.4)	46	(18.5)	26	(10.5)	**248**	**(20.5)**
Trauma	6	(8.0)	27	(36.0)	28	(37.3)	14	(18.7)	**75**	**(6.2)**
Other	22	(26.5)	24	(28.9)	14	(16.9)	23	(27.7)	**83**	**(6.8)**
Unknown	0	(0.0)	1	(50.0)	1	(50.0)	0	(0.0)	**2**	**(0.2)**
Total	**414**	**(34.2)**	**334**	**(27.6)**	**254**	**(21.0)**	**210**	**(17.3)**	**1,212**	**(100.0)**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

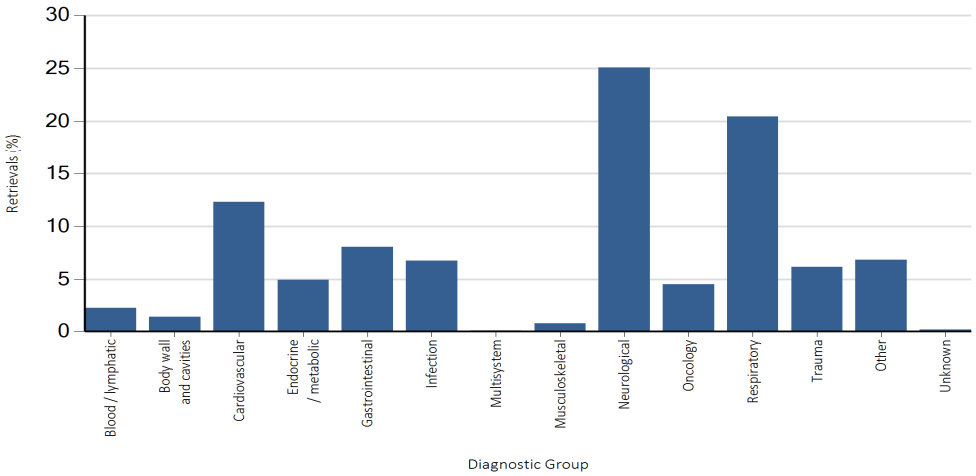
3) Further information on the definition of each transport team category can be found on the Data Description tab.

4) Based on retrieval and transfer data from the admissions dataset

5) 'Other' includes a mixture of diagnoses but also some coding where a non-diagnostic Read code was given e.g. 'Post-surgical wound care', this practice varies by organisation.

FIGURE 27 NON - SPECIALIST TEAM RETRIEVALS / TRANSFERS BY DIAGNOSTIC GROUP, 2016 - 2018

Figure 27 shows the proportion of retrievals/transfers, by non-specialist teams, in each diagnostic group, for the three years of the reporting period combined.



Notes

1) Admissions where the child's age is unknown are excluded from this figure (n=3)

2) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

3) Further information on the definition of each transport team category can be found on the Data Description tab.

4) Based on retrieval and transfer data from the admissions dataset

5) 'Other' includes a mixture of diagnoses but also some coding where a non-diagnostic Read code was given e.g. 'Post-surgical wound care', this practice varies by organisation.

TABLE 27a SPECIALIST TEAM RETRIEVALS / TRANSFERS BY DIAGNOSTIC GROUP AND AGE, 2016 - 2018

Table 27(a) presents the number of retrievals/transfers by specialist teams, by diagnostic group and age group in years, for the three years of the reporting period combined.

Rows in this table show the number of retrieval/transfers by specialist teams, for children falling into each age category and diagnostic grouping, in the reporting period. The 'Total' columns shows the number of retrieval/transfers by specialist teams, for each diagnostic group, in the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of all retrievals/transfer made by specialist transport teams for a given diagnostic group, were for children in each age category. The percentages in the 'Total' column show column percentages, i.e. what proportion of retrievals/transfers undertaken by specialist teams were in each diagnostic group.

Diagnostic Group	AGE GROUP (YEARS)									
	<1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
Blood / lymphatic	33	(24.8)	32	(24.1)	31	(23.3)	37	(27.8)	**133**	**(0.8)**
Body wall and cavities	345	(93.0)	13	(3.5)	8	(2.2)	5	(1.3)	**371**	**(2.2)**
Cardiovascular	2,559	(82.2)	252	(8.1)	142	(4.6)	159	(5.1)	**3,112**	**(18.2)**
Endocrine / metabolic	210	(38.3)	140	(25.5)	97	(17.7)	101	(18.4)	**548**	**(3.2)**
Gastrointestinal	832	(82.0)	68	(6.7)	56	(5.5)	59	(5.8)	**1,015**	**(5.9)**
Infection	741	(52.8)	357	(25.4)	173	(12.3)	133	(9.5)	**1,404**	**(8.2)**
Multisystem	32	(74.4)	10	(23.3)	1	(2.3)	0	(0.0)	**43**	**(0.3)**
Musculoskeletal	46	(51.7)	11	(12.4)	12	(13.5)	20	(22.5)	**89**	**(0.5)**
Neurological	724	(28.2)	989	(38.5)	558	(21.7)	299	(11.6)	**2,570**	**(15.0)**
Oncology	71	(36.6)	46	(23.7)	45	(23.2)	32	(16.5)	**194**	**(1.1)**
Respiratory	4,083	(60.1)	1,633	(24.0)	684	(10.1)	397	(5.8)	**6,797**	**(39.7)**
Trauma	50	(22.7)	77	(35.0)	48	(21.8)	45	(20.5)	**220**	**(1.3)**
Other	272	(44.7)	133	(21.9)	67	(11.0)	136	(22.4)	**608**	**(3.5)**
Unknown	19	(55.9)	7	(20.6)	5	(14.7)	3	(8.8)	**34**	**(0.2)**
Total	**10,017**	**(58.4)**	**3,768**	**(22.0)**	**1,927**	**(11.2)**	**1,426**	**(8.3)**	17,138	(100.0)

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) Specialist teams are defined at CTS, PICU, Transport team from neonates and other specialist teams

3) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

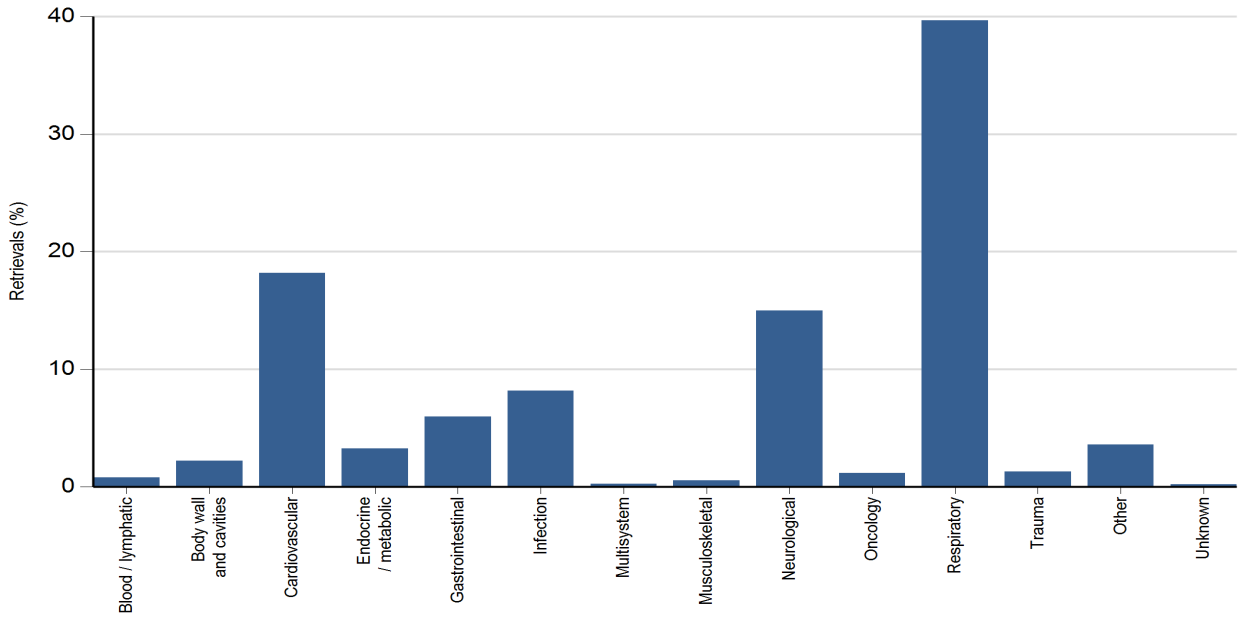
4) Further information on the definition of each transport team category can be found on the Data Description tab.

5) Based on retrieval and transfer data from the admissions dataset

6) 'Other' includes a mixture of diagnoses but also some coding where a non-diagnostic Read code was given e.g. 'Post-surgical wound care', this practice varies by organisation.

FIGURE 27(a) SPECIALIST TEAM RETRIEVALS / TRANSFERS BY DIAGNOSTIC GROUP, 2016 - 2018

Figure 27(a) shows the proportion of retrievals/transfers, by specialist teams, in each diagnostic group, for the three years of the reporting period combined.



Notes

1) Admissions where the child's age is unknown are excluded from this figure (n=3)

2) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

3) Further information on the definition of each transport team category can be found on the Data Description tab.

4) Based on retrieval and transfer data from the admissions dataset

5) 'Other' includes a mixture of diagnoses but also some coding where a non-diagnostic Read code was given e.g. 'Post-surgical wound care', this practice varies by organisation.

TABLE 28 ADMISSIONS BY TRANSPORT TEAM TYPE FOR RETRIEVALS AND TRANSFERS, 2016 - 2018

Table 28 presents the number of admissions, by transport team type and organisation, for each year in the three year reporting period.

Rows in this table show the number of admissions for retrievals/transfers, by transport team type, for organisation, for each year of the reporting period. The 'Total' columns shows the number of admissions for retrieval/transfers for each transport team type, for each organisation, for each year in the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of all admissions for retrievals/transfer, for admissions to each organisation, were for each transport team type. The percentages in the 'Total' column show column percentages, i.e. what proportion of admissions were to each organisation, for each year.

Year / Organisation	TRANSPORT TEAM TYPE													
	PICU		Centralised transport service (PIC)		Transport team from neonates		Other specialist team		Non-specialist team		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016														
A	0	(0.0)	148	(81.3)	2	(1.1)	9	(4.9)	21	(11.5)	2	**(1.1)**	**182**	**(2.8)**
C	0	(0.0)	145	(85.3)	0	(0.0)	15	(8.8)	10	(5.9)	0	**(0.0)**	**170**	**(2.6)**
D	2	(0.8)	236	(92.2)	5	(2.0)	3	(1.2)	10	(3.9)	0	**(0.0)**	**256**	**(4.0)**
E1	9	(1.6)	374	(65.2)	123	(21.4)	9	(1.6)	40	(7.0)	19	**(3.3)**	**574**	**(8.9)**
E2	11	(7.2)	101	(66.4)	11	(7.2)	4	(2.6)	18	(11.8)	7	**(4.6)**	**152**	**(2.4)**
F	1	(0.2)	472	(93.8)	2	(0.4)	12	(2.4)	13	(2.6)	3	**(0.6)**	**503**	**(7.8)**
H	1	(0.5)	110	(58.8)	3	(1.6)	54	(28.9)	19	(10.2)	0	**(0.0)**	**187**	**(2.9)**
I	0	(0.0)	166	(97.6)	0	(0.0)	3	(1.8)	1	(0.6)	0	**(0.0)**	**170**	**(2.6)**
K2	8	(12.5)	34	(53.1)	20	(31.3)	2	(3.1)	0	(0.0)	0	**(0.0)**	**64**	**(1.0)**
K3	3	(1.4)	197	(92.1)	6	(2.8)	4	(1.9)	3	(1.4)	1	**(0.5)**	**214**	**(3.3)**
L	0	(0.0)	174	(99.4)	0	(0.0)	1	(0.6)	0	(0.0)	0	**(0.0)**	**175**	**(2.7)**
M	90	(66.7)	27	(20.0)	0	(0.0)	1	(0.7)	17	(12.6)	0	**(0.0)**	**135**	**(2.1)**
N	7	(3.7)	130	(68.4)	1	(0.5)	0	(0.0)	52	(27.4)	0	**(0.0)**	**190**	**(2.9)**
O	0	(0.0)	222	(97.8)	0	(0.0)	3	(1.3)	2	(0.9)	0	**(0.0)**	**227**	**(3.5)**
P	7	(2.1)	232	(70.9)	49	(15.0)	17	(5.2)	19	(5.8)	3	**(0.9)**	**327**	**(5.1)**
Q	1	(0.5)	194	(95.6)	0	(0.0)	1	(0.5)	5	(2.5)	2	**(1.0)**	**203**	**(3.1)**
R	1	(0.3)	272	(80.0)	46	(13.5)	0	(0.0)	21	(6.2)	0	**(0.0)**	**340**	**(5.3)**
S	14	(60.9)	8	(34.8)	0	(0.0)	1	(4.3)	0	(0.0)	0	**(0.0)**	**23**	**(0.4)**
T	0	(0.0)	226	(96.2)	0	(0.0)	1	(0.4)	8	(3.4)	0	**(0.0)**	**235**	**(3.6)**
U	0	(0.0)	211	(98.1)	1	(0.5)	1	(0.5)	2	(0.9)	0	**(0.0)**	**215**	**(3.3)**
V	4	(1.3)	284	(90.7)	10	(3.2)	11	(3.5)	4	(1.3)	0	**(0.0)**	**313**	**(4.8)**
W	3	(1.5)	167	(84.8)	21	(10.7)	1	(0.5)	5	(2.5)	0	**(0.0)**	**197**	**(3.1)**
X1	35	(22.0)	81	(50.9)	30	(18.9)	5	(3.1)	7	(4.4)	1	**(0.6)**	**159**	**(2.5)**
X2	15	(25.0)	29	(48.3)	3	(5.0)	1	(1.7)	9	(15.0)	3	**(5.0)**	**60**	**(0.9)**
Y	0	(0.0)	120	(93.0)	0	(0.0)	0	(0.0)	9	(7.0)	0	**(0.0)**	**129**	**(2.0)**
Z	1	(0.6)	152	(94.4)	0	(0.0)	4	(2.5)	4	(2.5)	0	**(0.0)**	**161**	**(2.5)**
ZA	45	(27.8)	105	(64.8)	4	(2.5)	5	(3.1)	0	(0.0)	3	**(1.9)**	**162**	**(2.5)**
ZB	5	(2.5)	185	(91.6)	0	(0.0)	2	(1.0)	10	(5.0)	0	**(0.0)**	**202**	**(3.1)**
ZC	0	(0.0)	210	(68.2)	0	(0.0)	54	(17.5)	31	(10.1)	13	**(4.2)**	**308**	**(4.8)**
ZD	0	(0.0)	92	(53.2)	1	(0.6)	0	(0.0)	80	(46.2)	0	**(0.0)**	**173**	**(2.7)**
ZE	1	(3.7)	5	(18.5)	0	(0.0)	21	(77.8)	0	(0.0)	0	**(0.0)**	**27**	**(0.4)**
ZF	3	(13.0)	0	(0.0)	1	(4.3)	11	(47.8)	2	(8.7)	6	**(26.1)**	**23**	**(0.4)**
Total	**267**	**(4.1)**	**5,109**	**(79.1)**	**339**	**(5.3)**	**256**	**(4.0)**	**422**	**(6.5)**	**63**	**(1.0)**	**6,456**	**(100.0)**
2017														
A	1	(0.6)	129	(72.9)	7	(4.0)	10	(5.6)	29	(16.4)	1	**(0.6)**	**177**	**(2.9)**
C	0	(0.0)	133	(88.1)	2	(1.3)	15	(9.9)	1	(0.7)	0	**(0.0)**	**151**	**(2.5)**
D	0	(0.0)	157	(86.7)	4	(2.2)	1	(0.6)	19	(10.5)	0	**(0.0)**	**181**	**(3.0)**
E1	10	(1.8)	387	(68.1)	104	(18.3)	8	(1.4)	31	(5.5)	28	**(4.9)**	**568**	**(9.4)**
E2	21	(13.9)	92	(60.9)	9	(6.0)	2	(1.3)	17	(11.3)	10	**(6.6)**	**151**	**(2.5)**
F	0	(0.0)	378	(95.2)	3	(0.8)	0	(0.0)	14	(3.5)	2	**(0.5)**	**397**	**(6.6)**
H	2	(1.2)	129	(80.1)	3	(1.9)	11	(6.8)	16	(9.9)	0	**(0.0)**	**161**	**(2.7)**
I	0	(0.0)	115	(93.5)	0	(0.0)	8	(6.5)	0	(0.0)	0	**(0.0)**	**123**	**(2.0)**
K2	14	(25.9)	22	(40.7)	16	(29.6)	2	(3.7)	0	(0.0)	0	**(0.0)**	**54**	**(0.9)**
K3	1	(0.4)	235	(96.7)	4	(1.6)	0	(0.0)	3	(1.2)	0	**(0.0)**	**243**	**(4.0)**
L	0	(0.0)	192	(99.5)	0	(0.0)	1	(0.5)	0	(0.0)	0	**(0.0)**	**193**	**(3.2)**
M	68	(36.0)	97	(51.3)	0	(0.0)	0	(0.0)	21	(11.1)	3	**(1.6)**	**189**	**(3.1)**
N	2	(1.2)	117	(68.4)	3	(1.8)	0	(0.0)	49	(28.7)	0	**(0.0)**	**171**	**(2.8)**
O	0	(0.0)	218	(97.3)	4	(1.8)	0	(0.0)	2	(0.9)	0	**(0.0)**	**224**	**(3.7)**
P	2	(0.6)	256	(78.3)	44	(13.5)	10	(3.1)	12	(3.7)	3	**(0.9)**	**327**	**(5.4)**
Q	0	(0.0)	166	(99.4)	0	(0.0)	0	(0.0)	1	(0.6)	0	**(0.0)**	**167**	**(2.8)**
R	0	(0.0)	286	(83.1)	44	(12.8)	1	(0.3)	13	(3.8)	0	**(0.0)**	**344**	**(5.7)**
S	4	(22.2)	11	(61.1)	0	(0.0)	1	(5.6)	2	(11.1)	0	**(0.0)**	**18**	**(0.3)**
T	0	(0.0)	224	(92.9)	2	(0.8)	0	(0.0)	9	(3.7)	6	**(2.5)**	**241**	**(4.0)**
U	2	(1.1)	174	(95.6)	0	(0.0)	3	(1.6)	3	(1.6)	0	**(0.0)**	**182**	**(3.0)**
V	0	(0.0)	263	(84.3)	15	(4.8)	28	(9.0)	6	(1.9)	0	**(0.0)**	**312**	**(5.2)**
W	0	(0.0)	176	(84.6)	31	(14.9)	1	(0.5)	0	(0.0)	0	**(0.0)**	**208**	**(3.4)**
X1	34	(25.2)	56	(41.5)	29	(21.5)	1	(0.7)	3	(2.2)	12	**(8.9)**	**135**	**(2.2)**
X2	7	(11.1)	44	(69.8)	3	(4.8)	0	(0.0)	2	(3.2)	7	**(11.1)**	**63**	**(1.0)**
Y	0	(0.0)	129	(93.5)	0	(0.0)	2	(1.4)	7	(5.1)	0	**(0.0)**	**138**	**(2.3)**
Z	3	(2.3)	117	(88.0)	0	(0.0)	6	(4.5)	7	(5.3)	0	**(0.0)**	**133**	**(2.2)**
ZA	0	(0.0)	137	(98.6)	0	(0.0)	1	(0.7)	1	(0.7)	0	**(0.0)**	**139**	**(2.3)**
ZB	0	(0.0)	174	(93.0)	0	(0.0)	4	(2.1)	6	(3.2)	3	**(1.6)**	**187**	**(3.1)**
ZC	5	(1.9)	66	(25.5)	109	(42.1)	46	(17.8)	30	(11.6)	3	**(1.2)**	**259**	**(4.3)**
ZD	0	(0.0)	86	(44.6)	0	(0.0)	0	(0.0)	107	(55.4)	0	**(0.0)**	**193**	**(3.2)**
ZE	0	(0.0)	2	(10.0)	0	(0.0)	17	(85.0)	1	(5.0)	0	**(0.0)**	**20**	**(0.3)**
ZF	1	(50.0)	0	(0.0)	0	(0.0)	1	(50.0)	0	(0.0)	0	**(0.0)**	**2**	**(0.0)**
Total	**177**	**(2.9)**	**4,768**	**(78.8)**	**436**	**(7.2)**	**180**	**(3.0)**	**412**	**(6.8)**	**78**	**(1.3)**	**6,051**	**(100.0)**

Year / Organisation	TRANSPORT TEAM TYPE													
	PICU		Centralised transport service (PIC)		Transport team from neonates		Other specialist team		Non-specialist team		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018														
A	0	(0.0)	122	(80.3)	4	(2.6)	4	(2.6)	21	(13.8)	1	(0.7)	**152**	**(2.5)**
C	0	(0.0)	137	(91.9)	2	(1.3)	7	(4.7)	3	(2.0)	0	(0.0)	**149**	**(2.5)**
D	0	(0.0)	195	(80.6)	5	(2.1)	9	(3.7)	33	(13.6)	0	(0.0)	**242**	**(4.0)**
E1	4	(0.6)	416	(66.3)	135	(21.5)	12	(1.9)	28	(4.5)	32	(5.1)	**627**	**(10.4)**
E2	6	(4.9)	95	(77.2)	4	(3.3)	5	(4.1)	7	(5.7)	6	(4.9)	**123**	**(2.0)**
F	0	(0.0)	445	(96.9)	2	(0.4)	0	(0.0)	12	(2.6)	0	(0.0)	**459**	**(7.6)**
H	2	(1.2)	155	(90.1)	6	(3.5)	2	(1.2)	5	(2.9)	2	(1.2)	**172**	**(2.8)**
I	0	(0.0)	117	(97.5)	0	(0.0)	1	(0.8)	1	(0.8)	1	(0.8)	**120**	**(2.0)**
K2	3	(4.1)	45	(61.6)	25	(34.2)	0	(0.0)	0	(0.0)	0	(0.0)	**73**	**(1.2)**
K3	0	(0.0)	218	(92.8)	13	(5.5)	1	(0.4)	3	(1.3)	0	(0.0)	**235**	**(3.9)**
L	1	(0.6)	152	(98.7)	0	(0.0)	1	(0.6)	0	(0.0)	0	(0.0)	**154**	**(2.5)**
M	12	(6.3)	161	(85.2)	1	(0.5)	2	(1.1)	7	(3.7)	6	(3.2)	**189**	**(3.1)**
N	0	(0.0)	131	(75.3)	2	(1.1)	4	(2.3)	37	(21.3)	0	(0.0)	**174**	**(2.9)**
O	1	(0.5)	170	(91.4)	10	(5.4)	1	(0.5)	4	(2.2)	0	(0.0)	**186**	**(3.1)**
P	1	(0.3)	196	(61.6)	99	(31.1)	12	(3.8)	3	(0.9)	7	(2.2)	**318**	**(5.3)**
Q	0	(0.0)	202	(98.5)	0	(0.0)	0	(0.0)	2	(1.0)	1	(0.5)	**205**	**(3.4)**
R	0	(0.0)	290	(78.2)	48	(12.9)	2	(0.5)	31	(8.4)	0	(0.0)	**371**	**(6.1)**
S	0	(0.0)	15	(93.8)	0	(0.0)	0	(0.0)	1	(6.3)	0	(0.0)	**16**	**(0.3)**
T	0	(0.0)	195	(92.4)	3	(1.4)	1	(0.5)	6	(2.8)	6	(2.8)	**211**	**(3.5)**
U	0	(0.0)	181	(99.5)	0	(0.0)	0	(0.0)	1	(0.5)	0	(0.0)	**182**	**(3.0)**
V	0	(0.0)	218	(77.3)	38	(13.5)	23	(8.2)	3	(1.1)	0	(0.0)	**282**	**(4.7)**
W	0	(0.0)	192	(85.7)	29	(12.9)	2	(0.9)	1	(0.4)	0	(0.0)	**224**	**(3.7)**
X1	17	(12.2)	73	(52.5)	40	(28.8)	1	(0.7)	3	(2.2)	5	(3.6)	**139**	**(2.3)**
X2	3	(4.3)	61	(87.1)	0	(0.0)	1	(1.4)	2	(2.9)	3	(4.3)	**70**	**(1.2)**
Y	1	(0.9)	111	(97.4)	1	(0.9)	0	(0.0)	1	(0.9)	0	(0.0)	**114**	**(1.9)**
Z	0	(0.0)	116	(86.6)	2	(1.5)	0	(0.0)	16	(11.9)	0	(0.0)	**134**	**(2.2)**
ZA	0	(0.0)	123	(98.4)	1	(0.8)	1	(0.8)	0	(0.0)	0	(0.0)	**125**	**(2.1)**
ZB	2	(1.3)	147	(94.2)	1	(0.6)	0	(0.0)	6	(3.8)	0	(0.0)	**156**	**(2.6)**
ZC	2	(0.8)	33	(13.7)	118	(49.0)	32	(13.3)	54	(22.4)	2	(0.8)	**241**	**(4.0)**
ZD	0	(0.0)	101	(54.0)	6	(3.2)	2	(1.1)	78	(41.7)	0	(0.0)	**187**	**(3.1)**
ZE	0	(0.0)	0	(0.0)	0	(0.0)	3	(33.3)	5	(55.6)	1	(11.1)	**9**	**(0.1)**
ZF	0	(0.0)	5	(27.8)	0	(0.0)	9	(50.0)	4	(22.2)	0	(0.0)	**18**	**(0.3)**
Grand Total	**499**	**(2.7)**	**14,695**	**(79.2)**	**1,370**	**(7.4)**	**574**	**(3.1)**	**1,212**	**(6.5)**	**214**	**(1.2)**	18,564	(100.0)

Notes

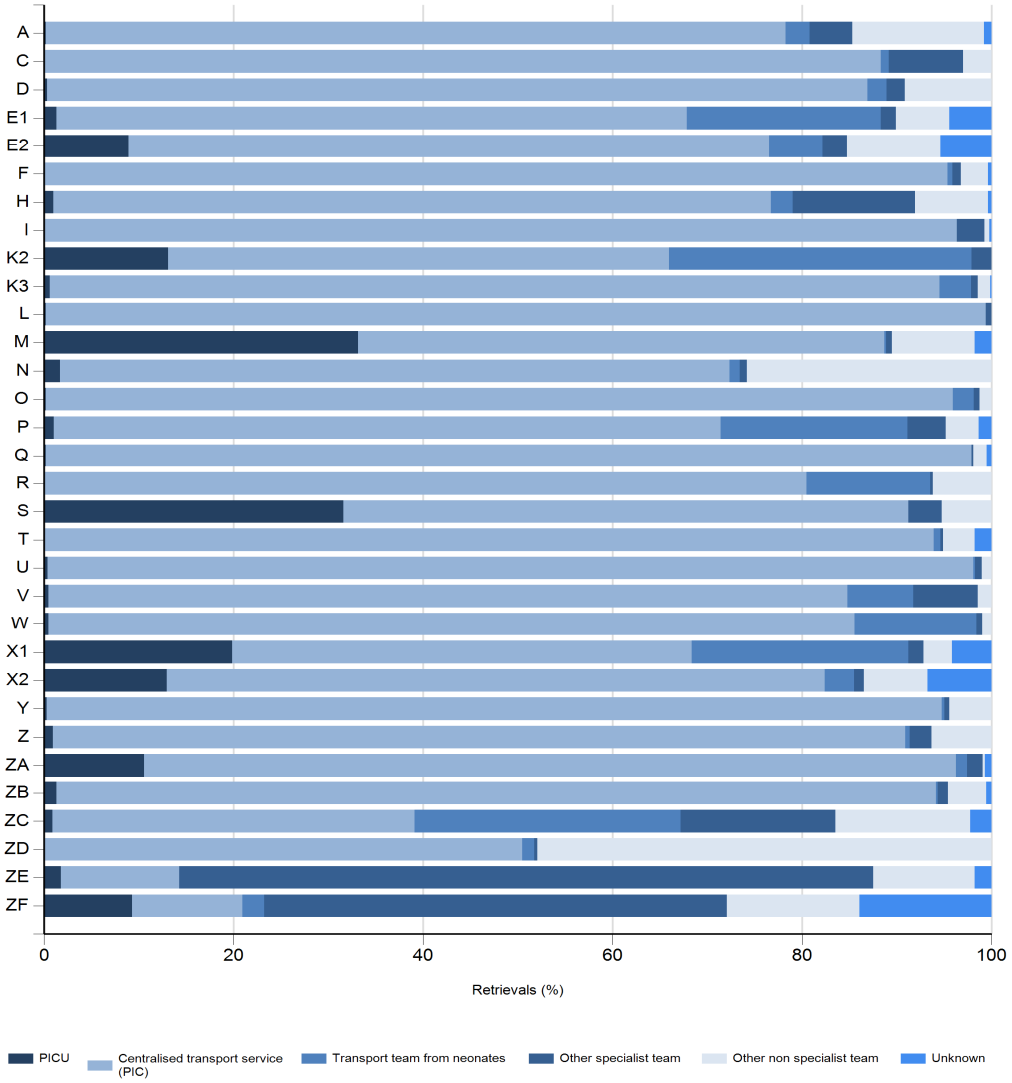
1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) Further information on the definition of each transport team category can be found on the Data Description tab.

3) Based on retrieval and transfer data from the admissions dataset

FIGURE 28 ADMISSIONS BY TRANSPORT TEAM TYPE FOR RETRIEVALS AND TRANSFERS, 2016 - 2018

Figure 28 shows the proportion of admissions, by transport team type, by organisation, for the three years of the reporting period combined.



Notes

1) Admissions where the child's age is unknown are excluded from this figure (n=3)

2) Further information on the definition of each transport team category can be found on the Data Description tab.

3) Based on retrieval and transfer data from the admissions dataset

INTERVENTION DATA

In this report we present data on interventions received by children admitted to PICU during the reporting period.

Return to Main Index

INDEX TO INTERVENTION DATA

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TABLE 29 INTERVENTIONS RECEIVED BY HEALTH ORGANISATION, 2016 - 2018

Tables 29 presents summary data relating to interventions carried out on PICU, by organisation, for each year of the reporting period.

Rows in this table show the total number of admissions to a given unit in a given year, and then the number and proportion of these admissions where specific interventions were undertaken.

The percentages show row percentages, i.e. what proportion of all admissions to a given organisation in a given year received each type of intervention.

Year / Organisation	Admissions	INTERVENTIONS																	
		Invasive Ventilation		Non-Invasive Ventilation		Tracheostomy		ECMO		IV Vasoactive Drugs		LVAD		ICP Device		Renal Support		High flow nasal cannula therapy	
		n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																			
A	**650**	273	(42.0)	39	(6.0)	9	(1.4)	0	(0.0)	69	(10.6)	0	(0.0)	21	(3.2)	7	(1.1)	77	(11.9)
C	**530**	224	(42.3)	97	(18.3)	2	(0.4)	0	(0.0)	55	(10.4)	0	(0.0)	9	(1.7)	3	(0.6)	34	(6.4)
D	**732**	465	(63.5)	63	(8.6)	18	(2.5)	2	(0.3)	162	(22.1)	0	(0.0)	16	(2.2)	18	(2.5)	42	(5.7)
E1	**991**	781	(78.8)	180	(18.2)	26	(2.6)	2	(0.2)	239	(24.1)	0	(0.0)	31	(3.1)	40	(4.0)	26	(2.6)
E2	**855**	742	(86.8)	87	(10.2)	11	(1.3)	36	(4.2)	573	(67.0)	13	(1.5)	1	(0.1)	36	(4.2)	16	(1.9)
F	**1,154**	949	(82.2)	124	(10.7)	18	(1.6)	10	(0.9)	472	(40.9)	0	(0.0)	0	(0.0)	42	(3.6)	0	(0.0)
H	**576**	323	(56.1)	77	(13.4)	0	(0.0)	0	(0.0)	84	(14.6)	0	(0.0)	20	(3.5)	17	(3.0)	128	(22.2)
I	**749**	652	(87.0)	20	(2.7)	35	(4.7)	9	(1.2)	369	(49.3)	0	(0.0)	12	(1.6)	25	(3.3)	223	(29.8)
K2	**312**	285	(91.3)	16	(5.1)	7	(2.2)	39	(12.5)	249	(79.8)	14	(4.5)	0	(0.0)	38	(12.2)	108	(34.6)
K3	**624**	374	(59.9)	51	(8.2)	13	(2.1)	0	(0.0)	100	(16.0)	0	(0.0)	16	(2.6)	9	(1.4)	132	(21.2)
L	**269**	194	(72.1)	48	(17.8)	0	(0.0)	0	(0.0)	33	(12.3)	0	(0.0)	0	(0.0)	2	(0.7)	22	(8.2)
M	**634**	277	(43.7)	162	(25.6)	4	(0.6)	0	(0.0)	88	(13.9)	0	(0.0)	14	(2.2)	10	(1.6)	21	(3.3)
N	**845**	277	(32.8)	47	(5.6)	5	(0.6)	0	(0.0)	84	(9.9)	0	(0.0)	23	(2.7)	4	(0.5)	261	(30.9)
O	**584**	437	(74.8)	194	(33.2)	3	(0.5)	13	(2.2)	394	(67.5)	0	(0.0)	1	(0.2)	18	(3.1)	7	(1.2)
P	**942**	723	(76.8)	108	(11.5)	3	(0.3)	31	(3.3)	454	(48.2)	4	(0.4)	18	(1.9)	38	(4.0)	211	(22.4)
Q	**721**	301	(41.7)	145	(20.1)	21	(2.9)	0	(0.0)	70	(9.7)	2	(0.3)	24	(3.3)	6	(0.8)	116	(16.1)
R	**881**	741	(84.1)	73	(8.3)	10	(1.1)	8	(0.9)	371	(42.1)	0	(0.0)	11	(1.2)	36	(4.1)	242	(27.5)
S	**163**	69	(42.3)	41	(25.2)	1	(0.6)	0	(0.0)	15	(9.2)	0	(0.0)	2	(1.2)	0	(0.0)	15	(9.2)
T	**599**	320	(53.4)	93	(15.5)	1	(0.2)	0	(0.0)	74	(12.4)	0	(0.0)	8	(1.3)	9	(1.5)	90	(15.0)
U	**329**	271	(82.4)	110	(33.4)	4	(1.2)	0	(0.0)	105	(31.9)	0	(0.0)	1	(0.3)	18	(5.5)	11	(3.3)
V	**1,409**	1,093	(77.6)	375	(26.6)	6	(0.4)	15	(1.1)	620	(44.0)	0	(0.0)	24	(1.7)	49	(3.5)	343	(24.3)
W	**697**	517	(74.2)	107	(15.4)	13	(1.9)	10	(1.4)	375	(53.8)	0	(0.0)	14	(2.0)	42	(6.0)	242	(34.7)
X1	**454**	341	(75.1)	97	(21.4)	1	(0.2)	48	(10.6)	267	(58.8)	0	(0.0)	0	(0.0)	18	(4.0)	90	(19.8)
X2	**398**	166	(41.7)	81	(20.4)	1	(0.3)	0	(0.0)	33	(8.3)	0	(0.0)	0	(0.0)	2	(0.5)	73	(18.3)
Y	**515**	238	(46.2)	156	(30.3)	6	(1.2)	0	(0.0)	36	(7.0)	0	(0.0)	6	(1.2)	4	(0.8)	107	(20.8)
Z	**391**	201	(51.4)	122	(31.2)	0	(0.0)	0	(0.0)	43	(11.0)	0	(0.0)	1	(0.3)	0	(0.0)	25	(6.4)
ZA	**971**	489	(50.4)	104	(10.7)	6	(0.6)	18	(1.9)	273	(28.1)	0	(0.0)	40	(4.1)	36	(3.7)	266	(27.4)
ZB	**557**	302	(54.2)	63	(11.3)	5	(0.9)	1	(0.2)	66	(11.8)	0	(0.0)	16	(2.9)	8	(1.4)	79	(14.2)
ZC	**1,031**	662	(64.2)	267	(25.9)	13	(1.3)	14	(1.4)	504	(48.9)	0	(0.0)	0	(0.0)	37	(3.6)	209	(20.3)
ZD	**370**	245	(66.2)	68	(18.4)	6	(1.6)	0	(0.0)	57	(15.4)	0	(0.0)	29	(7.8)	10	(2.7)	123	(33.2)
ZE	**249**	88	(35.3)	17	(6.8)	1	(0.4)	0	(0.0)	77	(30.9)	0	(0.0)	3	(1.2)	4	(1.6)	12	(4.8)
ZF	**87**	9	(10.3)	12	(13.8)	3	(3.4)	0	(0.0)	2	(2.3)	0	(0.0)	2	(2.3)	1	(1.1)	7	(8.0)
Total	**20,269**	**13,029**	**(64.3)**	**3,244**	**(16.0)**	**252**	**(1.2)**	**256**	**(1.3)**	**6,413**	**(31.6)**	**33**	**(0.2)**	**363**	**(1.8)**	**587**	**(2.9)**	**3,358**	**(16.6)**

Year / Organisation	Admissions	INTERVENTIONS																	
		Invasive Ventilation		Non-Invasive Ventilation		Tracheostomy		ECMO		IV Vasoactive Drugs		LVAD		ICP Device		Renal Support		High flow nasal cannula therapy	
		n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2017																			
A	**615**	242	(39.3)	38	(6.2)	7	(1.1)	0	(0.0)	77	(12.5)	0	(0.0)	21	(3.4)	5	(0.8)	115	(18.7)
C	**493**	222	(45.0)	114	(23.1)	7	(1.4)	1	(0.2)	50	(10.1)	0	(0.0)	8	(1.6)	4	(0.8)	29	(5.9)
D	**579**	408	(70.5)	51	(8.8)	17	(2.9)	0	(0.0)	162	(28.0)	0	(0.0)	31	(5.4)	17	(2.9)	111	(19.2)
E1	**951**	713	(75.0)	223	(23.4)	20	(2.1)	3	(0.3)	238	(25.0)	0	(0.0)	24	(2.5)	28	(2.9)	264	(27.8)
E2	**764**	663	(86.8)	181	(23.7)	1	(0.1)	36	(4.7)	533	(69.8)	17	(2.2)	3	(0.4)	29	(3.8)	147	(19.2)
F	**1,085**	869	(80.1)	145	(13.4)	15	(1.4)	13	(1.2)	491	(45.3)	0	(0.0)	0	(0.0)	49	(4.5)	0	(0.0)
H	**497**	297	(59.8)	78	(15.7)	0	(0.0)	0	(0.0)	65	(13.1)	0	(0.0)	15	(3.0)	15	(3.0)	96	(19.3)
I	**711**	603	(84.8)	15	(2.1)	23	(3.2)	9	(1.3)	414	(58.2)	0	(0.0)	12	(1.7)	42	(5.9)	225	(31.6)
K2	**292**	254	(87.0)	36	(12.3)	5	(1.7)	21	(7.2)	215	(73.6)	18	(6.2)	0	(0.0)	21	(7.2)	121	(41.4)
K3	**646**	408	(63.2)	58	(9.0)	8	(1.2)	0	(0.0)	86	(13.3)	0	(0.0)	20	(3.1)	16	(2.5)	153	(23.7)
L	**289**	230	(79.6)	49	(17.0)	0	(0.0)	0	(0.0)	55	(19.0)	1	(0.3)	0	(0.0)	3	(1.0)	24	(8.3)
M	**625**	297	(47.5)	180	(28.8)	6	(1.0)	0	(0.0)	67	(10.7)	0	(0.0)	21	(3.4)	15	(2.4)	59	(9.4)
N	**733**	273	(37.2)	28	(3.8)	4	(0.5)	0	(0.0)	83	(11.3)	0	(0.0)	26	(3.5)	8	(1.1)	166	(22.6)
O	**587**	426	(72.6)	172	(29.3)	2	(0.3)	11	(1.9)	412	(70.2)	0	(0.0)	0	(0.0)	18	(3.1)	105	(17.9)
P	**985**	743	(75.4)	102	(10.4)	6	(0.6)	28	(2.8)	492	(49.9)	1	(0.1)	10	(1.0)	49	(5.0)	241	(24.5)
Q	**732**	308	(42.1)	128	(17.5)	10	(1.4)	0	(0.0)	79	(10.8)	0	(0.0)	51	(7.0)	4	(0.5)	188	(25.7)
R	**916**	771	(84.2)	67	(7.3)	14	(1.5)	10	(1.1)	386	(42.1)	0	(0.0)	17	(1.9)	33	(3.6)	234	(25.5)
S	**294**	57	(19.4)	50	(17.0)	4	(1.4)	0	(0.0)	16	(5.4)	0	(0.0)	3	(1.0)	0	(0.0)	62	(21.1)
T	**611**	292	(47.8)	93	(15.2)	3	(0.5)	0	(0.0)	68	(11.1)	0	(0.0)	27	(4.4)	6	(1.0)	92	(15.1)
U	**319**	244	(76.5)	113	(35.4)	1	(0.3)	0	(0.0)	88	(27.6)	0	(0.0)	6	(1.9)	10	(3.1)	1	(0.3)
V	**1,353**	1029	(76.1)	299	(22.1)	3	(0.2)	22	(1.6)	633	(46.8)	1	(0.1)	47	(3.5)	65	(4.8)	360	(26.6)
W	**724**	570	(78.7)	130	(18.0)	8	(1.1)	14	(1.9)	407	(56.2)	0	(0.0)	24	(3.3)	51	(7.0)	266	(36.7)
X1	**388**	292	(75.3)	71	(18.3)	1	(0.3)	48	(12.4)	247	(63.7)	0	(0.0)	0	(0.0)	11	(2.8)	118	(30.4)
X2	**371**	187	(50.4)	71	(19.1)	4	(1.1)	0	(0.0)	24	(6.5)	0	(0.0)	0	(0.0)	1	(0.3)	72	(19.4)
Y	**497**	247	(49.7)	175	(35.2)	3	(0.6)	0	(0.0)	23	(4.6)	0	(0.0)	5	(1.0)	2	(0.4)	104	(20.9)
Z	**407**	182	(44.7)	109	(26.8)	0	(0.0)	1	(0.2)	38	(9.3)	0	(0.0)	6	(1.5)	3	(0.7)	28	(6.9)
ZA	**896**	508	(56.7)	103	(11.5)	6	(0.7)	27	(3.0)	265	(29.6)	0	(0.0)	36	(4.0)	35	(3.9)	318	(35.5)
ZB	**522**	263	(50.4)	75	(14.4)	3	(0.6)	0	(0.0)	66	(12.6)	0	(0.0)	16	(3.1)	2	(0.4)	86	(16.5)
ZC	**1,026**	644	(62.8)	242	(23.6)	8	(0.8)	11	(1.1)	476	(46.4)	0	(0.0)	0	(0.0)	26	(2.5)	329	(32.1)
ZD	**437**	268	(61.3)	80	(18.3)	2	(0.5)	0	(0.0)	54	(12.4)	0	(0.0)	36	(8.2)	8	(1.8)	147	(33.6)
ZE	**438**	69	(15.8)	16	(3.7)	0	(0.0)	0	(0.0)	46	(10.5)	0	(0.0)	3	(0.7)	4	(0.9)	10	(2.3)
ZF	**66**	5	(7.6)	8	(12.1)	1	(1.5)	0	(0.0)	0	(0.0)	0	(0.0)	1	(1.5)	0	(0.0)	2	(3.0)
Total	**19,849**	**12,584**	**(63.4)**	**3,300**	**(16.6)**	**192**	**(1.0)**	**255**	**(1.3)**	**6,356**	**(32.0)**	**38**	**(0.2)**	**469**	**(2.4)**	**580**	**(2.9)**	**4,273**	**(21.5)**

Year / Organisation	Admissions	INTERVENTIONS																	
		Invasive Ventilation		Non-Invasive Ventilation		Tracheostomy		ECMO		IV Vasoactive Drugs		LVAD		ICP Device		Renal Support		High flow nasal cannula therapy	
		n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018																			
A	**546**	210	(38.5)	45	(8.2)	7	(1.3)	0	(0.0)	57	(10.4)	0	(0.0)	22	(4.0)	6	(1.1)	89	(16.3)
C	**510**	231	(45.3)	117	(22.9)	1	(0.2)	0	(0.0)	48	(9.4)	0	(0.0)	7	(1.4)	5	(1.0)	31	(6.1)
D	**1,133**	370	(32.7)	106	(9.4)	12	(1.1)	0	(0.0)	185	(16.3)	0	(0.0)	30	(2.6)	24	(2.1)	259	(22.9)
E1	**1,071**	815	(76.1)	210	(19.6)	18	(1.7)	1	(0.1)	234	(21.8)	0	(0.0)	32	(3.0)	37	(3.5)	289	(27.0)
E2	**776**	668	(86.1)	161	(20.7)	5	(0.6)	26	(3.4)	523	(67.4)	14	(1.8)	3	(0.4)	33	(4.3)	232	(29.9)
F	**1,097**	906	(82.6)	123	(11.2)	16	(1.5)	22	(2.0)	482	(43.9)	0	(0.0)	0	(0.0)	48	(4.4)	0	(0.0)
H	**542**	328	(60.5)	78	(14.4)	1	(0.2)	0	(0.0)	83	(15.3)	0	(0.0)	14	(2.6)	19	(3.5)	130	(24.0)
I	**675**	557	(82.5)	23	(3.4)	21	(3.1)	9	(1.3)	382	(56.6)	1	(0.1)	13	(1.9)	42	(6.2)	253	(37.5)
K2	**324**	277	(85.5)	25	(7.7)	10	(3.1)	28	(8.6)	227	(70.1)	20	(6.2)	0	(0.0)	24	(7.4)	140	(43.2)
K3	**639**	386	(60.4)	77	(12.1)	19	(3.0)	1	(0.2)	87	(13.6)	0	(0.0)	16	(2.5)	16	(2.5)	154	(24.1)
L	**277**	191	(69.0)	71	(25.6)	1	(0.4)	1	(0.4)	33	(11.9)	0	(0.0)	4	(1.4)	0	(0.0)	24	(8.7)
M	**634**	294	(46.4)	174	(27.4)	3	(0.5)	0	(0.0)	97	(15.3)	0	(0.0)	19	(3.0)	18	(2.8)	80	(12.6)
N	**803**	266	(33.1)	17	(2.1)	0	(0.0)	0	(0.0)	66	(8.2)	0	(0.0)	34	(4.2)	7	(0.9)	205	(25.5)
O	**571**	394	(69.0)	168	(29.4)	2	(0.4)	16	(2.8)	365	(63.9)	1	(0.2)	1	(0.2)	18	(3.2)	110	(19.3)
P	**951**	756	(79.5)	116	(12.2)	5	(0.5)	28	(2.9)	511	(53.7)	3	(0.3)	14	(1.5)	55	(5.8)	249	(26.2)
Q	**744**	304	(40.9)	140	(18.8)	9	(1.2)	0	(0.0)	76	(10.2)	0	(0.0)	56	(7.5)	11	(1.5)	179	(24.1)
R	**877**	742	(84.6)	84	(9.6)	6	(0.7)	8	(0.9)	345	(39.3)	0	(0.0)	9	(1.0)	27	(3.1)	248	(28.3)
S	**318**	40	(12.6)	58	(18.2)	1	(0.3)	0	(0.0)	9	(2.8)	0	(0.0)	1	(0.3)	0	(0.0)	75	(23.6)
T	**561**	273	(48.7)	85	(15.2)	4	(0.7)	0	(0.0)	51	(9.1)	0	(0.0)	9	(1.6)	1	(0.2)	88	(15.7)
U	**321**	253	(78.8)	146	(45.5)	1	(0.3)	0	(0.0)	99	(30.8)	0	(0.0)	4	(1.2)	20	(6.2)	15	(4.7)
V	**1,211**	960	(79.3)	307	(25.4)	1	(0.1)	20	(1.7)	589	(48.6)	0	(0.0)	19	(1.6)	70	(5.8)	338	(27.9)
W	**716**	565	(78.9)	124	(17.3)	5	(0.7)	4	(0.6)	402	(56.1)	0	(0.0)	19	(2.7)	40	(5.6)	223	(31.1)
X1	**438**	326	(74.4)	74	(16.9)	0	(0.0)	37	(8.4)	287	(65.5)	0	(0.0)	0	(0.0)	17	(3.9)	119	(27.2)
X2	**390**	183	(46.9)	81	(20.8)	2	(0.5)	0	(0.0)	36	(9.2)	0	(0.0)	0	(0.0)	0	(0.0)	112	(28.7)
Y	**500**	223	(44.6)	151	(30.2)	1	(0.2)	0	(0.0)	26	(5.2)	1	(0.2)	4	(0.8)	3	(0.6)	92	(18.4)
Z	**396**	182	(46.0)	104	(26.3)	1	(0.3)	0	(0.0)	43	(10.9)	0	(0.0)	8	(2.0)	0	(0.0)	10	(2.5)
ZA	**853**	460	(53.9)	88	(10.3)	9	(1.1)	12	(1.4)	241	(28.3)	0	(0.0)	37	(4.3)	30	(3.5)	356	(41.7)
ZB	**501**	230	(45.9)	46	(9.2)	1	(0.2)	0	(0.0)	61	(12.2)	0	(0.0)	4	(0.8)	7	(1.4)	126	(25.1)
ZC	**1,023**	634	(62.0)	279	(27.3)	10	(1.0)	15	(1.5)	463	(45.3)	0	(0.0)	1	(0.1)	31	(3.0)	351	(34.3)
ZD	**405**	260	(64.2)	94	(23.2)	0	(0.0)	0	(0.0)	60	(14.8)	0	(0.0)	23	(5.7)	14	(3.5)	176	(43.5)
ZE	**250**	47	(18.8)	7	(2.8)	0	(0.0)	0	(0.0)	39	(15.6)	0	(0.0)	2	(0.8)	4	(1.6)	5	(2.0)
ZF	**92**	17	(18.5)	15	(16.3)	1	(1.1)	0	(0.0)	1	(1.1)	0	(0.0)	0	(0.0)	0	(0.0)	12	(13.0)
Total	**20,145**	**12,348**	**(61.3)**	**3,394**	**(16.8)**	**173**	**(0.9)**	**228**	**(1.1)**	**6,208**	**(30.8)**	**40**	**(0.2)**	**405**	**(2.0)**	**627**	**(3.1)**	**4,770**	**(23.7)**
Grand Total	**60,263**	**37,961**	**(63.0)**	**9,938**	**(16.5)**	**617**	**(1.0)**	**739**	**(1.2)**	**18,977**	**(31.5)**	**111**	**(0.2)**	**1,237**	**(2.1)**	**1,794**	**(3.0)**	**12,401**	**(20.6)**

Notes

1) Most of the interventions described are available in all PICUs, although a few specialist interventions (such as extra corporeal membrane oxygenation (ECMO) or left ventricular assist device to support cardiac function (LVAD)) are only available in a PICU where invasive cardiac procedures are routinely performed.

2) ECMO = extracorporeal membrane oxygenation; IV = intravenous; ICP = Intracranial pressure.

3) PICANet defines non-invasive ventilatory support is defined as any method of ventilation not given via an endotracheal tube, laryngeal mask or tracheostomy. Non-invasive ventilation would include nasal prong or nasal / facial mask CPAP, nasal or facial BiPAP or negative pressure ventilation. It does not include high flow nasal cannula therapy.

TABLE 30 ADMISSIONS BY VENTILATION STATUS AND AGE, 2016 - 2018

Tables 30 presents ventilation status of children (<16 years) who were admitted between 2016 and 2018, by year of admission and age group in years. Children are categorised into groups based on the types of ventilation they receive throughout their PICU stay.

Ventilation status is defined as: (i) invasive ventilation only, i.e. the child received invasive ventilation during their admission but no non-invasive ventilation; (ii) non-invasive ventilation only, i.e. the child received invasive ventilation during their admission but no invasive ventilation; (iii) both, i.e. the child received both invasive and non-invasive ventilation during the admission; (iv) neither, i.e. the child did not receive any invasive or non-invasive ventilation during their admission.

Rows in this table show the admissions in each age group with each ventilation status, for each year of the reporting period. The 'Total' column gives the total number of admissions with each ventilation status in each year of the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of admissions with each ventilation status, for a given year, were in each age category. The percentages in the 'Total' column show column percentages, i.e. what proportion of admissions in a given year were defined at each ventilation status.

Ventilation Status	AGE GROUP (YEARS) <1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016										
Both	1,341	(65.0)	359	(17.4)	198	(9.6)	166	(8.0)	**2,064**	**(10.2)**
Invasive only	5,523	(50.4)	2,902	(26.5)	1,469	(13.4)	1,071	(9.8)	**10,965**	**(54.1)**
Neither	1,767	(29.2)	1,884	(31.1)	1,159	(19.1)	1,249	(20.6)	**6,059**	**(29.9)**
Non-invasive only	548	(46.4)	258	(21.9)	179	(15.2)	195	(16.5)	**1,180**	**(5.8)**
Total	**9,179**	**(45.3)**	**5,403**	**(26.7)**	**3,005**	**(14.8)**	**2,681**	**(13.2)**	**20,268**	**(100.0)**
2017										
Both	1,344	(63.6)	355	(16.8)	223	(10.5)	192	(9.1)	**2,114**	**(10.7)**
Invasive only	5,199	(49.7)	2,702	(25.8)	1,453	(13.9)	1,116	(10.7)	**10,470**	**(52.7)**
Neither	1,692	(27.8)	1,733	(28.5)	1,234	(20.3)	1,420	(23.4)	**6,079**	**(30.6)**
Non-invasive only	569	(48.0)	274	(23.1)	196	(16.5)	147	(12.4)	**1,186**	**(6.0)**
Total	**8,804**	**(44.4)**	**5,064**	**(25.5)**	**3,106**	**(15.6)**	**2,875**	**(14.5)**	**19,849**	**(100.0)**
2018										
Both	1,328	(62.0)	365	(17.0)	220	(10.3)	228	(10.6)	**2,141**	**(10.6)**
Invasive only	5,010	(49.1)	2,692	(26.4)	1,441	(14.1)	1,063	(10.4)	**10,206**	**(50.7)**
Neither	1,835	(28.0)	1,909	(29.2)	1,293	(19.8)	1,506	(23.0)	**6,543**	**(32.5)**
Non-invasive only	541	(43.2)	319	(25.5)	203	(16.2)	190	(15.2)	**1,253**	**(6.2)**
Total	**8,714**	**(43.3)**	**5,285**	**(26.2)**	**3,157**	**(15.7)**	**2,987**	**(14.8)**	**20,143**	**(100.0)**
Grand Total	**26,697**	**(44.3)**	**15,752**	**(26.1)**	**9,268**	**(15.4)**	**8,543**	**(14.2)**	**60,260**	**(100.0)**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) Ventilation status groups are mutually exclusive

3) PICANet defines non-invasive ventilatory support is defined as any method of ventilation not given via an endotracheal tube, laryngeal mask or tracheostomy. Non-invasive ventilation would include nasal prong or nasal / facial mask CPAP, nasal or facial BiPAP or negative pressure ventilation. It does not include high flow nasal cannula therapy.

TABLE 31 ADMISSIONS BY VENTILATION STATUS BY HEALTH ORGANISATION, 2016 - 2018

Tables 31 presents ventilation status of children (<16 years) who were admitted between 2016 and 2018, by year of admission and organisation. Children are categorised into groups based on the types of ventilation they receive throughout their PICU stay.

Ventilation status is defined as: (i) invasive ventilation only, i.e. the child received invasive ventilation during their admission but no non-invasive ventilation; (ii) non-invasive ventilation only, i.e. the child received invasive ventilation during their admission but no invasive ventilation; (iii) both, i.e. the child received both invasive and non-invasive ventilation during the admission; (iv) neither, i.e. the child did not receive any invasive or non-invasive ventilation during their admission.

Rows in this table show the number of admissions to each organisation with each ventilation status, for each year of the reporting period. The 'Total' column gives the total number of admissions to a given organisation in a given year.

The percentages in the white columns show row percentages, i.e. what proportion of admissions, to a given organisation for a given year, were in each ventilation status group. The percentages in the 'Total' column show column percentages, i.e. what proportion of admissions in a given year were to each organisation.

Year / Organisation	VENTILATION STATUS											
	Invasive only		Non-invasive only		Both		Neither		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016												
A	269	(41.4)	35	(5.4)	4	0.6	342	(52.6)	0	(0.0)	**650**	**(3.2)**
C	178	(33.6)	51	(9.6)	46	8.7	255	(48.1)	0	(0.0)	**530**	**(2.6)**
D	424	(57.9)	22	(3.0)	41	5.6	245	(33.5)	0	(0.0)	**732**	**(3.6)**
E1	630	(63.6)	29	(2.9)	151	15.2	181	(18.3)	0	(0.0)	**991**	**(4.9)**
E2	664	(77.7)	9	(1.1)	78	9.1	104	(12.2)	0	(0.0)	**855**	**(4.2)**
F	853	(73.9)	28	(2.4)	96	8.3	177	(15.3)	0	(0.0)	**1,154**	**(5.7)**
H	280	(48.6)	34	(5.9)	43	7.5	219	(38.0)	0	(0.0)	**576**	**(2.8)**
I	640	(85.4)	8	(1.1)	12	1.6	89	(11.9)	0	(0.0)	**749**	**(3.7)**
K2	270	(86.5)	1	(0.3)	15	4.8	26	(8.3)	0	(0.0)	**312**	**(1.5)**
K3	348	(55.8)	25	(4.0)	26	4.2	225	(36.1)	0	(0.0)	**624**	**(3.1)**
L	162	(60.2)	16	(5.9)	32	11.9	59	(21.9)	0	(0.0)	**269**	**(1.3)**
M	205	(32.3)	90	(14.2)	72	11.4	267	(42.1)	0	(0.0)	**634**	**(3.1)**
N	258	(30.5)	28	(3.3)	19	2.2	540	(63.9)	0	(0.0)	**845**	**(4.2)**
O	271	(46.4)	28	(4.8)	166	28.4	119	(20.4)	0	(0.0)	**584**	**(2.9)**
P	642	(68.2)	27	(2.9)	81	8.6	192	(20.4)	0	(0.0)	**942**	**(4.6)**
Q	226	(31.3)	70	(9.7)	75	10.4	350	(48.5)	0	(0.0)	**721**	**(3.6)**
R	679	(77.1)	11	(1.2)	62	7	129	(14.6)	0	(0.0)	**881**	**(4.3)**
S	53	(32.5)	25	(15.3)	16	9.8	69	(42.3)	0	(0.0)	**163**	**(0.8)**
T	257	(42.9)	30	(5.0)	63	10.5	249	(41.6)	0	(0.0)	**599**	**(3.0)**
U	179	(54.4)	18	(5.5)	92	28	40	(12.2)	0	(0.0)	**329**	**(1.6)**
V	826	(58.6)	108	(7.7)	267	18.9	208	(14.8)	0	(0.0)	**1,409**	**(7.0)**
W	446	(64.0)	36	(5.2)	71	10.2	144	(20.7)	0	(0.0)	**697**	**(3.4)**
X1	265	(58.4)	21	(4.6)	76	16.7	92	(20.3)	0	(0.0)	**454**	**(2.2)**
X2	133	(33.4)	48	(12.1)	33	8.3	184	(46.2)	0	(0.0)	**398**	**(2.0)**
Y	193	(37.5)	111	(21.6)	45	8.7	166	(32.2)	0	(0.0)	**515**	**(2.5)**
Z	156	(39.9)	77	(19.7)	45	11.5	113	(28.9)	0	(0.0)	**391**	**(1.9)**
ZA	431	(44.4)	46	(4.7)	58	6	436	(44.9)	0	(0.0)	**971**	**(4.8)**
ZB	258	(46.3)	19	(3.4)	44	7.9	236	(42.4)	0	(0.0)	**557**	**(2.7)**
ZC	481	(46.7)	86	(8.3)	181	17.6	283	(27.4)	0	(0.0)	**1,031**	**(5.1)**
ZD	207	(55.9)	30	(8.1)	38	10.3	95	(25.7)	0	(0.0)	**370**	**(1.8)**
ZE	74	(29.7)	3	(1.2)	14	5.6	158	(63.5)	0	(0.0)	**249**	**(1.2)**
ZF	7	(8.0)	10	(11.5)	2	2.3	68	(78.2)	0	(0.0)	**87**	**(0.4)**
Total	**10,965**	**(54.1)**	**1,180**	**(5.8)**	**2,064**	**10.2**	**6,060**	**(29.9)**	**0**	**(0.0)**	**20,269**	**(100.0)**

Year / Organisation	VENTILATION STATUS											
	Invasive only		Non-invasive only		Both		Neither		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2017												
A	236	(38.4)	32	(5.2)	6	1	341	(55.4)	0	(0.0)	**615**	**(3.1)**
C	176	(35.7)	68	(13.8)	46	9.3	203	(41.2)	0	(0.0)	**493**	**(2.5)**
D	383	(66.1)	26	(4.5)	25	4.3	145	(25.0)	0	(0.0)	**579**	**(2.9)**
E1	535	(56.3)	45	(4.7)	178	18.7	193	(20.3)	0	(0.0)	**951**	**(4.8)**
E2	504	(66.0)	22	(2.9)	159	20.8	79	(10.3)	0	(0.0)	**764**	**(3.8)**
F	758	(69.9)	34	(3.1)	111	10.2	182	(16.8)	0	(0.0)	**1,085**	**(5.5)**
H	260	(52.3)	41	(8.2)	37	7.4	159	(32.0)	0	(0.0)	**497**	**(2.5)**
I	591	(83.1)	3	(0.4)	12	1.7	105	(14.8)	0	(0.0)	**711**	**(3.6)**
K2	220	(75.3)	2	(0.7)	34	11.6	36	(12.3)	0	(0.0)	**292**	**(1.5)**
K3	374	(57.9)	24	(3.7)	34	5.3	214	(33.1)	0	(0.0)	**646**	**(3.3)**
L	190	(65.7)	9	(3.1)	40	13.8	50	(17.3)	0	(0.0)	**289**	**(1.5)**
M	202	(32.3)	85	(13.6)	95	15.2	243	(38.9)	0	(0.0)	**625**	**(3.1)**
N	255	(34.8)	10	(1.4)	18	2.5	450	(61.4)	0	(0.0)	**733**	**(3.7)**
O	280	(47.7)	26	(4.4)	146	24.9	135	(23.0)	0	(0.0)	**587**	**(3.0)**
P	667	(67.7)	26	(2.6)	76	7.7	216	(21.9)	0	(0.0)	**985**	**(5.0)**
Q	249	(34.0)	69	(9.4)	59	8.1	355	(48.5)	0	(0.0)	**732**	**(3.7)**
R	712	(77.7)	8	(0.9)	59	6.4	137	(15.0)	0	(0.0)	**916**	**(4.6)**
S	51	(17.3)	44	(15.0)	6	2	193	(65.6)	0	(0.0)	**294**	**(1.5)**
T	241	(39.4)	42	(6.9)	51	8.3	277	(45.3)	0	(0.0)	**611**	**(3.1)**
U	150	(47.0)	19	(6.0)	94	29.5	56	(17.6)	0	(0.0)	**319**	**(1.6)**
V	816	(60.3)	86	(6.4)	213	15.7	238	(17.6)	0	(0.0)	**1,353**	**(6.8)**
W	477	(65.9)	37	(5.1)	93	12.8	117	(16.2)	0	(0.0)	**724**	**(3.6)**
X1	231	(59.5)	10	(2.6)	61	15.7	86	(22.2)	0	(0.0)	**388**	**(2.0)**
X2	150	(40.4)	34	(9.2)	37	10	150	(40.4)	0	(0.0)	**371**	**(1.9)**
Y	179	(36.0)	107	(21.5)	68	13.7	143	(28.8)	0	(0.0)	**497**	**(2.5)**
Z	146	(35.9)	73	(17.9)	36	8.8	152	(37.3)	0	(0.0)	**407**	**(2.1)**
ZA	441	(49.2)	36	(4.0)	67	7.5	352	(39.3)	0	(0.0)	**896**	**(4.5)**
ZB	217	(41.6)	29	(5.6)	46	8.8	230	(44.1)	0	(0.0)	**522**	**(2.6)**
ZC	493	(48.1)	91	(8.9)	151	14.7	291	(28.4)	0	(0.0)	**1,026**	**(5.2)**
ZD	226	(51.7)	38	(8.7)	42	9.6	131	(30.0)	0	(0.0)	**437**	**(2.2)**
ZE	56	(12.8)	3	(0.7)	13	3	366	(83.6)	0	(0.0)	**438**	**(2.2)**
ZF	4	(6.1)	7	(10.6)	1	1.5	54	(81.8)	0	(0.0)	**66**	**(0.3)**
Total	**10,470**	**(52.7)**	**1,186**	**(6.0)**	**2,114**	**10.7**	**6,079**	**(30.6)**	**0**	**(0.0)**	**19,849**	**(100.0)**

Year / Organisation	VENTILATION STATUS											
	Invasive only		Non-invasive only		Both		Neither		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018												
A	204	(37.4)	39	(7.1)	6	1.1	297	(54.4)	0	(0.0)	**546**	**(2.7)**
C	189	(37.1)	75	(14.7)	42	8.2	204	(40.0)	0	(0.0)	**510**	**(2.5)**
D	327	(28.9)	63	(5.6)	43	3.8	700	(61.8)	0	(0.0)	**1,133**	**(5.6)**
E1	641	(59.9)	36	(3.4)	174	16.2	220	(20.5)	0	(0.0)	**1,071**	**(5.3)**
E2	527	(67.9)	20	(2.6)	141	18.2	88	(11.3)	0	(0.0)	**776**	**(3.9)**
F	800	(72.9)	17	(1.5)	106	9.7	174	(15.9)	0	(0.0)	**1,097**	**(5.4)**
H	289	(53.3)	39	(7.2)	39	7.2	175	(32.3)	0	(0.0)	**542**	**(2.7)**
I	543	(80.4)	9	(1.3)	14	2.1	109	(16.1)	0	(0.0)	**675**	**(3.4)**
K2	254	(78.4)	2	(0.6)	23	7.1	45	(13.9)	0	(0.0)	**324**	**(1.6)**
K3	345	(54.0)	36	(5.6)	41	6.4	217	(34.0)	0	(0.0)	**639**	**(3.2)**
L	146	(52.7)	26	(9.4)	45	16.2	60	(21.7)	0	(0.0)	**277**	**(1.4)**
M	215	(33.9)	95	(15.0)	79	12.5	245	(38.6)	0	(0.0)	**634**	**(3.1)**
N	255	(31.8)	6	(0.7)	11	1.4	531	(66.1)	0	(0.0)	**803**	**(4.0)**
O	261	(45.7)	35	(6.1)	133	23.3	142	(24.9)	0	(0.0)	**571**	**(2.8)**
P	660	(69.4)	20	(2.1)	96	10.1	175	(18.4)	0	(0.0)	**951**	**(4.7)**
Q	246	(33.1)	82	(11.0)	58	7.8	358	(48.1)	0	(0.0)	**744**	**(3.7)**
R	665	(75.8)	7	(0.8)	77	8.8	128	(14.6)	0	(0.0)	**877**	**(4.4)**
S	37	(11.6)	55	(17.3)	3	0.9	223	(70.1)	0	(0.0)	**318**	**(1.6)**
T	223	(39.8)	35	(6.2)	50	8.9	253	(45.1)	0	(0.0)	**561**	**(2.8)**
U	129	(40.2)	22	(6.9)	124	38.6	46	(14.3)	0	(0.0)	**321**	**(1.6)**
V	737	(60.9)	84	(6.9)	223	18.4	167	(13.8)	0	(0.0)	**1,211**	**(6.0)**
W	473	(66.1)	32	(4.5)	92	12.8	119	(16.6)	0	(0.0)	**716**	**(3.6)**
X1	262	(59.8)	10	(2.3)	64	14.6	102	(23.3)	0	(0.0)	**438**	**(2.2)**
X2	148	(37.9)	46	(11.8)	35	9	161	(41.3)	0	(0.0)	**390**	**(1.9)**
Y	175	(35.0)	103	(20.6)	48	9.6	174	(34.8)	0	(0.0)	**500**	**(2.5)**
Z	143	(36.1)	65	(16.4)	39	9.8	149	(37.6)	0	(0.0)	**396**	**(2.0)**
ZA	413	(48.4)	41	(4.8)	47	5.5	352	(41.3)	0	(0.0)	**853**	**(4.2)**
ZB	204	(40.7)	20	(4.0)	26	5.2	251	(50.1)	0	(0.0)	**501**	**(2.5)**
ZC	448	(43.8)	93	(9.1)	186	18.2	296	(28.9)	0	(0.0)	**1,023**	**(5.1)**
ZD	194	(47.9)	28	(6.9)	66	16.3	117	(28.9)	0	(0.0)	**405**	**(2.0)**
ZE	43	(17.2)	3	(1.2)	4	1.6	200	(80.0)	0	(0.0)	**250**	**(1.2)**
ZF	11	(12.0)	9	(9.8)	6	6.5	66	(71.7)	0	(0.0)	**92**	**(0.5)**
Total	**10,207**	**(50.7)**	**1,253**	**(6.2)**	**2,141**	**10.6**	**6,544**	**(32.5)**	**0**	**(0.0)**	**20,145**	**(100.0)**
Grand Total	**31,642**	**(52.5)**	**3,619**	**(6.0)**	**6,319**	**10.5**	**18,683**	**(31.0)**	**0**	**(0.0)**	**60,263**	**(100.0)**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) Ventilation status groups are mutually exclusive

3) PICANet defines non-invasive ventilatory support is defined as any method of ventilation not given via an endotracheal tube, laryngeal mask or tracheostomy. Non-invasive ventilation would include nasal prong or nasal / facial mask CPAP, nasal or facial BiPAP or negative pressure ventilation. It does not include high flow nasal cannula therapy.

TABLE 31a ADMISSIONS BY HIGH FLOW NASAL CANNULA THERAPY BY HEALTH ORGANISATION, 2016 - 2018

Tables 31a presents summary data relating to high flow nasal cannula therapy. The number of children (<16 years) who were admitted between 2016 and 2018 receiving high flow nasal cannula during their admission and the percentage of all admissions this represents are presented alongside the total number of days where high flow nasal cannula therapy was given. The median number of days of high flow nasal cannula therapy as well as the minimum and maximum number of days are also presented. These data are presented for each year by organisation.

Organisation	Total admissions	HIGH FLOW NASAL CANNULA THERAPY					
		High flow admissions n	(%)	Days	Median	Minimum	Maximum
2016							
A	**649**	77	(11.9)	219	9	2	35
C	**530**	34	(6.4)	87	8	2	15
D	**732**	42	(5.7)	114	15	3	50
E1	**991**	26	(2.6)	93	7	3	50
E2	**855**	16	(1.9)	44	18.5	5	70
F	**1,154**	0	(0.0)	0	0	0	0
H	**576**	128	(22.2)	386	12.5	2	45
I	**749**	223	(29.8)	581	12	4	40
K2	**312**	108	(34.6)	549	8	3	25
K3	**624**	132	(21.2)	419	6	1	30
L	**269**	22	(8.2)	45	8	2	40
M	**634**	21	(3.3)	98	10	4	40
N	**845**	261	(30.9)	777	14	3	50
O	**584**	7	(1.2)	17	14	6	33
P	**942**	211	(22.4)	503	7	2	45
Q	**721**	116	(16.1)	446	10	3	45
R	**881**	242	(27.5)	694	12	1	60
S	**163**	15	(9.2)	43	10	6	15
T	**599**	90	(15.0)	251	20	4	60
U	**329**	11	(3.3)	23	15	4	50
V	**1,409**	343	(24.3)	1,348	16	4	40
W	**697**	242	(34.7)	990	12	2	60
X1	**454**	90	(19.8)	308	7	1	20
X2	**398**	73	(18.3)	193	8	1	30
Y	**515**	107	(20.8)	402	20	3	40
Z	**391**	25	(6.4)	86	10	2	60
ZA	**971**	266	(27.4)	1,251	10	2	30
ZB	**557**	79	(14.2)	240	11	3	40
ZC	**1,031**	209	(20.3)	783	10	2	50
ZD	**370**	123	(33.2)	272	10	4	50
ZE	**249**	12	(4.8)	114	20	8	55
ZF	**87**	7	(8.0)	11	8	4	24
Total	**20,268**	**3,358**	**(16.6)**	**11,387**	**10**	**1**	**70**

Organisation	Total admissions	HIGH FLOW NASAL CANNULA THERAPY					
		High flow admissions		Days	Median	Minimum	Maximum
		n	(%)				
2017							
A	**615**	115	(18.7)	268	9	3	40
C	**493**	29	(5.9)	47	8	5	24
D	**579**	111	(19.2)	336	16	2	60
E1	**951**	264	(27.8)	957	8	2	60
E2	**764**	147	(19.2)	472	10	2	66
F	**1,085**	0	(0.0)	0	0	0	0
H	**497**	96	(19.3)	377	15	1	45
I	**711**	225	(31.6)	546	12	5	40
K2	**292**	121	(41.4)	613	9	2	30
K3	**646**	153	(23.7)	431	8	2	70
L	**289**	24	(8.3)	62	15	2	60
M	**625**	59	(9.4)	155	12	2	35
N	**733**	166	(22.6)	452	17	4	60
O	**587**	105	(17.9)	510			
P	**985**	241	(24.5)	532	8	1	60
Q	**732**	188	(25.7)	639	15	1	60
R	**916**	234	(25.5)	630	12	1	80
S	**294**	62	(21.1)	265	8	3	20
T	**611**	92	(15.1)	259	20	5	60
U	**319**	1	(0.3)	2	45	45	45
V	**1,353**	360	(26.6)	1,009	15	4	40
W	**724**	266	(36.7)	1,076	12	2	55
X1	**388**	118	(30.4)	544	8	1	30
X2	**371**	72	(19.4)	219	9	1	40
Y	**497**	104	(20.9)	272	18	6	60
Z	**407**	28	(6.9)	85	20	1	50
ZA	**896**	318	(35.5)	1,404	10	3	30
ZB	**522**	86	(16.5)	304	12	2	40
ZC	**1,026**	329	(32.1)	1,229	11	2	60
ZD	**437**	147	(33.6)	411	14	4	50
ZE	**438**	10	(2.3)	29	15	6	30
ZF	**66**	2	(3.0)	27	25	10	25
Total	**19,849**	**4,273**	**(21.5)**	**14,162**	**10**	**1**	**80**

Organisation	Total admissions	HIGH FLOW NASAL CANNULA THERAPY High flow admissions n	(%)	Days	Median	Minimum	Maximum
2018							
A	**546**	89	(16.3)	215	15	2	50
C	**510**	31	(6.1)	54	15.5	4	40
D	**1,133**	259	(22.9)	1,470	21	1	60
E1	**1,071**	289	(27.0)	961	8	2	70
E2	**776**	232	(29.9)	733	12	2	70
F	**1,097**	0	(0.0)	0	0	0	0
H	**542**	130	(24.0)	371	12	1	50
I	**675**	253	(37.5)	666	12	5	40
K2	**324**	140	(43.2)	613	10	2	40
K3	**639**	154	(24.1)	421	9	2	50
L	**277**	24	(8.7)	59	14.5	4	100
M	**634**	80	(12.6)	191	11	1	60
N	**803**	205	(25.5)	582	17	3	60
O	**569**	110	(19.3)	458			
P	**951**	249	(26.2)	530	8	2	80
Q	**744**	179	(24.1)	578	15	1	60
R	**877**	248	(28.3)	616	10	1	60
S	**318**	75	(23.6)	275	10	4	30
T	**561**	88	(15.7)	327	20	5	60
U	**321**	15	(4.7)	27	26	4	50
V	**1,211**	338	(27.9)	1,093	20	4	40
W	**716**	223	(31.1)	745	12	2	50
X1	**438**	119	(27.2)	601	6	1	40
X2	**390**	112	(28.7)	377	9	2	40
Y	**500**	92	(18.4)	257	20	5	60
Z	**396**	10	(2.5)	23	20	10	40
ZA	**853**	356	(41.7)	1,677	12	3	40
ZB	**501**	126	(25.1)	477	12	1	50
ZC	**1,023**	351	(34.3)	1,444	10	1	60
ZD	**405**	176	(43.5)	478	17	4	60
ZE	**250**	5	(2.0)	34	10	10	40
ZF	**92**	12	(13.0)	65	4	4	20
Total	**20,143**	**4,770**	**(23.7)**	**16,418**	**12**	**1**	**100**
Grand Total	**60,260**	**12,401**	**(20.6)**	**41,967**	**12**	**1**	**100**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=1)

2) A blank cell means data are not currently available

3) Number of days receiving high flow nasal cannula therapy was calculated in whole days.

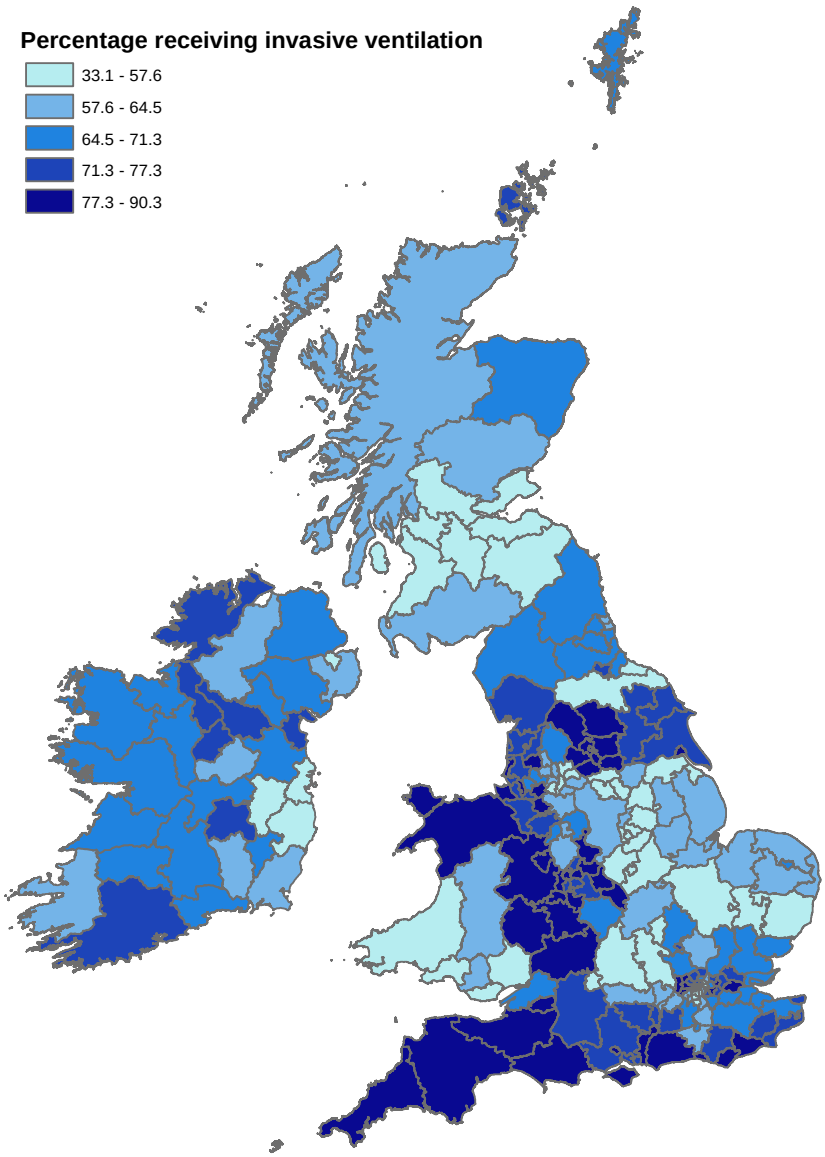
4) Where maximum daily flow for high flow nasal cannula is recorded as 0 l/min or unknown, it was assumed that no high flow nasal cannula therapy was given.

FIGURE 31b PERCENTAGE OF CHILDREN RECEIVING INVASIVE VENTILATION BY CCG/HB/COUNTY IN THE UNITED KINGDOM AND REPUBLIC OF IRELAND, 2016 - 2018

This maps show the percentage of children receiving invasive ventilation by healthcare area. Each country uses different names for these healthcare areas: England has Clinical Commissioning Groups (CCG); Scotland and Wales have Health Boards (HB); Northern Ireland has Health and Social Care Trusts (HSCT). Healthcare area population data were not available for the Republic of Ireland and so we used County instead to present these data. Healthcare area was assigned based on patient residence.

The proportion of children invasively ventilated has been used as a proxy for level of care as invasive ventilation indicates a higher level of care requirement.

The key on the left hand side of the map shows the values each colour represents so any regions shaded the lightest colour means that between 33.1% and 57.6% of children admitted to PICU in the reporting period received invasive ventilation. Darker shading indicates a higher invasive ventilation rate.



Notes

1) For healthcare areas key, please see the REFERENCE MAP

2) Based on healthcare area of residence

3) For children treated in England, Scotland or Wales, postcode is used to identify the patient's healthcare area based on residence.

4) For patients treated in Northern Ireland only the patient's country of residence was available for 2018 therefore data presented above for Northern Ireland are for 2016 and 2017 only. We validated address data for Northern Ireland through manual data checking, with units being asked to confirm the country of residence and, where applicable, healthcare area, assigned in our analysis.

5) For patients treated in the Republic of Ireland the patient's county and country of residence are provided. We have validated address data for the Republic of Ireland through manual data checking, with units being asked to confirm the county of residence assigned in our analysis.

BED ACTIVITY AND LENGTH OF STAY

This report presents data on bed days, bed census, bed activity and length of stay data.

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TABLE 32 BED DAYS BY AGE AND SEX, 2016 - 2018

Tables 32 presents data on total bed days delivered during the reporting period, by sex and year of age of the child.

For this table, and Figure 32 below, children admitted prior to the report period, but discharged during it, are counted from 00:00 on 1 January 2016 until their discharge (or until 23:59 on 31 December 2018 if not discharged). Children admitted during the report period but discharged in 2019 (or who are still on the PICU) are counted from their admission date until 23:59 on 31 December 2018.

Rows in this table show the number of bed days for male, female and ambiguous sex children, in the reporting period, for each year of age.

The percentages in the white columns show row percentages, i.e. what proportion of bed days were for children of each sex, for each year of age. The percentages in the "Total" column show column percentages, i.e. what proportion of all bed days were accounted for by children of each year of age.

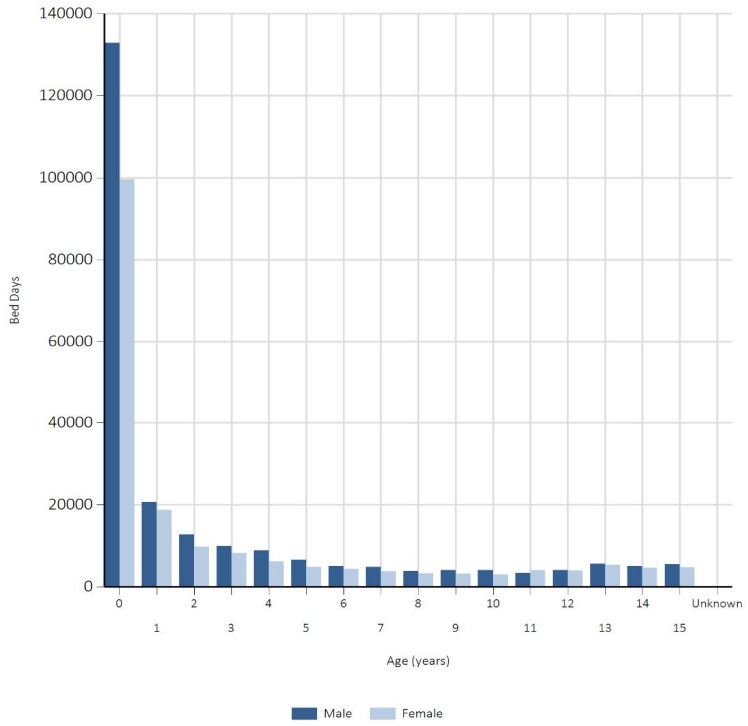
Age Years	SEX							
	Male		Female		Ambiguous		Total	
	n	(%)	n	(%)	n	(%)	n	(%)
0	132,880	(57.1)	99,579	(42.8)	65	(0.0)	**232,524**	**(54.6)**
1	20,722	(52.5)	18,761	(47.5)	0	(0.0)	**39,483**	**(9.3)**
2	12,794	(56.7)	9,755	(43.3)	4	(0.0)	**22,553**	**(5.3)**
3	10,013	(54.8)	8,268	(45.2)	1	(0.0)	**18,282**	**(4.3)**
4	8,954	(59.1)	6,205	(40.9)	0	(0.0)	**15,159**	**(3.6)**
5	6,637	(57.9)	4,832	(42.1)	3	(0.0)	**11,472**	**(2.7)**
6	5,056	(53.7)	4,364	(46.3)	4	(0.0)	**9,424**	**(2.2)**
7	4,840	(56.1)	3,795	(43.9)	0	(0.0)	**8,635**	**(2.0)**
8	3,923	(54.1)	3,323	(45.9)	0	(0.0)	**7,246**	**(1.7)**
9	4,064	(55.8)	3,219	(44.2)	0	(0.0)	**7,283**	**(1.7)**
10	4,106	(57.5)	3,037	(42.5)	0	(0.0)	**7,143**	**(1.7)**
11	3,401	(45.3)	4,114	(54.7)	0	(0.0)	**7,515**	**(1.8)**
12	4,103	(50.6)	4,009	(49.4)	0	(0.0)	**8,112**	**(1.9)**
13	5,602	(51.3)	5,317	(48.7)	0	(0.0)	**10,919**	**(2.6)**
14	5,095	(52.1)	4,677	(47.9)	0	(0.0)	**9,772**	**(2.3)**
15	5,526	(53.5)	4,808	(46.5)	0	(0.0)	**10,334**	**(2.4)**
Unknown	4	(40.0)	6	(60.0)	0	(0.0)	**10**	**(0.0)**
Total	**237,720**	**(55.8)**	**188,069**	**(44.2)**	**77**	**(0.0)**	**425,866**	**(100.0)**

Notes

1) The total number of bed days delivered is calculated as the sum of children receiving intensive care in a PICU each day.

FIGURE 32 BED DAYS BY AGE AND SEX, 2016 - 2018

Figure 32 shows the number of bed days, by gender, for the whole reporting period combined, for males and females.



Notes

1) The total number of bed days delivered is calculated as the sum of children receiving intensive care in a PICU each day.

2) Some children who are being cared for at home are not necessarily immediately discharged from PICU, instead a bed is kept open until discharge, this may be true for a very small amount of the bed days recorded.

TABLE 33 BED DAYS BY AGE, BY HEALTH ORGANISATION, 2016 - 2018

Tables 33 presents data on total bed days delivered during the reporting period, by age group in years, for each organisation, for each year of the reporting period.

For this table children admitted prior to the report period, but discharged during it, are counted from 00:00 on 1 January 2016 until their discharge (or until 23:59 on 31 December 2018 if not discharged). Children admitted during the report period but discharged in 2019 (or who are still on the PICU) are counted from their admission date until 23:59 on 31 December 2018.

Rows in this table show the number of bed days for children in each age group, for each organisation and for each year in the reporting period.

The percentages in the white columns show row percentages, i.e. what proportion of bed days were for children in each age group, for each organisation. The percentages in the 'Total' column show column percentages, i.e. what proportion of all bed days were accounted for by admissions at each organisation.

Year / Organisation	AGE GROUP (YEARS) <1 n	<1 (%)	1-4 n	1-4 (%)	5-10 n	5-10 (%)	11-15 n	11-15 (%)	Total n	Total (%)
2016										
A	1,362	(34.2)	1,099	(27.6)	928	(23.3)	594	(14.9)	**3,983**	**(2.8)**
C	1,279	(46.4)	674	(24.4)	455	(16.5)	349	(12.7)	**2,757**	**(1.9)**
D	2,488	(41.9)	1,679	(28.3)	843	(14.2)	923	(15.6)	**5,933**	**(4.1)**
E1	4,836	(59.9)	1,531	(19.0)	1,004	(12.4)	706	(8.7)	**8,077**	**(5.6)**
E2	4,656	(64.2)	1,512	(20.8)	391	(5.4)	694	(9.6)	**7,253**	**(5.0)**
F	4,237	(61.7)	1,244	(18.1)	750	(10.9)	635	(9.2)	**6,866**	**(4.8)**
H	2,271	(46.4)	1,402	(28.6)	793	(16.2)	431	(8.8)	**4,897**	**(3.4)**
I	2,279	(49.5)	1,189	(25.8)	581	(12.6)	553	(12.0)	**4,602**	**(3.2)**
K2	2,164	(59.4)	806	(22.1)	369	(10.1)	303	(8.3)	**3,642**	**(2.5)**
K3	1,982	(53.0)	845	(22.6)	520	(13.9)	393	(10.5)	**3,740**	**(2.6)**
L	989	(58.3)	335	(19.7)	206	(12.1)	167	(9.8)	**1,697**	**(1.2)**
M	2,444	(59.0)	896	(21.6)	342	(8.3)	459	(11.1)	**4,141**	**(2.9)**
N	1,888	(38.1)	1,571	(31.7)	904	(18.3)	590	(11.9)	**4,953**	**(3.4)**
O	4,604	(75.2)	878	(14.3)	386	(6.3)	255	(4.2)	**6,123**	**(4.2)**
P	4,861	(73.1)	978	(14.7)	487	(7.3)	323	(4.9)	**6,649**	**(4.6)**
Q	2,166	(40.5)	1,544	(28.9)	597	(11.2)	1,039	(19.4)	**5,346**	**(3.7)**
R	3,052	(62.3)	860	(17.6)	605	(12.3)	382	(7.8)	**4,899**	**(3.4)**
S	390	(41.4)	249	(26.5)	162	(17.2)	140	(14.9)	**941**	**(0.7)**
T	898	(25.3)	1,554	(43.8)	569	(16.1)	523	(14.8)	**3,544**	**(2.5)**
U	1,212	(43.4)	785	(28.1)	431	(15.4)	366	(13.1)	**2,794**	**(1.9)**
V	6,400	(55.5)	2,675	(23.2)	1,458	(12.7)	992	(8.6)	**11,525**	**(8.0)**
W	3,099	(58.3)	1,169	(22.0)	735	(13.8)	309	(5.8)	**5,312**	**(3.7)**
X1	1,918	(78.1)	234	(9.5)	194	(7.9)	110	(4.5)	**2,456**	**(1.7)**
X2	990	(50.3)	436	(22.2)	407	(20.7)	134	(6.8)	**1,967**	**(1.4)**
Y	1,737	(40.5)	1,470	(34.3)	549	(12.8)	531	(12.4)	**4,287**	**(3.0)**
Z	926	(43.9)	573	(27.2)	293	(13.9)	318	(15.1)	**2,110**	**(1.5)**
ZA	3,775	(56.1)	1,702	(25.3)	623	(9.3)	633	(9.4)	**6,733**	**(4.7)**
ZB	2,028	(58.3)	776	(22.3)	358	(10.3)	318	(9.1)	**3,480**	**(2.4)**
ZC	5,677	(73.4)	1,016	(13.1)	576	(7.4)	469	(6.1)	**7,738**	**(5.4)**
ZD	1,419	(55.0)	651	(25.2)	367	(14.2)	144	(5.6)	**2,581**	**(1.8)**
ZE	745	(43.0)	253	(14.6)	447	(25.8)	289	(16.7)	**1,734**	**(1.2)**
ZF	781	(44.9)	470	(27.0)	119	(6.8)	369	(21.2)	**1,739**	**(1.2)**
Total	**79,553**	**(55.1)**	**33,056**	**(22.9)**	**17,449**	**(12.1)**	**14,441**	**(10.0)**	**144,499**	**(100.0)**

Year / Organisation	AGE GROUP (YEARS) <1 n	(%)	1-4 n	(%)	5-10 n	(%)	11-15 n	(%)	Total n	(%)
2017										
A	908	(29.1)	919	(29.4)	484	(15.5)	810	(26.0)	**3,121**	**(2.2)**
C	1,182	(48.2)	700	(28.6)	344	(14.0)	225	(9.2)	**2,451**	**(1.8)**
D	2,140	(41.7)	1,569	(30.6)	646	(12.6)	780	(15.2)	**5,135**	**(3.7)**
E1	5,255	(62.8)	1,684	(20.1)	718	(8.6)	710	(8.5)	**8,367**	**(6.0)**
E2	4,860	(65.5)	1,397	(18.8)	568	(7.6)	600	(8.1)	**7,425**	**(5.3)**
F	4,090	(60.3)	995	(14.7)	613	(9.0)	1,089	(16.0)	**6,787**	**(4.9)**
H	1,966	(38.5)	1,510	(29.6)	1,117	(21.9)	513	(10.0)	**5,106**	**(3.7)**
I	2,283	(53.3)	1,125	(26.3)	384	(9.0)	492	(11.5)	**4,284**	**(3.1)**
K2	1,485	(53.6)	718	(25.9)	370	(13.4)	195	(7.0)	**2,768**	**(2.0)**
K3	2,445	(63.4)	650	(16.9)	370	(9.6)	392	(10.2)	**3,857**	**(2.8)**
L	746	(49.6)	396	(26.3)	186	(12.4)	176	(11.7)	**1,504**	**(1.1)**
M	2,326	(55.4)	1,023	(24.4)	424	(10.1)	428	(10.2)	**4,201**	**(3.0)**
N	1,733	(38.8)	1,135	(25.4)	848	(19.0)	755	(16.9)	**4,471**	**(3.2)**
O	4,534	(76.5)	911	(15.4)	300	(5.1)	181	(3.1)	**5,926**	**(4.3)**
P	4,441	(64.4)	1,433	(20.8)	554	(8.0)	469	(6.8)	**6,897**	**(5.0)**
Q	2,012	(45.0)	1,209	(27.0)	651	(14.6)	599	(13.4)	**4,471**	**(3.2)**
R	2,869	(60.3)	995	(20.9)	537	(11.3)	358	(7.5)	**4,759**	**(3.4)**
S	441	(33.6)	285	(21.7)	186	(14.2)	402	(30.6)	**1,314**	**(0.9)**
T	1,155	(34.2)	962	(28.5)	651	(19.3)	608	(18.0)	**3,376**	**(2.4)**
U	1,232	(49.8)	473	(19.1)	462	(18.7)	306	(12.4)	**2,473**	**(1.8)**
V	6,513	(55.9)	2,677	(23.0)	1,212	(10.4)	1,242	(10.7)	**11,644**	**(8.4)**
W	3,490	(63.4)	1,030	(18.7)	482	(8.8)	499	(9.1)	**5,501**	**(4.0)**
X1	1,922	(76.2)	360	(14.3)	150	(5.9)	90	(3.6)	**2,522**	**(1.8)**
X2	1,203	(59.3)	338	(16.7)	402	(19.8)	84	(4.1)	**2,027**	**(1.5)**
Y	1,877	(44.6)	1,197	(28.5)	614	(14.6)	518	(12.3)	**4,206**	**(3.0)**
Z	818	(39.1)	657	(31.4)	319	(15.3)	296	(14.2)	**2,090**	**(1.5)**
ZA	3,582	(54.6)	1,410	(21.5)	873	(13.3)	697	(10.6)	**6,562**	**(4.7)**
ZB	2,072	(56.1)	830	(22.5)	494	(13.4)	299	(8.1)	**3,695**	**(2.7)**
ZC	5,254	(71.0)	984	(13.3)	624	(8.4)	540	(7.3)	**7,402**	**(5.3)**
ZD	860	(39.0)	497	(22.5)	478	(21.7)	370	(16.8)	**2,205**	**(1.6)**
ZE	722	(40.6)	320	(18.0)	295	(16.6)	442	(24.8)	**1,779**	**(1.3)**
ZF	569	(69.1)	70	(8.5)	102	(12.4)	83	(10.1)	**824**	**(0.6)**
Total	**76,985**	**(55.3)**	**30,459**	**(21.9)**	**16,458**	**(11.8)**	**15,248**	**(11.0)**	**139,150**	**(100.0)**

Year / Organisation	AGE GROUP (YEARS) <1 n	<1 (%)	1-4 n	1-4 (%)	5-10 n	5-10 (%)	11-15 n	11-15 (%)	Total n	Total (%)
2018										
A	1,089	(34.1)	684	(21.4)	436	(13.7)	985	(30.8)	**3,194**	**(2.2)**
C	860	(34.3)	859	(34.2)	412	(16.4)	378	(15.1)	**2,509**	**(1.8)**
D	3,054	(37.6)	2,149	(26.4)	1,488	(18.3)	1,441	(17.7)	**8,132**	**(5.7)**
E1	5,085	(61.3)	1,543	(18.6)	908	(10.9)	763	(9.2)	**8,299**	**(5.8)**
E2	4,154	(57.7)	1,651	(22.9)	493	(6.8)	907	(12.6)	**7,205**	**(5.1)**
F	4,330	(64.4)	1,260	(18.7)	640	(9.5)	492	(7.3)	**6,722**	**(4.7)**
H	1,215	(27.8)	1,480	(33.8)	774	(17.7)	904	(20.7)	**4,373**	**(3.1)**
I	2,376	(57.1)	889	(21.4)	436	(10.5)	458	(11.0)	**4,159**	**(2.9)**
K2	2,086	(59.8)	785	(22.5)	429	(12.3)	188	(5.4)	**3,488**	**(2.5)**
K3	2,360	(60.1)	757	(19.3)	405	(10.3)	404	(10.3)	**3,926**	**(2.8)**
L	768	(50.4)	328	(21.5)	155	(10.2)	274	(18.0)	**1,525**	**(1.1)**
M	2,376	(52.7)	1,143	(25.4)	421	(9.3)	566	(12.6)	**4,506**	**(3.2)**
N	1,255	(30.1)	1,382	(33.1)	656	(15.7)	877	(21.0)	**4,170**	**(2.9)**
O	4,111	(72.6)	766	(13.5)	459	(8.1)	324	(5.7)	**5,660**	**(4.0)**
P	4,916	(68.6)	1,381	(19.3)	495	(6.9)	372	(5.2)	**7,164**	**(5.0)**
Q	1,955	(43.0)	1,404	(30.9)	729	(16.0)	462	(10.2)	**4,550**	**(3.2)**
R	2,696	(55.1)	1,165	(23.8)	646	(13.2)	389	(7.9)	**4,896**	**(3.4)**
S	599	(43.5)	434	(31.5)	134	(9.7)	211	(15.3)	**1,378**	**(1.0)**
T	1,615	(40.0)	952	(23.6)	759	(18.8)	712	(17.6)	**4,038**	**(2.8)**
U	1,332	(46.8)	839	(29.5)	364	(12.8)	313	(11.0)	**2,848**	**(2.0)**
V	5,961	(54.6)	2,146	(19.7)	1,592	(14.6)	1,209	(11.1)	**10,908**	**(7.7)**
W	3,051	(59.2)	1,143	(22.2)	441	(8.5)	523	(10.1)	**5,158**	**(3.6)**
X1	2,414	(81.0)	325	(10.9)	123	(4.1)	117	(3.9)	**2,979**	**(2.1)**
X2	1,164	(55.3)	368	(17.5)	318	(15.1)	254	(12.1)	**2,104**	**(1.5)**
Y	1,605	(42.7)	824	(21.9)	765	(20.4)	563	(15.0)	**3,757**	**(2.6)**
Z	1,018	(42.9)	679	(28.6)	319	(13.4)	358	(15.1)	**2,374**	**(1.7)**
ZA	3,793	(57.8)	1,510	(23.0)	723	(11.0)	538	(8.2)	**6,564**	**(4.6)**
ZB	1,522	(46.4)	923	(28.1)	369	(11.2)	468	(14.3)	**3,282**	**(2.3)**
ZC	5,267	(68.4)	1,124	(14.6)	624	(8.1)	687	(8.9)	**7,702**	**(5.4)**
ZD	854	(37.9)	573	(25.5)	482	(21.4)	342	(15.2)	**2,251**	**(1.6)**
ZE	667	(53.7)	197	(15.9)	148	(11.9)	229	(18.5)	**1,241**	**(0.9)**
ZF	438	(38.3)	299	(26.1)	153	(13.4)	255	(22.3)	**1,145**	**(0.8)**
Total	**75,986**	**(53.4)**	**31,962**	**(22.5)**	**17,296**	**(12.2)**	**16,963**	**(11.9)**	**142,207**	**(100.0)**
Grand Total	**232,524**	**(54.6)**	**95,477**	**(22.4)**	**51,203**	**(12.0)**	**46,652**	**(11.0)**	**425,856**	**(100.0)**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) The total number of bed days delivered is calculated as the sum of children receiving intensive care in a PICU each day.

3) Analysis only includes children resident in England, Wales, Scotland, Northern Ireland or the Republic of Ireland

4) Some children who are being cared for at home are not necessarily immediately discharged from PICU, instead a bed is kept open until discharge, this may be true for a very small amount of the bed days recorded.

TABLE 33a BED DAYS BY COUNTRY OF ADMISSION, 2016 - 2018

Table 33a presents data on total bed days delivered by country of admitting PICU, for each year of the reporting period.

For this table children admitted prior to the report period, but discharged during it, are counted from 00:00 on 1 January 2016 until their discharge (or until 23:59 on 31 December 2018 if not discharged). Children admitted during the report period but discharged in 2019 (or who are still on the PICU) are counted from their admission date until 23:59 on 31 December 2018.

Rows in this table show the number of bed days for children admitted to PICUs in each country, for each year in the reporting period.

The percentages in the white columns show column percentages, i.e. what proportion of bed days in each year of the reporting period, were for children admitted to PICUs in each country. The percentages in the 'Total' column show column percentages, i.e. what proportion of all bed days over the reporting period were accounted for by admissions in each country.

	2016		2017		2018		Total	
Country of PICU	n	(%)	n	(%)	n	(%)	n	(%)
England	116,923	(80.9)	112,629	(80.9)	116,142	(81.7)	**345,694**	**(81.2)**
Scotland	11,020	(7.6)	10,768	(7.7)	10,321	(7.3)	**32,109**	**(7.5)**
Northern Ireland	3,480	(2.4)	3,695	(2.7)	3,282	(2.3)	**10,457**	**(2.5)**
Wales	2,757	(1.9)	2,451	(1.8)	2,509	(1.8)	**7,717**	**(1.8)**
Republic of Ireland	10,319	(7.1)	9,607	(6.9)	9,953	(7.0)	**29,879**	**(7.0)**
Total	**144,499**	**(100.0)**	**139,150**	**(100.0)**	**142,207**	**(100.0)**	**425,856**	**(100.0)**

Notes

1) Children of unknown age are excluded from this table (n=3)

2) All percentages are column percentages; no row percentages are presented in this table.

3) Some children who are being cared for at home are not necessarily immediately discharged from PICU, instead a bed is kept open until discharge, this may be true for a very small amount of the bed days recorded.

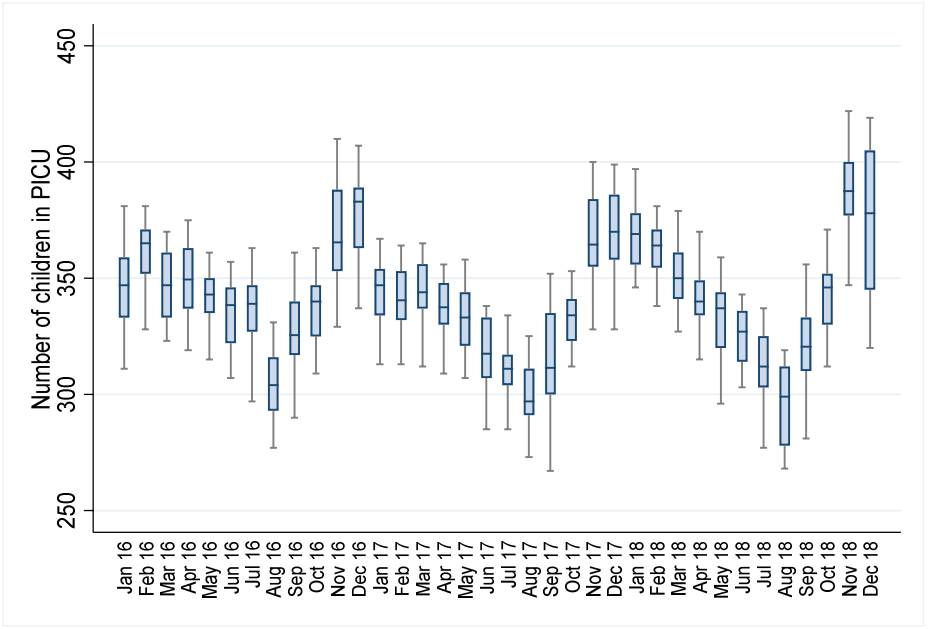
TABLE 34 BED CENSUS BY MONTH, ALL ADMISSIONS, 2016 - 2018

Tables 34 presents summary data, by year and month, for each year of the reporting period, by month of admission, for data collected in a bed census: the number of children present in a PICU bed at 10 minutes past midnight. All admissions to PICU are included in this table, including patients aged 16 year or over and patients of unknown age.

Figure 34 shows bed census data across time over the three year reporting period, plotted using a box and whisker graph by month and year. This type of graph indicates the median by a line within the coloured box, the ends of which give the IQR. The lines ('whiskers') indicate values beyond the IQRs, although extreme outside values are not plotted.

Year / Month	Number in PICU Median	IQR
2016		
1	347	333-359
2	365	352-371
3	347	333-361
4	349.5	337-363
5	343	335-350
6	338.5	322-346
7	339	327-347
8	304	293-316
9	325.5	317-340
10	340	325-347
11	365.5	353-388
12	383	363-389
2017		
1	347	334-354
2	340.5	332-353
3	344	337-356
4	337.5	330-348
5	333	321-344
6	317.5	307-333
7	311	304-317
8	297	291-311
9	311.5	300-335
10	334	323-341
11	364.5	355-384
12	370	358-386
2018		
1	369	356-378
2	364	354.5-371
3	350	341-361
4	340	334-349
5	337	320-344
6	327	314-336
7	312	303-325
8	299	278-312
9	320.5	310-333
10	346	330-352
11	387.5	377-400
12	378	345-405

FIGURE 34 BED CENSUS BY MONTH, ALL ADMISSIONS, 2016 - 2018



Notes

1) Patients aged 16 years and over are included in this table & figure
2) Children with unknown age are included in this table & figure
3) IQR = interquartile range
4) Some children who are being cared for at home are not necessarily immediately discharged from PICU, instead a bed is kept open until discharge, this may be true for a very small amount of the bed days recorded.

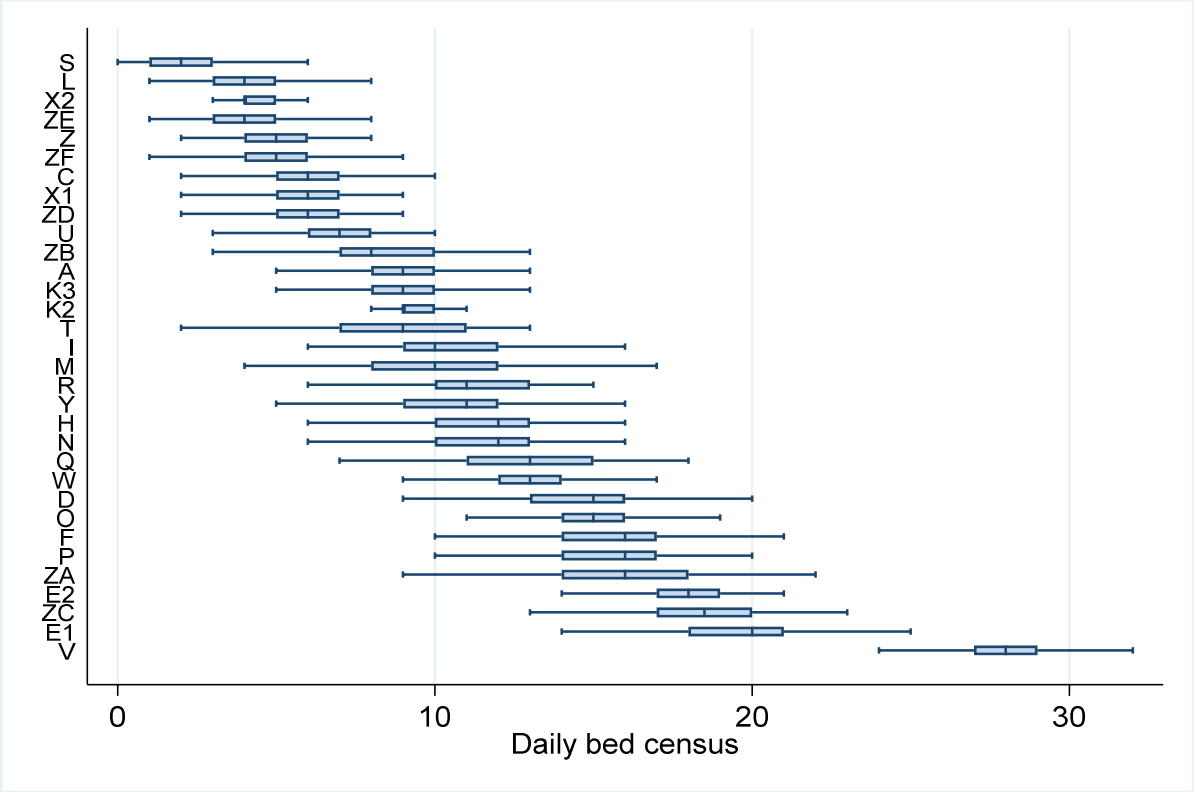
TABLE 35 BED CENSUS BY HEALTH ORGANISATION, ALL ADMISSIONS, 2016 - 2018

Tables 35 presents summary data, by year and month, for each year of the reporting period, by organisation, for data collected in a bed census: the number of children present in a PICU bed at 10 minutes past midnight. All admissions to PICU are included in this table, including patients aged 16 year or over and patients of unknown age.

Figure 35a shows bed census data by organisation for admissions in 2016, plotted using a box and whisker graph. This type of graph indicates the median by a line within the coloured box, the ends of which give the IQR. The lines ('whiskers') indicate values beyond the IQRs, although extreme outside values are not plotted. Figure 35b and 35c present analogous data for 2017 and 2018 respectively.

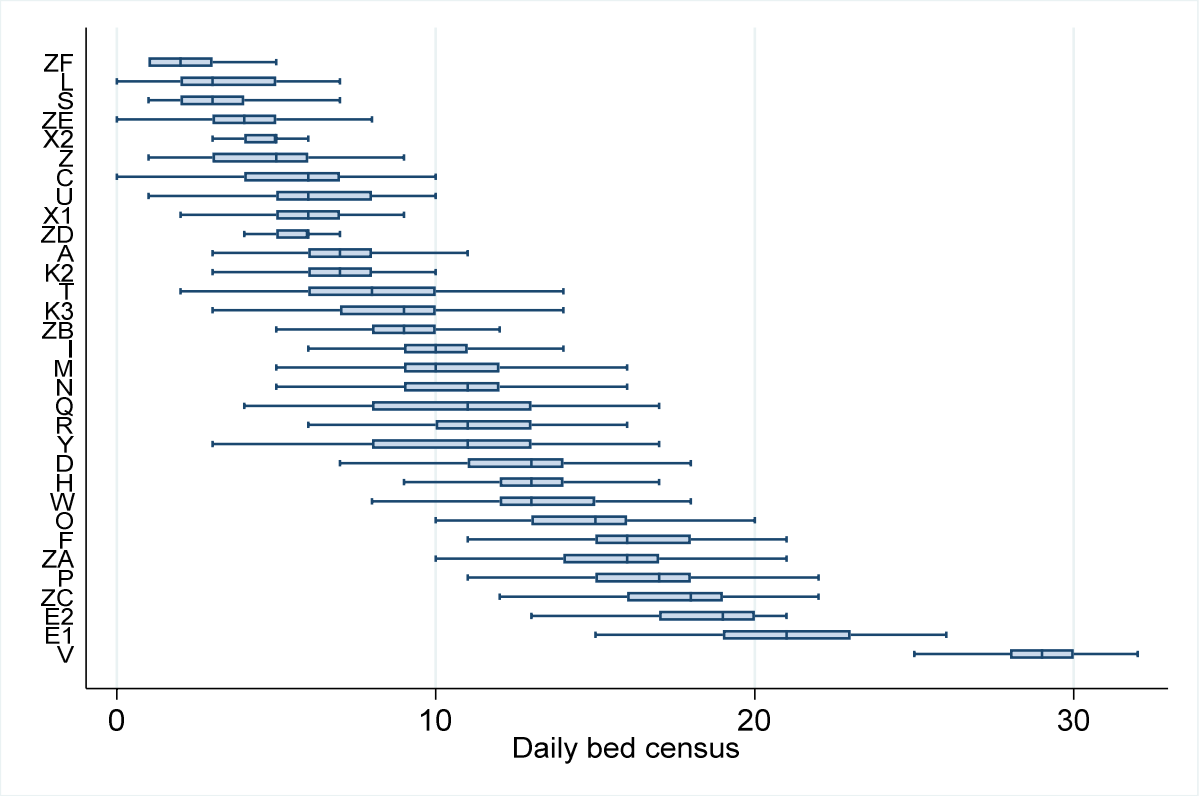
	Number in PICU	
Year / Organisation	Median	IQR
2016		
A	9.0	8-10
C	6.0	5-7
D	15.0	13-16
E1	20.0	18-21
E2	18.0	17-19
F	16.0	14-17
H	12.0	10-13
I	10.0	9-12
K2	9.0	9-10
K3	9.0	8-10
L	4.0	3-5
M	10.0	8-12
N	12.0	10-13
O	15.0	14-16
P	16.0	14-17
Q	13.0	11-15
R	11.0	10-13
S	2.0	1-3
T	9.0	7-11
U	7.0	6-8
V	28.0	27-29
W	13.0	12-14
X1	6.0	5-7
X2	4.0	4-5
Y	11.0	9-12
Z	5.0	4-6
ZA	16.0	14-18
ZB	8.0	7-10
ZC	18.5	17-20
ZD	6.0	5-7
ZE	4.0	3-5
ZF	5.0	4-6

FIGURE 35a BED CENSUS BY HEALTH ORGANISATION, ALL ADMISSIONS, 2016



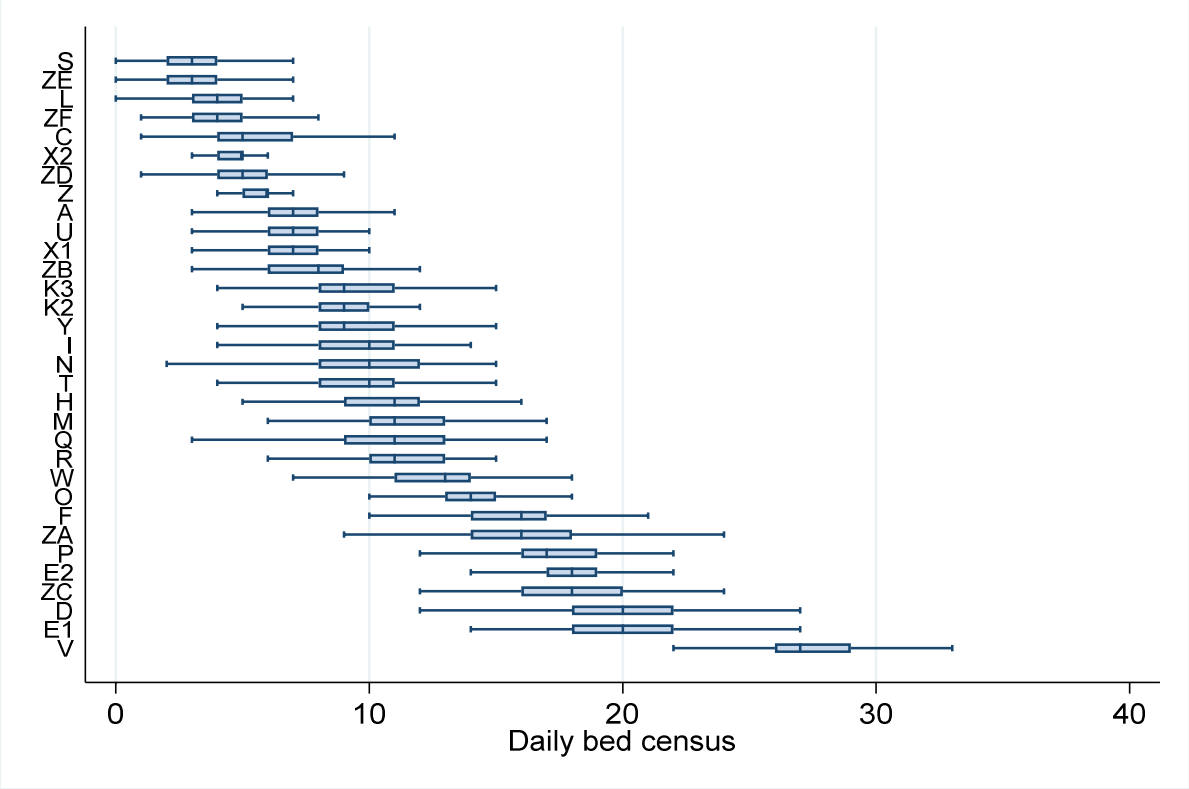
Year / Organisation	Number in PICU Median	IQR
2017		
A	7.0	6-8
C	6.0	4-7
D	13.0	11-14
E1	21.0	19-23
E2	19.0	17-20
F	16.0	15-18
H	13.0	12-14
I	10.0	9-11
K2	7.0	6-8
K3	9.0	7-10
L	3.0	2-5
M	10.0	9-12
N	11.0	9-12
O	15.0	13-16
P	17.0	15-18
Q	11.0	8-13
R	11.0	10-13
S	3.0	2-4
T	8.0	6-10
U	6.0	5-8
V	29.0	28-30
W	13.0	12-15
X1	6.0	5-7
X2	5.0	4-5
Y	11.0	8-13
Z	5.0	3-6
ZA	16.0	14-17
ZB	9.0	8-10
ZC	18.0	16-19
ZD	6.0	5-6
ZE	4.0	3-5
ZF	2.0	1-3

FIGURE 35b BED CENSUS BY HEALTH ORGANISATION, ALL ADMISSIONS, 2017



Year / Organisation	Number in PICU Median	IQR
2018		
A	7.0	6-8
C	5.0	4-7
D	20.0	18-22
E1	20.0	18-22
E2	18.0	17-19
F	16.0	14-17
H	11.0	9-12
I	10.0	8-11
K2	9.0	8-10
K3	9.0	8-11
L	4.0	3-5
M	11.0	10-13
N	10.0	8-12
O	14.0	13-15
P	17.0	16-19
Q	11.0	9-13
R	11.0	10-13
S	3.0	2-4
T	10.0	8-11
U	7.0	6-8
V	27.0	26-29
W	13.0	11-14
X1	7.0	6-8
X2	5.0	4-5
Y	9.0	8-11
Z	6.0	5-6
ZA	16.0	14-18
ZB	8.0	6-9
ZC	18.0	16-20
ZD	5.0	4-6
ZE	3.0	2-4
ZF	4.0	3-5

FIGURE 35c BED CENSUS BY HEALTH ORGANISATION, ALL ADMISSIONS, 2018



Notes

1) Patients aged 16 years and over are included in this table & these figures

2) Children with unknown age are included in this table & these figures

3) IQR = interquartile range

4) Some children who are being cared for at home are not necessarily immediately discharged from PICU, instead a bed is kept open until discharge, this may be true for a very small amount of the bed days recorded.

TABLE 36 BED ACTIVITY BY MONTH, ALL ADMISSIONS, 2016 - 2018

Here we present data we describe as bed activity, where a bed is counted as occupied if a child was present on a unit for any part of a day. This inevitably results in higher figures than the bed census data as a bed may have more than one child occupying it in any one day. All admissions to PICU are included in this table including patients aged 16 year or over and patients of unknown age.

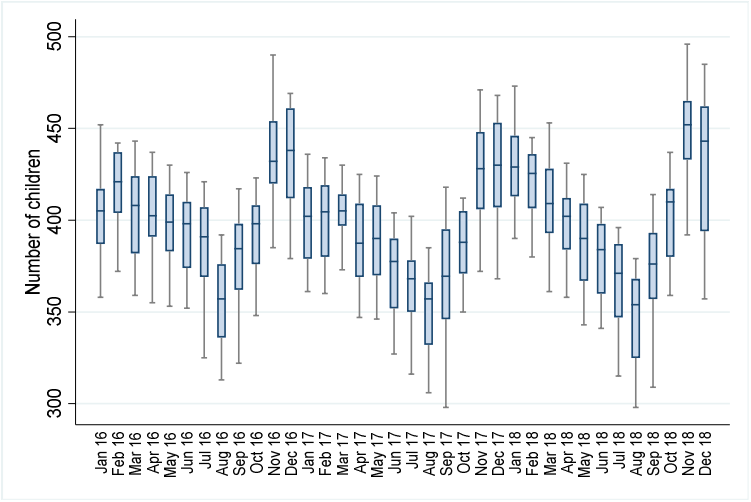
Table 36 presents summary statistics for bed activity in days in the form of median and interquartile range (IQR), for each year of the reporting period, by month of admission. Figure 36 shows bed activity data across time over the three year reporting period.

Figure 36 shows bed activity data across time over the three year reporting period, plotted using a box and whisker graph by month and year. This type of graph indicates the median by a line within the coloured box, the ends of which give the IQR. The lines ('whiskers') indicate values beyond the IQRs, although extreme outside values are not plotted.

For this table and figure children admitted prior to the report period, but discharged during it, are counted from 00:00 on 1 January 2016 until their discharge (or until 23:59 on 31 December 2018 if not discharged). Children admitted during the report period but discharged in 2019 (or who are still on the PICU) are counted from their admission date until 23:59 on 31 December 2018.

Year / Month	Bed activity (days) Median	IQR
2016		
1	405	387-417
2	421	404-437
3	408	382-424
4	402.5	391-424
5	399	383-414
6	398	374-410
7	391	369-407
8	357	336-376
9	384.5	362-398
10	398	376-408
11	432	420-454
12	438	412-461
2017		
1	402	379-418
2	404.5	380-419
3	405	397-414
4	387.5	369-409
5	390	370-408
6	377.5	352-390
7	368	350-378
8	357	332-366
9	369.5	346-395
10	388	371-405
11	428	406-448
12	430	407-453
2018		
1	429	413-446
2	425.5	406.5-436
3	409	393-428
4	402	384-412
5	390	367-409
6	384	360-398
7	371	347-387
8	354	325-368
9	376	357-393
10	410	380-417
11	452	433-465
12	443	394-462

FIGURE 36 BED ACTIVITY BY MONTH, ALL ADMISSIONS, 2016 - 2018



Notes

1) Patients aged 16 years and over are included in this table & figure

2) Children with unknown age are included in this table & figure

3) IQR = interquartile range

4) Some children who are being cared for at home are not necessarily immediately discharged from PICU, instead a bed is kept open until discharge, this may be true for a very small amount of the bed days recorded.

TABLE 37 BED ACTIVITY BY HEALTH ORGANISATION, ALL ADMISSIONS, 2016 - 2018

Here we present data we describe as bed activity, where a bed is counted as occupied if a child was present on a unit for any part of a day. This inevitably results in higher figures than the bed census data as a bed may have more than one child occupying it in any one day. All admissions to PICU are included in this table including patients aged 16 year or over and patients of unknown age.

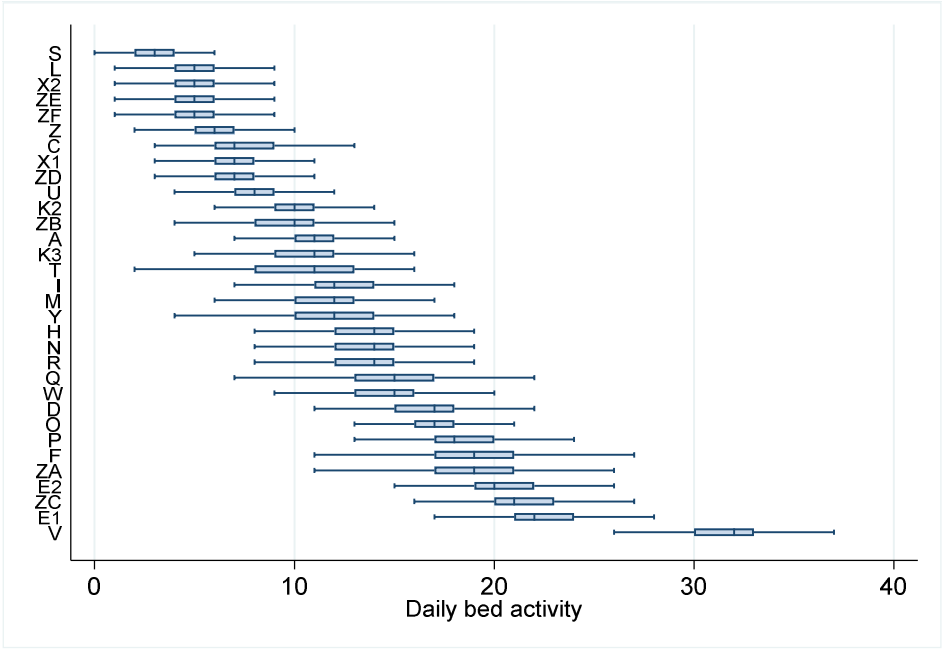
Table 37 presents summary statistics for bed activity in days in the form of median and interquartile range (IQR), for each year of the reporting period, by organisation.

Figure 37a shows bed activity data by organisation for admissions in 2016, plotted using a box and whisker graph. This type of graph indicates the median by a line within the coloured box, the ends of which give the IQR. The lines ('whiskers') indicate values beyond the IQRs, although extreme outside values are not plotted. Figure 37b and 37c present analogous data for 2017 and 2018 respectively.

For this table and associated figures children admitted prior to the report period, but discharged during it, are counted from 00:00 on 1 January 2016 until their discharge (or until 23:59 on 31 December 2018 if not discharged). Children admitted during the report period but discharged in 2019 (or who are still on the PICU) are counted from their admission date until 23:59 on 31 December 2018.

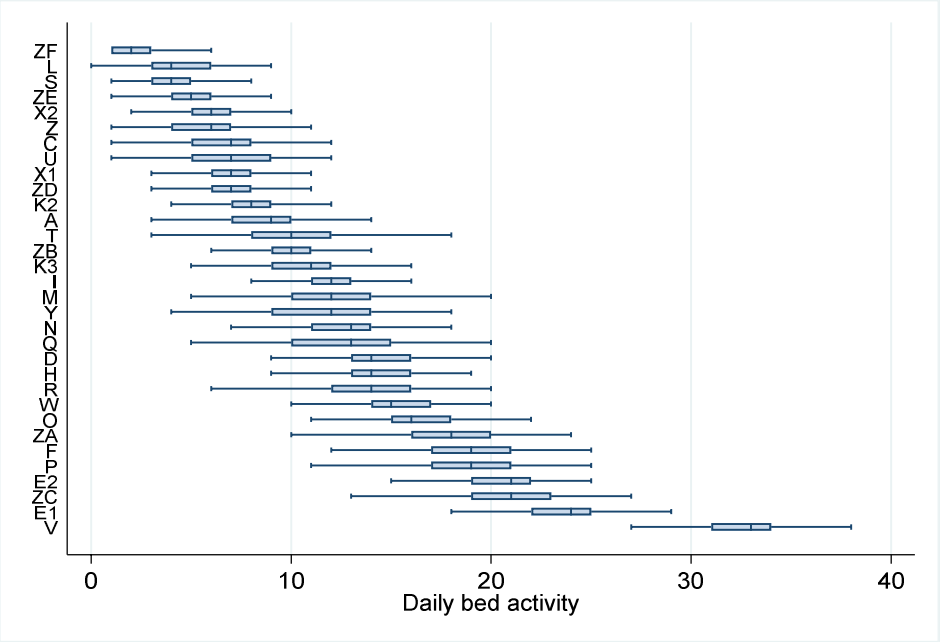
Year / Organisation	Number in PICu	
	Median	IQR
2016		
A	11	10-12
C	7	6-9
D	17	15-18
E1	22	21-24
E2	20	19-22
F	19	17-21
H	14	12-15
I	12	11-14
K2	10	9-11
K3	11	9-12
L	5	4-6
M	12	10-13
N	14	12-15
O	17	16-18
P	18	17-20
Q	15	13-17
R	14	12-15
S	3	2-4
T	11	8-13
U	8	7-9
V	32	30-33
W	15	13-16
X1	7	6-8
X2	5	4-6
Y	12	10-14
Z	6	5-7
ZA	19	17-21
ZB	10	8-11
ZC	21	20-23
ZD	7	6-8
ZE	5	4-6
ZF	5	4-6

FIGURE 37a BED ACTIVITY BY HEALTH ORGANISATION, ALL ADMISSIONS, 2016



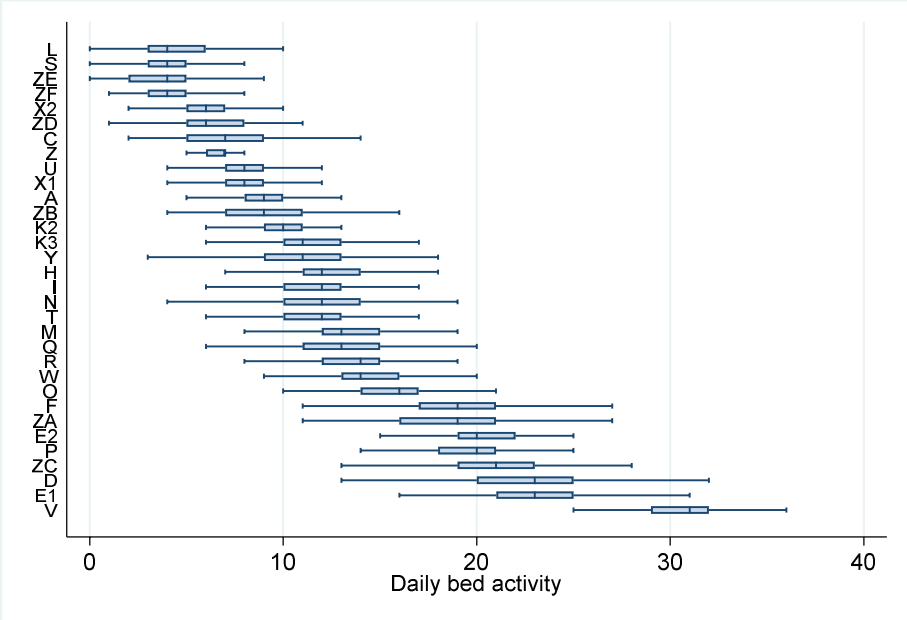
Year / Organisation	Number in PICu	
	Median	IQR
2017		
A	9	7-10
C	7	5-8
D	14	13-16
E1	24	22-25
E2	21	19-22
F	19	17-21
H	14	13-16
I	12	11-13
K2	8	7-9
K3	11	9-12
L	4	3-6
M	12	10-14
N	13	11-14
O	16	15-18
P	19	17-21
Q	13	10-15
R	14	12-16
S	4	3-5
T	10	8-12
U	7	5-9
V	33	31-34
W	15	14-17
X1	7	6-8
X2	6	5-7
Y	12	9-14
Z	6	4-7
ZA	18	16-20
ZB	10	9-11
ZC	21	19-23
ZD	7	6-8
ZE	5	4-6
ZF	2	1-3

FIGURE 37b BED ACTIVITY BY HEALTH ORGANISATION, ALL ADMISSIONS, 2017



Year / Organisation	Number in PICu	
	Median	IQR
2018		
A	9	8-10
C	7	5-9
D	23	20-25
E1	23	21-25
E2	20	19-22
F	19	17-21
H	12	11-14
I	12	10-13
K2	10	9-11
K3	11	10-13
L	4	3-6
M	13	12-15
N	12	10-14
O	16	14-17
P	20	18-21
Q	13	11-15
R	14	12-15
S	4	3-5
T	12	10-13
U	8	7-9
V	31	29-32
W	14	13-16
X1	8	7-9
X2	6	5-7
Y	11	9-13
Z	7	6-7
ZA	19	16-21
ZB	9	7-11
ZC	21	19-23
ZD	6	5-8
ZE	4	2-5
ZF	4	3-5

FIGURE 37c BED ACTIVITY BY HEALTH ORGANISATION, ALL ADMISSIONS, 2018



Notes

1) Patients aged 16 years and over are included in this table & these figures

2) Children with unknown age are included in this table & these figures

3) IQR = interquartile range

4) Some children who are being cared for at home are not necessarily immediately discharged from PICU, instead a bed is kept open until discharge, this may be true for a very small amount of the bed days recorded.

TABLE 38 LENGTH OF STAY BY AGE, BY HEALTH ORGANISATION, 2016 - 2018

Tables 38 shows summary data in the form of median and interquartile range (IQR), for length of stay in days, by health organisation and age group in years, for each year of the reporting period.

Year / Organisation	<1		1-4		5-10		11-15		Total	
	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR
2016										
A	3.8	1.8-6.8	2.0	0.9-4.5	1.7	0.8-3.1	1.3	0.8-2.9	**2.0**	**0.9-4.6**
C	3.2	1.1-6.9	1.2	0.8-3.1	1.0	0.6-2.4	0.9	0.8-1.7	**1.6**	**0.8-4.4**
D	4.3	2.2-8.6	3.4	1.4-8.4	2.9	1.3-5.9	2.3	1.3-5.6	**3.3**	**1.7-7.5**
E1	4.0	1.8-8.9	2.9	1.2-5.9	3.4	1.1-6.8	1.9	1.0-5.3	**3.4**	**1.4-7.5**
E2	4.0	2.1-8.0	1.9	1.0-4.1	1.9	1.0-3.9	2.7	1.0-5.6	**3.0**	**1.3-6.9**
F	3.6	1.7-6.3	1.8	1.0-3.1	1.7	0.8-3.6	1.1	0.8-3.2	**2.3**	**1.0-5.1**
H	3.5	1.4-6.8	2.1	1.0-5.8	2.0	1.0-4.3	2.0	0.9-4.4	**2.3**	**1.1-5.6**
I	2.7	1.0-5.7	1.6	0.9-3.8	1.6	0.8-4.6	1.7	0.9-5.9	**1.9**	**0.9-5.4**
K2	3.5	2.2-8.8	2.0	1.0-9.8	1.9	0.9-8.9	1.1	0.9-2.9	**2.6**	**1.2-8.7**
K3	4.7	1.8-6.9	2.2	1.0-4.8	1.7	0.9-3.8	1.2	0.8-4.1	**3.6**	**1.0-5.7**
L	3.9	2.2-6.2	2.1	1.0-5.6	1.9	0.9-5.6	0.9	0.8-3.8	**2.6**	**1.1-5.6**
M	4.0	1.9-7.7	1.8	0.8-4.3	1.4	0.9-3.1	1.3	0.9-2.9	**2.0**	**1.0-4.7**
N	3.9	1.9-6.9	1.9	1.0-3.7	2.0	1.0-4.1	1.8	1.0-3.6	**2.1**	**1.0-4.7**
O	5.1	2.0-11.2	2.3	1.2-7.2	1.9	1.0-5.5	1.6	1.0-3.5	**3.1**	**1.4-8.9**
P	3.1	1.4-7.0	1.9	0.9-5.1	1.4	0.8-4.0	1.3	0.7-2.9	**2.7**	**1.0-6.0**
Q	2.9	1.3-5.6	1.9	0.8-4.5	1.3	0.8-2.6	1.0	0.7-2.0	**1.9**	**0.8-4.2**
R	2.8	1.0-5.9	1.1	0.8-3.4	1.7	0.9-3.9	1.0	0.8-2.6	**1.9**	**0.9-4.9**
S	3.2	1.4-6.7	1.6	0.9-4.9	1.8	1.0-5.2	1.9	1.3-2.9	**2.0**	**1.1-5.2**
T	3.4	1.3-5.1	2.6	1.1-4.4	1.7	1.0-4.0	1.5	0.9-3.4	**2.2**	**1.0-4.7**
U	5.8	3.0-10.1	3.8	1.7-7.0	3.7	1.3-7.3	3.2	1.3-6.2	**4.5**	**1.8-8.0**
V	3.8	1.6-7.6	2.0	1.0-5.0	1.6	0.9-4.8	1.5	0.9-3.7	**2.8**	**1.0-6.4**
W	4.4	2.1-7.8	2.5	1.3-5.7	2.0	1.0-4.7	1.5	1.0-3.0	**3.0**	**1.5-6.4**
X1	3.3	1.0-6.3	1.1	0.9-2.6	1.0	0.9-3.5	0.9	0.2-1.8	**1.9**	**0.9-5.2**
X2	2.0	1.0-5.8	0.9	0.5-3.0	1.2	0.6-2.9	1.1	0.6-3.1	**1.4**	**0.8-3.8**
Y	4.1	2.1-7.6	2.2	0.9-5.9	2.9	0.9-5.6	3.1	0.9-7.8	**3.0**	**1.1-6.7**
Z	3.9	2.0-6.0	1.7	0.9-3.9	2.0	1.1-4.1	1.7	1.0-3.2	**2.3**	**1.1-4.7**
ZA	3.6	1.0-7.2	1.1	0.8-3.1	0.9	0.7-2.5	1.1	0.7-2.7	**1.7**	**0.8-4.7**
ZB	4.0	1.8-7.0	1.8	0.9-4.4	1.6	0.9-2.9	1.8	0.9-3.9	**2.4**	**1.0-5.1**
ZC	4.4	2.2-8.4	1.9	0.9-4.8	1.9	0.9-3.8	1.7	0.9-3.1	**3.0**	**1.5-6.6**
ZD	3.2	1.0-6.4	1.6	0.7-3.7	1.3	0.7-3.9	1.4	0.8-3.3	**2.0**	**0.8-5.8**
ZE	4.0	1.9-14.0	0.8	0.2-4.8	0.8	0.3-3.0	1.9	0.3-2.9	**1.9**	**0.3-4.0**
ZF	4.9	1.0-53.0	1.2	1.0-4.8	1.4	0.9-2.9	3.0	1.0-7.8	**2.0**	**1.0-6.0**

Year / Organisation	<1		1-4		5-10		11-15		Total	
	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR
2017										
A	2.8	1.1-5.1	1.6	0.8-3.8	1.0	0.7-3.6	1.1	0.8-2.9	**1.7**	**0.8-3.9**
C	2.9	1.5-5.9	1.4	0.8-5.0	0.9	0.6-3.4	0.9	0.7-1.6	**1.6**	**0.8-4.7**
D	5.0	2.2-8.8	4.1	1.9-9.5	2.9	1.5-6.3	2.4	1.2-5.9	**4.1**	**1.8-8.2**
E1	4.8	2.0-9.8	2.9	1.4-7.0	2.0	1.0-6.1	2.1	1.0-6.6	**3.6**	**1.5-8.0**
E2	4.7	2.7-8.4	2.1	1.1-5.0	2.1	1.1-6.0	2.1	1.1-7.5	**3.8**	**1.9-7.5**
F	3.7	1.9-6.6	1.8	0.9-3.4	1.1	0.8-2.7	1.6	0.9-3.8	**2.6**	**1.0-5.6**
H	4.0	1.8-8.1	1.9	1.0-4.0	2.4	1.0-7.2	2.2	1.1-5.8	**2.4**	**1.1-5.7**
I	3.0	1.1-6.5	1.7	0.9-4.6	1.1	0.9-3.5	1.1	0.8-2.2	**1.9**	**0.9-5.2**
K2	3.8	2.0-9.0	1.8	1.1-11.4	2.0	1.0-8.7	1.5	1.0-4.8	**2.6**	**1.2-8.7**
K3	5.0	1.9-6.8	2.1	0.9-4.0	1.9	1.0-3.8	1.7	0.8-3.0	**3.1**	**1.1-5.3**
L	3.6	2.2-5.2	2.0	1.0-4.2	2.9	1.0-4.0	1.8	0.8-3.0	**2.8**	**1.3-4.7**
M	3.5	1.7-6.2	1.4	0.8-3.1	2.0	0.9-3.9	1.1	0.9-2.2	**1.9**	**0.9-4.0**
N	2.5	1.3-6.5	1.7	0.9-3.1	1.7	1.0-3.2	1.9	1.0-4.1	**1.9**	**1.0-4.1**
O	5.1	2.2-13.1	2.2	1.2-5.7	1.8	1.0-4.0	1.7	1.0-2.2	**3.5**	**1.6-8.5**
P	3.5	1.5-7.0	1.9	0.9-5.0	1.6	0.9-4.2	1.7	0.9-4.2	**2.7**	**1.0-6.0**
Q	2.6	1.1-4.8	1.6	0.9-4.5	1.6	0.8-4.9	1.3	0.8-3.6	**1.8**	**0.9-4.4**
R	2.8	1.0-5.7	1.9	0.9-3.9	1.9	0.9-3.9	1.0	0.8-2.6	**2.0**	**0.9-4.5**
S	1.9	0.9-3.4	1.0	0.5-2.0	1.2	0.7-3.1	1.4	0.7-2.3	**1.5**	**0.7-3.0**
T	3.4	1.7-5.8	1.9	1.0-4.1	2.0	0.9-3.9	1.7	1.0-3.9	**2.1**	**1.0-4.8**
U	5.9	3.6-8.8	2.5	1.2-5.1	4.1	0.9-6.4	2.0	0.9-4.8	**3.9**	**1.4-7.2**
V	3.7	1.7-7.1	1.7	0.9-5.1	1.2	0.9-4.6	1.9	0.9-5.0	**2.7**	**1.0-6.2**
W	4.1	2.1-8.0	2.1	1.2-5.4	1.9	1.0-3.7	2.7	1.5-6.2	**3.1**	**1.6-6.8**
X1	3.8	1.0-7.3	1.1	0.8-3.2	1.0	0.8-1.8	1.2	1.0-2.2	**2.0**	**0.9-5.8**
X2	2.6	0.9-6.5	0.8	0.4-2.1	1.0	0.5-3.0	0.9	0.4-4.7	**1.6**	**0.7-5.0**
Y	3.4	1.6-6.4	1.7	0.9-4.4	2.6	1.1-5.3	2.0	0.9-5.0	**2.3**	**1.0-5.4**
Z	3.1	1.5-5.5	1.8	0.9-4.8	1.7	0.9-3.6	1.2	0.9-3.3	**2.0**	**1.0-4.6**
ZA	3.7	1.7-8.3	1.3	0.8-4.6	1.1	0.8-3.5	1.1	0.7-2.6	**1.8**	**0.9-5.7**
ZB	4.2	1.8-8.2	2.1	1.0-4.5	1.9	0.9-4.5	1.6	0.9-2.6	**2.3**	**1.0-5.6**
ZC	4.0	2.2-8.8	2.4	1.3-4.0	2.0	1.0-4.3	1.7	0.9-3.9	**2.9**	**1.7-6.2**
ZD	2.5	1.0-4.7	1.8	0.8-3.9	1.7	0.8-4.0	1.6	0.9-3.9	**1.9**	**0.9-4.2**
ZE	5.0	1.4-11.7	1.3	0.3-4.7	0.4	0.1-0.5	0.2	0.1-0.6	**0.4**	**0.1-1.9**
ZF	2.1	0.8-78.9	0.9	0.8-1.3	1.8	0.8-2.9	2.0	1.0-5.4	**1.1**	**0.8-2.8**

Year / Organisation	<1		1-4		5-10		11-15		Total	
	Median	IQR	Median	IQR	Median	IQR	Median	IQR	Median	IQR
2018										
A	2.7	0.9-4.9	1.6	0.8-3.0	1.1	0.8-2.8	1.1	0.8-3.0	**1.6**	**0.8-3.7**
C	3.0	1.3-5.7	1.4	0.8-4.7	1.3	0.8-2.7	1.0	0.8-3.3	**1.8**	**0.8-4.4**
D	4.0	1.9-8.8	2.0	1.0-4.9	1.9	0.9-4.5	1.9	1.0-4.0	**2.6**	**1.1-5.8**
E1	4.0	2.0-8.0	2.8	1.0-5.9	2.8	1.1-6.0	2.6	1.0-6.1	**3.4**	**1.5-7.0**
E2	4.2	2.1-8.1	2.1	1.1-4.1	2.0	1.1-3.9	2.8	1.2-7.2	**3.0**	**1.3-7.0**
F	3.9	2.0-7.1	2.0	1.0-4.0	1.7	0.9-3.9	1.7	0.9-3.1	**2.9**	**1.1-5.8**
H	4.1	1.5-6.7	2.0	1.1-5.1	2.0	1.0-4.7	2.3	1.0-5.8	**2.6**	**1.1-5.5**
I	3.0	1.6-5.9	1.7	0.9-4.0	1.6	0.9-3.4	1.8	0.8-3.8	**2.2**	**1.0-4.8**
K2	4.2	2.8-10.6	2.0	1.2-12.0	1.9	1.1-9.0	1.3	0.9-4.6	**2.9**	**1.8-9.8**
K3	4.9	2.1-7.2	2.9	0.9-5.0	2.4	1.0-3.7	2.1	0.9-3.5	**3.9**	**1.1-5.8**
L	3.5	2.3-6.3	2.9	1.2-5.2	2.8	1.2-4.5	1.3	0.7-4.6	**3.0**	**1.1-5.7**
M	3.4	1.9-7.1	1.5	0.7-4.4	1.7	0.8-3.8	1.2	0.8-2.6	**2.0**	**0.9-4.6**
N	3.3	1.5-5.7	1.9	1.0-3.8	2.1	1.0-4.9	1.8	1.0-3.6	**2.0**	**1.0-4.7**
O	3.9	1.9-9.6	2.1	1.1-4.9	1.9	1.0-4.7	1.7	0.9-3.4	**3.0**	**1.2-6.9**
P	2.9	1.2-6.7	1.9	0.8-6.1	1.8	0.9-4.5	1.9	0.8-5.8	**2.5**	**1.0-6.0**
Q	2.9	1.6-5.8	1.4	0.8-3.5	1.6	0.8-4.9	1.0	0.8-1.9	**1.9**	**0.9-4.8**
R	2.9	1.1-5.7	1.9	1.1-3.8	1.9	1.0-4.5	1.2	0.8-3.0	**2.1**	**1.0-4.8**
S	1.7	0.6-4.0	1.2	0.7-3.1	1.0	0.6-2.2	1.4	0.6-2.8	**1.5**	**0.7-2.9**
T	3.0	1.2-5.8	1.7	0.9-3.1	2.4	1.1-4.8	1.3	0.8-3.7	**1.9**	**0.9-4.2**
U	5.5	3.6-8.2	4.8	1.6-8.7	3.3	1.0-7.2	3.1	1.2-6.6	**4.8**	**1.9-8.5**
V	3.5	1.4-7.3	1.9	0.9-4.9	2.1	0.9-6.4	2.0	0.9-5.4	**2.7**	**1.0-6.8**
W	3.9	2.0-7.0	2.3	1.1-5.8	2.0	1.1-3.2	2.1	1.1-4.1	**2.9**	**1.5-5.9**
X1	3.4	1.2-7.1	1.2	1.0-4.3	1.0	0.1-1.5	1.0	0.8-2.1	**2.1**	**0.9-5.6**
X2	2.9	1.0-6.2	1.1	0.7-3.1	0.9	0.5-4.0	1.8	0.8-3.8	**1.8**	**0.8-4.7**
Y	3.5	1.8-7.8	1.4	0.8-4.1	2.9	1.0-5.8	1.9	0.9-6.7	**2.7**	**0.9-6.3**
Z	3.4	1.9-6.0	2.2	1.2-4.6	1.7	0.9-3.1	1.4	1.0-4.0	**2.3**	**1.2-4.8**
ZA	3.8	1.9-7.6	1.7	0.8-4.2	1.3	0.8-3.9	1.7	0.7-3.2	**2.4**	**0.9-5.5**
ZB	3.7	1.6-6.8	2.2	1.0-6.0	1.2	0.9-3.8	2.0	0.9-4.7	**2.7**	**1.0-6.1**
ZC	4.2	2.0-8.7	2.2	1.0-4.6	2.0	1.0-4.8	2.1	1.0-4.6	**3.1**	**1.6-6.8**
ZD	2.6	1.3-5.6	1.7	0.8-5.1	1.6	0.8-3.9	1.8	1.0-6.8	**1.9**	**0.9-5.5**
ZE	6.4	1.9-17.9	0.5	0.4-2.2	0.7	0.4-2.0	0.1	0.0-0.5	**0.5**	**0.1-2.0**
ZF	2.7	1.3-5.2	1.4	0.9-6.2	1.2	1.0-3.0	2.0	1.0-4.7	**1.8**	**0.9-4.8**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) This table includes admissions in the three years reporting period only.

3) Patients who had not been discharged at the time of final dataset lock are not included in these tables.

4) IQR = interquartile range

5) Length of stay is calculated as date of discharge minus date of admission for admissions occurring in the reporting period

TABLE 39 LENGTH OF STAY BY PRIMARY DIAGNOSTIC GROUP BY HEALTH ORGANISATION, 2016 - 2018

Tables 39 shows summary data in the form of median and interquartile range (IQR) for length of stay in days, by health organisation and diagnostic group, for the three year reporting period combined.

Organisation	DIAGNOSTIC GROUP																									
	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multisystem		Musculoskeletal		Neurological		Oncology		Respiratory		Trauma		Other		Unknown	
	Med	IQR	Med	IQR	Med	IQR	Med	IQR	Med	IQR	Med	IQR	Med	IQR	Med	IQR	Med	IQR	Med	IQR	Med	IQR	Med	IQR	Med	IQR	Med	IQR
A	1.0	0.7-2.3	1.2	0.9-1.8	1.2	0.6-2.8	2.0	0.9-4.1	1.8	0.9-3.3	3.3	1.2-5.9	1.8	0.9-2.9	0.9	0.7-1.5	1.8	0.9-3.8	1.2	0.9-3.0	2.9	1.0-5.8	1.1	0.7-2.9	1.1	0.7-1.9	8.4	2.0-8.8
C	1.7	0.7-5.1	0.9	0.2-2.2	2.0	0.7-4.2	1.5	0.8-4.9	0.9	0.7-1.9	2.7	1.3-7.4	4.0	0.7-7.2	0.9	0.8-1.0	1.3	0.8-2.7	0.9	0.7-1.6	3.1	1.0-6.3	0.8	0.6-1.6	0.9	0.6-1.8	7.2	7.2-7.2
D	2.1	1.4-3.8	1.1	0.7-3.3	2.6	1.1-6.0	2.5	1.1-6.6	2.0	1.0-3.7	4.9	2.4-8.7	3.8	1.0-8.9	1.8	1.0-2.6	2.4	1.1-5.8	1.9	0.9-3.7	4.6	1.8-9.1	2.4	1.5-5.6	2.5	1.3-4.2	5.4	2.2-27.9
E1	4.5	1.9-6.3	4.9	2.0-9.2	3.4	1.6-7.5	2.7	1.3-6.4	2.4	0.9-6.1	4.1	1.9-9.7	1.0	0.9-5.2	1.1	0.9-2.1	2.6	1.2-5.8	2.7	1.0-8.0	5.4	2.9-9.8	2.4	0.9-5.1	2.8	1.3-5.7	3.9	3.9-3.9
E2	1.7	0.9-21.1	4.4	1.1-9.8	3.0	1.5-6.2	4.9	2.6-5.9	3.1	1.1-11.3	6.7	1.8-15.5	3.2	3.2-3.2	1.9	1.0-4.9	4.0	3.3-4.3	2.2	1.1-3.8	6.2	2.9-12.2	13.8	1.9-25.7	4.2	1.0-9.1	2.9	2.9-2.9
F	1.0	0.7-1.0	1.7	0.8-2.6	2.0	1.0-4.9	1.9	1.0-4.7	1.8	0.9-3.8	2.9	1.7-6.3	2.6	2.6-2.6	0.8	0.7-1.2	1.8	0.9-3.9	1.0	0.9-2.8	4.0	2.2-7.1	1.0	0.7-2.0	1.2	0.7-3.3	2.6	0.9-5.9
H	2.7	0.9-7.0	2.5	1.7-10.7	2.0	0.9-5.8	2.3	1.1-9.0	2.2	1.1-4.7	3.9	1.4-8.9	3.1	0.8-67.9	0.9	0.8-1.1	1.9	1.1-4.2	1.8	1.0-3.5	3.8	1.6-6.7	1.9	1.2-3.7	1.9	0.9-8.3	2.0	0.7-2.9
I	3.6	2.6-9.1	2.5	1.6-6.7	1.2	0.9-3.3	3.1	1.9-10.5	2.1	1.4-4.7	3.8	1.9-8.1	2.7	0.6-4.7	1.6	0.9-10.9	1.7	0.9-5.0	1.8	0.8-2.9	4.6	2.3-8.9	1.6	0.6-5.0	1.7	0.9-3.1	3.8	2.0-6.8
K2	2.8	1.1-7.2	3.8	1.8-6.9	3.8	1.5-8.9	1.0	1.0-3.3	30.6	21.4-	2.9	1.1-25.0	9.4	2.9-15.4	0.9	0.8-1.6	5.2	1.0-15.0	2.2	1.0-3.0	4.1	2.0-7.6	1.7	0.8-4.0	1.0	1.0-6.8		
K3	0.9	0.5-1.2	7.9	3.4-22.0	2.7	0.9-4.9	2.6	1.6-5.7	2.0	1.0-3.8	3.4	1.7-5.9			1.2	0.8-2.1	1.2	0.8-2.8	1.1	0.9-2.6	2.7	1.0-8.7	7.1	7.1-7.1	2.7	1.0-5.3	1.2	1.2-1.2
L	0.2	0.2-5.4	0.3	0.2-1.1	2.3	0.3-4.9	1.9	0.8-4.9	3.0	1.0-4.9	3.4	2.4-5.7			0.9	0.8-1.8	1.8	1.0-4.0	0.6	0.1-1.5	3.7	2.1-6.1	0.7	0.5-2.6	1.1	0.7-2.3		
M	1.4	0.8-4.6	1.1	0.9-2.9	2.2	0.6-6.1	2.1	0.8-4.6	1.8	0.9-4.1	3.2	1.5-5.6	1.7	0.8-3.8	1.0	0.8-1.7	1.8	0.9-3.8	1.7	0.9-3.8	3.3	1.2-6.3	1.7	0.9-2.7	1.4	0.8-3.0	1.3	0.7-3.0
N	1.7	0.8-2.7	1.6	0.8-3.4	2.4	1.0-6.8	1.4	0.9-2.9	2.2	1.0-3.8	3.4	1.4-5.3	1.4	1.0-2.0	1.2	1.0-2.1	1.9	1.0-4.4	2.1	1.1-4.6	3.4	1.4-6.9	1.8	0.8-3.0	1.8	0.9-3.9	1.7	1.0-171.5
O			13.3	0.3-15.0	3.1	1.5-8.0	16.8	9.7-23.9	2.6	1.2-5.7	2.1	1.8-5.7	2.1	2.1-2.1	6.2	1.2-54.0	1.8	0.4-5.9	1.2	1.0-2.1	4.2	1.1-11.7	1.1	1.1-1.1	1.4	0.7-4.9	66.1	62.7-69.4
P	1.0	0.7-1.1	3.1	1.7-6.9	2.1	1.0-5.7	3.7	1.7-6.9	2.1	1.0-4.8	2.2	1.0-5.4	1.8	1.7-17.4	1.0	0.7-1.7	1.6	0.8-3.8	1.6	0.7-3.5	4.0	2.0-9.2	2.1	0.7-6.0	1.3	0.6-3.9		
Q	1.0	0.7-3.0	2.2	0.9-6.1	1.9	0.7-3.6	1.8	1.0-6.0	1.8	0.9-3.1	2.6	1.1-4.8	1.8	0.8-2.8	0.9	0.8-1.7	1.7	0.8-4.1	1.1	0.8-2.3	2.4	1.0-5.6	1.0	0.7-2.1	1.0	0.7-2.4	1.1	0.9-2.0
R	3.3	1.3-4.4	1.7	0.7-4.2	1.9	1.0-4.2	2.3	1.2-5.5	0.7	0.3-1.9	3.0	1.4-6.3	1.6	1.2-2.0	1.0	0.8-1.7	1.6	0.9-3.1	1.7	0.8-4.3	3.7	1.9-6.6	0.9	0.6-2.0	1.0	0.7-2.1	0.8	0.5-0.9
S	0.4	0.3-1.5			0.5	0.3-1.1	0.9	0.5-1.2	1.3	0.7-2.2	1.7	0.7-4.3			1.9	1.8-2.8	0.8	0.4-1.8	0.1	0.1-0.1	1.9	0.9-4.4	1.5	0.8-3.0	1.2	0.6-2.7	0.0	0
T	1.3	0.7-2.9	1.3	0.9-3.9	1.4	0.5-4.9	3.3	1.7-6.0	1.7	0.9-2.9	3.7	1.8-5.3	3.9	3.9-3.9	1.0	0.9-1.8	1.8	1.0-3.9	2.0	1.0-3.7	3.1	1.2-6.4	1.7	0.9-2.7	1.2	0.9-3.0	4.2	2.5-6.0
U	0.8	0.4-2.8	2.1	2.0-8.6	2.6	1.0-5.4	3.3	0.8-6.6	1.3	0.8-4.0	4.8	2.1-9.2			11.9	0.9-23.0	2.2	1.4-4.8	9.5	9.5-9.5	5.9	3.6-9.4	1.5	0.7-2.6	3.0	1.3-8.0	2.3	2.3-2.3
V	3.1	0.9-6.6	3.6	2.0-9.7	1.9	1.0-5.0	5.0	1.8-13.2	3.0	1.4-6.4	3.9	2.0-7.9	1.9	0.9-7.9	2.8	0.9-12.8	2.0	0.9-5.2	2.9	1.1-7.4	4.2	2.0-9.0	1.5	0.8-4.4	2.4	1.0-5.8	4.4	0.9-7.9
W	2.7	1.1-7.9	3.8	1.9-6.6	2.7	1.3-5.9	2.0	0.9-5.2	2.9	1.7-5.8	2.7	1.8-6.0	3.8	3.8-3.8	2.9	1.5-6.4	2.2	0.9-5.7	2.8	1.1-9.1	4.6	2.7-8.5	2.8	0.9-6.7	2.3	1.1-4.0	3.9	1.3-5.8
X1	0.1	0.0-0.5	10.9	6.0-16.4	1.9	0.9-4.9	6.6	2.5-11.8	10.6	1.5-19.7	3.6	0.8-14.5	2.4	0.9-12.1	1.1	0.2-2.0	0.6	0.3-3.0	1.2	0.8-1.2	4.7	1.5-6.6	0.1	0.1-0.1	0.5	0.1-5.3		
X2	1.5	0.8-2.9	1.8	0.5-4.4	2.3	1.1-5.7	1.1	0.7-2.3	1.1	0.7-2.2	3.5	0.9-6.9	5.9	2.1-7.4	1.2	0.8-3.4	1.0	0.6-2.6	0.9	0.4-1.5	2.1	0.8-5.3	0.9	0.5-3.4	0.9	0.6-3.1		
Y	0.9	0.7-2.0	5.3	2.3-8.6	2.8	0.9-9.0	2.4	1.0-4.9	2.7	1.1-4.6	6.0	3.1-11.7	9.4	1.4-26.2	2.0	0.9-5.3	1.7	0.9-3.9	1.0	0.8-3.9	3.0	1.1-6.4	1.8	0.9-3.7	2.1	0.9-5.1		
Z	1.7	0.9-2.8	2.4	1.0-3.1	1.8	0.7-6.6	2.1	1.0-3.8	2.3	0.9-4.5	3.8	1.5-6.3	1.1	1.1-1.1	1.0	0.9-1.3	1.8	1.0-3.0	1.0	0.2-1.3	2.8	1.3-5.3	1.4	0.8-2.8	1.9	0.8-4.0		
ZA	1.8	0.8-3.6	1.3	0.6-3.3	2.0	1.0-6.5	1.7	0.8-4.5	0.9	0.7-2.0	2.7	0.9-4.8	0.8	0.7-3.5	0.7	0.7-0.8	1.0	0.7-2.4	0.8	0.7-1.7	3.6	1.4-7.1	1.5	0.7-2.8	0.9	0.7-2.2	0.7	0.5-0.7
ZB	1.9	1.0-9.3	3.9	1.6-8.2	3.4	0.9-8.0	2.1	1.0-4.2	2.0	1.0-3.9	3.5	1.9-6.6	82.5	11.0-154.1	1.1	0.9-2.0	1.6	0.8-3.8	1.1	0.9-2.2	4.2	1.9-7.1	1.6	0.7-3.6	1.9	0.9-4.7	4.2	4.2-4.2
ZC	2.2	1.2-6.6	7.6	2.6-17.3	3.1	1.8-6.8	2.9	1.7-6.8	2.9	1.1-6.8	4.5	2.1-7.2	2.6	1.9-5.3	1.0	0.8-1.9	2.1	1.1-4.7	3.0	1.8-5.9	3.7	1.8-7.0	2.3	1.0-4.3	1.7	0.9-4.2	7.6	7.6-7.6
ZD	5.0	1.1-6.1	1.9	0.9-4.9	1.2	0.6-3.8	1.5	0.7-2.6	1.9	0.9-4.7	3.7	1.7-5.8	10.8	5.8-23.3	1.0	0.8-1.1	1.7	0.8-3.3	0.9	0.8-1.8	3.1	1.3-6.6	0.8	0.5-3.8	1.2	0.8-2.9		
ZE	0.5	0.3-0.9	1.1	0.7-2.7	2.1	0.3-6.8	2.1	0.5-3.7	1.8	1.8-3.3	0.1	0.0-0.1	0.4	0.4-0.4	2.1	1.9-3.6	1.0	0.8-3.0	0.2	0.1-0.5	1.9	0.8-5.8	0.8	0.7-4.9	0.7	0.3-0.9		
ZF	33.7	33.7-33.7	0.8	0.8-0.8	1.0	0.7-53.0	7.3	1.8-24.4	2.7	1.3-3.4	3.7	1.8-5.1	1.5	1.0-2.0	1.0	0.8-1.9	1.8	1.0-12.2	2.4	1.2-3.9	1.6	0.9-4.7	5.5	2.0-31.9	1.2	0.8-4.7		

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)
2) This table includes admissions in the three years reporting period only.
3) Patients who had not been discharged at the time of final dataset lock are not included in this tables.
4) Blank cells mean no data are available
5) IQR = Interquartile range
6) 'Other' includes a mixture of diagnoses but also some coding where a non-diagnostic Read code was given e.g. 'Post-surgical wound care', this practice varies by organisation.
7) Length of stay is calculated as date of discharge minus date of admission for admissions occurring in the reporting period
8) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

TABLE 40 ADMISSIONS BY LENGTH OF STAY (LOS) BY HEALTH ORGANISATION, 2016 - 2018

Table 40 groups the number of admissions by length of stay, calculated in categories ranging from less than one hour to over 1 week, specified to the minute. The number and percentage of events are presented for each year of the reporting period, by organisation.

Percentages in the white columns are row percentages i.e. what proportion of all admissions to a given organisation in a given year were for children whose length of stay fell into a given time band. The percentages in the "Total" column show column percentages, i.e. what proportion of all admissions were accounted for by children admitted to each organisation.

Year / Organisation	LoS GROUP																	
	<1h		1h to <4h		4h to < 12h		12h to <24h		1d to <3d		3d to <7d		7d+		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																		
A	0	(0.0)	10	(1.5)	48	(7.4)	127	(19.5)	218	(33.5)	146	(22.5)	101	(15.5)	0	(0.0)	**650**	**(3.2)**
C	0	(0.0)	14	(2.6)	37	(7.0)	168	(31.7)	135	(25.5)	90	(17.0)	86	(16.2)	0	(0.0)	**530**	**(2.6)**
D	0	(0.0)	6	(0.8)	30	(4.1)	75	(10.2)	228	(31.1)	196	(26.8)	197	(26.9)	0	(0.0)	**732**	**(3.6)**
E1	0	(0.0)	11	(1.1)	31	(3.1)	131	(13.2)	284	(28.7)	270	(27.2)	264	(26.6)	0	(0.0)	**991**	**(4.9)**
E2	0	(0.0)	3	(0.4)	34	(4.0)	87	(10.2)	296	(34.6)	226	(26.4)	209	(24.4)	0	(0.0)	**855**	**(4.2)**
F	2	(0.2)	15	(1.3)	51	(4.4)	211	(18.3)	383	(33.2)	307	(26.6)	185	(16.0)	0	(0.0)	**1,154**	**(5.7)**
H	0	(0.0)	11	(1.9)	28	(4.9)	93	(16.1)	200	(34.7)	126	(21.9)	118	(20.5)	0	(0.0)	**576**	**(2.8)**
I	1	(0.1)	8	(1.1)	29	(3.9)	192	(25.6)	226	(30.2)	158	(21.1)	135	(18.0)	0	(0.0)	**749**	**(3.7)**
K2	0	(0.0)	0	(0.0)	6	(1.9)	48	(15.4)	95	(30.4)	72	(23.1)	91	(29.2)	0	(0.0)	**312**	**(1.5)**
K3	0	(0.0)	4	(0.6)	24	(3.8)	122	(19.6)	200	(32.1)	157	(25.2)	117	(18.8)	0	(0.0)	**624**	**(3.1)**
L	1	(0.4)	4	(1.5)	18	(6.7)	43	(16.0)	82	(30.5)	73	(27.1)	48	(17.8)	0	(0.0)	**269**	**(1.3)**
M	1	(0.2)	7	(1.1)	41	(6.5)	110	(17.4)	214	(33.8)	162	(25.6)	99	(15.6)	0	(0.0)	**634**	**(3.1)**
N	0	(0.0)	9	(1.1)	25	(3.0)	162	(19.2)	323	(38.2)	195	(23.1)	131	(15.5)	0	(0.0)	**845**	**(4.2)**
O	0	(0.0)	6	(1.0)	15	(2.6)	50	(8.6)	209	(35.8)	120	(20.5)	184	(31.5)	0	(0.0)	**584**	**(2.9)**
P	1	(0.1)	12	(1.3)	41	(4.4)	168	(17.8)	292	(31.0)	226	(24.0)	202	(21.4)	0	(0.0)	**942**	**(4.6)**
Q	0	(0.0)	6	(0.8)	36	(5.0)	212	(29.4)	225	(31.2)	130	(18.0)	112	(15.5)	0	(0.0)	**721**	**(3.6)**
R	2	(0.2)	21	(2.4)	57	(6.5)	206	(23.4)	262	(29.7)	188	(21.3)	145	(16.5)	0	(0.0)	**881**	**(4.3)**
S	0	(0.0)	3	(1.8)	9	(5.5)	25	(15.3)	66	(40.5)	36	(22.1)	24	(14.7)	0	(0.0)	**163**	**(0.8)**
T	0	(0.0)	5	(0.8)	36	(6.0)	104	(17.4)	219	(36.6)	139	(23.2)	96	(16.0)	0	(0.0)	**599**	**(3.0)**
U	0	(0.0)	5	(1.5)	13	(4.0)	27	(8.2)	77	(23.4)	116	(35.3)	91	(27.7)	0	(0.0)	**329**	**(1.6)**
V	0	(0.0)	15	(1.1)	54	(3.8)	261	(18.5)	422	(30.0)	334	(23.7)	323	(22.9)	0	(0.0)	**1,409**	**(7.0)**
W	0	(0.0)	2	(0.3)	17	(2.4)	82	(11.8)	249	(35.7)	194	(27.8)	153	(22.0)	0	(0.0)	**697**	**(3.4)**
X1	22	(4.8)	21	(4.6)	28	(6.2)	74	(16.3)	122	(26.9)	108	(23.8)	79	(17.4)	0	(0.0)	**454**	**(2.2)**
X2	6	(1.5)	12	(3.0)	51	(12.8)	83	(20.9)	114	(28.6)	78	(19.6)	54	(13.6)	0	(0.0)	**398**	**(2.0)**
Y	0	(0.0)	4	(0.8)	13	(2.5)	98	(19.0)	138	(26.8)	137	(26.6)	125	(24.3)	0	(0.0)	**515**	**(2.5)**
Z	1	(0.3)	3	(0.8)	20	(5.1)	60	(15.3)	139	(35.5)	117	(29.9)	51	(13.0)	0	(0.0)	**391**	**(1.9)**
ZA	0	(0.0)	11	(1.1)	56	(5.8)	313	(32.2)	247	(25.4)	181	(18.6)	163	(16.8)	0	(0.0)	**971**	**(4.8)**
ZB	0	(0.0)	5	(0.9)	17	(3.1)	113	(20.3)	184	(33.0)	134	(24.1)	104	(18.7)	0	(0.0)	**557**	**(2.7)**
ZC	2	(0.2)	7	(0.7)	27	(2.6)	146	(14.2)	326	(31.6)	277	(26.9)	246	(23.9)	0	(0.0)	**1,031**	**(5.1)**
ZD	1	(0.3)	12	(3.2)	28	(7.6)	78	(21.1)	101	(27.3)	74	(20.0)	76	(20.5)	0	(0.0)	**370**	**(1.8)**
ZE	1	(0.4)	14	(5.6)	66	(26.5)	23	(9.2)	60	(24.1)	47	(18.9)	38	(15.3)	0	(0.0)	**249**	**(1.2)**
ZF	0	(0.0)	2	(2.3)	0	(0.0)	24	(27.6)	29	(33.3)	8	(9.2)	24	(27.6)	0	(0.0)	**87**	**(0.4)**
Total	**41**	**(0.2)**	**268**	**(1.3)**	**986**	**(4.9)**	**3,716**	**(18.3)**	**6,365**	**(31.4)**	**4,822**	**(23.8)**	**4,071**	**(20.1)**	**0**	**(0.0)**	20,269	(100.0)
2017																		
A	1	(0.2)	10	(1.6)	49	(8.0)	156	(25.4)	200	(32.5)	133	(21.6)	66	(10.7)	0	(0.0)	**615**	**(3.1)**
C	0	(0.0)	17	(3.4)	43	(8.7)	134	(27.2)	131	(26.6)	101	(20.5)	67	(13.6)	0	(0.0)	**493**	**(2.5)**
D	0	(0.0)	2	(0.3)	22	(3.8)	61	(10.5)	162	(28.0)	158	(27.3)	174	(30.1)	0	(0.0)	**579**	**(2.9)**
E1	2	(0.2)	22	(2.3)	23	(2.4)	117	(12.3)	274	(28.8)	228	(24.0)	285	(30.0)	0	(0.0)	**951**	**(4.8)**
E2	1	(0.1)	1	(0.1)	15	(2.0)	62	(8.1)	254	(33.2)	226	(29.6)	205	(26.8)	0	(0.0)	**764**	**(3.8)**
F	1	(0.1)	11	(1.0)	64	(5.9)	171	(15.8)	356	(32.8)	288	(26.5)	194	(17.9)	0	(0.0)	**1,085**	**(5.5)**
H	0	(0.0)	7	(1.4)	17	(3.4)	78	(15.7)	183	(36.8)	109	(21.9)	103	(20.7)	0	(0.0)	**497**	**(2.5)**
I	1	(0.1)	5	(0.7)	30	(4.2)	185	(26.0)	213	(30.0)	146	(20.5)	131	(18.4)	0	(0.0)	**711**	**(3.6)**
K2	0	(0.0)	3	(1.0)	4	(1.4)	33	(11.3)	101	(34.6)	61	(20.9)	90	(30.8)	0	(0.0)	**292**	**(1.5)**
K3	0	(0.0)	3	(0.5)	35	(5.4)	104	(16.1)	220	(34.1)	175	(27.1)	109	(16.9)	0	(0.0)	**646**	**(3.3)**
L	0	(0.0)	5	(1.7)	12	(4.2)	43	(14.9)	93	(32.2)	96	(33.2)	40	(13.8)	0	(0.0)	**289**	**(1.5)**
M	1	(0.2)	11	(1.8)	58	(9.3)	117	(18.7)	210	(33.6)	140	(22.4)	88	(14.1)	0	(0.0)	**625**	**(3.1)**
N	1	(0.1)	3	(0.4)	19	(2.6)	157	(21.4)	310	(42.3)	139	(19.0)	104	(14.2)	0	(0.0)	**733**	**(3.7)**
O	1	(0.2)	5	(0.9)	15	(2.6)	56	(9.5)	191	(32.5)	149	(25.4)	170	(29.0)	0	(0.0)	**587**	**(3.0)**
P	0	(0.0)	6	(0.6)	45	(4.6)	172	(17.5)	313	(31.8)	238	(24.2)	211	(21.4)	0	(0.0)	**985**	**(5.0)**
Q	0	(0.0)	1	(0.1)	24	(3.3)	203	(27.7)	246	(33.6)	140	(19.1)	118	(16.1)	0	(0.0)	**732**	**(3.7)**
R	1	(0.1)	20	(2.2)	45	(4.9)	199	(21.7)	304	(33.2)	223	(24.3)	124	(13.5)	0	(0.0)	**916**	**(4.6)**
S	0	(0.0)	8	(2.7)	35	(11.9)	70	(23.8)	108	(36.7)	50	(17.0)	23	(7.8)	0	(0.0)	**294**	**(1.5)**
T	0	(0.0)	8	(1.3)	19	(3.1)	109	(17.8)	223	(36.5)	169	(27.7)	83	(13.6)	0	(0.0)	**611**	**(3.1)**
U	0	(0.0)	2	(0.6)	15	(4.7)	43	(13.5)	73	(22.9)	104	(32.6)	82	(25.7)	0	(0.0)	**319**	**(1.6)**
V	0	(0.0)	8	(0.6)	53	(3.9)	254	(18.8)	419	(31.0)	320	(23.7)	299	(22.1)	0	(0.0)	**1,353**	**(6.8)**
W	0	(0.0)	0	(0.0)	13	(1.8)	82	(11.3)	251	(34.7)	208	(28.7)	170	(23.5)	0	(0.0)	**724**	**(3.6)**
X1	17	(4.4)	17	(4.4)	21	(5.4)	62	(16.0)	105	(27.1)	85	(21.9)	81	(20.9)	0	(0.0)	**388**	**(2.0)**
X2	2	(0.5)	17	(4.6)	59	(15.9)	76	(20.5)	87	(23.5)	67	(18.1)	63	(17.0)	0	(0.0)	**371**	**(1.9)**
Y	0	(0.0)	0	(0.0)	19	(3.8)	106	(21.3)	155	(31.2)	118	(23.7)	99	(19.9)	0	(0.0)	**497**	**(2.5)**
Z	0	(0.0)	6	(1.5)	24	(5.9)	76	(18.7)	146	(35.9)	97	(23.8)	58	(14.3)	0	(0.0)	**407**	**(2.1)**
ZA	0	(0.0)	4	(0.4)	35	(3.9)	261	(29.1)	248	(27.7)	170	(19.0)	178	(19.9)	0	(0.0)	**896**	**(4.5)**
ZB	0	(0.0)	2	(0.4)	15	(2.9)	110	(21.1)	175	(33.5)	127	(24.3)	93	(17.8)	0	(0.0)	**522**	**(2.6)**
ZC	1	(0.1)	6	(0.6)	15	(1.5)	134	(13.1)	371	(36.2)	274	(26.7)	225	(21.9)	0	(0.0)	**1,026**	**(5.2)**
ZD	0	(0.0)	15	(3.4)	29	(6.6)	86	(19.7)	152	(34.8)	94	(21.5)	61	(14.0)	0	(0.0)	**437**	**(2.2)**
ZE	23	(5.3)	115	(26.3)	138	(31.5)	25	(5.7)	67	(15.3)	29	(6.6)	41	(9.4)	0	(0.0)	**438**	**(2.2)**
ZF	0	(0.0)	0	(0.0)	2	(3.0)	29	(43.9)	21	(31.8)	9	(13.6)	5	(7.6)	0	(0.0)	**66**	**(0.3)**
Total	**53**	**(0.3)**	**340**	**(1.7)**	**1,012**	**(5.1)**	**3,571**	**(18.0)**	**6,362**	**(32.1)**	**4,671**	**(23.5)**	**3,840**	**(19.3)**	**0**	**(0.0)**	19,849	(100.0)

Year / Organisation	LoS GROUP																			
	<1h		1h to <4h		4h to < 12h		12h to <24h		1d to <3d		3d to <7d		7d+		Unknown		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2018																		
A	1	(0.2)	10	(1.8)	27	(4.9)	171	(31.3)	175	(32.1)	104	(19.0)	58	(10.6)	0	(0.0)	**546**	**(2.7)**
C	1	(0.2)	8	(1.6)	39	(7.6)	134	(26.3)	148	(29.0)	108	(21.2)	72	(14.1)	0	(0.0)	**510**	**(2.5)**
D	0	(0.0)	9	(0.8)	46	(4.1)	201	(17.7)	384	(33.9)	251	(22.2)	242	(21.4)	0	(0.0)	**1,133**	**(5.6)**
E1	5	(0.5)	12	(1.1)	28	(2.6)	146	(13.6)	306	(28.6)	300	(28.0)	274	(25.6)	0	(0.0)	**1,071**	**(5.3)**
E2	0	(0.0)	3	(0.4)	17	(2.2)	54	(7.0)	306	(39.4)	197	(25.4)	198	(25.5)	1	(0.1)	**776**	**(3.9)**
F	0	(0.0)	12	(1.1)	41	(3.7)	157	(14.3)	369	(33.6)	304	(27.7)	213	(19.4)	1	(0.1)	**1,097**	**(5.4)**
H	0	(0.0)	6	(1.1)	28	(5.2)	80	(14.8)	180	(33.2)	145	(26.8)	102	(18.8)	1	(0.2)	**542**	**(2.7)**
I	0	(0.0)	3	(0.4)	21	(3.1)	151	(22.4)	231	(34.2)	158	(23.4)	111	(16.4)	0	(0.0)	**675**	**(3.4)**
K2	0	(0.0)	2	(0.6)	6	(1.9)	25	(7.7)	107	(33.0)	79	(24.4)	105	(32.4)	0	(0.0)	**324**	**(1.6)**
K3	1	(0.2)	4	(0.6)	30	(4.7)	106	(16.6)	184	(28.8)	194	(30.4)	120	(18.8)	0	(0.0)	**639**	**(3.2)**
L	0	(0.0)	6	(2.2)	16	(5.8)	35	(12.6)	80	(28.9)	92	(33.2)	48	(17.3)	0	(0.0)	**277**	**(1.4)**
M	1	(0.2)	16	(2.5)	41	(6.5)	136	(21.5)	198	(31.2)	134	(21.1)	108	(17.0)	0	(0.0)	**634**	**(3.1)**
N	0	(0.0)	8	(1.0)	12	(1.5)	169	(21.0)	318	(39.6)	185	(23.0)	110	(13.7)	1	(0.1)	**803**	**(4.0)**
O	0	(0.0)	7	(1.2)	13	(2.3)	81	(14.2)	186	(32.6)	142	(24.9)	141	(24.7)	1	(0.2)	**571**	**(2.8)**
P	1	(0.1)	14	(1.5)	39	(4.1)	189	(19.9)	291	(30.6)	205	(21.6)	212	(22.3)	0	(0.0)	**951**	**(4.7)**
Q	0	(0.0)	7	(0.9)	31	(4.2)	190	(25.5)	256	(34.4)	156	(21.0)	103	(13.8)	1	(0.1)	**744**	**(3.7)**
R	0	(0.0)	15	(1.7)	51	(5.8)	142	(16.2)	313	(35.7)	221	(25.2)	135	(15.4)	0	(0.0)	**877**	**(4.4)**
S	1	(0.3)	14	(4.4)	46	(14.5)	73	(23.0)	105	(33.0)	43	(13.5)	36	(11.3)	0	(0.0)	**318**	**(1.6)**
T	0	(0.0)	9	(1.6)	27	(4.8)	122	(21.7)	199	(35.5)	118	(21.0)	85	(15.2)	1	(0.2)	**561**	**(2.8)**
U	0	(0.0)	3	(0.9)	16	(5.0)	24	(7.5)	71	(22.1)	102	(31.8)	105	(32.7)	0	(0.0)	**321**	**(1.6)**
V	0	(0.0)	11	(0.9)	39	(3.2)	240	(19.8)	351	(29.0)	280	(23.1)	288	(23.8)	2	(0.2)	**1,211**	**(6.0)**
W	0	(0.0)	3	(0.4)	20	(2.8)	82	(11.5)	264	(36.9)	206	(28.8)	141	(19.7)	0	(0.0)	**716**	**(3.6)**
X1	16	(3.7)	21	(4.8)	20	(4.6)	65	(14.8)	129	(29.5)	98	(22.4)	89	(20.3)	0	(0.0)	**438**	**(2.2)**
X2	2	(0.5)	8	(2.1)	48	(12.3)	73	(18.7)	116	(29.7)	82	(21.0)	61	(15.6)	0	(0.0)	**390**	**(1.9)**
Y	2	(0.4)	3	(0.6)	14	(2.8)	125	(25.0)	131	(26.2)	114	(22.8)	111	(22.2)	0	(0.0)	**500**	**(2.5)**
Z	0	(0.0)	1	(0.3)	17	(4.3)	61	(15.4)	160	(40.4)	96	(24.2)	61	(15.4)	0	(0.0)	**396**	**(2.0)**
ZA	0	(0.0)	7	(0.8)	28	(3.3)	212	(24.9)	247	(29.0)	200	(23.4)	156	(18.3)	3	(0.4)	**853**	**(4.2)**
ZB	1	(0.2)	4	(0.8)	12	(2.4)	104	(20.8)	158	(31.5)	126	(25.1)	96	(19.2)	0	(0.0)	**501**	**(2.5)**
ZC	0	(0.0)	1	(0.1)	21	(2.1)	139	(13.6)	339	(33.1)	275	(26.9)	248	(24.2)	0	(0.0)	**1,023**	**(5.1)**
ZD	1	(0.2)	7	(1.7)	19	(4.7)	92	(22.7)	132	(32.6)	80	(19.8)	74	(18.3)	0	(0.0)	**405**	**(2.0)**
ZE	42	(16.8)	30	(12.0)	55	(22.0)	25	(10.0)	52	(20.8)	15	(6.0)	31	(12.4)	0	(0.0)	**250**	**(1.2)**
ZF	0	(0.0)	0	(0.0)	1	(1.1)	26	(28.3)	33	(35.9)	15	(16.3)	17	(18.5)	0	(0.0)	**92**	**(0.5)**
Total	**75**	**(0.4)**	**264**	**(1.3)**	**869**	**(4.3)**	**3,630**	**(18.0)**	**6,519**	**(32.4)**	**4,825**	**(24.0)**	**3,951**	**(19.6)**	**12**	**(0.1)**	**20,145**	**(100.0)**
Grand Total	**169**	**(0.3)**	**872**	**(1.4)**	**2,867**	**(4.8)**	**10,917**	**(18.1)**	**19,246**	**(31.9)**	**14,318**	**(23.8)**	**11,862**	**(19.7)**	**12**	**(0.0)**	**60,263**	**(100.0)**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) This table only includes length of stay information for children who were admitted during the reporting period.

3) Unknown includes patients who were not discharged from PICU at the time of final database lock

4) Length of stay is calculated as date of discharge minus date of admission for admissions occurring in the reporting period

OUTCOME DATA

This report presents data on admission outcomes: whether the patient survives PICU, their discharge destination, ventilator free days, and unplanned extubations. Additionally information on emergency readmissions within 48 hours is presented.

Previously we have produced funnel plots for emergency readmissions however the PICANet Outlier policy(REF12) has been updated and as such these will no longer be produced (Figure 46c-46c(iii)).

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TABLE 41 ADMISSIONS BY UNIT DISCHARGE STATUS AND AGE, 2016 - 2018

Table 41 presents the discharge status for each admission to PICU, for children (<16 years), for each year of the reporting period, by age group in years.

Rows in this table show the discharge status for admissions for children in each age group, by year. The 'Total' column shows the number of admissions where children were alive at discharge from PICU and where the child died in PICU, for each year of the reporting period.

Percentages in the white rows are column percentages, i.e. what proportion of admissions, in each age group, end with each discharge status, for each year of the reporting period. Percentages in the 'Total' column show row percentages i.e. the proportion of all admissions in a given year with each discharge status.

Discharge Status	AGE GROUP (YEARS) <1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016										
Alive	8,821	(96.1)	5,259	(97.3)	2,915	(97.0)	2,579	(96.2)	**19,574**	**(96.6)**
Dead	358	(3.9)	144	(2.7)	90	(3.0)	102	(3.8)	**694**	**(3.4)**
Total	**9,179**	**(45.3)**	**5,403**	**(26.7)**	**3,005**	**(14.8)**	**2,681**	**(13.2)**	20,268	(100.0)
2017										
Alive	8,427	(95.7)	4,924	(97.2)	3,001	(96.6)	2,770	(96.3)	**19,122**	**(96.3)**
Dead	377	(4.3)	140	(2.8)	105	(3.4)	105	(3.7)	**727**	**(3.7)**
Total	**8,804**	**(44.4)**	**5,064**	**(25.5)**	**3,106**	**(15.6)**	**2,875**	**(14.5)**	19,849	(100.0)
2018										
Alive	8,391	(96.3)	5,125	(97.0)	3,045	(96.5)	2,885	(96.6)	**19,446**	**(96.5)**
Dead	315	(3.6)	158	(3.0)	111	(3.5)	101	(3.4)	**685**	**(3.4)**
Unknown	8	(0.1)	2	(0.0)	1	(0.0)	1	(0.0)	**12**	**(0.1)**
Total	**8,714**	**(43.3)**	**5,285**	**(26.2)**	**3,157**	**(15.7)**	**2,987**	**(14.8)**	20,143	(100.0)
Grand Total	**26,697**	**(44.3)**	**15,752**	**(26.1)**	**9,268**	**(15.4)**	**8,543**	**(14.2)**	60,260	(100.0)

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) Percentages are column percentages, with the exception of 'Total' rows where row percentages are given

TABLE 42 ADMISSIONS BY UNIT DISCHARGE STATUS AND AGE (<1 YEAR), 2016 - 2018

Table 42 presents the discharge status for each admission to PICU, for children aged less than 1 year, for each year of the reporting period, by age group in months.

Rows in this table show the discharge status for admissions for children aged less than one year, in each age group, by year. The 'Total' column shows the number of admissions, for children aged less than one year, where the child was alive at discharge from PICU and where they died in PICU, for each year of the reporting period.

Percentages in the white rows are column percentages, i.e. what proportion of children aged less than one year, in each age group in months, had each discharge status at the end of their admission, for each year of the reporting period. Percentages in the 'Total' column show row percentages i.e. the proportion of all admissions in a given year with each discharge status for children aged less than one year.

Discharge Status	AGE GROUP (MONTHS) <1		1-2		3-5		6-11		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016										
Alive	2,620	(94.3)	2,152	(96.6)	1,916	(96.6)	2,133	(97.4)	**8,821**	**96.1**
Dead	158	(5.7)	76	(3.4)	68	(3.4)	56	(2.6)	**358**	**3.9**
Total	**2,778**	**(30.3)**	**2,228**	**(24.3)**	**1,984**	**(21.6)**	**2,189**	**(23.8)**	9,179	100
2017										
Alive	2,528	(93.1)	2,052	(96.8)	1,806	(96.4)	2,041	(97.3)	**8,427**	**95.7**
Dead	187	(6.9)	67	(3.2)	67	(3.6)	56	(2.7)	**377**	**4.3**
Total	**2,715**	**(30.8)**	**2,119**	**(24.1)**	**1,873**	**(21.3)**	**2,097**	**(23.8)**	8,804	100
2018										
Alive	2,568	(94.6)	1,910	(96.3)	1,786	(97.2)	2,127	(97.7)	**8,391**	**96.3**
Dead	146	(5.4)	74	(3.7)	49	(2.7)	46	(2.1)	**315**	**3.6**
Unknown	1	(0.0)	0	(0.0)	2	(0.1)	5	(0.2)	**8**	**0.1**
Total	**2,715**	**(31.2)**	**1,984**	**(22.8)**	**1,837**	**(21.1)**	**2,178**	**(25.0)**	8,714	100
Grand Total	**8,208**	**(30.7)**	**6,331**	**(23.7)**	**5,694**	**(21.3)**	**6,464**	**(24.2)**	26,697	100

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

TABLE 43 ADMISSIONS BY UNIT DISCHARGE STATUS AND SEX, 2016 - 2018

Table 43 shows the discharge status for each admission to PICU, for children (<16 years), for each year of the reporting period, by sex.

Rows in this table show the discharge status for admissions for children of each gender, by year. The 'Total' column shows the number of admissions where children were alive at discharge from PICU and where the child died in PICU, for each year of the reporting period.

Percentages in the white rows are column percentages, i.e. what proportion of admissions, for children of each gender, end with each discharge status, for each year of the reporting period. Percentages in the 'Total' column show row percentages i.e. the proportion of all admissions in a given year with each discharge status.

Discharge Status	SEX Male		Female		Ambiguous*		Total	
	n	(%)	n	(%)	n	(%)	n	(%)
2016								
Alive	11,066	(96.7)	8,508	(96.5)			**19,574**	**(96.6)**
Dead	382	(3.3)	312	(3.5)			**694**	**(3.4)**
Total	**11,448**	**(56.5)**	**8,820**	**(43.5)**			**20,268**	**(100.0)**
2017								
Alive	10,809	(96.5)	8,309	(96.1)			**19,118**	**(96.3)**
Dead	391	(3.5)	336	(3.9)			**727**	**(3.7)**
Total	**11,200**	**(56.4)**	**8,645**	**(43.6)**			**19,845**	**(100.0)**
2018								
Alive	11,081	(96.6)	8,362	(96.4)			**19,443**	**(96.5)**
Dead	381	(3.3)	303	(3.5)			**684**	**(3.4)**
Unknown	6	(0.1)	6	(0.1)			**12**	**(0.1)**
Total	**11,468**	**(56.9)**	**8,671**	**(43.1)**			**20,139**	**(100.0)**
Grand Total	**34,116**	**(56.6)**	**26,136**	**(43.4)**	**11**	**(<0.1)**	**60,263‡**	**(100.0)**

Notes

1) Children with unknown age are included in this table and therefore totals may differ from Table 41

2) Percentages are column percentages, with the exception of 'Total' rows where row percentages are given

3) * Discharge status is not shown for admissions where the child was of ambiguous sex due to statistical disclosure control

4) ‡ The grand total includes children of ambiguous sex, row totals exclude children of ambiguous sex and therefore the sum of total admissions for each year may not equal the grand total

5) Row totals and percentages excluded children of ambiguous sex with the exception of the 'Grand Total' row, where percentages are calculated using the grand total as the denominator

TABLE 44 ADMISSIONS BY UNIT DISCHARGE STATUS AND SEX (<1 YEAR), 2016 - 2018

Table 44 shows the discharge status for each admission to PICU, for children aged less than 1 year, for each year of the reporting period, by sex.

Rows in this table show the discharge status for admissions to PICU for children aged less than one year of each gender, by year. The 'Total' column shows the number of admissions, for children aged less than one year, where the child was alive at discharge from PICU and where they died in PICU, for each year of the reporting period.

Percentages in the white rows are column percentages, i.e. what proportion of children aged less than one year, in each age group in months, had each discharge status at the end of their admission, for each year of the reporting period. Percentages in the 'Total' column show row percentages i.e. the proportion of all admissions for children aged less than one year in a given year with each discharge status.

Discharge Status	SEX Male		Female		Ambiguous		Total	
	n	(%)	n	(%)	n	(%)	n	(%)
2016								
Alive	5,107	(96.3)	3,713	(95.9)			**8,820**	**(96.1)**
Dead	198	(3.7)	160	(4.1)			**358**	**(3.9)**
Total	**5,305**	**(57.8)**	**3,873**	**(42.2)**			**9,178**	**(100.0)**
2017								
Alive	4,869	(96.1)	3,555	(95.3)			**8,424**	**(95.7)**
Dead	200	(3.9)	177	(4.7)			**377**	**(4.3)**
Total	**5,069**	**(57.6)**	**3,732**	**(42.4)**			**8,801**	**(100.0)**
2018								
Alive	4,979	(96.4)	3,410	(96.1)			**8,389**	**(96.3)**
Dead	181	(3.5)	133	(3.7)			**314**	**(3.6)**
Unknown	4	(0.1)	4	(0.1)			**8**	**(0.1)**
Total	**5,164**	**(59.3)**	**3,547**	**(40.7)**			**8,711**	**(100.0)**
Grand Total	**15,538**	**(58.2)**	**11,152**	**(41.8)**	**7**	**(<0.1)**	**26,697**	**(100.0)**

Notes

1) Children with unknown age are included in this table and therefore totals may differ from Table 42

2) Percentages are column percentages, with the exception of 'Total' rows where row percentages are given

3) * Discharge status is not shown for admissions where the child was of ambiguous sex due to statistical disclosure control

4) ‡ The grand total includes children of ambiguous sex, row totals exclude children of ambiguous sex and therefore the sum of total admissions for each year may not equal the grand total

5) Row totals and percentages excluded children of ambiguous sex with the exception of the 'Grand Total' row, where percentages are calculated using the grand total as the denominator

TABLE 45 ADMISSIONS BY UNIT DISCHARGE STATUS, BY HEALTH ORGANISATION, 2016 - 2018

Table 45 shows the discharge status for each admission to PICU, for children (<16 years), for each year of the reporting period, by organisation.

Rows in this table show the discharge status for admissions to PICU for each organisation, by year. The 'Total' column shows the number of admissions to each PICU for each year of the reporting period.

Percentages in the white rows are column percentages, i.e. what proportion of admissions ended with each discharge status, by organisation, for each year of the reporting period. Percentages in the 'Total' column show row percentages i.e. the proportion of all admissions are to a given organisation in a given year.

Year / Organisation	DISCHARGE STATUS					
	Alive		Dead		Total	
	n	(%)	n	(%)	n	(%)
2016						
A	631	(97.1)	19	(2.9)	**650**	**(3.2)**
C	519	(97.9)	11	(2.1)	**530**	**(2.6)**
D	692	(94.5)	40	(5.5)	**732**	**(3.6)**
E1	947	(95.6)	44	(4.4)	**991**	**(4.9)**
E2	830	(97.1)	25	(2.9)	**855**	**(4.2)**
F	1,119	(97.0)	35	(3.0)	**1,154**	**(5.7)**
H	556	(96.5)	20	(3.5)	**576**	**(2.8)**
I	721	(96.3)	28	(3.7)	**749**	**(3.7)**
K2	302	(96.8)	10	(3.2)	**312**	**(1.5)**
K3	608	(97.4)	16	(2.6)	**624**	**(3.1)**
L	262	(97.4)	7	(2.6)	**269**	**(1.3)**
M	617	(97.3)	17	(2.7)	**634**	**(3.1)**
N	833	(98.6)	12	(1.4)	**845**	**(4.2)**
O	568	(97.3)	16	(2.7)	**584**	**(2.9)**
P	876	(93.0)	66	(7.0)	**942**	**(4.6)**
Q	705	(97.8)	16	(2.2)	**721**	**(3.6)**
R	857	(97.3)	24	(2.7)	**881**	**(4.3)**
S	159	(97.5)	4	(2.5)	**163**	**(0.8)**
T	584	(97.5)	15	(2.5)	**599**	**(3.0)**
U	307	(93.3)	22	(6.7)	**329**	**(1.6)**
V	1,327	(94.2)	82	(5.8)	**1,409**	**(7.0)**
W	664	(95.3)	33	(4.7)	**697**	**(3.4)**
X1	443	(97.6)	11	(2.4)	**454**	**(2.2)**
X2	394	(99.0)	4	(1.0)	**398**	**(2.0)**
Y	500	(97.1)	15	(2.9)	**515**	**(2.5)**
Z	381	(97.4)	10	(2.6)	**391**	**(1.9)**
ZA	950	(97.8)	21	(2.2)	**971**	**(4.8)**
ZB	548	(98.4)	9	(1.6)	**557**	**(2.7)**
ZC	992	(96.2)	39	(3.8)	**1,031**	**(5.1)**
ZD	356	(96.2)	14	(3.8)	**370**	**(1.8)**
ZE	240	(96.4)	9	(3.6)	**249**	**(1.2)**
ZF	87	(100.0)	0	(0.0)	**87**	**(0.4)**
Total	**19,575**	**(96.6)**	**694**	**(3.4)**	**20,269**	**(100.0)**

Year / Organisation	DISCHARGE STATUS					
	Alive		Dead		Total	
	n	(%)	n	(%)	n	(%)
2017						
A	589	(95.8)	26	(4.2)	**615**	**(3.1)**
C	483	(98.0)	10	(2.0)	**493**	**(2.5)**
D	541	(93.4)	38	(6.6)	**579**	**(2.9)**
E1	878	(92.3)	73	(7.7)	**951**	**(4.8)**
E2	740	(96.9)	24	(3.1)	**764**	**(3.8)**
F	1,060	(97.7)	25	(2.3)	**1,085**	**(5.5)**
H	473	(95.2)	24	(4.8)	**497**	**(2.5)**
I	674	(94.8)	37	(5.2)	**711**	**(3.6)**
K2	280	(95.9)	12	(4.1)	**292**	**(1.5)**
K3	633	(98.0)	13	(2.0)	**646**	**(3.3)**
L	280	(96.9)	9	(3.1)	**289**	**(1.5)**
M	609	(97.4)	16	(2.6)	**625**	**(3.1)**
N	721	(98.4)	12	(1.6)	**733**	**(3.7)**
O	571	(97.3)	16	(2.7)	**587**	**(3.0)**
P	923	(93.7)	62	(6.3)	**985**	**(5.0)**
Q	714	(97.5)	18	(2.5)	**732**	**(3.7)**
R	885	(96.6)	31	(3.4)	**916**	**(4.6)**
S	288	(98.0)	6	(2.0)	**294**	**(1.5)**
T	591	(96.7)	20	(3.3)	**611**	**(3.1)**
U	305	(95.6)	14	(4.4)	**319**	**(1.6)**
V	1,276	(94.3)	77	(5.7)	**1,353**	**(6.8)**
W	701	(96.8)	23	(3.2)	**724**	**(3.6)**
X1	377	(97.2)	11	(2.8)	**388**	**(2.0)**
X2	364	(98.1)	7	(1.9)	**371**	**(1.9)**
Y	488	(98.2)	9	(1.8)	**497**	**(2.5)**
Z	400	(98.3)	7	(1.7)	**407**	**(2.1)**
ZA	870	(97.1)	26	(2.9)	**896**	**(4.5)**
ZB	504	(96.6)	18	(3.4)	**522**	**(2.6)**
ZC	984	(95.9)	42	(4.1)	**1,026**	**(5.2)**
ZD	419	(95.9)	18	(4.1)	**437**	**(2.2)**
ZE	436	(99.5)	2	(0.5)	**438**	**(2.2)**
ZF	65	(98.5)	1	(1.5)	**66**	**(0.3)**
Total	**19,122**	**(96.3)**	**727**	**(3.7)**	19,849	(100.0)

Year / Organisation	DISCHARGE STATUS					
	Alive		Dead		Total	
	n	(%)	n	(%)	n	(%)
2018						
A	534	(97.8)	12	(2.2)	**546**	**(2.7)**
C	488	(95.7)	22	(4.3)	**510**	**(2.5)**
D	1,089	(96.1)	44	(3.9)	**1,133**	**(5.6)**
E1	1,016	(94.9)	55	(5.1)	**1,071**	**(5.3)**
E2	757	(97.7)	18	(2.3)	**775**	**(3.8)**
F	1,074	(98.0)	22	(2.0)	**1,096**	**(5.4)**
H	515	(95.2)	26	(4.8)	**541**	**(2.7)**
I	635	(94.1)	40	(5.9)	**675**	**(3.4)**
K2	318	(98.1)	6	(1.9)	**324**	**(1.6)**
K3	616	(96.4)	23	(3.6)	**639**	**(3.2)**
L	270	(97.5)	7	(2.5)	**277**	**(1.4)**
M	612	(96.5)	22	(3.5)	**634**	**(3.1)**
N	786	(98.0)	16	(2.0)	**802**	**(4.0)**
O	559	(98.1)	11	(1.9)	**570**	**(2.8)**
P	906	(95.3)	45	(4.7)	**951**	**(4.7)**
Q	718	(96.6)	25	(3.4)	**743**	**(3.7)**
R	865	(98.6)	12	(1.4)	**877**	**(4.4)**
S	316	(99.4)	2	(0.6)	**318**	**(1.6)**
T	553	(98.8)	7	(1.3)	**560**	**(2.8)**
U	305	(95.0)	16	(5.0)	**321**	**(1.6)**
V	1,124	(93.0)	85	(7.0)	**1,209**	**(6.0)**
W	688	(96.1)	28	(3.9)	**716**	**(3.6)**
X1	426	(97.3)	12	(2.7)	**438**	**(2.2)**
X2	378	(96.9)	12	(3.1)	**390**	**(1.9)**
Y	490	(98.0)	10	(2.0)	**500**	**(2.5)**
Z	384	(97.0)	12	(3.0)	**396**	**(2.0)**
ZA	827	(97.3)	23	(2.7)	**850**	**(4.2)**
ZB	489	(97.6)	12	(2.4)	**501**	**(2.5)**
ZC	978	(95.6)	45	(4.4)	**1,023**	**(5.1)**
ZD	391	(96.5)	14	(3.5)	**405**	**(2.0)**
ZE	249	(99.6)	1	(0.4)	**250**	**(1.2)**
ZF	92	(100.0)	0	(0.0)	**92**	**(0.5)**
Total	**19,448**	**(96.6)**	**685**	**(3.4)**	20,133	(100.0)
Grand Total	**58,145**	**(96.5)**	**2,106**	**(3.5)**	**60,251**	**(100.0)**

Notes

1) Admissions with unknown discharge status are excluded from this table (n=12)

TABLE 45a DEATH IN PICU, BY COUNTRY OF ADMISSION, 2016 - 2018

Table 45a shows the number of admissions where a child (<16 years) died in PICU, for each year of the reporting period, by country of PICU admission.

Rows in this table show the number of deaths in PICU for each country, by year. The 'Total' column shows the number of deaths in each country for the whole reporting period combined. Data for England are split into NHS and non-NHS PICUs.

Percentages in the white rows are column percentages, i.e. in what proportion of admissions in each country did the child die in PICU, for each year of the reporting period. Percentages in the 'Total' column show column percentages i.e. in what proportion of admissions in the reporting period, in each country did the child die in PICU.

	2016		2017		2018		Total	
Country of PICU	n	(%)	n	(%)	n	(%)	n	(%)
England (NHS)	585	(3.6)	604	(3.8)	559	(3.4)	**1,748**	**(3.6)**
Scotland	36	(2.4)	35	(2.5)	33	(2.4)	**104**	**(2.5)**
Northern Ireland	9	(1.6)	18	(3.4)	12	(2.4)	**39**	**(2.5)**
Wales	11	(2.1)	10	(2.0)	22	(4.3)	**43**	**(2.8)**
Republic of Ireland	53	(3.8)	60	(4.1)	59	(4.1)	**172**	**(4.0)**
Total	**685**	**(3.4)**	**724**	**(3.7)**	**684**	**(3.4)**	**2,106**	**(3.5)**

TABLE 45b DEATH IN PICU, AS A PROPORTION OF ALL CHILD DEATHS, BY COUNTRY OF ADMISSION, 2016 - 2018

Table 45b shows the number of a child deaths in the general population and the number of child deaths in PICU alongisde the proportion of all child deaths this relates to.

Country of PICU	2016			2017			2018		
	Deaths in pop.	Deaths in PICU		Deaths in pop.	Deaths in PICU		Deaths in pop.	Deaths in PICU	
	N	n	(%)	N	n	(%)	N	n	(%)
UK	4,198	641	(15.3)	4,133	667	(16.1)	4,028	626	(15.5)
Republic of Ireland	280	53	(18.9)	259	60	(60.0)	279	59	(21.1)
Total	**4,478**	**694**	**(15.5)**	**4,392**	**727**	**(16.6)**	**4,307**	**685**	**(15.9)**

Notes

1) pop. = population

2) Based on country of admission

3) For 2017 and 2018, the numbers of total deaths for the Republic of Ireland and Northern Ireland are provisional and subject to change

4) Number of deaths in the child population is based on the msot recent data at the time of analysis, specifically:

England 2018[REF(14)]

Wales 2018[REF(14)]

Scotland 2018[REF(15)]

Northern Ireland 2017[REF(16)] with 2018 data provided via information request[(REF17)]

Republic of Ireland via information request to the Central Statistics Office (CSO)[(REF18)]

TABLE 46 ADMISSIONS BY UNIT DISCHARGE DESTINATION AND AGE, 2016 - 2018

Table 46 shows the discharge destination for each admission to PICU, for children (<16 years) discharged alive from PICU, by age group in years, for the three year reporting period combined.

Rows in this table show the discharge destination for admissions, for the whole reporting period combined, by age group of the patient. The 'Total' column shows the number of admissions where patients were discharged to each destination, over the whole reporting period combined.

Percentages in the white rows are row percentages, i.e. the proportion of admissions, where the patient was discharged alive, where patients were discharged to each destination, for the whole reporting period combined. Percentages in the 'Total' column show column percentages i.e. the proportion of all admissions in the reporting period where patients were discharged to each destination.

Discharge Destination	AGE GROUP (YEARS) <1		1-4		5-10		11-15		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
Normal residence	716	(18.7)	1,548	(40.5)	905	(23.7)	651	(17.0)	**3,820**	**(6.6)**
Hospice	262	(67.0)	45	(11.5)	46	(11.8)	38	(9.7)	**391**	**(0.7)**
Same hospital	20,301	(43.5)	12,171	(26.1)	7,269	(15.6)	6,977	(14.9)	**46,718**	**(80.4)**
Other hospital	4,242	(60.5)	1,503	(21.4)	721	(10.3)	550	(7.8)	**7,016**	**(12.1)**
Unknown	118	(59.9)	41	(20.8)	20	(10.2)	18	(9.1)	**197**	**(0.3)**
Total	**25,639**	**(44.1)**	**15,308**	**(26.3)**	**8,961**	**(15.4)**	**8,234**	**(14.2)**	**58,142**	**(100.0)**

Notes

1) Admissions where the child's age is unknown are excluded from this table (n=3)

2) This table only includes admissions where the child was known to be discharged from PICU alive i.e. admissions where the patient died on PICU (n=2,106) or where discharge status is unknown (n=12) were excluded from this analysis.

TABLE 46a VENTILATOR FREE DAYS, BY PIM3 GROUP, BY HEALTH ORGANISATION, 2016 - 2018

Table 46a gives the number of Ventilator Free Days (VFD), for each year of the reporting period, by organisation and by Paediatric Index of Mortality 3 (PIM3) risk group.

VFD was developed as an outcome measure, which is particularly sensitive to respiratory function[REF(5)].

The outcome is defined as the number of days free of invasive ventilation in the first four weeks after admission if the child survives and zero days if they die within that period, representing a combination of ventilation and mortality. No account is taken of re-admission during that period, or of non-invasive ventilation. Recording of 30-day post discharge mortality is incomplete (see Table 51) so some deaths will have been missed and the VFD inflated.

This table presents the median and interquartile range for the number of ventilator free days, by PIM3 risk of mortality group, for each organisation and for each year of the reporting period.

Year / Organisation	PIM3 GROUP <1% Med	<1% IQR	1 - <5% Med	1 - <5% IQR	5 - <15% Med	5 - <15% IQR	15 - <30% Med	15 - <30% IQR	30%+ Med	30%+ IQR	Total Med	Total IQR
2016												
A	28	(27-28)	27	(23-28)	24	(19-26)	22.5	(19-26)	0	(0-0)	**28**	**(25-28)**
C	28	(27-28)	27	(24-28)	23.5	(19-27)	17	(10-27)	0	(0-17)	**28**	**(24-28)**
D	28	(26-28)	25	(21-28)	21.5	(9-25)	22	(18-25)	0	(0-13)	**25**	**(21-28)**
E1	26	(25-28)	25	(22-27)	23	(17-25)	23	(13-25)	12	(0-17)	**25**	**(22-27)**
E2	26	(25-27)	25	(21-26)	23	(14-25)	19	(0-23)	0	(0-23)	**26**	**(23-27)**
F	26	(25-27)	26	(24-27)	25	(20-26)	22	(0-25)	0	(0-22)	**26**	**(24-27)**
H	28	(26-28)	27	(24-28)	25	(19-26)	21	(0-23)	0	(0-0)	**27**	**(24-28)**
I	27	(26-27)	25	(21-27)	22	(17-26)	15	(0-22)	0	(0-6)	**26**	**(22-27)**
K2	27	(25-27)	25	(21-27)	20.5	(10-24)	16	(2-18)	0	(0-7)	**25.5**	**(21-27)**
K3	28	(26-28)	26	(24-28)	24	(21-26)	21	(21-26)	0	(0-14)	**26**	**(24-28)**
L	26	(25-28)	26	(23-28)	25	(24-26)	22	(19-27)	0	(0-25)	**26**	**(24-28)**
M	28	(27-28)	27	(24-28)	25	(19-28)	20	(15-24)	0	(0-0)	**28**	**(25-28)**
N	28	(28-28)	28	(24-28)	23.5	(16-26)	18	(0-24)	0	(0-14)	**28**	**(26-28)**
O	26	(25-27)	26	(24-28)	25	(15-26)	17.5	(3-21)	21	(6-25)	**26**	**(23-28)**
P	27	(25-28)	25	(20-27)	24	(15-26)	24	(0-25)	0	(0-16)	**25**	**(21-27)**
Q	28	(28-28)	27	(24-28)	26	(22-27)	26.5	(13-27)	0	(0-24)	**28**	**(25-28)**
R	26	(25-27)	26	(24-27)	23	(20-26)	20	(0-25)	0	(0-23)	**26**	**(23-27)**
S	28	(28-28)	27	(24-28)	25.5	(23-28)			0	(0-0)	**28**	**(25-28)**
T	28	(26-28)	26	(23-28)	25	(19-27)	25.5	(16-26)	0	(0-0)	**27**	**(24-28)**
U	26	(24-27)	23	(21-26)	22	(16-25)	22	(0-25)	0	(0-0)	**24**	**(20-26)**
V	27	(26-28)	26	(23-27)	24	(18-26)	19.5	(0-24)	0	(0-20)	**26**	**(22-27)**
W	27	(26-28)	25	(22-27)	23	(19-26)	19	(0-24)	0	(0-13)	**26**	**(23-28)**
X1	27	(26-28)	27	(24-28)	22	(16-25)	22	(16-25)	22.5	(16-25)	**27**	**(24-27)**
X2	28	(27-28)	28	(25-28)	22	(21-25)	23	(7-26)	24	(24-24)	**28**	**(25-28)**
Y	28	(27-28)	26	(23-28)	23	(17-27)	26.5	(13-28)	0	(0-0)	**28**	**(24-28)**
Z	28	(26-28)	27.5	(25-28)	25	(22-26)	0	(0-0)	13	(0-26)	**27**	**(24-28)**
ZA*												
ZB	28	(26-28)	27	(24-28)	25	(19-27)	23	(23-24)	0	(0-24)	**27**	**(24-28)**
ZC	27	(26-28)	26	(23-28)	24	(19-26)	20	(0-26)	0	(0-19)	**26**	**(23-28)**
ZD	28	(26-28)	25	(22-27)	22.5	(19-26)	8	(0-23)	0	(0-14)	**26**	**(22-28)**
ZE	28	(27-28)	28	(21-28)	18.5	(5-28)	0	(0-14)	0	(0-0)	**28**	**(26-28)**
ZF	28	(28-28)	28	(24-28)	28	(28-28)	0	(0-0)			**28**	**(28-28)**
Total	**27**	**(26-28)**	**26**	**(23-28)**	**24**	**(18-26)**	**21**	**(0-25)**	**0**	**(0-19)**	26	(23-28)

Year / Organisation	PIM3 GROUP <1% Med	<1% IQR	1 - <5% Med	1 - <5% IQR	5 - <15% Med	5 - <15% IQR	15 - <30% Med	15 - <30% IQR	30%+ Med	30%+ IQR	Total Med	Total IQR
2017												
A	28	(28-28)	28	(25-28)	23	(21-26)	23	(6-26)	0	(0-20)	**28**	**(25-28)**
C	28	(27-28)	27	(25-28)	24	(21-26)	19	(0-25)	13	(0-22)	**28**	**(24-28)**
D	27	(24-28)	24	(20-28)	22	(15-25)	23	(4-27)	0	(0-20)	**24**	**(20-28)**
E1	26	(24-28)	26	(22-28)	23	(13-26)	9.5	(0-22)	0	(0-22)	**25**	**(21-27)**
E2	26	(25-27)	25	(21-27)	21	(10-24)	20.5	(9-25)	0	(0-2)	**26**	**(23-27)**
F	26	(25-27)	26	(23-27)	24	(20-26)	23	(18-24)	10	(0-25)	**26**	**(24-27)**
H	28	(25-28)	26	(24-28)	24	(19-26)	19	(0-25)	0	(0-0)	**26**	**(24-28)**
I	27	(26-27)	25	(21-27)	24	(16-26)	20	(10-24)	0	(0-19)	**26**	**(22-27)**
K2	27	(26-27)	25	(21-27)	20.5	(10-28)	11	(0-22)	9	(0-25)	**26**	**(22-27)**
K3	28	(26-28)	26	(23-28)	25	(22-26)	21	(6-26)	9.5	(0-21)	**26**	**(24-28)**
L	26	(24-28)	25	(23-27)	25	(21-26)	17	(0-24)	0	(0-0)	**25**	**(23-27)**
M	28	(27-28)	27	(24-28)	24	(21-27)	24	(12-26)	0	(0-23)	**28**	**(25-28)**
N	28	(28-28)	27	(24-28)	23	(17-26)	22	(20-26)	8.5	(0-20)	**28**	**(26-28)**
O	27	(26-28)	26	(25-28)	23	(14-26)	23	(14-25)	24	(20-24)	**26**	**(24-28)**
P	28	(25-28)	25	(21-26)	22	(13-25)	16	(0-24)	14	(0-23)	**25**	**(21-27)**
Q	28	(28-28)	27	(25-28)	25	(20-27)	24.5	(17-27)	0	(0-27)	**28**	**(25-28)**
R	26	(25-27)	26	(23-27)	25	(22-26)	21	(0-25)	0	(0-19)	**26**	**(24-27)**
S	28	(28-28)	28	(27-28)	25	(0-27)	13.5	(0-27)	0	(0-14)	**28**	**(28-28)**
T	28	(26-28)	27	(23-28)	24	(21-27)	24	(0-26)	0	(0-0)	**28**	**(24-28)**
U	25	(23-27)	25	(22-28)	23	(19-25)	20	(1-25)	0	(0-0)	**24**	**(22-27)**
V	27	(26-28)	26	(22-27)	23	(17-26)	21	(0-25)	0	(0-0)	**26**	**(22-27)**
W	26	(25-28)	25	(22-27)	24	(20-26)	18	(0-21)	0	(0-0)	**26**	**(22-27)**
X1	27	(26-28)	26	(22-28)	22	(19-26)	19.5	(0-27)	22	(9-27)	**27**	**(23-27)**
X2	28	(26-28)	27	(24-28)	23	(20-26)	0	(0-23)	23.5	(19-28)	**27**	**(24-28)**
Y	28	(27-28)	26	(23-28)	23	(18-25)	10.5	(0-21)	3	(0-16)	**27**	**(24-28)**
Z	28	(26-28)	28	(26-28)	26	(22-28)	23	(20-26)	0	(0-0)	**28**	**(25-28)**
ZA	28	(26-28)	26	(22-28)	23	(3-26)	0	(0-22)	2.5	(0-7)	**27**	**(24-28)**
ZB	28	(26-28)	26	(23-28)	23	(16-25)	25	(22-26)	0	(0-24)	**27**	**(24-28)**
ZC	27	(26-28)	26	(24-28)	22.5	(14-27)	16	(0-25)	0	(0-0)	**26**	**(23-28)**
ZD	27.5	(26-28)	27	(24-28)	24	(20-27)	3	(0-25)	0	(0-0)	**27**	**(24-28)**
ZE	28	(28-28)	27	(21-28)	28	(28-28)					**28**	**(28-28)**
ZF	28	(28-28)	28	(28-28)	28	(28-28)					**28**	**(28-28)**
Total	**27**	**(26-28)**	**26**	**(23-28)**	**24**	**(18-26)**	**20**	**(0-25)**	**0**	**(0-20)**	26	(23-28)

Year / Organisation	PIM3 GROUP <1% Med	<1% IQR	1 - <5% Med	1 - <5% IQR	5 - <15% Med	5 - <15% IQR	15 - <30% Med	15 - <30% IQR	30%+ Med	30%+ IQR	Total Med	Total IQR
2018												
A	28	(28-28)	28	(25-28)	24	(19-26)	23	(0-24)	15.5	(0-26)	**28**	**(25-28)**
C	28	(27-28)	27	(24-28)	22	(16-26)	13	(0-25)	0	(0-21)	**28**	**(24-28)**
D	28	(28-28)	28	(23-28)	21	(12-28)	21	(0-25)	0	(0-20)	**28**	**(25-28)**
E1	26	(25-28)	26	(23-28)	23	(20-26)	21	(9-25)	0	(0-0)	**26**	**(23-27)**
E2	26	(26-27)	26	(22-27)	22	(14-26)	16	(0-19)	25	(6-25)	**26**	**(24-27)**
F	26	(25-27)	26	(24-27)	24	(19-26)	22	(20-24)	17.5	(0-21)	**26**	**(23-27)**
H	27	(25-28)	26	(24-28)	24	(18-26)	19.5	(0-27)	0	(0-0)	**26**	**(24-28)**
I	27	(26-27)	26	(23-27)	24	(20-26)	17.5	(0-24)	0	(0-0)	**26**	**(23-27)**
K2	26	(24-27)	25	(20-27)	17	(3-25)	17.5	(0-27)	6.5	(0-13)	**25**	**(20-27)**
K3	28	(25-28)	26	(23-28)	24.5	(19-26)	22	(0-27)	0	(0-0)	**27**	**(23-28)**
L	26	(24-28)	25	(23-28)	24	(21-25)	23	(11-26)	0	(0-0)	**25**	**(23-28)**
M	28	(26-28)	28	(24-28)	25	(23-27)	21	(13-24)	0	(0-23)	**28**	**(25-28)**
N	28	(28-28)	27	(23-28)	24	(16-28)	23	(0-24)	0	(0-0)	**28**	**(25-28)**
O	27	(26-28)	26	(25-28)	25.5	(22-28)	22.5	(0-26)	22	(0-25)	**26**	**(25-28)**
P	27	(24-28)	25	(20-26)	24	(17-26)	22	(0-26)	14.5	(0-22)	**25**	**(21-27)**
Q	28	(28-28)	28	(25-28)	25	(21-27)	23	(12-27)	0	(0-23)	**28**	**(25-28)**
R	26	(25-27)	26	(24-27)	25	(21-26)	23	(16-24)	16.5	(0-24)	**26**	**(24-27)**
S	28	(28-28)	28	(28-28)	27	(25-28)	24	(21-27)			**28**	**(28-28)**
T	28	(26-28)	27	(24-28)	26	(21-28)	9.5	(0-25)	0	(0-0)	**28**	**(24-28)**
U	25.5	(23-28)	23	(21-27)	19	(12-24)	1	(0-12)	0	(0-11)	**24**	**(21-27)**
V	27	(26-28)	26	(22-27)	24	(19-26)	20	(0-25)	0	(0-17)	**26**	**(21-27)**
W	26	(25-28)	26	(23-27)	24	(20-26)	20	(6-23)	0	(0-22)	**26**	**(23-27)**
X1	27	(26-27)	26	(23-28)	24	(21-27)	22.5	(14-25)	23	(21-24)	**27**	**(24-28)**
X2	28	(26-28)	27	(24-28)	25	(22-28)	0	(0-15)	9	(0-21)	**28**	**(25-28)**
Y	28	(27-28)	27	(23-28)	25	(21-27)	0	(0-0)	0	(0-0)	**28**	**(24-28)**
Z	28	(26-28)	28	(25-28)	25	(23-27)	23	(0-25)	11.5	(0-24)	**28**	**(25-28)**
ZA	28	(26-28)	26	(22-28)	23	(16-26)	21.5	(0-24)	0	(0-22)	**27**	**(24-28)**
ZB	28	(27-28)	27	(24-28)	23.5	(19-26)	20	(0-23)	10	(0-23)	**28**	**(24-28)**
ZC	27	(25-28)	26	(24-28)	22.5	(13-26)	10	(0-22)	0	(0-0)	**26**	**(23-28)**
ZD	27	(26-28)	26	(23-28)	22	(20-25)	17	(6-25)	7	(0-20)	**26**	**(23-28)**
ZE	28	(28-28)	28	(24-28)	0	(0-0)					**28**	**(28-28)**
ZF	28	(28-28)	28	(27-28)	25	(19-28)	28	(28-28)			**28**	**(28-28)**
Total	**27**	**(26-28)**	**26**	**(23-28)**	**24**	**(19-26)**	**21**	**(0-25)**	**0**	**(0-21)**	27	(24-28)
Grand Total	**27**	**(26-28)**	**26**	**(23-28)**	**24**	**(18-26)**	**20.5**	**(0-25)**	**0**	**(0-20)**	26	(24 - 28)

Notes

1) A blank cell means that there are no cases in that cell; a zero means that there are cases and their median VFD is zero.

2) *Organisation ZA did not submit PIM3 data prior to 2017 and is therefore excluded for 2016

3) The categorisation into <1%, 1-<5%, 5%-<15%, 15-<30% and 30% plus expected probability of mortality reflects those used by the Australian and New Zealand Intensive Care Society (ANZPICS)[REF(3)] for comparability.

4) The expected probability of mortality was estimated using the Paediatric Index of Mortality 3 (PIM3)[REF(4)] recalibrated in 2019.

TABLE 46b EMERGENCY READMISSIONS WITHIN 48 HOURS OF DISCHARGE BY ADMISSION TYPE, BY HEALTH ORGANISATION, 2016 - 2018

Table 46b shows the number and percentage of admissions where the child (<16 years) was re-admitted to PICU within two days of discharge as emergencies to the same unit, broken down by initial admission type and organisation, for each year of the reporting period.

Rows in this table show the number of admissions, number of emergency readmissions to the same unit within two days of discharge and the proportion of admissions this represents, by organisation, for each year of the reporting period and for each admission type. The 'Total' column shows the number of admissions, the number of readmissions within two days of discharge and the proportion of re-admissions this represented, for each organisation for each year of the reporting period.

	ADMISSION TYPE																	
Year / Organisation	Planned - following surgery			Unplanned - following surgery			Planned - other			Unplanned - other			Unknown			Total		
	n	re-ad	(%)	n	re-ad	(%)	n	re-ad	(%)	n	re-ad	(%)	n	re-ad	(%)	n	re-ad	(%)
2016																		
A	171	1	(0.6)	46	0	(0.0)	57	0	(0.0)	375	7	(1.9)	1	0	(0.0)	**650**	**8**	**(1.2)**
C	145	1	(0.7)	28	0	(0.0)	10	0	(0.0)	347	5	(1.4)	0	0	(.)	**530**	**6**	**(1.1)**
D	136	1	(0.7)	67	1	(1.5)	9	0	(0.0)	519	3	(0.6)	1	0	(0.0)	**732**	**5**	**(0.7)**
E1	214	2	(0.9)	45	2	(4.4)	172	2	(1.2)	560	9	(1.6)	0	0	(.)	**991**	**15**	**(1.5)**
E2	594	4	(0.7)	14	0	(0.0)	59	1	(1.7)	188	4	(2.1)	0	0	(.)	**855**	**9**	**(1.1)**
F	413	7	(1.7)	53	0	(0.0)	54	2	(3.7)	634	17	(2.7)	0	0	(.)	**1,154**	**26**	**(2.3)**
H	139	3	(2.2)	41	1	(2.4)	37	0	(0.0)	359	3	(0.8)	0	0	(.)	**576**	**7**	**(1.2)**
I	358	5	(1.4)	52	2	(3.8)	17	0	(0.0)	322	6	(1.9)	0	0	(.)	**749**	**13**	**(1.7)**
K2	181	1	(0.6)	13	0	(0.0)	35	1	(2.9)	83	2	(2.4)	0	0	(.)	**312**	**4**	**(1.3)**
K3	156	2	(0.6)	70	0	(0.0)	21	0	(0.0)	377	4	(1.1)	0	0	(.)	**624**	**6**	**(1.0)**
L	20	0	(0.0)	5	0	(0.0)	12	1	(8.3)	232	2	(0.9)	0	0	(.)	**269**	**3**	**(1.1)**
M	155	1	(0.6)	41	0	(0.0)	30	1	(3.3)	407	13	(3.2)	1	0	(0.0)	**634**	**15**	**(2.4)**
N	334	2	(0.6)	26	0	(0.0)	19	1	(5.3)	466	7	(1.5)	0	0	(.)	**845**	**10**	**(1.2)**
O	314	0	(0.0)	6	0	(0.0)	31	1	(3.2)	232	2	(0.9)	1	0	(0.0)	**584**	**3**	**(0.5)**
P	392	7	(1.8)	27	0	(0.0)	19	2	(10.5)	504	15	(3.0)	0	0	(.)	**942**	**24**	**(2.5)**
Q	189	0	(0.0)	44	1	(2.3)	34	2	(5.9)	452	12	(2.7)	2	0	(0.0)	**721**	**15**	**(2.1)**
R	326	8	(2.5)	29	2	(6.9)	13	0	(0.0)	513	8	(1.6)	0	0	(.)	**881**	**18**	**(2.0)**
S	18	0	(0.0)	1	0	(0.0)	6	0	(0.0)	138	1	(0.7)	0	0	(.)	**163**	**1**	**(0.6)**
T	163	3	(1.8)	27	0	(0.0)	9	0	(0.0)	399	6	(1.5)	1	0	(0.0)	**599**	**9**	**(1.5)**
U	22	0	(0.0)	16	0	(0.0)	3	0	(0.0)	288	2	(0.7)	0	0	(.)	**329**	**2**	**(0.6)**
V	454	6	(1.3)	82	3	(3.7)	44	2	(4.5)	829	22	(2.7)	0	0	(.)	**1,409**	**33**	**(2.3)**
W	291	5	(1.7)	35	1	(2.9)	10	0	(0.0)	361	4	(1.1)	0	0	(.)	**697**	**10**	**(1.4)**
X1	228	4	(1.8)	2	0	(0.0)	91	1	(1.1)	133	5	(3.8)	0	0	(.)	**454**	**10**	**(2.2)**
X2	50	1	(2.0)	19	0	(0.0)	33	0	(0.0)	295	3	(1.0)	1	0	(0.0)	**398**	**4**	**(1.0)**
Y	129	1	(0.8)	30	0	(0.0)	25	0	(0.0)	331	7	(2.1)	0	0	(.)	**515**	**8**	**(1.6)**
Z	34	0	(0.0)	31	0	(0.0)	10	0	(0.0)	316	1	(0.3)	0	0	(.)	**391**	**1**	**(0.3)**
ZA	438	8	(1.8)	75	2	(2.7)	17	1	(5.9)	441	18	(4.1)	0	0	(.)	**971**	**29**	**(3.0)**
ZB	135	4	(3.0)	47	0	(0.0)	16	0	(0.0)	359	6	(1.7)	0	0	(.)	**557**	**10**	**(1.8)**
ZC	343	9	(2.6)	42	0	(0.0)	57	1	(1.8)	589	8	(1.4)	0	0	(.)	**1,031**	**18**	**(1.7)**
ZD	86	0	(0.0)	14	0	(0.0)	20	0	(0.0)	250	3	(1.2)	0	0	(.)	**370**	**3**	**(0.8)**
ZE	158	0	(0.0)	2	0	(0.0)	70	0	(0.0)	19	0	(0.0)	0	0	(.)	**249**	**0**	**(0.0)**
ZF	44	0	(0.0)	7	1	(14.3)	20	1	(5.0)	15	0	(0.0)	1	0	(0.0)	**87**	**2**	**(2.3)**
Total	**6,830**	**86**	**(1.3)**	**1,037**	**16**	**(1.5)**	**1,060**	**20**	**(1.9)**	**11,333**	**205**	**(1.8)**	**9**	**0**	**(0.0)**	**20,269**	**327**	**(1.6)**
2017																		
A	156	0	(0.0)	47	4	(8.5)	58	1	(1.7)	354	8	(2.3)	0	0	(.)	**615**	**13**	**(2.1)**
C	154	0	(0.0)	18	0	(0.0)	6	0	(0.0)	315	5	(1.6)	0	0	(.)	**493**	**5**	**(1.0)**
D	76	1	(1.3)	65	2	(3.1)	11	0	(0.0)	427	8	(1.9)	0	0	(.)	**579**	**11**	**(1.9)**
E1	190	3	(1.6)	58	1	(1.7)	195	2	(1.0)	508	9	(1.8)	0	0	(.)	**951**	**15**	**(1.6)**
E2	526	1	(0.2)	10	0	(0.0)	70	0	(0.0)	158	2	(1.3)	0	0	(.)	**764**	**3**	**(0.4)**
F	417	6	(1.4)	53	0	(0.0)	70	3	(4.3)	545	16	(2.9)	0	0	(.)	**1,085**	**25**	**(2.3)**
H	120	2	(1.7)	53	0	(0.0)	41	0	(0.0)	283	1	(0.4)	0	0	(.)	**497**	**3**	**(0.6)**
I	373	5	(1.3)	55	0	(0.0)	15	0	(0.0)	268	8	(3.0)	0	0	(.)	**711**	**13**	**(1.8)**
K2	175	5	(2.9)	5	0	(0.0)	43	1	(2.3)	69	3	(4.3)	0	0	(.)	**292**	**9**	**(3.1)**
K3	155	3	(1.9)	67	2	(3.0)	31	0	(0.0)	393	6	(1.5)	0	0	(.)	**646**	**11**	**(1.7)**
L	23	0	(0.0)	17	0	(0.0)	6	0	(0.0)	242	2	(0.8)	1	0	(0.0)	**289**	**2**	**(0.7)**
M	146	1	(0.7)	32	1	(3.1)	31	0	(0.0)	413	10	(2.4)	3	0	(0.0)	**625**	**12**	**(1.9)**
N	322	1	(0.3)	20	1	(5.0)	13	0	(0.0)	378	2	(0.5)	0	0	(.)	**733**	**4**	**(0.5)**
O	280	0	(0.0)	3	0	(0.0)	30	1	(3.3)	274	7	(2.6)	0	0	(.)	**587**	**8**	**(1.4)**
P	428	11	(2.6)	20	0	(0.0)	23	1	(4.3)	514	10	(1.9)	0	0	(.)	**985**	**22**	**(2.2)**
Q	190	3	(1.6)	60	1	(1.7)	22	1	(4.5)	456	16	(3.5)	4	1	(25.0)	**732**	**22**	**(3.0)**
R	362	9	(2.5)	37	0	(0.0)	25	1	(4.0)	492	4	(0.8)	0	0	(.)	**916**	**14**	**(1.5)**
S	27	0	(0.0)	18	0	(0.0)	11	0	(0.0)	238	4	(1.7)	0	0	(.)	**294**	**4**	**(1.4)**
T	162	2	(1.2)	38	0	(0.0)	11	0	(0.0)	400	1	(0.3)	0	0	(.)	**611**	**3**	**(0.5)**
U	24	0	(0.0)	8	0	(0.0)	2	0	(0.0)	285	3	(1.1)	0	0	(.)	**319**	**3**	**(0.9)**
V	422	12	(2.8)	123	2	(1.6)	55	1	(1.8)	753	17	(2.3)	0	0	(.)	**1,353**	**32**	**(2.4)**
W	296	3	(1.0)	39	2	(5.1)	8	0	(0.0)	381	8	(2.1)	0	0	(.)	**724**	**13**	**(1.8)**
X1	193	3	(1.6)	0			79	2	(2.5)	116	2	(1.7)	0	0	(.)	**388**	**7**	**(1.8)**
X2	80	3	(3.8)	18	0	(0.0)	30	2	(6.7)	243	6	(2.5)	0	0	(.)	**371**	**11**	**(3.0)**
Y	146	5	(3.4)	36	1	(2.8)	19	0	(0.0)	295	3	(1.0)	1	0	(0.0)	**497**	**9**	**(1.8)**
Z	41	0	(0.0)	26	0	(0.0)	5	0	(0.0)	335	6	(1.8)	0	0	(.)	**407**	**6**	**(1.5)**
ZA	402	12	(3.0)	46	3	(6.5)	39	2	(5.1)	403	9	(2.2)	6	0	(0.0)	**896**	**26**	**(2.9)**
ZB	148	1	(0.7)	41	1	(2.4)	18	0	(0.0)	315	3	(1.0)	0	0	(.)	**522**	**5**	**(1.0)**
ZC	396	7	(1.8)	51	0	(0.0)	53	0	(0.0)	526	10	(1.9)	0	0	(.)	**1,026**	**17**	**(1.7)**
ZD	109	0	(0.0)	17	0	(0.0)	7	0	(0.0)	304	3	(1.0)	0	0	(.)	**437**	**3**	**(0.7)**
ZE	156	2	(1.3)	1	0	(0.0)	266	1	(0.4)	15	0	(0.0)	0	0	(.)	**438**	**3**	**(0.7)**
ZF	41	0	(0.0)	4	0	(0.0)	7	0	(0.0)	13	0	(0.0)	1	0	(0.0)	**66**	**0**	**(0.0)**
Total	**6,736**	**101**	**(1.5)**	**1,086**	**21**	**(1.9)**	**1,300**	**19**	**(1.5)**	**10,711**	**192**	**(1.8)**	**16**	**1**	**(6.3)**	**19,849**	**334**	**(1.7)**
2018																		
A	145	0	(0.0)	51	1	(2.0)	48	1	(2.1)	302	12	(4.0)	0	0	(.)	**546**	**14**	**(2.6)**
C	172	6	(3.5)	19	1	(5.3)	4	0	(0.0)	315	9	(2.9)	0	0	(.)	**510**	**16**	**(3.1)**
D	341	5	(1.5)	96	1	(1.0)	13	0	(0.0)	683	12	(1.8)	0	0	(.)	**1,133**	**18**	**(1.6)**
E1	254	1	(0.4)	54	3	(5.6)	186	2	(1.1)	577	8	(1.4)	0	0	(.)	**1,071**	**14**	**(1.3)**
E2	543	7	(1.3)	7	0	(0.0)	54	0	(0.0)	172	2	(1.2)	0	0	(.)	**776**	**9**	**(1.2)**
F	416	1	(0.2)	60	0	(0.0)	60	0	(0.0)	561	7	(1.2)	0	0	(.)	**1,097**	**8**	**(0.7)**
H	115	1	(0.9)	40	0	(0.0)	62	0	(0.0)	325	4	(1.2)	0	0	(.)	**542**	**5**	**(0.9)**
I	344	3	(0.9)	50	0	(0.0)	10	0	(0.0)	271	5	(1.8)	0	0	(.)	**675**	**8**	**(1.2)**
K2	197	1	(0.5)	5	0	(0.0)	48	0	(0.0)	74	1	(1.4)	0	0	(.)	**324**	**2**	**(0.6)**
K3	155	3	(1.9)	66	0	(0.0)	26	0	(0.0)	392	2	(0.5)	0	0	(.)	**639**	**5**	**(0.8)**
L	26	1	(3.8)	4	0	(0.0)	7	0	(0.0)	240	1	(0.4)	0	0	(.)	**277**	**2**	**(0.7)**
M	136	2	(1.5)	45	0	(0.0)	41	1	(2.4)	412	13	(3.2)	0	0	(.)	**634**	**16**	**(2.5)**
N	368	2	(0.5)	14	0	(0.0)	16	0	(0.0)	405	6	(1.5)	0	0	(.)	**803**	**8**	**(1.0)**
O	301	6	(2.0)	3	0	(0.0)	25	0	(0.0)	242	3	(1.2)	0	0	(.)	**571**	**9**	**(1.6)**
P	407	10	(2.5)	20	1	(5.0)	29	2	(6.9)	495	16	(3.2)	0	0	(.)	**951**	**29**	**(3.0)**
Q	191	1	(0.5)	64	1	(1.6)	20	0	(0.0)	469	18	(3.8)	0	0	(.)	**744**	**20**	**(2.7)**
R	308	6	(1.9)	33	0	(0.0)	24	1	(4.2)	512	6	(1.2)	0	0	(.)	**877**	**13**	**(1.5)**
S	32	0	(0.0)	10	1	(10.0)	15	0	(0.0)	261	1	(0.4)	0	0	(.)	**318**	**2**	**(0.6)**
T	149	1	(0.7)	24	0	(0.0)	18	0	(0.0)	370	4	(1.1)	0	0	(.)	**561**	**5**	**(0.9)**
U	36	0	(0.0)	10	0	(0.0)	4	0	(0.0)	271	5	(1.8)	0	0	(.)	**321**	**5**	**(1.6)**
V	361	10	(2.8)	103	1	(1.0)	56	2	(3.6)	691	19	(2.7)	0	0	(.)	**1,211**	**32**	**(2.6)**
W	286	2	(0.7)	43	2	(4.7)	7	1	(14.3)	380	9	(2.4)	0	0	(.)	**716**	**14**	**(2.0)**
X1	222	4	(1.8)	8	2	(25.0)	61	0	(0.0)	147	2	(1.4)	0	0	(.)	**438**	**8**	**(1.8)**
X2	56	1	(1.8)	21	0	(0.0)	28	0	(0.0)	285	4	(1.4)	0	0	(.)	**390**	**5**	**(1.3)**
Y	148	3	(2.0)	32	0	(0.0)	13	1	(7.7)	307	5	(1.6)	0	0	(.)	**500**	**9**	**(1.8)**
Z	45	0	(0.0)	25	1	(4.0)	8	0	(0.0)	318	9	(2.8)	0	0	(.)	**396**	**10**	**(2.5)**
ZA	364	6	(1.6)	38	0	(0.0)	53	1	(1.9)	398	11	(2.8)	0	0	(.)	**853**	**18**	**(2.1)**
ZB	128	3	(2.3)	50	2	(4.0)	15	0	(0.0)	308	12	(3.9)	0	0	(.)	**501**	**17**	**(3.4)**
ZC	364	4	(1.1)	59	1	(1.7)	62	1	(1.6)	538	10	(1.9)	0	0	(.)	**1,023**	**16**	**(1.6)**
ZD	83	1	(1.2)	17	0	(0.0)	10	0	(0.0)	295	1	(0.3)	0	0	(.)	**405**	**2**	**(0.5)**
ZE	109	0	(0.0)	0			130	0	(0.0)	11	0	(0.0)	0	0	(.)	**250**	**0**	**(0.0)**
ZF	50	0	(0.0)	5	0	(0.0)	15	0	(0.0)	22	1	(4.5)	0	0	(.)	**92**	**1**	**(1.1)**
Total	**6,852**	**91**	**(1.3)**	**1,076**	**18**	**(1.7)**	**1,168**	**13**	**(1.1)**	**11,049**	**218**	**(2.0)**	**0**	**0**	**(.)**	**20,145**	**340**	**(1.7)**
Grand Total	**20,418**	**278**	**(1.4)**	**3,199**	**55**	**(1.7)**	**3,528**	**52**	**(1.5)**	**33,093**	**615**	**(1.9)**	**25**	**1**	**(4.0)**	**60,263**	**1,001**	**(1.7)**

Notes

1) (.) = percentage cannot be calculated as the denominator equals 0

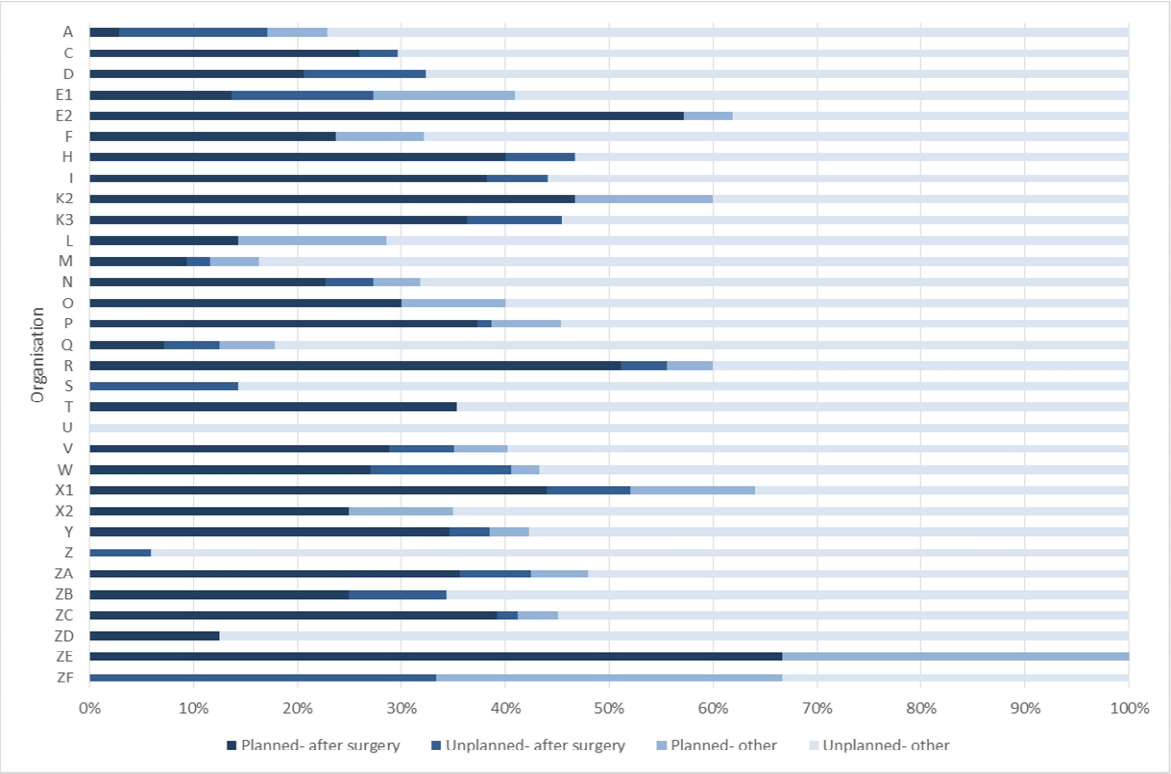
2) re-ad = readmission: specifically emergency readmissions to the same unit with 48 hours of discharge from PICU

3) All percentages in this table are row percentages; no column percentages are presented

4) Further information on the definition of each admission type can be found on the Data Description tab.

FIGURE 46b EMERGENCY READMISSIONS WITHIN 48 HOURS OF DISCHARGE BY ADMISSION TYPE, BY HEALTH ORGANISATION, 2016 - 2018

Figure 46b shows the proportion of children (<16 years) re-admitted to PICU within two days of discharge as emergencies to the same unit, broken down by initial admission type and organisation, for three years of the reporting period combined.



Notes

1) Further information on the definition of each admission type can be found on the Data Description tab.

TABLE 46b(i) RELATIVE RATE OF EMERGENCY READMISSIONS WITHIN 48 HOURS OF DISCHARGE, BY HEALTH ORGANISATION, 2016 - 2018

Table 46b(i) presents each unit's emergency readmission rate within 48 hours of discharge, relative to the equivalent rate over all PICUs. Relative readmission rates higher than one indicate that a unit has a higher rate of emergency readmissions within 48 hours than the overall rate for the UK and Republic of Ireland.

Organisation	2016	2017	2018	2016–2018
A	0.76	1.26	1.52	1.16
C	0.70	0.60	1.86	1.06
D	0.42	1.13	0.94	0.84
E1	0.94	0.94	0.77	0.88
E2	0.65	0.23	0.69	0.53
F	1.40	1.37	0.43	1.07
H	0.75	0.36	0.55	0.56
I	1.08	1.09	0.70	0.96
K2	0.60	1.01	0.46	0.69
K3	0.80	1.83	0.37	0.97
L	0.69	0.41	0.43	0.51
M	1.47	1.14	1.49	1.37
N	0.74	0.32	0.59	0.56
O	0.32	0.81	0.93	0.69
P	1.58	1.33	1.80	1.57
Q	1.29	1.79	1.59	1.56
R	1.27	0.91	0.88	1.01
S	0.38	0.81	0.37	0.54
T	0.93	0.29	0.53	0.58
U	0.38	0.56	0.92	0.62
V	1.45	1.41	1.56	1.47
W	0.89	1.07	1.16	1.04
X1	1.37	1.07	1.08	1.18
X2	0.62	1.76	0.76	1.04
Y	0.96	1.08	1.07	1.04
Z	0.16	0.88	1.49	0.86
ZA	1.86	1.73	1.25	1.62
ZB	1.12	0.57	2.01	1.22
ZC	1.08	0.99	0.93	1.00
ZD	0.50	0.41	0.29	0.40
ZE	0.00	0.41	0.00	0.19
ZF	1.43	0.00	0.64	0.74
Overall rate	**1.61**	**1.68**	**1.69**	**1.66**

Note

1) Emergency readmission rates for each individual unit are relative to the overall rate as shown in the final row

TABLE 46b(ii) EMERGENCY READMISSIONS WITHIN 48 HOURS OF DISCHARGE, BY COUNTRY OF ADMISSION, 2016 - 2018

Table 46b(ii) shows the number and percentage of admissions where the child (<16 years) was re-admitted to PICU within two days of discharge as emergencies to the same unit, broken down by country of admission, for each year of the reporting period.

Rows in this table show the number of emergency readmissions to the same unit within two days of discharge and the proportion of admissions this represents, by country of admission, for each year of the reporting period. The 'Total' column shows the number of readmissions within two days of discharge and the proportion of re-admissions this represented, for each nation for each year of the reporting period.

	2016		2017		2018		Total	
Country of PICU	n	%	n	%	n	%	n	%
England (NHS)	251	1.6	266	1.7	261	1.6	**778**	**1.6**
England (non-NHS)*							**6**	**0.5**
Scotland	37	2.5	35	2.5	27	2.0	**99**	**2.3**
Northern Ireland	10	1.8	5	1.0	17	3.4	**32**	**2.0**
Wales	6	1.1	5	1.0	16	3.1	**27**	**1.8**
Republic of Ireland	21	1.5	20	1.4	18	1.3	**59**	**1.4**
Total	**325**	**1.6**	**331**	**1.7**	**339**	**1.7**	**1,001**	**1.7**

Notes

1) * Information is not shown by year for English non-NHS PICUs due to statistical disclosure control

TABLE 46d UNPLANNED EXTUBATION RATES FOR ALL ADMISSIONS BY HEALTH ORGANISATION, 2017 - 2018

Table 46d shows the number and rate of unplanned extubations (per 1,000 intubated days) which occurred in 2017 or 2018, regardless of when the patient was admitted, by health organisation. Data are presented as rates as it allows fair comparison across organisations given the number of underlying intubated days. An intubated day was defined if invasive ventilation via endotracheal tube was performed on that day. In the reporting period, an unplanned extubation was defined as a "dislodgement of the endotracheal tube (ETT) from the trachea, without the intention to extubate immediately and without the presence of airway competent clinical staff appropriately prepared for the procedure occurs". Data were limited to activity in 2017 and 2018 due to data quality of the 2016 activity data.

Organisation	Admissions	Unplanned extubations	Intubated days	Unplanned extubations per 1,000 intubated days
2017				
A	627	6	1,150	5.2
C	499	3	1,038	2.9
D	591	19	3,144	6.0
E1	971	11	4,313	2.6
E2	776	3	3,643	0.8
F	1,115	14	3,753	3.7
H	509	3	1,962	1.5
I	716	7	2,895	2.4
K2	298	14	1,389	10.1
K3	660	1	1,879	0.5
L	298	2	967	2.1
M	690	3	1,293	2.3
N	760	2	1,477	1.4
O	595	3	2,749	1.1
P	1,001	27	5,329	5.1
Q	758	6	1,156	5.2
R	948	13	2,956	4.4
S	332	0	144	0.0
T	643	5	1,461	3.4
U	329	3	1,394	2.2
V	1,376	24	6,703	3.6
W	730	22	3,114	7.1
X1	403	6	1,585	3.8
X2	380	14	1,013	13.8
Y	515	1	1,110	0.9
Z	415	0	725	0.0
ZA	912	20	3,202	6.2
ZB	526	5	1,546	3.2
ZC	1,050	15	3,739	4.0
ZD	443	6	1,038	5.8
ZE	453	0	470	0.0
ZF	73	0	6	0.0
Total	**20,392**	**258**	**68,343**	**3.8**
2018				
A	550	2	1,083	1.8
C	514	3	1,236	2.4
D	1,182	14	2,678	5.2
E1	1,096	34	4,334	7.8
E2	800	13	3,153	4.1
F	1,120	13	3,804	3.4
H	560	3	1,830	1.6
I	676	9	2,684	3.4
K2	338	9	1,873	4.8
K3	651	6	1,636	3.7
L	295	2	873	2.3
M	690	6	1,250	4.8
N	822	4	1,405	2.8
O	576	3	2,120	1.4
P	973	25	5,322	4.7
Q	774	11	1,316	8.4
R	901	23	2,764	8.3
S	343	0	77	0.0
T	594	8	1,110	7.2
U	328	8	1,847	4.3
V	1,238	48	5,864	8.2
W	726	20	2,726	7.3
X1	448	10	1,556	6.4
X2	394	8	1,024	7.8
Y	522	2	923	2.2
Z	405	0	779	0.0
ZA	872	21	2,845	7.4
ZB	505	4	1,414	2.8
ZC	1,041	9	3,934	2.3
ZD	412	9	1,345	6.7
ZE	289	0	329	0.0
ZF	101	0	131	0.0
Total	**20,736**	**319**	**65,265**	**4.9**
Grand Total	**41,128**	**577**	**133,608**	**4.3**

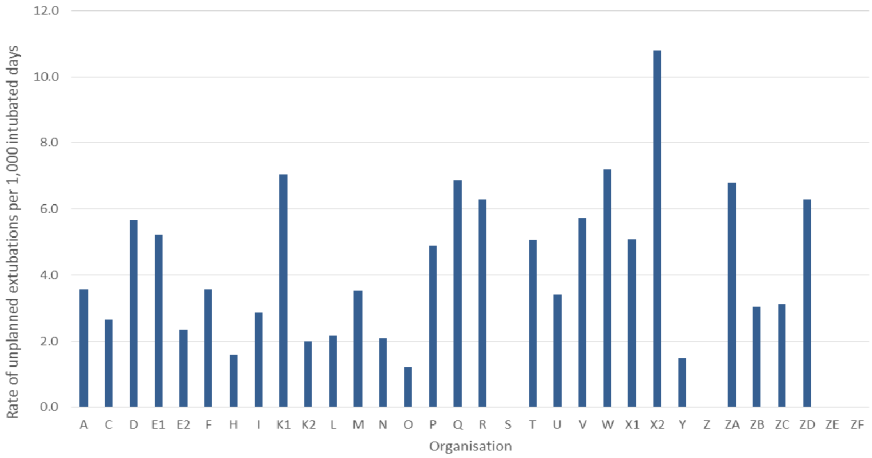
Notes

1) Data presented based on year of admission

FIGURE 46d UNPLANNED EXTUBATION RATES FOR ALL ADMISSIONS BY HEALTH ORGANISATION, 2017 - 2018

Figure 46d shows the rate of unplanned extubations (per 1,000 intubated days) for each organisation, for admissions from 2017 and 2018 combined. Definitions of unplanned extubations and intubated days can be found above Table 46d.

Definitions of unplanned extubations and intubated days can be found above Table 46d.



Notes

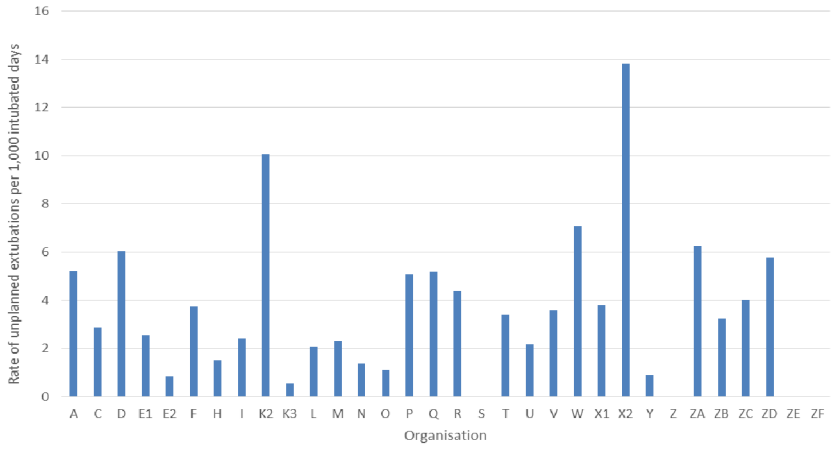
1) Data were limited to 2017 and 2018 admissions due to data quality of the 2016 data.

2) Data presented based on year of admission

FIGURE 46d(ii) UNPLANNED EXTUBATION RATES FOR ALL ADMISSIONS BY HEALTH ORGANISATION, 2017

Figure 46d(ii) shows the rate of unplanned extubations (per 1,000 intubated days) for each organisation, for admissions from 2017.

Definitions of unplanned extubations and intubated days can be found above Table 46d.



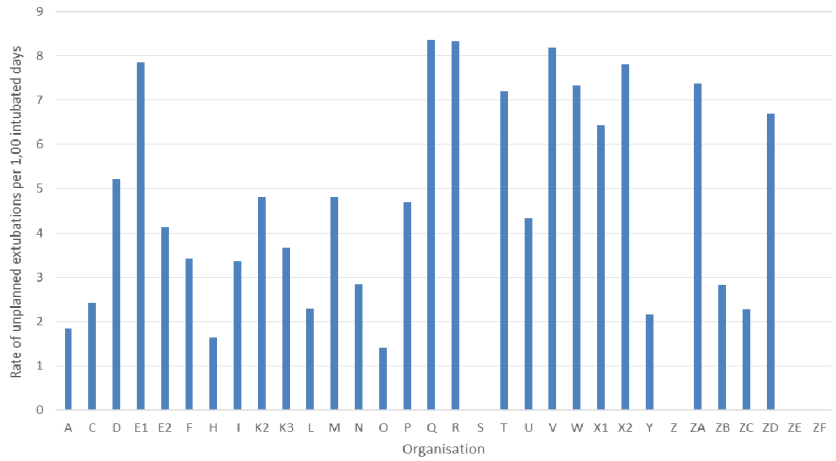
Notes

1) Data presented based on year of admission

FIGURE 46d(iii) UNPLANNED EXTUBATION RATES FOR ALL ADMISSIONS BY HEALTH ORGANISATION, 2018

Figure 46d(iii) shows the rate of unplanned extubations (per 1,000 intubated days) for each organisation, for admissions from 2018.

Definitions of unplanned extubations and intubated days can be found above Table 46d.



Notes

1) Data presented based on year of admission

TABLE 46e UNPLANNED EXTUBATION RATES BY COUNTRY OF ADMISSION, 2017 - 2018

Table 46e shows the number unplanned extubations for admissions in 2017 and 2018, by country of admission, alongside the rate of unplanned extubation per 1,000 days of invasive ventilation.

Definitions of unplanned extubations and intubated days can be found above Table 46d.

	2017		2018		Total	
Country of PICU	n	Rate	n	Rate	n	Rate
England	208	3.7	279	5.3	**487**	**4.5**
Scotland	21	4.9	23	6.1	**44**	**5.4**
Northern Ireland	5	3.2	4	2.8	**9**	**3.0**
Wales*					**6**	**2.6**
Republic of Ireland	21	4.4	18	3.4	**39**	**3.9**
Total	**255**	**3.8**	**324**	**5.1**	**585**	**4.4**

Notes

1) * Information is not shown by year for Welsh PICUs due to statistical disclosure control

2) Rate is per 1,000 days of invasive ventilation

3) Data presented based on year of admission

STANDARDISED MORTALITY RATIOS

When comparing deaths in PICU, we calculate the risk-adjusted standardised mortality ratio (SMR). This compares the number of deaths that have happened in a PICU and how many deaths we expected to happen given how poorly children were when they were admitted to PICU. We also use ‘funnel plots’ to compare individual PICUs in terms of mortality which is a way of displaying and comparing the risk-adjusted SMR on the same graph. These plots tell us what range of values we might expect to see for the SMR in each PICU, given that we expect a certain amount of variation as these calculations are based on a very small number of deaths.

Unadjusted SMRs are calculated by dividing the observed number of deaths in each organisation by the expected number of deaths, based on the national data.

In addition, risk-adjusted SMRs are calculated by dividing the observed number of deaths in each organisation by the expected number of deaths predicted using the Paediatric Index of Mortality 3 (PIM3)[REF(4).]

From this report onwards, we will only present SMR data for the most recent year of the reporting period and for the three year period combined, as per the updated PICANet Outlier Policy[(REF12).]

As such, Table 47, Figure 47a, Figure 47b, Table 48, Figure 48a and Figure 48b are no longer presented.

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INDEX TO SMR TABLES

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TABLE 49 STANDARDISED MORTALITY RATIOS BY HEALTH ORGANISATION, 2018

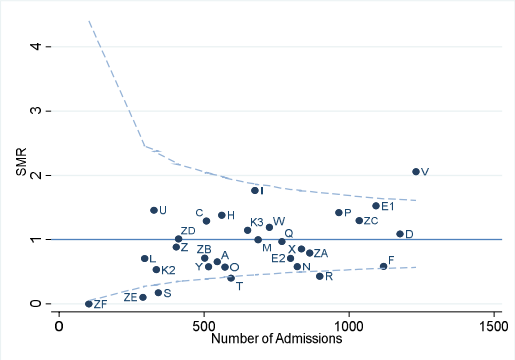
Table 49 shows standardised mortality ratios (SMRs) both crude (also called unadjusted) and risk-adjusted using PIM3 recalibrated 2019, alongside corresponding 95% confidence intervals, by organisation for 2018.

An SMR of one indicates that the number of deaths in a given unit is equal to what we would expect. The 95% confidence intervals show a range of plausible values that an SMR might fall within, given there is uncertainty in our estimates. A confidence interval which includes the value one indicates that mortality at a unit is not significantly different to what we expect. If the upper confidence limit is below one, then mortality is lower than we expect. If the lower confidence limit is above one, then mortality is higher than we might expect.

		STANDARDISED MORTALITY RATIO					
	Number of	Unadjusted (95% CI)			PIM3 Adjusted (95% CI)		
Organisation	Admissions	SMR	Lower	Upper	SMR	Lower	Upper
A	544	0.66	0.34	1.14	0.82	0.43	1.43
C	508	1.29	0.81	1.93	1.23	0.77	1.84
D	1,175	1.11	0.81	1.48	1.23	0.90	1.64
E1	1,093	1.52	1.16	1.96	1.22	0.93	1.58
E2	798	0.71	0.43	1.10	0.98	0.59	1.52
F	1,119	0.58	0.37	0.88	0.61	0.38	0.92
H	560	1.38	0.91	2.00	1.29	0.85	1.86
I	675	1.76	1.27	2.37	1.34	0.97	1.81
K2	335	0.53	0.20	1.15	0.60	0.22	1.29
K3	649	1.15	0.75	1.67	1.06	0.69	1.56
L	295	0.71	0.29	1.44	0.78	0.32	1.60
M	686	1.00	0.64	1.48	1.00	0.64	1.49
N	821	0.58	0.33	0.94	1.10	0.63	1.78
O	567	0.58	0.29	1.02	0.53	0.27	0.95
P	963	1.42	1.05	1.88	1.04	0.77	1.38
Q	768	0.97	0.63	1.42	0.92	0.60	1.35
R	899	0.43	0.23	0.73	0.45	0.24	0.77
S	342	0.17	0.02	0.62	0.41	0.05	1.46
T	593	0.40	0.17	0.79	0.46	0.20	0.90
U	327	1.45	0.84	2.33	1.09	0.63	1.75
V	1,231	2.05	1.65	2.52	1.28	1.03	1.57
W	725	1.19	0.80	1.69	0.88	0.59	1.25
X1	443	0.81	0.42	1.39	0.89	0.46	1.54
X2	392	0.91	0.47	1.57	1.05	0.55	1.81
Y	515	0.58	0.28	1.05	0.82	0.40	1.50
Z	404	0.88	0.46	1.53	0.86	0.45	1.49
ZA	864	0.79	0.50	1.18	1.07	0.68	1.60
ZB	502	0.71	0.37	1.23	0.93	0.48	1.60
ZC	1,035	1.29	0.95	1.72	1.35	0.99	1.79
ZD	412	1.01	0.56	1.68	1.00	0.55	1.66
ZE	289	0.10	0.00	0.57	0.40	0.01	2.21
ZF	101	0.00	0.00	1.07	0.00	0.00	2.15

FIGURE 49a PICU STANDARDISED MORTALITY RATIOS BY HEALTH ORGANISATION, WITH 99.9% CONTROL LIMITS, 2018: UNADJUSTED

Figure 49a shows unadjusted SMRs for each organisation on a funnel plot. 99.9% control limits are plotted which give an indication of the values for SMR we might expect to see given natural variation. The higher a point on the funnel plot, the higher an organisation's SMR, i.e. the higher the number of observed deaths compared with the number of expected deaths.



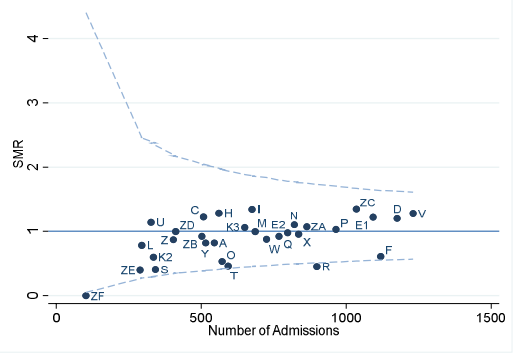
Notes

1) 99.9% control limits equate to 96.9% control limits when accounting for multiplicity (as detailed in the PICANet Outlier Policy).

2) Further information on how a funnel plot is made can be found on the SMR data tab and in the summary report.

FIGURE 49b PICU STANDARDISED MORTALITY RATIOS BY HEALTH ORGANISATION, WITH 99.9% CONTROL LIMITS, 2018: RISK ADJUSTED (PIM3 RECALIBRATED 2019)

Figure 49b shows adjusted SMRs for each organisation on a funnel plot. 99.9% control limits are plotted which give an indication of the values for SMR we might expect to see given natural variation. The higher a point on the funnel plot, the higher an organisation's SMR, i.e. the higher the number of observed deaths compared with the number of expected deaths. If a point lies above the upper control limit, then they are defined as a potential outlier. Figure 49b is used by PICANet to detect potential outliers, as per the PICANet Outlier Policy.



Notes

1) This figure is used to detect potential outliers as per the PICANet Outlier Policy[REF12]

2) 99.9% control limits equate to 96.9% control limits when accounting for multiplicity (as detailed in the PICANet Outlier Policy).

3) Further information on how a funnel plot is made can be found on the SMR data tab and in the summary report.

TABLE 50 STANDARDISED MORTALITY RATIOS BY HEALTH ORGANISATION, 2016 - 2018

Table 50 shows standardised mortality ratios (SMRs) both crude (also called unadjusted) and risk-adjusted using PIM3 recalibrated 2019, alongside corresponding 95% confidence intervals, by organisation for the three year reporting period combined.
An SMR of one indicates that the number of deaths in a given unit is equal to what we would expect. The 95% confidence intervals show a range of plausible values that an SMR might fall within, given there is uncertainty in our estimates. A confidence interval which includes the value one indicates that mortality at a unit is not significantly different to what we expect. If the upper confidence limit is below one, then mortality is lower than we expect. If the lower confidence limit is above one, then mortality is higher than we might expect.

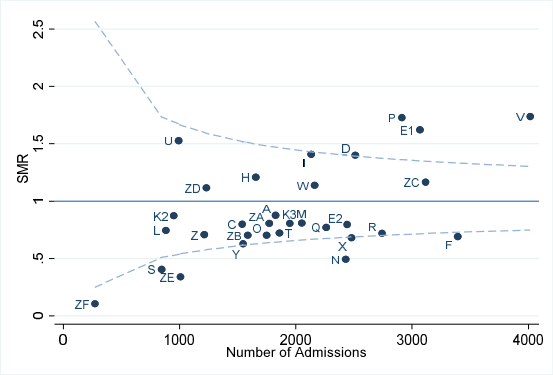
		STANDARDISED MORTALITY RATIO					
	Number of	Unadjusted (95% CI)			PIM3 Adjusted (95% CI)		
Organisation	Admissions	SMR	Lower	Upper	SMR	Lower	Upper
A	1,824	0.88	0.66	1.13	1.11	0.84	1.43
C	1,538	0.80	0.58	1.07	0.93	0.67	1.25
D	2,510	1.41	1.18	1.67	1.22	1.02	1.45
E1	3,067	1.62	1.39	1.87	1.25	1.08	1.45
E2	2,441	0.80	0.62	1.00	1.06	0.82	1.33
F	3,393	0.69	0.55	0.85	0.73	0.58	0.90
H	1,654	1.21	0.95	1.52	1.19	0.93	1.49
I	2,132	1.41	1.16	1.69	1.09	0.89	1.31
K2	949	0.87	0.59	1.25	1.00	0.67	1.42
K3	1,947	0.81	0.61	1.05	0.82	0.62	1.07
L	881	0.75	0.47	1.11	0.68	0.43	1.02
M	2,051	0.81	0.62	1.04	0.87	0.66	1.11
N	2,429	0.49	0.36	0.67	0.87	0.63	1.18
O	1,739	0.71	0.51	0.95	0.65	0.47	0.87
P	2,910	1.73	1.49	1.99	1.33	1.15	1.54
Q	2,261	0.77	0.59	0.99	0.84	0.64	1.07
R	2,741	0.72	0.56	0.91	0.67	0.52	0.84
S	846	0.41	0.21	0.70	0.73	0.38	1.26
T	1,858	0.72	0.53	0.96	0.91	0.67	1.20
U	992	1.53	1.15	1.98	1.05	0.79	1.37
V	4,016	1.74	1.53	1.96	1.16	1.02	1.31
W	2,161	1.14	0.91	1.40	0.89	0.72	1.10
X1	1,306	0.74	0.52	1.03	0.89	0.62	1.24
X2	1,172	0.61	0.40	0.89	0.84	0.55	1.23
Y	1,546	0.63	0.44	0.87	0.86	0.59	1.19
Z	1,212	0.71	0.48	1.00	0.84	0.57	1.19
ZA	1,771	0.81	0.60	1.06	1.23	0.92	1.62
ZB	1,586	0.70	0.50	0.96	0.91	0.65	1.24
ZC	3,116	1.16	0.97	1.38	1.10	0.92	1.30
ZD	1,230	1.11	0.83	1.47	1.10	0.81	1.44
ZE	1,007	0.34	0.18	0.59	1.06	0.55	1.84
ZF	270	0.11	0.00	0.58	0.27	0.01	1.49

Notes

1) Organisation ZA has submitted PIM3 data only for 2017 and 2018

FIGURE 50a PICU STANDARDISED MORTALITY RATIOS BY HEALTH ORGANISATION, WITH 99.9% CONTROL LIMITS, 2016 - 2018: UNADJUSTED

Figure 50a shows unadjusted SMRs for each organisation on a funnel plot. 99.9% control limits are plotted which give an indication of the values for SMR we might expect to see given natural variation. The higher a point on the funnel plot, the higher an organisation's SMR, i.e. the higher the number of observed deaths compared with the number of expected deaths.



Notes

1) 99.9% control limits equate to 96.9% control limits when accounting for multiplicity (as detailed in the PICANet Outlier Policy).

2) Further information on how a funnel plot is made can be found on the SMR data tab and in the summary report.

FIGURE 50b PICU STANDARDISED MORTALITY RATIOS BY HEALTH ORGANISATION, WITH 99.9% CONTROL LIMITS, 2016-2018: RISK ADJUSTED (PIM3 RECALIBRATED 2019)

Figure 50b shows adjusted SMRs for each organisation on a funnel plot. 99.9% control limits are plotted which give an indication of the values for SMR we might expect to see given natural variation. The higher a point on the funnel plot, the higher an organisation's SMR, i.e. the higher the number of observed deaths compared with the number of expected deaths. If a point lies above the upper control limit, then they are defined as a potential outlier. Figure 50b is used by PICANet to detect potential outliers, as per the PICANet Outlier Policy.

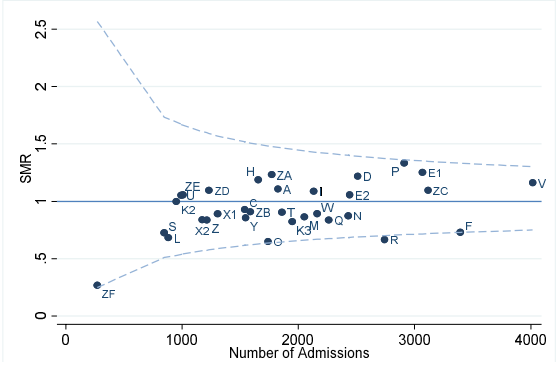


TABLE 50c(i) COEFFICIENTS (LOG-ODDS RATIOS) FOR PIM3

Table 50c(i) shows the log-odds ratio co-efficients used to model patient risk of mortality in the Paediatric Index of Mortality 3 (PIM3)[REF(4)]

Factor	PIM3 Coefficient
Pupils unreactive	3.8233
Elective admission	-0.5378
Mechanical ventilation	0.9763
Absolute base excess	0.0671
Systolic blood pressure (SBP)	-0.0431
(SBP^2)/1,000	0.1716
FiO2/PaO2 ratio*	0.4214
Recovery from a bypass cardiac procedure	-1.2246
Recovery from a non-bypass cardiac procedure	-0.8762
Recovery from a non-cardiac procedure	-1.5164
Very high risk diagnosis	1.6225
High risk diagnosis	1.0725
Low risk diagnosis	-2.1766
Constant	-1.7928

Notes

1) *FiO2/PaO2 ratio =100*(FiO2 as fraction)/PaO2 in mmHg)

2) Source: Paediatric index of mortality 3: an updated model for predicting mortality in pediatric intensive care[(REF4).]

3) Definitions and details on imputation for missing values as per PIM3 paper[(REF4)]

TABLE 50c(ii) RECALIBRATED COEFFICIENTS (LOG-ODDS RATIOS) FOR PIM3

Table 50c(ii) shows the log-odds ratio co-efficients following recalibration of (PIM3)[REF(4)] via logistic regression using data from the three year reporting period.

Factor	PIM3 Coefficient
Pupils unreactive	3.6777
Elective admission	-0.5969
Mechanical ventilation	0.7613
Absolute base excess	0.0572
Systolic blood pressure (SBP)	-0.0457
(SBP^2)/1,000	0.1899
FiO2/PaO2 ratio*	0.0967
Recovery from a bypass cardiac procedure	-1.3086
Recovery from a non-bypass cardiac procedure	-1.052
Recovery from a non-cardiac procedure	-1.127
Very high risk diagnosis	1.9273
High risk diagnosis	0.9206
Low risk diagnosis	-1.6441
Constant	-1.4327

Notes

1) *FiO2/PaO2 ratio =100*(FiO2 as fraction)/PaO2 in mmHg)

2) Data from ZA for 2016 are not included in this analysis as they only provided PIM3 data from 2017 onwards.

3) Admissions which are classed as rapid readmissions are excluded from this analysis

3) Definitions and details on imputation for missing values as per PIM3 paper[(REF4)]

5) If SBP is unknown, then a value of 120 is imputed

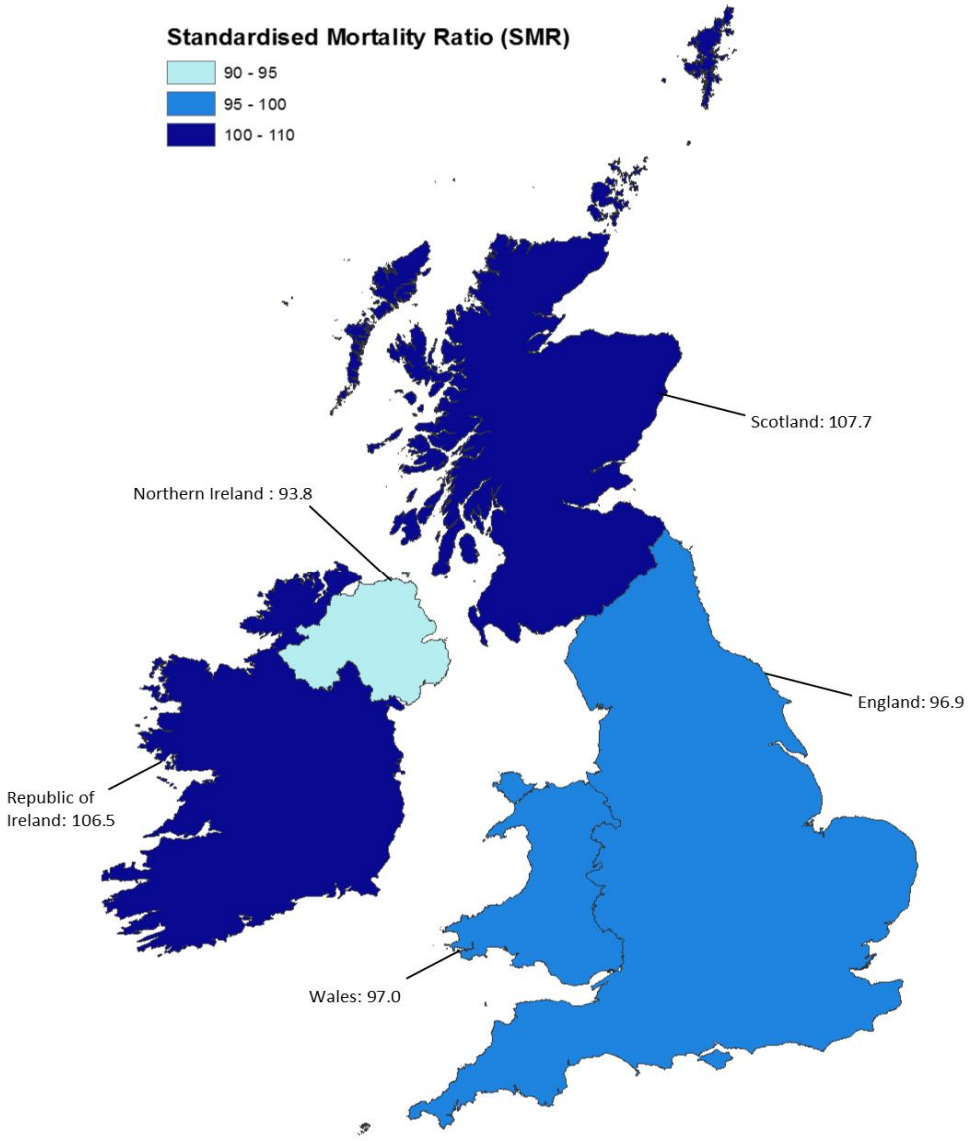
6) If FiO2 or PaO2 is unknown, then the FiO2/PaO2 ratio is imputed at 0.23

7) If base excess is unknown, then a value of 0 is imputed

8) Area under the ROC curve for PIM3 recalibrated 2019 is 0.8532

FIGURE 50c STANDARDISED MORTALITY RATIOS BY NATION IN THE UNITED KINGDOM AND REPUBLIC OF IRELAND, 2016 - 2018

In Figure 50c, risk-adjusted SMRs based on PIM3 have been produced by nation by allocating children to the area in which they were living, based on their address at admission. These ratios have then been expressed as a percentage and mapped to illustrate the range of variability in SMRs between nations. It should be noted that these ratios have not been subject to any spatial smoothing and confidence intervals are relatively wide in areas of low population.



Notes

1) Based on country of residence

2) Organisation ZA has submitted PIM3 data only for 2017 and 2018 and so 2016 data from ZA are not included in the above calculations for Scotland

3) SMRs have been calculated with the use of PIM3 (recalibrated 2019).

4) Based on healthcare area of residence

5) For children treated in England, Scotland or Wales, postcode is used to identify the patient's healthcare area based on residence.

6) For patients treated in Northern Ireland only the patient's country of residence was available for 2018 therefore data presented above for Northern Ireland are for 2016 and 2017 only. We validated address data for Northern Ireland through manual data checking, with units being asked to confirm the country of residence and, where applicable, healthcare area, assigned in our analysis.

7) For patients treated in the Republic of Ireland the patient's county and country of residence are provided to PICANet. We have validated address data for the Republic of Ireland through manual data checking, with units being asked to confirm the county of residence assigned in our analysis.

30 DAY FOLLOW-UP

PICANet records data on outcome 30 days after discharge. This is widely seen in the NHS as an important indicator of outcome. Recording is, however, far from complete. In reporting this data we have concluded that it is logical to analyse the data per child rather than per admission. For example, a child admitted 4 times within a month who dies on the final admission could be recorded as having experienced a fatality on the first three occasions as well as the final admission, although of course only died once. Reporting by child avoids this problem.

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INDEX TO 30 DAY FOLLOW-UP

TABLE 51 CHILDREN BY FOLLOW-UP STATUS AND AGE, 2016 - 2018

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TABLE 51 CHILDREN BY FOLLOW-UP STATUS AND AGE, 2016 - 2018

Table 51 presents the status of patients 30 days following discharge from PICU; data are presented per child. This analysis only includes children who are known to have been discharged alive from their final PICU admission during the reporting period.

Rows in this table show the number of children who status is alive, dead or unknown at 30 days following discharge, for each of the age groups.

The percentages in the white columns show row percentages, i.e. what proportion of children in each age group were alive, dead or had unknown status at 30 days following PICU discharge. The percentages in the "Total" column show column percentages, i.e. what proportion of all admissions were for children in a given age category.

Age Group	30 DAY FOLLOW-UP STATUS							
	Alive		Dead		Unknown		Total	
	n	%	n	%	n	%	n	%
<1 year	19,368	(75.5)	334	(1.3)	5,937	(23.2)	**25,639**	**(44.1)**
1-4 years	11,333	(74.0)	143	(0.9)	3,832	(25.0)	**15,308**	**(26.3)**
5-10 years	6,489	(72.4)	96	(1.1)	2,376	(26.5)	**8,961**	**(15.4)**
11-15 years	5,855	(71.1)	65	(0.8)	2,314	(28.1)	**8,234**	**(14.2)**
Total	**43,045**	**(74.0)**	**638**	**(1.1)**	**14,459**	**(24.9)**	**58,142**	**(100.0)**

Notes

1) Please note that identification of children is not always clear.

2) Children within unknown age are excluded from this table (n=3)

3) The total is the number of children known to be discharged alive from their final PICU admission.

4) This table used to exclude children discharged to their normal residence but data on these children are now presented.

5) Events where the patient is 16 years or over are excluded from this analysis

DATA ON INDIVIDUAL CHILDREN

In all other chapters of this report, except the one on 30 day follow-up, PICU activity is presented for episodes of care or admissions. This chapter describes activity related to individual patients 30 days following discharge from PICU. Please note however, that identification of children is not always clear.

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INDEX TO DATA ON INDIVIDUAL CHILDREN

TABLE 58 NUMBER OF INDIVIDUAL CHILDREN BY HEALTH ORGANISATION AND DIAGNOSTIC GROUP OF FIRST ADMISSION, 2016 - 2018

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TABLE 58 NUMBER OF INDIVIDUAL CHILDREN BY HEALTH ORGANISATION AND DIAGNOSTIC GROUP OF FIRST ADMISSION, 2016 - 2018

Table 58 shows the number of children admitted by diagnostic group. In all other chapters of this report, except the one on 30 day follow-up, PICU activity is presented for episodes of care or admissions. This chapter describes activity related to individual patients (0 - 15 years plus those with unknown age).

Rows in this table show the number of children admitted to each organisation in the reporting period with a diagnosis falling into each broad diagnostic grouping.

The percentages in the white columns show row percentages, i.e. what proportion of children in admitted to each organisation during the reporting period fell into each diagnostic grouping. The percentages in the "Total" column show column percentages, i.e. what proportion of all admissions in the reporting period were to a given organisation.

Organisation	DIAGNOSTIC GROUP																													
	Blood / lymphatic		Body wall and cavities		Cardio - vascular		Endocrine / metabolic		Gastro - intestinal		Infection		Multisystem		Musculo - skeletal		Neurological		Oncology		Respiratory		Trauma		Other		Missing		Total	
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
A	20	(1.5)	16	(1.2)	37	(2.8)	53	(4.1)	96	(7.4)	77	(5.9)	8	(0.6)	102	(7.8)	235	(18.0)	149	(11.4)	392	(30.0)	46	(3.5)	73	(5.6)	1	(0.1)	**1,305**	**(2.9)**
C	13	(1.1)	15	(1.3)	66	(5.7)	39	(3.4)	54	(4.7)	60	(5.2)	1	(0.1)	109	(9.4)	161	(14.0)	82	(7.1)	477	(41.3)	28	(2.4)	48	(4.2)	1	(0.1)	**1,154**	**(2.6)**
D	19	(1.0)	23	(1.2)	98	(5.3)	129	(7.0)	102	(5.5)	134	(7.2)	2	(0.1)	104	(5.6)	269	(14.5)	72	(3.9)	717	(38.7)	49	(2.6)	133	(7.2)	3	(0.2)	**1,854**	**(4.2)**
E1	29	(1.4)	86	(4.1)	156	(7.4)	87	(4.1)	315	(15.0)	68	(3.2)	7	(0.3)	151	(7.2)	393	(18.7)	83	(3.9)	547	(26.0)	28	(1.3)	155	(7.4)	0	(0.0)	**2,105**	**(4.7)**
E2	0	(0.0)	8	(0.5)	1,489	(90.5)	6	(0.4)	4	(0.2)	6	(0.4)	0	(0.0)	5	(0.3)	2	(0.1)	19	(1.2)	97	(5.9)	0	(0.0)	9	(0.5)	0	(0.0)	**1,645**	**(3.7)**
F	5	(0.2)	16	(0.6)	1,090	(43.5)	54	(2.2)	35	(1.4)	179	(7.1)	0	(0.0)	89	(3.5)	151	(6.0)	7	(0.3)	739	(29.5)	21	(0.8)	96	(3.8)	26	(1.0)	**2,508**	**(5.6)**
H	29	(2.5)	4	(0.3)	28	(2.4)	55	(4.7)	209	(18.0)	67	(5.8)	2	(0.2)	10	(0.9)	228	(19.6)	98	(8.4)	328	(28.2)	58	(5.0)	44	(3.8)	2	(0.2)	**1,162**	**(2.6)**
I	12	(0.7)	8	(0.5)	842	(52.3)	40	(2.5)	90	(5.6)	102	(6.3)	1	(0.1)	15	(0.9)	150	(9.3)	40	(2.5)	230	(14.3)	48	(3.0)	31	(1.9)	1	(0.1)	**1,610**	**(3.6)**
K2	1	(0.2)	4	(0.7)	549	(91.2)	1	(0.2)	1	(0.2)	8	(1.3)	0	(0.0)	1	(0.2)	2	(0.3)	3	(0.5)	29	(4.8)	1	(0.2)	2	(0.3)	0	(0.0)	**602**	**(1.4)**
K3	14	(1.0)	83	(5.8)	39	(2.7)	46	(3.2)	116	(8.1)	93	(6.5)	6	(0.4)	25	(1.8)	257	(18.0)	106	(7.4)	499	(35.0)	52	(3.7)	88	(6.2)	0	(0.0)	**1,424**	**(3.2)**
L	4	(0.6)	3	(0.5)	29	(4.4)	25	(3.8)	7	(1.1)	51	(7.8)	0	(0.0)	55	(8.4)	97	(14.8)	3	(0.5)	352	(53.6)	4	(0.6)	27	(4.1)	0	(0.0)	**657**	**(1.5)**
M	27	(1.9)	16	(1.1)	48	(3.4)	44	(3.1)	70	(5.0)	108	(7.7)	7	(0.5)	189	(13.4)	208	(14.8)	46	(3.3)	475	(33.8)	54	(3.8)	108	(7.7)	7	(0.5)	**1,407**	**(3.2)**
N	15	(0.8)	36	(1.9)	53	(2.8)	59	(3.1)	88	(4.7)	95	(5.1)	13	(0.7)	430	(22.9)	234	(12.4)	97	(5.2)	583	(31.0)	63	(3.4)	113	(6.0)	1	(0.1)	**1,880**	**(4.2)**
O	0	(0.0)	1	(0.1)	1,111	(89.1)	1	(0.1)	10	(0.8)	11	(0.9)	1	(0.1)	2	(0.2)	5	(0.4)	13	(1.0)	80	(6.4)	0	(0.0)	12	(1.0)	0	(0.0)	**1,247**	**(2.8)**
P	4	(0.2)	72	(3.4)	983	(46.6)	25	(1.2)	157	(7.4)	90	(4.3)	3	(0.1)	32	(1.5)	158	(7.5)	31	(1.5)	441	(20.9)	52	(2.5)	61	(2.9)	0	(0.0)	**2,109**	**(4.7)**
Q	20	(1.3)	37	(2.4)	52	(3.4)	59	(3.9)	94	(6.2)	104	(6.9)	1	(0.1)	123	(8.1)	201	(13.3)	65	(4.3)	632	(41.8)	33	(2.2)	83	(5.5)	8	(0.5)	**1,512**	**(3.4)**
R	11	(0.5)	23	(1.1)	783	(38.3)	26	(1.3)	165	(8.1)	109	(5.3)	1	(0.0)	65	(3.2)	219	(10.7)	47	(2.3)	479	(23.5)	37	(1.8)	70	(3.4)	7	(0.3)	**2,042**	**(4.6)**
S	5	(0.9)	0	(0.0)	24	(4.4)	34	(6.2)	10	(1.8)	35	(6.4)	0	(0.0)	46	(8.4)	48	(8.8)	1	(0.2)	292	(53.4)	27	(4.9)	25	(4.6)	0	(0.0)	**547**	**(1.2)**
T	26	(1.9)	13	(0.9)	33	(2.4)	34	(2.4)	106	(7.6)	129	(9.2)	1	(0.1)	96	(6.9)	230	(16.5)	153	(10.9)	491	(35.1)	44	(3.1)	40	(2.9)	2	(0.1)	**1,398**	**(3.1)**
U	23	(3.0)	2	(0.3)	34	(4.4)	25	(3.3)	23	(3.0)	76	(9.9)	0	(0.0)	2	(0.3)	139	(18.1)	1	(0.1)	379	(49.3)	36	(4.7)	28	(3.6)	1	(0.1)	**769**	**(1.7)**
V	32	(1.2)	59	(2.1)	1,150	(41.7)	74	(2.7)	263	(9.5)	95	(3.4)	15	(0.5)	46	(1.7)	249	(9.0)	104	(3.8)	439	(15.9)	63	(2.3)	170	(6.2)	2	(0.1)	**2,761**	**(6.2)**
W	20	(1.2)	4	(0.2)	814	(49.0)	32	(1.9)	48	(2.9)	55	(3.3)	1	(0.1)	10	(0.6)	182	(11.0)	45	(2.7)	341	(20.5)	47	(2.8)	54	(3.2)	9	(0.5)	**1,662**	**(3.7)**
X1	2	(0.2)	20	(2.4)	745	(87.5)	3	(0.4)	0	(0.0)	12	(1.4)	2	(0.2)	2	(0.2)	2	(0.2)	2	(0.2)	50	(5.9)	0	(0.0)	11	(1.3)	0	(0.0)	**851**	**(1.9)**
X2	6	(0.7)	15	(1.9)	24	(3.0)	54	(6.7)	72	(8.9)	79	(9.8)	3	(0.4)	4	(0.5)	96	(11.9)	8	(1.0)	396	(48.9)	17	(2.1)	35	(4.3)	0	(0.0)	**809**	**(1.8)**
Y	19	(1.7)	26	(2.4)	37	(3.4)	18	(1.6)	52	(4.7)	93	(8.5)	3	(0.3)	126	(11.5)	144	(13.2)	52	(4.7)	422	(38.5)	51	(4.7)	52	(4.7)	0	(0.0)	**1,095**	**(2.5)**
Z	37	(4.2)	8	(0.9)	34	(3.9)	27	(3.1)	51	(5.8)	80	(9.1)	1	(0.1)	40	(4.5)	118	(13.4)	2	(0.2)	399	(45.3)	58	(6.6)	25	(2.8)	0	(0.0)	**880**	**(2.0)**
ZA	12	(0.6)	17	(0.8)	609	(30.0)	64	(3.2)	78	(3.8)	82	(4.0)	8	(0.4)	80	(3.9)	203	(10.0)	93	(4.6)	581	(28.6)	76	(3.7)	123	(6.1)	3	(0.1)	**2,029**	**(4.6)**
ZB	6	(0.5)	28	(2.5)	63	(5.7)	77	(6.9)	83	(7.5)	54	(4.9)	2	(0.2)	89	(8.0)	161	(14.5)	58	(5.2)	370	(33.3)	47	(4.2)	74	(6.7)	0	(0.0)	**1,112**	**(2.5)**
ZC	26	(1.0)	68	(2.6)	1,085	(41.6)	76	(2.9)	185	(7.1)	159	(6.1)	6	(0.2)	99	(3.8)	130	(5.0)	67	(2.6)	596	(22.8)	32	(1.2)	80	(3.1)	1	(0.0)	**2,610**	**(5.9)**
ZD	11	(1.0)	37	(3.3)	14	(1.3)	45	(4.0)	81	(7.3)	85	(7.6)	8	(0.7)	55	(4.9)	226	(20.3)	55	(4.9)	401	(35.9)	35	(3.1)	63	(5.6)	0	(0.0)	**1,116**	**(2.5)**
ZE	11	(2.4)	3	(0.7)	267	(58.9)	0	(0.0)	4	(0.9)	2	(0.4)	1	(0.2)	65	(14.3)	6	(1.3)	54	(11.9)	19	(4.2)	6	(1.3)	15	(3.3)	0	(0.0)	**453**	**(1.0)**
ZF	1	(0.5)	1	(0.5)	1	(0.5)	10	(5.1)	11	(5.6)	3	(1.5)	1	(0.5)	44	(22.6)	48	(24.6)	4	(2.1)	47	(24.1)	1	(0.5)	23	(11.8)	0	(0.0)	**195**	**(0.4)**
Total	**460**	**(1.0)**	**752**	**(1.7)**	**12,387**	**(27.8)**	**1,322**	**(3.0)**	**2,680**	**(6.0)**	**2,401**	**(5.4)**	**105**	**(0.2)**	**2,311**	**(5.2)**	**4,952**	**(11.1)**	**1,660**	**(3.7)**	**12,320**	**(27.7)**	**1,114**	**(2.5)**	**1,971**	**(4.4)**	**75**	**(0.2)**	**44,510**	**(100.0)**

Notes

1) Please note that identification of children is not always clear.

2) Primary diagnosis group classification is based on CT3 (The Read Codes). Further information on the primary diagnostic groups can be found on the Data Description tab.

PREVALENCE FOR ADMISSION

In this report we present prevalence of admission to PICU, accounting for age and sex distribution of the general population and patients admitted to PICU.

Population estimates are based on mid-year populations for the most recent year of publically available age-sex population data for each country at the time of analysis[REF(6)-REF(10).]

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TABLE 60 AGE-SEX SPECIFIC PREVALENCE (PER 100,000 PER YEAR) FOR ADMISSIONS TO PAEDIATRIC INTENSIVE CARE IN THE UK AND THE REPUBLIC OF IRELAND, 2016 - 2018

Age and sex specific prevalence for admission to PICUs in the United Kingdom and the Republic of Ireland has been calculated with 95% Poisson confidence intervals, using mid-year population estimates for the number of children in the population. Looking at prevalence of admission out of 100,000 children allows us to fairly compare across age groups and gender. We show prevalence alongside 95% confidence intervals for each of the reporting years separately and also for the three years combined.

Sex	Age Group (Years)	Population	PREVALENCE RATES 2016 (95% CI)			2017 (95% CI)			2018 (95% CI)			2016 - 2018 (95% CI)		
			Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper
Male	<1 year	422,485	1225.1	1192.0	1258.3	1175.2	1142.7	1207.7	1192.9	1160.2	1225.7	**1197.8**	**1178.8**	**1216.7**
	1-4 years	1,775,831	169.6	163.6	175.7	153.6	147.9	159.4	161.2	155.3	167.1	**161.5**	**158.1**	**164.9**
	5-10 years	2,724,348	59.8	56.9	62.7	61.0	58.1	63.9	63.0	60.0	66.0	**61.3**	**59.6**	**63**
	11-15 years	2,032,191	64.7	61.2	68.2	73.0	69.3	76.7	71.9	68.3	75.6	**69.9**	**67.8**	**72**
Female	<1 year	401,730	936.9	907.2	966.7	905.1	875.8	934.4	864.8	836.1	893.4	**902.3**	**885.4**	**919.1**
	1-4 years	1,686,966	133.4	127.9	138.9	129.4	124.0	134.8	132.8	127.3	138.3	**131.9**	**128.7**	**135.1**
	5-10 years	2,597,491	49.0	46.4	51.7	48.2	45.6	50.9	50.5	47.8	53.3	**49.3**	**47.7**	**50.8**
	11-15 years	1,934,570	66.2	62.5	69.8	65.3	61.7	68.9	71.8	68.0	75.6	**67.8**	**65.6**	**69.9**
Total		**13,575,612**	**145.1**	**143.1**	**147.1**	**141.2**	**139.2**	**143.2**	**143.6**	**141.6**	**145.6**	**143.3**	**142.2**	**144.5**

Notes

1) Children with unknown age are excluded from this table (n=3)

2) Children with unknown or ambiguous sex are excluded from this table (n=11)

3) Calculation of prevalence uses populations obtained from the Office of National Statistics and Regional Offices.

4) Population estimates are based on mid-year populations for the most recent year of publically available age-sex population data for each country at the time of analysis. Specifically:

England 2017[REF(6)]
Wales 2017[REF(7)]
Scotland 2018[REF(8)]
Northern Ireland 2017[REF(9)]
Republic of Ireland 2016[REF(10)]

TABLE 61 AGE-SEX ADJUSTED PREVALENCE (PER 100,000 PER YEAR) FOR ADMISSIONS TO PAEDIATRIC INTENSIVE CARE BY NATION IN THE UK AND THE REPUBLIC OF IRELAND, 2016 - 2018

Table 61 shows, for each Nation, the prevalence of admission; that is, the number of children (<16 years) admitted to PICU for every 100,000 of children in the national population. Looking at prevalence of admission out of 100,000 children allows us to fairly compare the number of admissions in Nations because it doesn't matter how many children there are in total in the country. We show prevalence alongside 95% confidence intervals for each of the reporting years separately and also for the three years combined.

Nation / Country of residence	Population	PREVALENCE											
		2016 (95% CI)			2017 (95% CI)			2018 (95% CI)			2016 - 2018 (95% CI)		
		Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper	Rate	Lower	Upper
England	10,637,971	142.3	140.1	144.6	138.8	136.6	141.1	142.9	140.6	145.1	**141.3**	**140.1**	**142.6**
Scotland	919,502	171.4	162.8	180.0	163.6	155.3	172.0	155.4	147.2	163.6	**163.5**	**158.6**	**168.3**
Wales	559,260	147.1	136.9	157.2	139.8	129.9	149.7	139.6	129.7	149.4	**142.1**	**136.4**	**147.9**
Northern Ireland	390,684	182.4	169.1	195.7	171.9	158.9	184.8	169.1	156.2	182.0	**174.5**	**166.9**	**182**
Republic of Ireland	1,068,195	136.7	129.7	143.8	136.2	129.2	143.3	133.8	126.8	140.8	**135.6**	**131.5**	**139.6**
Total	**13,575,612**	**145.1**	**143.1**	**147.1**	**141.2**	**139.2**	**143.2**	**143.6**	**141.6**	**145.6**	**143.3**	**142.2**	**144.5**

Note

1) Based on country of residence

2) Children with unknown age are excluded from this table (n=3)

3) Children with unknown or ambiguous sex are excluded from this table (n=11)

4) For children treated in England, Scotland or Wales, postcode is used to identify the patient's country of residence. For patients treated in Northern Ireland only the patient's country of residence was available. For patients treated in the Republic of Ireland the patient's county and country of residence are provided. We have validated address data for Northern Ireland and the Republic of Ireland through manual data checking with the units being asked to confirm the country of residence assigned in our analysis.

5) Children with unknown age are excluded from this table

6) Children with unknown or ambiguous sex are excluded from this table

7) Calculation of prevalence uses populations obtained from the Office of National Statistics and Regional Offices.

8) Population estimates are based on mid-year populations for the most recent year of publically available age-sex population data for each country at the time of analysis. Specifically:

England 2017[REF(6)]

Wales 2017[REF(7)]

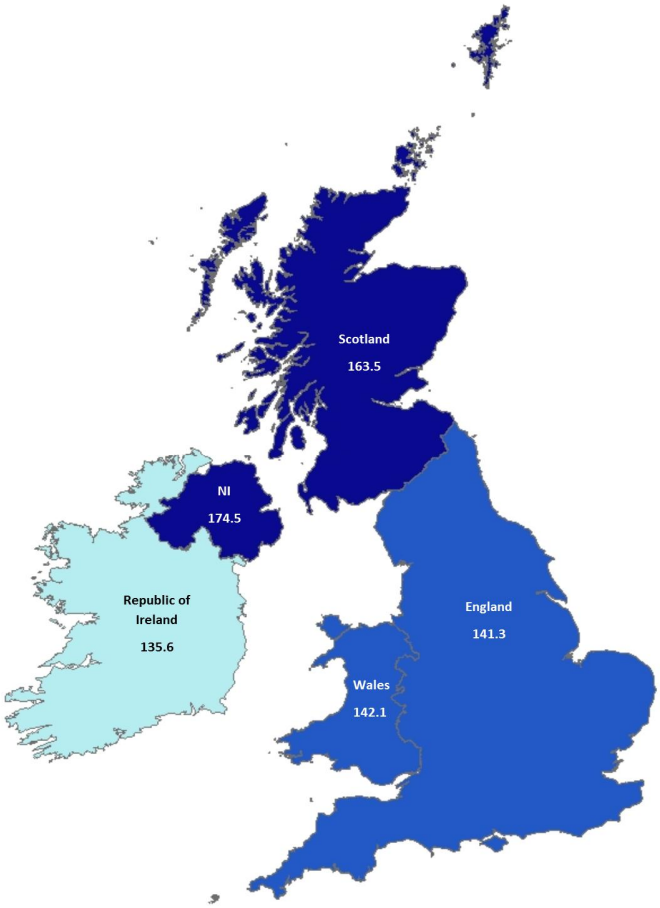
Scotland 2018[REF(8)]

Northern Ireland 2017[REF(9)]

Republic of Ireland 2016[REF(10)]

FIGURE 61a AGE-SEX ADJUSTED PREVALENCE (PER 100,000) FOR ADMISSIONS TO PAEDIATRIC INTENSIVE CARE BY NATION IN THE UNITED KINGDOM AND REPUBLIC OF IRELAND, 2016 - 2018

Figure 61a shows, for each Nation, the number of children (<16 years) admitted to PICU for every 100,000 of children in the national population; this is called the prevalence of admission. The national population is estimated using mid-year population estimates which are produced by Looking at prevalence of admission out of 100,000 children allows us to fairly compare the number of admissions in Nations because it doesn't matter how many children there are in total in the country.
The numbers shown beneath each country name indicate the prevalence of admission for that country. For example, Scotland has a prevalence of 163.5: this means that for every 100,000 children living in Scotland 163.5 were admitted to PICU.



Notes
1) NI = Northern Ireland
2) Based on country of residence

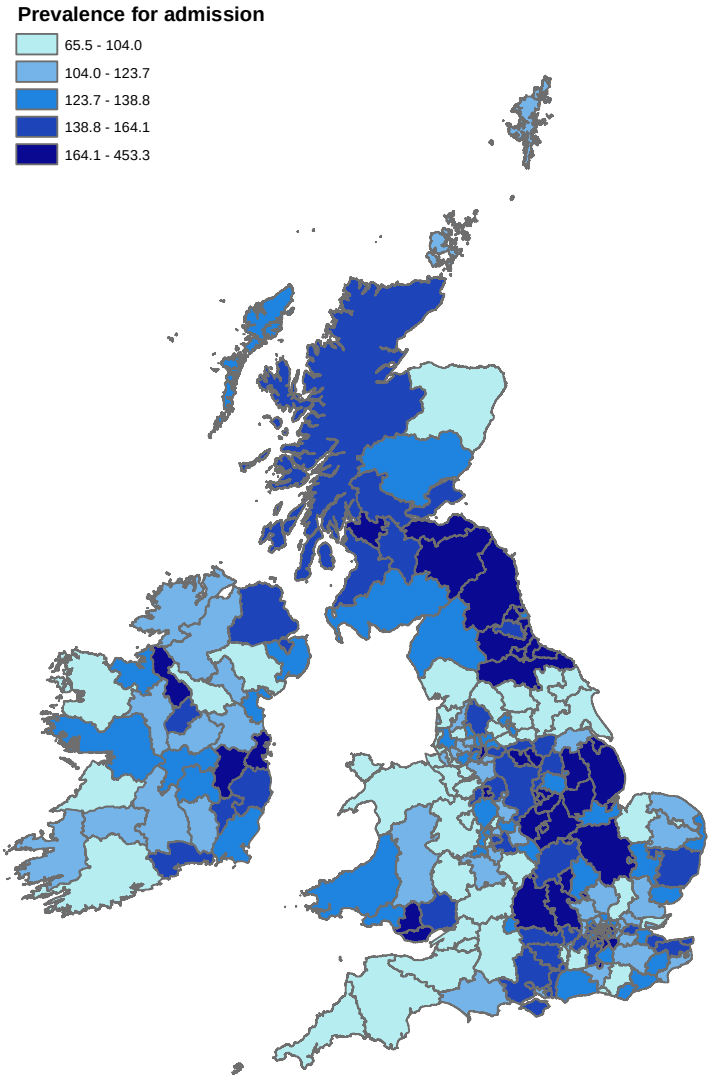
3) For children treated in England, Scotland or Wales, postcode is used to identify the patient's country of residence. For patients treated in Northern Ireland only the patient's country of residence was available. For patients treated in the Republic of Ireland the patient's county and country of residence are provided. We have validated address data for Northern Ireland and the Republic of Ireland through manual data checking with the units being asked to confirm the country of residence assigned in our analysis.

4) Calculation of prevalence uses populations obtained from the Office of National Statistics and Regional Offices.
5) Population estimates are based on mid-year populations for the most recent year of publically available age-sex population data for each country at the time of analysis. Specifically:
England 2017[REF(6)]
Wales 2017[REF(7)]
Scotland 2018[REF(8)]
Northern Ireland 2017[REF(9)]
Republic of Ireland 2016[REF(10)]

FIGURE 61b AGE-SEX ADJUSTED PREVALENCE (PER 100,000 PER YEAR) FOR ADMISSIONS TO PAEDIATRIC INTENSIVE CARE BY CCG/HB/COUNTY IN THE UNITED KINGDOM AND REPUBLIC OF IRELAND, 2016 - 2018

Figure 61b shows, for each healthcare area in the UK and for each county in the Republic of Ireland, the age-sex adjusted prevalence of admission of children (<16 years) to PICU per 100,000 of the population.

The key on the left hand side of the map shows the values each colour represents so any regions shaded the lightest colour means that for every 100,000 children living in that region between 65 and 104 children were admitted to PICU. Darker shading indicates a higher admission rate.



Notes

1) For key please see the REFERENCE MAP

2) Based on healthcare area of residence

3) For children treated in England, Scotland or Wales, postcode is used to identify the patient's healthcare area based on residence.

4) Children with unknown age are excluded from this figure (n=3)

5) Children with unknown or ambiguous sex are excluded from this figure (n=11)

6) For patients treated in Northern Ireland only the patient's country of residence was available for 2018 therefore data presented above for Northern Ireland are for 2016 and 2017 only. We validated address data for Northern Ireland through manual data checking, with units being asked to confirm the country of residence and, where applicable, healthcare area, assigned in our analysis.

7) For patients treated in the Republic of Ireland the patient's county and country of residence are provided. We have validated address data for the Republic of Ireland through manual data checking, with units being asked to confirm the county of residence assigned in our analysis.

8) Calculation of prevalence uses populations obtained from the Office of National Statistics and Regional Offices.

9) Population estimates are based on mid-year populations for the most recent year of publically available age-sex population data for each country at the time of analysis. Specifically:

England 2017[REF(6)]

Wales 2017[REF(7)]

Scotland 2018[REF(8)]

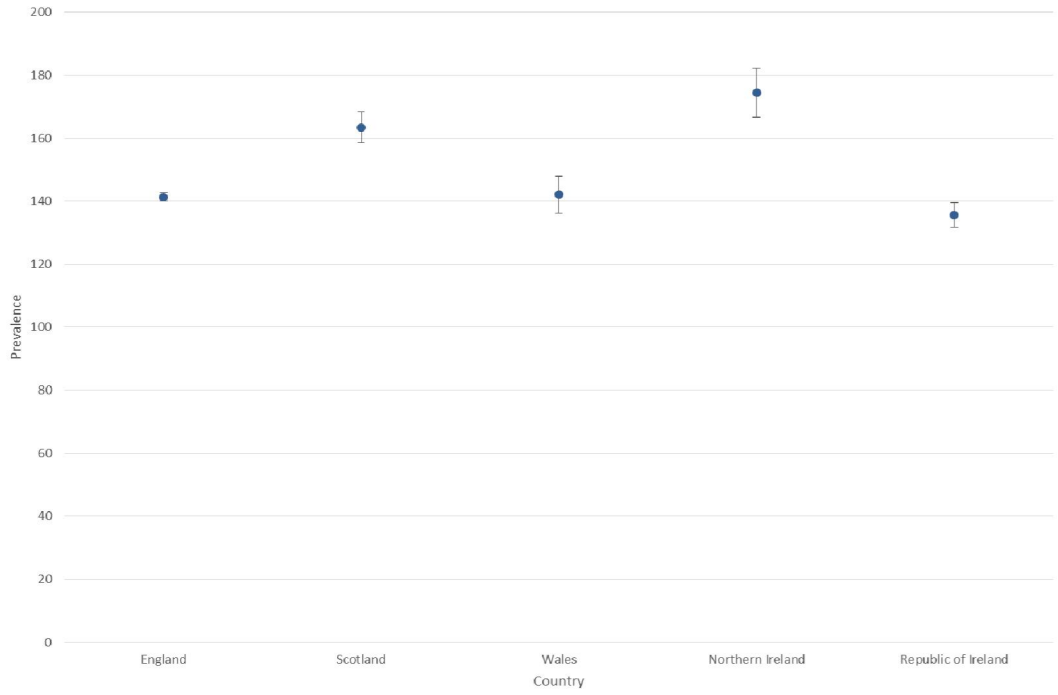
Northern Ireland 2017[REF(9)]

Republic of Ireland 2016[REF(10)]

FIGURE 61c AGE-SEX ADJUSTED PREVALENCE IN THE UK AND THE REPUBLIC OF IRELAND (PER 100,000 PER YEAR) 2016 - 2018, WITH 95% CONFIDENCE INTERVALS

Figure 61c shows the prevalence of admission to PICU for each of the nations in the UK and for the Republic of Ireland (based on country of residence) alongside 95% confidence intervals for 2016 to 2018 combined.

The dots in the figure below represent the prevalence of admissions per 100,000 children in the population. Whenever we make an estimation (as is the case here) there is always uncertainty in our estimate. The lines through these dots show how certain we are in our estimate in the form of a 95% confidence interval. These confidence intervals indicate a range of plausible values that we expect the prevalence to lie within. The shorter the vertical line the smaller our uncertainty in our estimate. We get less uncertainty when we have bigger sample sizes which is why the confidence interval for England is so narrow.



Notes

1) Based on country of residence

2) Children with unknown age are excluded from this figure (n=3)

3) Children with unknown or ambiguous sex are excluded from this figure (n=11)

4) For children treated in England, Scotland or Wales, postcode is used to identify the patient's country of residence. For patients treated in Northern Ireland only the patient's country of residence was available. For patients treated in the Republic of Ireland the patient's county and country of residence are provided. We have validated address data for Northern Ireland and the Republic of Ireland through manual data checking with the units being asked to confirm the country of residence assigned in our analysis.

5) Calculation of prevalence uses populations obtained from the Office of National Statistics and Regional Offices.

6) Population estimates are based on mid-year populations for the most recent year of publically available age-sex population data for each country at the time of analysis. Specifically:

England 2017[REF(6)]

Wales 2017[REF(7)]

Scotland 2018[REF(8)]

CHILDREN IN ADULT INTENSIVE CARE UNITS

Data on children (under 16 years) treated in adult intensive care units (AICUs), including age in months, sex, date of admission and discharge, outcome, discharge location and admission diagnosis.

These data were provided by the Intensive Care National Audit & Research Centre (ICNARC), to whom we are very grateful(REF13).

Signed consent was obtained from the unit director of each AICU. The data are only from hospitals who have agreed to report on admissions of children and to the release of data to PICANet, as such these data do not represent full coverage of all children treated in AICU which is a potential limitation of this report.

Previously this report has given information only on children admitted to units in England. This year we also include information for children from Wales and Northern Ireland who were admitted to AICUs.

We present data from 133 hospitals (115 in England, 7 from Northern Ireland and 12 from Wales). Data on 1,748 admissions are analysed.

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INDEX TO CHILDREN RECEIVING CARE IN ADULT INTENSIVE CARE UNITS (AICUs)

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TABLE 62 ADMISSION OF CHILDREN TO AICUs BY AGE AND SEX, 2016 - 2018

Table 62 presents the number of children (<16 years) admitted to an Adult Intensive Care Units (AICU) between 2016 and 2018 by sex and age group of the child. The proportion of males and females admitted in each year is given in the 'Total' column. Other percentages show the proportion of children falling into each age group both overall and for each gender.

Year	Sex	AGE GROUP (YEARS) <1 n	<1 %	1-4 n	1-4 %	5-10 n	5-10 %	11-15 n	11-15 %	Total n	Total %
2016	Female	39	13.5	79	27.4	37	12.8	133	46.2	**288**	**(46.2)**
	Male	70	20.9	78	23.3	68	20.3	119	35.5	**335**	**(53.8)**
Total		**109**	**(17.5)**	**157**	**(25.2)**	**105**	**(16.9)**	**252**	**(40.4)**	**623**	**(100.0)**
2017	Female	41	14.0	79	27.0	47	16.0	126	43.0	**293**	**(49.2)**
	Male	46	15.2	78	25.7	62	20.5	117	38.6	**303**	**(50.8)**
Total		**87**	**(14.6)**	**157**	**(26.3)**	**109**	**(18.3)**	**243**	**(40.8)**	**596**	**(100.0)**
2018	Female	35	16.9	61	29.5	26	12.6	85	41.1	**207**	**(39.1)**
	Male	56	17.4	93	28.9	53	16.5	120	37.3	**322**	**(60.9)**
Total		**91**	**(17.2)**	**154**	**(29.1)**	**79**	**(14.9)**	**205**	**(38.8)**	**529**	**(100.0)**
Grand total		**287**	**(16.4)**	**468**	**(26.8)**	**293**	**(16.8)**	**700**	**(40.0)**	**1,748**	**(100.0)**

Notes

1) Source: Intensive Care National Audit Research Centre (ICNARC)[(REF13)]

2) This table includes data from children treated in England, Northern Ireland and Wales at hospitals which provided permission for PICANet to receive data on children treated in AICU

3) As hospitals have to give permission for PICANet to access these data, this does not necessarily represent full coverage for all children treated in AICU

TABLE 63 ADMISSION OF CHILDREN TO AICUs BY AGE AND MONTH OF ADMISSION, 2016 - 2018

Table 63 presents the number of children (<16 years) admitted to an Adult Intensive Care Units (AICU) between 2016 and 2018 by month of admission and age group of the child. The proportion of children admitted in each month is given in the 'Total' column. Other percentages show the proportion of children falling into each age group both overall and for each month of admission.

Year / Month	AGE GROUP (YEARS) <1		1-4		5-10		11-15		Total	
	n	%	n	%	n	%	n	%	n	%
2016										
1	12	(21.8)	9	(16.4)	8	(14.5)	26	(47.3)	**55**	**(8.8)**
2	4	(9.3)	9	(20.9)	11	(25.6)	19	(44.2)	**43**	**(6.9)**
3	3	(5.7)	14	(26.4)	17	(32.1)	19	(35.8)	**53**	**(8.5)**
4	9	(21.4)	9	(21.4)	6	(14.3)	18	(42.9)	**42**	**(6.7)**
5	3	(7.0)	15	(34.9)	10	(23.3)	15	(34.9)	**43**	**(6.9)**
6	5	(8.8)	17	(29.8)	5	(8.8)	30	(52.6)	**57**	**(9.1)**
7	3	(6.8)	14	(31.8)	3	(6.8)	24	(54.5)	**44**	**(7.1)**
8	7	(18.4)	10	(26.3)	7	(18.4)	14	(36.8)	**38**	**(6.1)**
9	11	(22.0)	10	(20.0)	4	(8.0)	25	(50.0)	**50**	**(8.0)**
10	10	(18.9)	17	(32.1)	4	(7.5)	22	(41.5)	**53**	**(8.5)**
11	21	(29.6)	13	(18.3)	20	(28.2)	17	(23.9)	**71**	**(11.4)**
12	21	(28.4)	20	(27.0)	10	(13.5)	23	(31.1)	**74**	**(11.9)**
Total	**109**	**(17.5)**	**157**	**(25.2)**	**105**	**(16.9)**	**252**	**(40.4)**	**623**	**(100.0)**
2017										
1	8	(17.0)	10	(21.3)	11	(23.4)	18	(38.3)	**47**	**(7.9)**
2	4	(9.5)	12	(28.6)	12	(28.6)	14	(33.3)	**42**	**(7.0)**
3	5	(10.2)	16	(32.7)	8	(16.3)	20	(40.8)	**49**	**(8.2)**
4	2	(5.1)	15	(38.5)	4	(10.3)	18	(46.2)	**39**	**(6.5)**
5	3	(7.1)	8	(19.0)	7	(16.7)	24	(57.1)	**42**	**(7.0)**
6	7	(16.7)	11	(26.2)	7	(16.7)	17	(40.5)	**42**	**(7.0)**
7	3	(7.0)	16	(37.2)	6	(14.0)	18	(41.9)	**43**	**(7.2)**
8	3	(7.7)	8	(20.5)	12	(30.8)	16	(41.0)	**39**	**(6.5)**
9	9	(17.0)	12	(22.6)	7	(13.2)	25	(47.2)	**53**	**(8.9)**
10	6	(11.8)	13	(25.5)	8	(15.7)	24	(47.1)	**51**	**(8.6)**
11	18	(25.4)	14	(19.7)	10	(14.1)	29	(40.8)	**71**	**(11.9)**
12	19	(24.4)	22	(28.2)	17	(21.8)	20	(25.6)	**78**	**(13.1)**
Total	**87**	**(14.6)**	**157**	**(26.3)**	**109**	**(18.3)**	**243**	**(40.8)**	**596**	**(100.0)**
2018										
1	9	(24.3)	8	(21.6)	7	(18.9)	13	(35.1)	**37**	**(7.0)**
2	4	(10.5)	15	(39.5)	8	(21.1)	11	(28.9)	**38**	**(7.2)**
3	7	(17.9)	10	(25.6)	5	(12.8)	17	(43.6)	**39**	**(7.4)**
4	7	(22.6)	10	(32.3)	4	(12.9)	10	(32.3)	**31**	**(5.9)**
5	9	(19.1)	18	(38.3)	5	(10.6)	15	(31.9)	**47**	**(8.9)**
6	6	(16.2)	11	(29.7)	6	(16.2)	14	(37.8)	**37**	**(7.0)**
7	2	(4.0)	9	(18.0)	12	(24.0)	27	(54.0)	**50**	**(9.5)**
8	0	(0.0)	6	(27.3)	3	(13.6)	13	(59.1)	**22**	**(4.2)**
9	7	(12.5)	11	(19.6)	11	(19.6)	27	(48.2)	**56**	**(10.6)**
10	6	(13.6)	10	(22.7)	11	(25.0)	17	(38.6)	**44**	**(8.3)**
11	19	(28.8)	23	(34.8)	4	(6.1)	20	(30.3)	**66**	**(12.5)**
12	15	(24.2)	23	(37.1)	3	(4.8)	21	(33.9)	**62**	**(11.7)**
Total	**91**	**(17.2)**	**154**	**(29.1)**	**79**	**(14.9)**	**205**	**(38.8)**	**529**	**(100.0)**
Grand Total	**287**	**(16.4)**	**468**	**(26.8)**	**293**	**(16.8)**	**700**	**(40.0)**	**1,748**	**(100.0)**

Notes

1) Source: Intensive Care National Audit Research Centre (ICNARC)[(REF13)]

2) This table includes data from children treated in England, Northern Ireland and Wales at hospitals which provided permission for PICANet to receive data on children treated in AICU

3) As hospitals have to give permission for PICANet to access these data, this does not necessarily represent full coverage for all children treated in AICU

TABLE 64 ADMISSION OF CHILDREN TO AICUs BY AGE AND DIAGNOSTIC GROUP, 2016 - 2018

Table 64 presents the number of children (<16 years) admitted to an Adult Intensive Care Unit (AICU) between 2016 and 2018 by diagnostic group and age group of the child. The proportion of children admitted in each diagnostic group is given in the 'Total' column. Other percentages show the proportion of children falling into each age group both overall and for each diagnostic group.

Year / Diagnostic Group	AGE GROUP (YEARS)									
	<1		1-4		5-10		11-15		Total	
	n	%	n	%	n	%	n	%	n	%
2016										
Neurological	26	(15.6)	65	(38.9)	35	(21.0)	41	(24.6)	**167**	**(26.8)**
Cardiovascular	3	(27.3)	1	(9.1)	1	(9.1)	6	(54.5)	**11**	**(1.8)**
Respiratory	67	(29.6)	70	(31.0)	44	(19.5)	45	(19.9)	**226**	**(36.3)**
Oncology	0	(0.0)	0	(0.0)	0	(0.0)	6	(100.0)	**6**	**(1.0)**
Infection	12	(32.4)	8	(21.6)	8	(21.6)	9	(24.3)	**37**	**(5.9)**
Musculoskeletal	0	(0.0)	1	(2.8)	1	(2.8)	34	(94.4)	**36**	**(5.8)**
Gastrointestinal	0	(0.0)	0	(0.0)	3	(13.0)	20	(87.0)	**23**	**(3.7)**
Other	0	(0.0)	7	(10.4)	8	(11.9)	52	(77.6)	**67**	**(10.8)**
Blood / lymphatic	0	(0.0)	0	(0.0)	1	(33.3)	2	(66.7)	**3**	**(0.5)**
Trauma	1	(5.0)	2	(10.0)	3	(15.0)	14	(70.0)	**20**	**(3.2)**
Endocrine / metabolic	0	(0.0)	3	(11.5)	1	(3.8)	22	(84.6)	**26**	**(4.2)**
Body wall and cavities	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)	**1**	**(0.2)**
Total	**109**	**(17.5)**	**157**	**(25.2)**	**105**	**(16.9)**	**252**	**(40.4)**	623	(100.0)
2017										
Neurological	13	(7.1)	77	(42.3)	46	(25.3)	46	(25.3)	**182**	**(30.5)**
Cardiovascular	8	(40.0)	3	(15.0)	4	(20.0)	5	(25.0)	**20**	**(3.4)**
Respiratory	55	(25.3)	65	(30.0)	40	(18.4)	57	(26.3)	**217**	**(36.4)**
Oncology	0	(0.0)	0	(0.0)	3	(42.9)	4	(57.1)	**7**	**(1.2)**
Infection	6	(28.6)	8	(38.1)	3	(14.3)	4	(19.0)	**21**	**(3.5)**
Musculoskeletal	1	(3.7)	0	(0.0)	1	(3.7)	25	(92.6)	**27**	**(4.5)**
Gastrointestinal	0	(0.0)	1	(4.3)	3	(13.0)	19	(82.6)	**23**	**(3.9)**
Other	1	(1.6)	1	(1.6)	2	(3.2)	58	(93.5)	**62**	**(10.4)**
Blood / lymphatic	0	(0.0)	0	(0.0)	2	(40.0)	3	(60.0)	**5**	**(0.8)**
Trauma	1	(5.9)	1	(5.9)	3	(17.6)	12	(70.6)	**17**	**(2.9)**
Endocrine / metabolic	2	(14.3)	1	(7.1)	2	(14.3)	9	(64.3)	**14**	**(2.3)**
Body wall and cavities	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)	**1**	**(0.2)**
Total	**87**	**(14.6)**	**157**	**(26.3)**	**109**	**(18.3)**	**243**	**(40.8)**	596	(100.0)
2018										
Neurological	23	(14.5)	63	(39.6)	37	(23.3)	36	(22.6)	**159**	**(30.1)**
Cardiovascular	6	(35.3)	1	(5.9)	3	(17.6)	7	(41.2)	**17**	**(3.2)**
Respiratory	51	(27.4)	77	(41.4)	24	(12.9)	34	(18.3)	**186**	**(35.2)**
Oncology	0	(0.0)	0	(0.0)	1	(25.0)	3	(75.0)	**4**	**(0.8)**
Infection	10	(35.7)	8	(28.6)	4	(14.3)	6	(21.4)	**28**	**(5.3)**
Musculoskeletal	0	(0.0)	1	(4.0)	0	(0.0)	24	(96.0)	**25**	**(4.7)**
Gastrointestinal	1	(3.7)	1	(3.7)	5	(18.5)	20	(74.1)	**27**	**(5.1)**
Other	0	(0.0)	1	(1.9)	1	(1.9)	50	(96.2)	**52**	**(9.8)**
Blood / lymphatic	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)	**1**	**(0.2)**
Trauma	0	(0.0)	1	(7.7)	3	(23.1)	9	(69.2)	**13**	**(2.5)**
Endocrine / metabolic	0	(0.0)	1	(5.9)	1	(5.9)	15	(88.2)	**17**	**(3.2)**
Body wall and cavities	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	**0**	**(0.0)**
Total	**91**	**(17.2)**	**154**	**(29.1)**	**79**	**(14.9)**	**205**	**(38.8)**	529	(100.0)
Grand Total	**287**	**(16.4)**	**468**	**(26.8)**	**293**	**(16.8)**	**700**	**(40.0)**	1,748	(100.0)

Notes

1) Source: Intensive Care National Audit Research Centre (ICNARC)[(REF13)]

2) This table includes data from children treated in England, Northern Ireland and Wales at hospitals which provided permission for PICANet to receive data on children treated in AICU

3) As hospitals have to give permission for PICANet to access these data, this does not necessarily represent full coverage for all children treated in AICU

TABLE 65 MORTALITY OF CHILDREN ADMITTED TO AICUs BY AGE AND DIAGNOSTIC GROUP, 2016 - 2018

Table 65 presents the number of children (<16 years) admitted to Adult Intensive Care between 2016 and 2018 who died on the Adult Intensive Care Unit (AICU) by diagnostic group. The proportion of children who died in each diagnostic group is given in the 'Total' column. Other percentages show the proportion of children falling into each age group both overall and for each diagnostic group.

Diagnostic Group	AGE GROUP (YEARS)									
	<1		1-4		5-10		11-15		Total	
	n	%	n	%	n	%	n	%	n	%
Neurological	0	(0.0)	3	(33.3)	0	(0.0)	6	(66.7)	**9**	**(30.0)**
Cardiovascular	4	(44.4)	0	(0.0)	1	(11.1)	4	(44.4)	**9**	**(30.0)**
Respiratory	0	(0.0)	1	(20.0)	0	(0.0)	4	(80.0)	**5**	**(16.7)**
Infection	0	(0.0)	1	(50.0)	1	(50.0)	0	(0.0)	**2**	**(6.7)**
Other	1	(20.0)	0	(0.0)	0	(0.0)	4	(80.0)	**5**	**(16.7)**
Total	**5**	**(16.7)**	**5**	**(16.7)**	**2**	**(6.7)**	**18**	**(60.0)**	**30**	**(100.0)**

Notes

1) Source: Intensive Care National Audit Research Centre (ICNARC)[(REF13)]

2) This table includes data from children treated in England, Northern Ireland and Wales at hospitals which provided permission for PICANet to receive data on children treated in AICU

3) As hospitals have to give permission for PICANet to access these data, this does not necessarily represent full coverage for all children treated in AICU

4) Previously this year presented data for each year of the reporting period separately, going forward we will present these data for the whole reporting period combined due to statistical disclosure control

TABLE 66 DISCHARGE DESTINATION FOR CHILDREN ADMITTED TO AICUs, 2016 - 2018

Table 66 presents the discharge destination of children (<16 years) admitted to Adult Intensive Care Units (AICUs) in the reporting period. The number of children discharged to PICU, elsewhere and who died on PICU, alongside the proportion of all admissions for children (<16 years) to AICU that these account for.

Year	Discharge destination	Total	
		n	%
2016	Discharge to PICU	319	(51.2)
	Discharge elsewhere	292	(46.9)
	Died	12	(1.9)
Total		623	(100.0)
2017	Discharge to PICU	300	(50.3)
	Discharge elsewhere	287	(48.2)
	Died in AICU	9	(1.5)
Total		596	(100.0)
2018	Discharge to PICU	254	(48.0)
	Discharge elsewhere	266	(50.3)
	Died in AICU	9	(1.7)
Total		529	(100.0)
Grand Total		1,748	(100.0)

Notes

1) Source: Intensive Care National Audit Research Centre (ICNARC)(REF13)

2) This table includes data from children treated in England, Northern Ireland and Wales at hospitals which provided permission for PICANet to receive data on children treated in AICU

3) As hospitals have to give permission for PICANet to access these data, this does not necessarily represent full coverage for all children treated in AICU

TABLE 67 LENGTH OF STAY FOR SURVIVING CHILDREN ADMITTED TO AICUs, 2016 - 2018

Table 67 shows the median and range of length of stay in days on an Adult Intensive Care Unit (AICU) for children (<16 years) admitted to AICU in the reporting period, by age group. Children who died on AICU are excluded from this table.

Year	AGE GROUP (YEARS)			
	<1	1-4	5-10	11-15
2016				
Number of admissions	108	154	105	244
Median length of stay	1	1	1	2
Range (days)	1-2	1-3	1-4	1-17
2017				
Number of admissions	85	156	107	239
Median length of stay	1	1	1	2
Range (days)	1-2	1-2	1-9	1-44
2018				
Number of admissions	89	153	79	199
Median length of stay	1	1	1	2
Range (days)	1-2	1-3	1-4	1-42

Notes

1) Source: Intensive Care National Audit Research Centre (ICNARC)(REF13)

2) This table includes data from children treated in England, Northern Ireland and Wales at hospitals which provided permission for PICANet to receive data on children treated in AICU

3) As hospitals have to give permission for PICANet to access these data, this does not necessarily represent full coverage for all children treated in AICU

4) Length of stay is calculated as the difference in days between admission to and discharge from AICU plus one (therefore length of stay includes the day of admission and the day of discharge)

5) Children who died on AICU are excluded from this analysis hence number of admissions will not be equivalent to Table 62

DAILY ACTIVITY DATA (THE PAEDIATRIC CRITICAL CARE MINIMUM DATASET)

PICANet have received daily activity data from 32 organisations in 2016 - 2018. This data covers patients of all paediatric age categories.

The purpose of the PCCMDS is to provide the basis for payment by results (PbR) through the establishment of healthcare resource groups (HRGs). They were specified to take into account differing levels of activity in PICU:

XB09Z - Enhanced Care

XB07Z - High Dependency

XB06Z - High Dependency Advanced

XB05Z - Intensive Care Basic

XB04Z - Intensive Care Basic Enhanced

XB03Z - Intensive Care Advanced

XB02Z - Intensive Care Advanced Enhanced

XB01Z - Intensive Care - ECMO / ECLS

The data received by PICANet have been grouped into these HRGs using a Reference Costs Payment Grouper[REF(11).]

We report results for identified PICUs. There is still wide variation in the level of intensive care activity delivered in different units. Some of this variation may reflect differences in practice between cardiac and non-cardiac PICUs that make like-for-like comparisons less clear.

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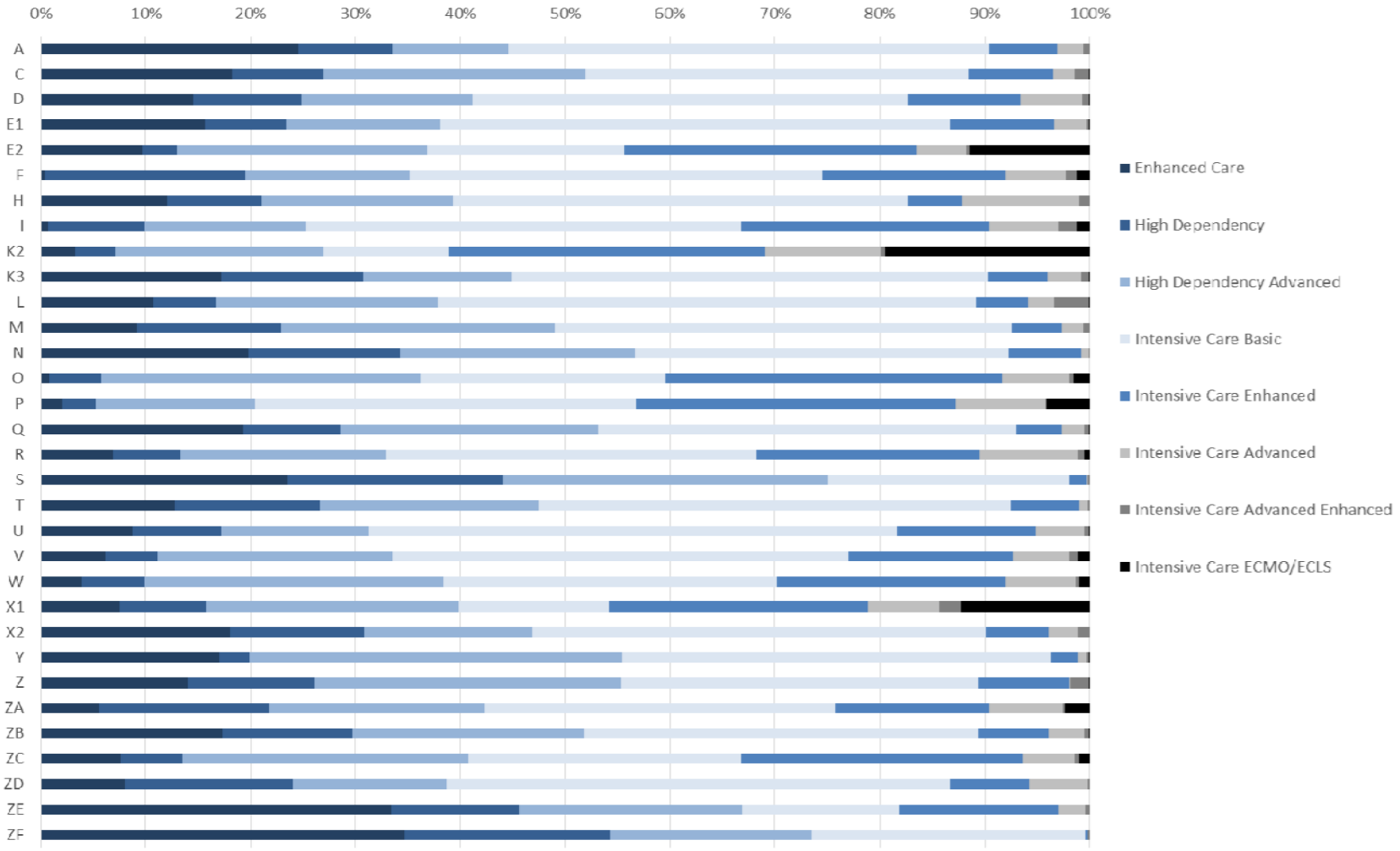
FIGURE PCCMDS 1 ACTIVITY BY HEALTH ORGANISATION, 2016 - 2018

Figure PCCMDS 1 shows the proportion of days of care delivered over the reporting period at each HRG group level, by organisation.



Notes

1) Based on admissions for which PCCMDS data were available.

TABLE PCCMDS 2 DAILY HRG ACTIVITY, 2016 - 2018

Table PCCMDS 2 shows the number of days of care delivered over the reporting period at each HRG group level, and the proportion of days of care this represents out of the total number of days of care provided.

Code	HRG	Days	%
UZ01Z	Unable to group	4,013	(0.9)
XB09Z	Enhanced Care	44,908	(10.3)
XB07Z	High Dep	39,311	(9.0)
XB06Z	High Dep Adv	91,110	(21.0)
XB05Z	Int Care Basic	157,369	(36.2)
XB04Z	Int Care Enhanced	65,680	(15.1)
XB03Z	Int Care Advanced	21,267	(4.9)
XB02Z	Int Care Adv Enh	2,657	(0.6)
XB01Z	Int Care ECMO/ECLS	8,327	(1.9)
Total		**434,642**	**(100.0)**

Notes

1) 'Unable to Group' are mostly those with combinations of activities no longer regarded as high dependency, as well as some where problems arise in aspects of the grouper other than activity e.g. Diagnosis

2) Based on admissions for which PCCMDS data were available.

TABLE PCCMDS 3 NUMBER OF ACTIVITIES PER DAY, 2016 - 2018

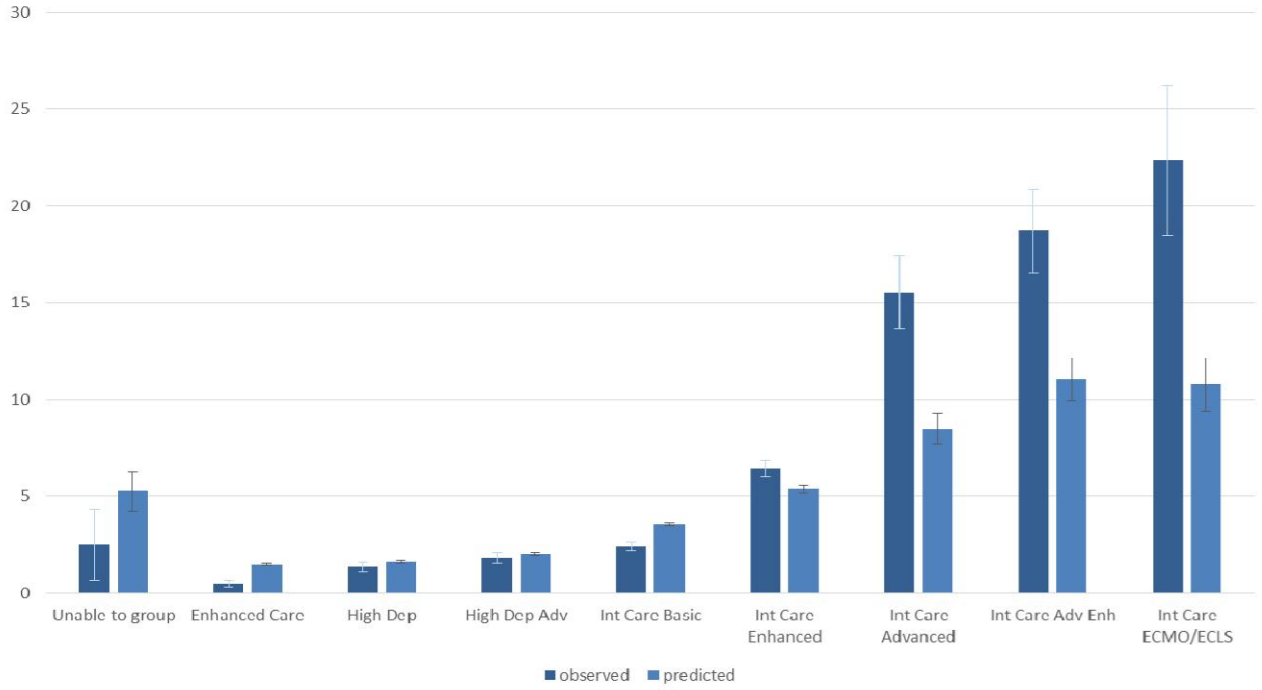
Table PCCMDS 3 shows the number of days where a given number of activities were performed, alongside the proportion of days of care this represents out of the total number of days of care provided.

Number of activities	Days	% of Days
0	4,088	(0.9)
1	12,046	(2.8)
2	36,986	(8.5)
3	61,549	(14.2)
4	102,744	(23.6)
5	82,716	(19.0)
6	52,567	(12.1)
7	44,509	(10.2)
8	23,935	(5.5)
9	9,400	(2.2)
10	3,056	(0.7)
11	852	(0.2)
12	166	(0.0)
13	26	(0.0)
14	4	(0.0)
Total	**434,644**	**(100.0)**

Notes
1) Based on admissions for which PCCMDS data were available.

FIGURE PCCMDS 4 PREDICTED AND OBSERVED DEATH RATES BY INITIAL HRG, 2016 - 2018

Figure PCCMDS 4 shows expected and observed deaths, by initial HRG for each admission, with error bars.



Notes

1) Based on admissions for which PCCMDS data were available.

2) Predicted mortality is based on the Paediatric Index of Mortality 3 (PIM3)[REF(4)] recalibrated in 2019.

3) Recalibrated PIM3 co-efficient for 2019 can be found in Table 50c(ii)

4) 'Unable to Group' are mostly those with combinations of activities no longer regarded as high dependency, as well as some where problems arise in aspects of the grouper other than activity e.g. Diagnosis

DATA QUALITY REPORT

This report on data quality comprises of 2 parts: a report on the validation visits carried out by three members of the PICANet team to PICUs and specialist PIC transport services, where data entered on PICANet event records is compared with that in notes of a sample of patient episodes of care, and a central report on the completeness of the information held on the PICANet Web server.

PAEDIATRIC INTENSIVE CARE UNIT AND PIC TRANSPORT SERVICE VALIDATION VISITS - MARCH 2016 TO APRIL 2019

Between April 2018 and March 2019, 23 PICUs received validation visits by a PICANet observer. The validation visits enable an assessment of data accuracy to be carried out and assists with the detection of systematic errors.

At each visit the units are asked to provide 10 sets of case notes for consecutive admissions, prior to a specified date three months before the visit. Ideally 100% of the records should be available and Table DQ1a shows that this was achieved in all units visited. In order to include an individual admission event all the required data including the PICU observation charts and relevant PIC Transport team documentation must be provided.

In this report, PICANet presents the results of validation visits to specialist PIC transport organisations and PICU based teams between April 2016 and February 2019 (there were no validation visits in March 2019). Five PIC transport organisations/PICU teams received a validation visit. At each visit the organisation were asked to select 10 sequential referral and associated transport events, before a specified date three months prior to the visit.

For this report the tables and figures relating to validation visits have been presented with letter 'a' relating to admission events, 'b' to referral events and 'c' to transport events.

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TABLE DQ1a NUMBER OF DISCREPANCIES FOR ADMISSION EVENTS REVIEWED, APRIL 2018 - MARCH 2019

Table DQ1a shows visit date, the number of admission events reviewed and the total number of discrepancies noted for each validation visit between April 2018 and March 2019.

At each visit the units are asked to provide 10 sets of case notes for consecutive admissions, prior to a specified date three months before the visit. Ideally 100% of the records should be available. In order to include an individual admission event all the required data including the PICU observation charts and relevant PIC Transport team documentation must be provided.

Date Visited Year	Date Visited Month	Organisation	No. of admission events reviewed	Total No. of discrepancies
2018	**Apr**	A	10	16
		ZB	10	29
	May	C	10	13
		X1	10	18
	Jun	V	11	27
	Jul	P	10	11
		S	10	20
		ZA	10	7
	Aug	L	10	47
	Sep	Q	10	3
		T	10	1
	Oct	Y	10	15
	Nov	K2	10	3
		K3	10	13
	Dec	E1	10	1
		E2	10	19
2019	**Jan**	I	10	12
		ZE	10	7
	Mar	O	10	8
		R	10	28
		Z	10	51
		ZC	10	19
		ZD	11	20

TABLE DQ1b NUMBER OF DISCREPANCIES FOR REFERRAL EVENTS REVIEWED, APRIL 2016 - MARCH 2019

Tables DQ1b shows visit date, the number of referral events reviewed, and the total number of discrepancies noted during each validation visit.

Date Visited Year	Date Visited Month	Organisation	No. of referral events reviewed	Total No. of discrepancies
2017	**Jan**	X1	2	2
	Mar	T022	10	6
	Apr	T026	10	7
	Nov	T020	10	13
2018	**Jan**	T001	14	9
		T027	10	5
	Apr	ZB	12	7
	Oct	T002	11	4
	Nov	T026	10	5
2019	**Jan**	T001	14	8
	Feb	T003	11	5

TABLE DQ1c NUMBER OF DISCREPANCIES FOR TRANSPORT EVENTS REVIEWED, APRIL 2016 - MARCH 2019

Tables DQ1c shows visit date, the number of transport events reviewed, and the total number of discrepancies noted during each validation visit.

Date Visited Year	Date Visited Month	Organisation	No. of admission events reviewed	Total No. of discrepancies
2017	**Jan**	X1	5	2
	Mar	T022	28	10
	Apr	T026	14	10
	Nov	T020	51	10
2018	**Jan**	T027	57	10
	Apr	ZB	7	10
	Oct	T002	12	10
	Nov	T026	12	10
2019	**Jan**	T001	28	12
	Feb	T003	22	9

TABLE DQ2a NUMBER OF DISCREPANCIES FOUND PER ADMISSION EVENT REVIEWED, APRIL 2016 - MARCH 2019

Tables DQ2a shows the number of discrepancies between case notes and PICANet Web identified during validation visits alongside the mean number of discrepancies per case, by year.

Year	No. of cases	Number of discrepancies	Mean discrepancies per case
April 2016 - March 2017	110	288	(2.6)
April 2017 - March 2018	222	574	(2.6)
April 2018 - March 2019	232	388	(1.7)

FIGURE DQ3a PERCENTAGE OF ADMISSION EVENTS WITH AT LEAST ONE DISCREPANCY BY CATEGORY, APRIL 2018 - MARCH 2019

Figure DQ3a shows the percentage of admission events with at least one discrepancy, by category of variable, between 01/04/2018 and 31/03/2019.

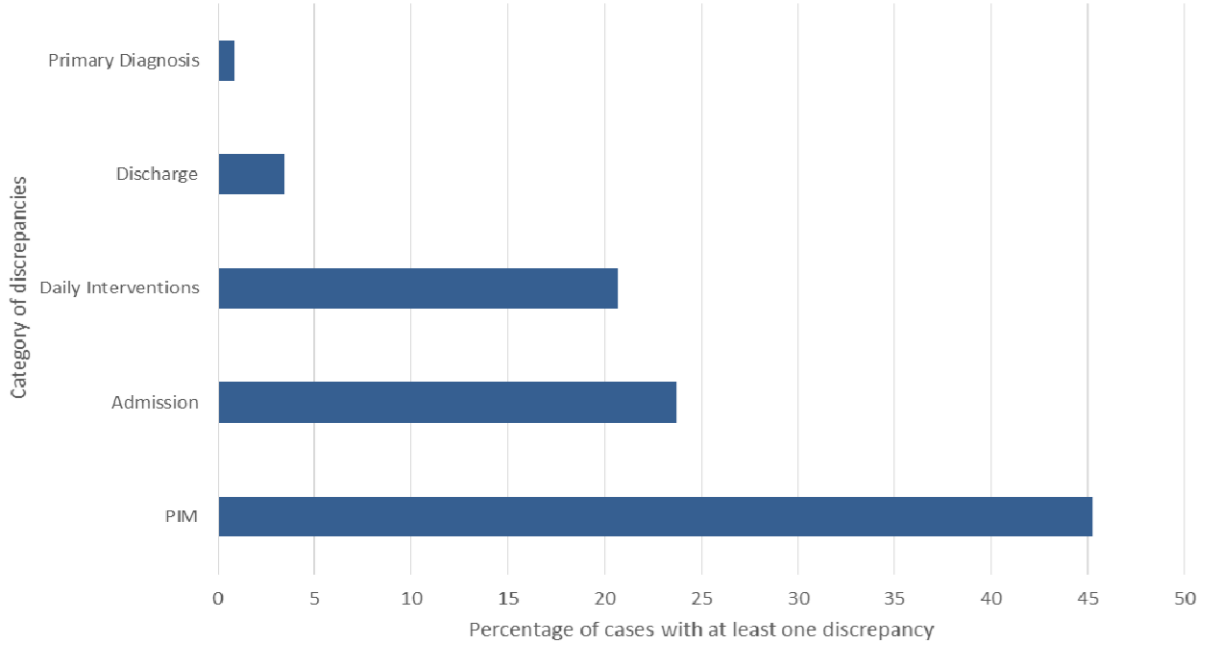


TABLE DQ2b NUMBER OF DISCREPANCIES FOUND PER REFERRAL EVENT REVIEWED, APRIL 2016 - MARCH 2019

Tables DQ2b shows the number of discrepancies identified for referral events during validation visits alongside the mean number of discrepancies per case, by year.

Year	No. of cases	Number of discrepancies	Mean discrepancies per case
April 2016 - March 2017	11	8	(0.7)
April 2017 - March 2018	42	32	(0.8)
April 2018 - March 2019	51	29	(0.6)

FIGURE DQ3b PERCENTAGE OF CASES WITH AT LEAST ONE DISCREPANCY BY CATEGORY WITHIN REFERRAL NOTES, APRIL 2016 - MARCH 2019

Figure DQ3b shows the percentage of referral events with at least one discrepancy, by category of variable, between 01/04/2016 and 31/03/2019.

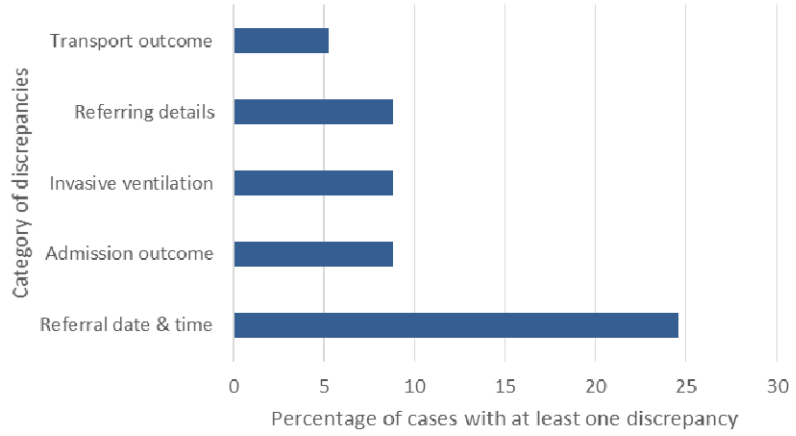


TABLE DQ2c NUMBER OF DISCREPANCIES FOUND PER CASE WITHIN TRANSPORT NOTES, APRIL 2016 - MARCH 2019

Tables DQ2c shows the number of discrepancies identified for transport events during validation visits alongside the mean number of discrepancies per case, by year.

Year	No. of cases	Number of discrepancies	Mean discrepancies per case
April 2016 - March 2017	12	33	(3.0)
April 2017 - March 2018	29	117	(4.0)
April 2018 - March 2019	45	81	(2.0)

FIGURE DQ3c PERCENTAGE OF CASES WITH AT LEAST ONE DISCREPANCY BY CATEGORY WITHIN TRANSPORT NOTES, APRIL 2016 - MARCH 2019

Figure DQ3c shows the percentage of transport events with at least one discrepancy, by category of variable, between 01/04/2016 and 01/03/2019.

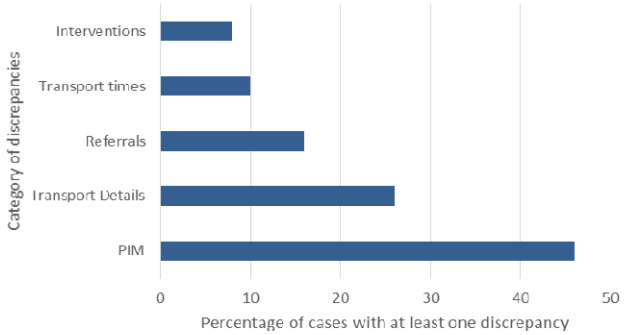
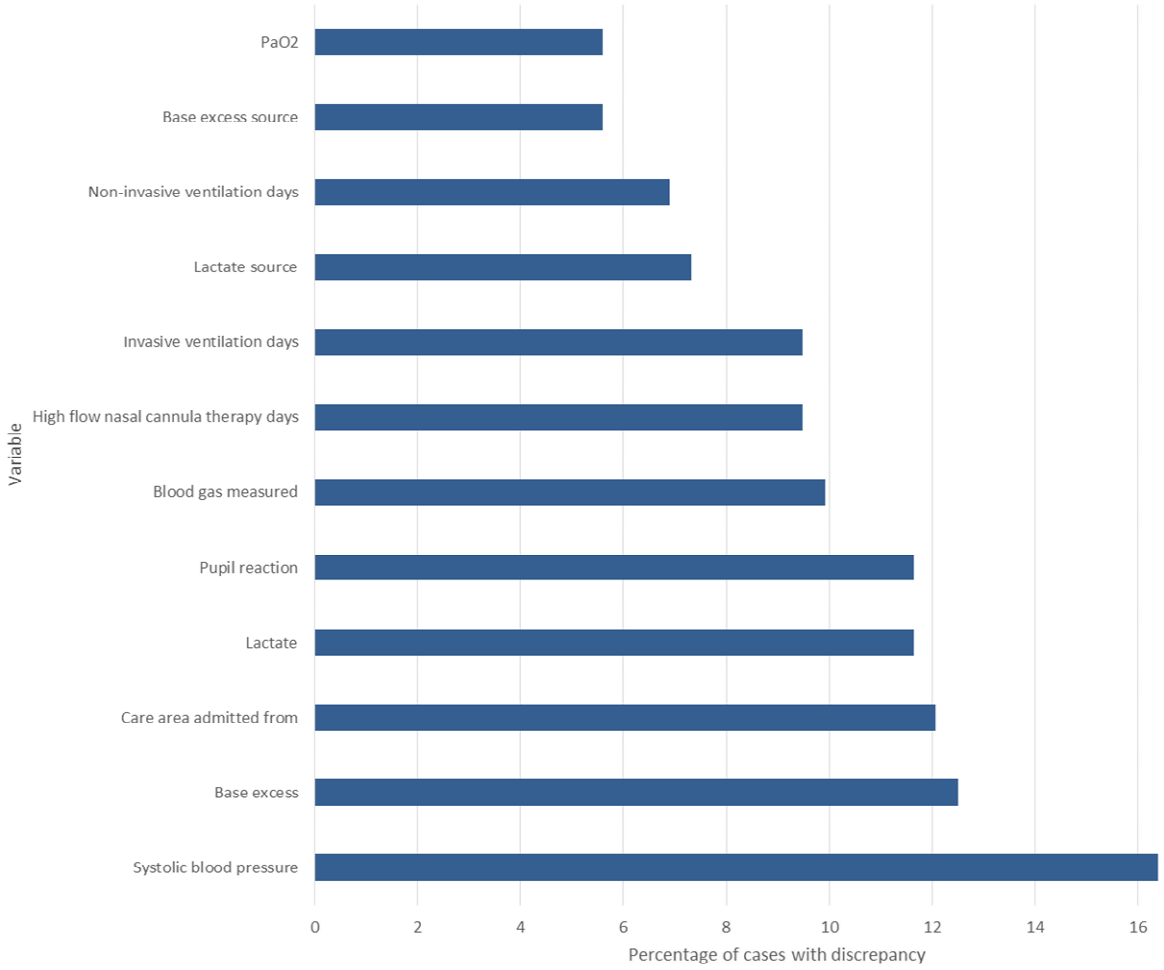


FIGURE DQ4a ADMISSION EVENTS PERCENTAGE OF DISCREPANCIES FOUND BY VARIABLE, APRIL 2018 - MARCH 2019

Figure DQ4a shows the percentage of cases with discrepancy for each variable for the admission events reviewed between 01/04/2018 and 31/03/2019.

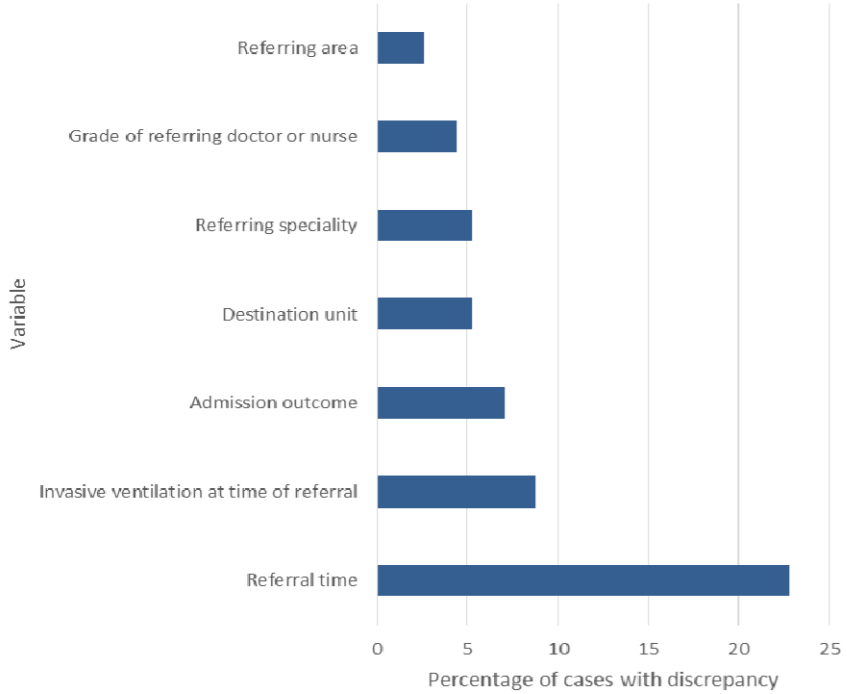


Notes

1) Only variables with a discrepancy rate higher than 5% are shown.

FIGURE DQ4b REFERRAL EVENTS PERCENTAGE OF DISCREPANCIES FOUND BY VARIABLE, APRIL 2016 - MARCH 2019

Figure DQ4b shows the percentage of cases with discrepancy for each variable for the referral events reviewed between 01/04/2016 and 31/03/2019.

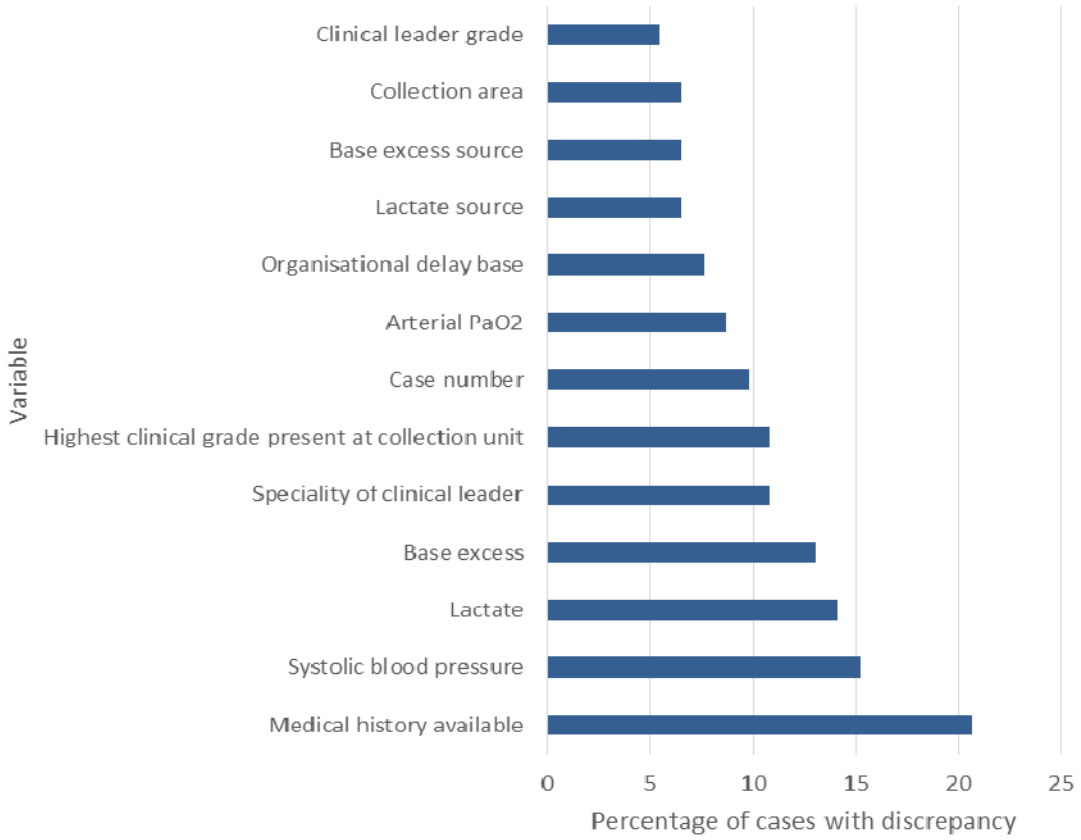


Notes

1) All variables with a discrepancy are shown due to the small number of variables containing a discrepancy

FIGURE DQ4c TRANSPORT EVENTS PERCENTAGE OF DISCREPANCIES FOUND BY VARIABLE, APRIL 2016 - MARCH 2019

Figure DQ4c shows the percentage of cases with discrepancy for each variable for the transport events reviewed between 01/04/2016 and 31/03/2019.



Notes

1) Only variables with a discrepancy rate higher than 5% are shown.

TABLE DQ5 DIFFERENCES IN ADMISSION COUNT BETWEEN THE UNIT'S ADMISSION BOOK AND NUMBER SUBMITTED TO PICANet, 2018/19

Table DQ5 shows the differences in the admission count between the units' admission book and the number of admission events submitted to PICANet, for twelve complete months prior to the date of the validation visit - the visit date period. Units are asked to review any differences identified by this process and ensure that all admission events are submitted to PICANet Web. In units where PICANet are unable to undertake an independent count (for example, where there are no admission books), alternative methods of checking submission completeness are investigated.

Organisation	Visit Count	Number recorded on PICANet Web for period at visit date	Difference at time of visit	Number recorded on PICANet Web - for visit date period - reviewed May 2019	Difference between visit count and PICANet Web May 2019	Comment
A	627	626	-1	627	0	
C	520	520	0	520	0	
E1	1066	1066	0	1066	0	
E2	795	798	3	799	4	
I	686	686	0	687	1	
K2	309	307	-2	304	-5	Infants transferred for a cardiac procedure but receiving all care by the DGH team and patients admitted for day case dialysis or line removal are not recorded on PICANet Web. Reviewed by unit confirmed all events submitted
K3	640	640	0	639	-1	
L	318	308	-10	309	-9	
O		649		647		PICANet unable to undertake independent count to confirm all paediatric intensive care admission events to the unit are recorded on PICANet Web. The unit has a practise of discharging patients to theatre and readmitting to allow collection of post-surgical PIM values; leading to the recording of duplicate admission events in the unit admission book
P	973	963	-10	963	-10	
Q		774		774		PICANet unable to undertake an independent count of the admission book due to the transfer of patients between PICU and HDU
R	906	906	0	906	0	
S	346	340	-6	340	-6	
T	594	594	0	597	3	
V	1393	1393	0	1393	0	
X1	407	406	-1	406	-1	
Y		541		541		PICANet unable to undertake an independent count of the admission book, unit submit patients to PICANet according to an agreed specified criteria
Z	398	397	-1	397	-1	
ZA	935	934	-1	935	0	
ZB	528	525	-3	526	-2	
ZC		1041		1055		PICANet unable to undertake an independent count of the admission books due to the transfer of patients between two PICU wards.
ZD	422	419	-1	421	-1	
ZE	339	338	-1	339	0	

Notes

1) Blank cells mean data are unavailable

TABLE DQ6a DATA COMPLETENESS BY DATA ITEM - ADMISSION, 2016 - 2018

This table shows completeness by data item for admission events, for the three year reporting period combined. The number of expected data items is presented alongside the number of these records that were complete and valid at the point of final data lock. The number of data items with unresolved database validation queries are also presented with the proportion of all expected items this represents. The final two columns relate to missing data items: one shows the number of records which have been left blank without explanation, the other shows the number of data items which have been left blank but it has been confirmed that this data is not available or another explanation has been given. Percentages in both of these final columns show the proportion of expected data items these represent.

Group / Variable	Number of expected data items	Complete and valid		Unresolved validation queries		Missing			
						Blank		Explanation given	
		n	(%)	n	(%)	n	(%)	n	(%)
Demographic									
First line of address	**55,876**	**55,857**	**(99.9)**	0	(0.0)	0	(0.0)	19	(0.0)
Case note number	**61,833**	**61,831**	**(99.9)**	0	(0.0)	0	(0.0)	2	(0.0)
Date of birth	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Ethnic background	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Family name	**55,876**	**55,876**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
First name	**55,876**	**55,876**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
NHS number	**53,721**	**53,256**	**(99.1)**	0	(0.0)	0	(0.0)	465	(0.9)
Postcode	**55,876**	**55,761**	**(99.8)**	0	(0.0)	0	(0.0)	115	(0.2)
Sex	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Admission									
Organisation collected from	**18,700**	**18,700**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Admission date	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Admission number	**61,833**	**61,603**	**(99.6)**	0	(0.0)	0	(0.0)	230	(0.4)
Admission time	**61,833**	**61,800**	**(99.9)**	0	(0.0)	0	(0.0)	33	(0.1)
Admission type	**61,833**	**61,481**	**(99.4)**	352	(0.6)	0	(0.0)	0	(0.0)
Organisation performing collection	**18,700**	**18,700**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Type of organisation performing collection	**18,700**	**18,700**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Care area admitted from	**60,987**	**60,987**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Delivery order	**61,833**	**58,179**	**(94.1)**	0	(0.0)	0	(0.0)	3,654	(5.9)
Gestational age	**33,217**	**27,724**	**(83.5)**	0	(0.0)	0	(0.0)	5,493	(16.5)
Multiplicity	**61,833**	**54,421**	**(88.0)**	0	(0.0)	0	(0.0)	7,412	(12.0)
Previous intensive care admission	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Patient was retrieved	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Source of admission	**61,833**	**61,811**	**(100.0)**	22	(<0.1)	0	(0.0)	0	(0.0)

Group / Variable	Number of expected data items	Complete and valid		Unresolved validation queries		Missing			
						Blank		Explanation given	
		n	(%)	n	(%)	n	(%)	n	(%)
Base excess source	**40,643**	**40,643**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Blood gas collected within the first hour	**61,833**	**61,832**	**(100.0)**	0	(0.0)	1	(<0.1)	0	(0.0)
Systolic blood pressure	**61,833**	**56,187**	**(90.9)**	0	(0.0)	1	(<0.1)	5,645	(9.1)
CPAP in the first hour	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Fio2	**23,797**	**22,563**	**(94.8)**	0	(0.0)	0	(0.0)	1,234	(5.2)
Head box	**23,796**	**23,796**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Intubation	**23,797**	**23,797**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Lactate	**42,303**	**40,738**	**(96.3)**	0	(0.0)	1	(0.0)	1,564	(3.7)
Lactate source	**40,739**	**40,739**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Mechanically ventilated	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Evidence available to assess past medical history	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
PAO2	**42,303**	**23,796**	**(56.3)**	0	(0.0)	1	(<0.1)	18,506	(43.7)
Primary reason for admission	**61,833**	**61,735**	**(99.8)**	0	(0.0)	0	(0.0)	98	(0.2)
Pupil reaction	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Surgical procedure	**23,949**	**23,949**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Diagnosis and procedures									
Primary diagnosis	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Discharge									
Discharged to palliative care	**61,833**	**61,833**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Unit discharge date	**61,833**	**61,826**	**(99.9)**	0	(0.0)	7	(<0.1)	0	(0.0)
Unit discharge destination	**61,821**	**61,821**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Unit discharge destination - hospital	**55,409**	**55,409**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Unit discharge status	**61,833**	**61,826**	**(99.9)**	0	(0.0)	7	(<0.1)	0	(0.0)
Unit discharge time	**61,833**	**61,826**	**(99.9)**	0	(0.0)	7	(<0.1)	0	(0.0)
30 day follow up									
30 day follow up status	**55,443**	**55,442**	**(99.9)**	0	(0.0)	1	(<0.1)	0	(0.0)
30 day follow up location	**44,191**	**44,191**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
30 day follow up location - hospital	**6,185**	**6,185**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Death									
Date of death	**141**	**141**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Time of death	**141**	**141**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)

Notes

1) NHS number expected if the record is submitted by an English, Scottish or Welsh organisation where the record has not been anonymised and the patient is not ineligible for an NHS number

TABLE DQ6b DATA COMPLETENESS BY DATA ITEM - REFERRAL, 2016 - 2018

This table shows completeness by data item for referral events, for the three year reporting period combined. The number of expected data items is presented alongside the number of these records that were complete and valid at the point of final data lock. The number of data items with unresolved database validation queries are also presented with the proportion of all expected items this represents. The final two columns relate to missing data items: one shows the number of records which have been left blank without explanation, the other shows the number of data items which have been left blank but it has been confirmed that this data is not available or another explanation has been given. Percentages in both of these final columns show the proportion of expected data items these represent.

Group / Variable	Number of expected data items	Complete and valid		Unresolved validation queries		Missing			
						Blank		Explaination given	
		n	(%)	n	(%)	n	(%)	n	(%)
Demographic									
Date of Birth	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Family Name	**23,020**	**23,018**	**(99.9)**	0	(0.0)	0	(0.0)	2	(0.0)
First Name	**23,020**	**23,019**	**(99.9)**	0	(0.0)	0	(0.0)	1	(0.0)
NHS number	**22,885**	**21,531**	**(94.1)**	0	(0.0)	0	(0.0)	1,354	(5.9)
Postcode	**23,020**	**21,585**	**(93.8)**	0	(0.0)	0	(0.0)	1,435	(6.2)
Sex	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Referral									
Admission outcome	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Destination organisation	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Invasive ventilation at time of referral	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Referral date	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Referral time	**23,928**	**23,425**	**(97.9)**	0	(0.0)	0	(0.0)	503	(2.1)
Referring area	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Grade of referring doctor or nurse	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Referring organisation	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Referring speciality	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Transport organisation	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Transport outcome	**23,928**	**23,928**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)

Notes

1) NHS number expected if the record is submitted by an English, Scottish or Welsh organisation where the record has not been anonymised and the patient is not ineligible for an NHS number

TABLE DQ6c DATA COMPLETENESS BY DATA ITEM - TRANSPORT, 2016 - 2018

This table shows completeness by data item for transport events, for the three year reporting period combined. The number of expected data items is presented alongside the number of these records that were complete and valid at the point of final data lock. The number of data items with unresolved database validation queries are also presented with the proportion of all expected items this represents. The final two columns relate to missing data items: one shows the number of records which have been left blank without explanation, the other shows the number of data items which have been left blank but it has been confirmed that this data is not available or another explanation has been given. Percentages in both of these final columns show the proportion of expected data items these represent.

Group / Variable	Number of expected data items	Complete and valid		Unresolved validation queries		Missing			
						Blank		Explaination given	
		n	(%)	n	(%)	n	(%)	n	(%)
Demographic									
First line of address	**16,140**	**15,840**	**(98.1)**	0	(0.0)	0	(0.0)	300	(1.9)
Date of birth	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Family name	**16,140**	**16,139**	**(99.9)**	0	(0.0)	0	(0.0)	1	(0.0)
First name	**16,140**	**16,140**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
NHS number	**16,057**	**15,778**	**(98.3)**	0	(0.0)	0	(0.0)	279	(1.7)
Postcode	**16,140**	**15,881**	**(98.4)**	0	(0.0)	0	(0.0)	259	(1.6)
Sex	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Transport									
Collection organisation	**16,836**	**16,829**	**(99.9)**	0	(0.0)	0	(0.0)	7	(0.0)
Critical incidents during transit	**16,836**	**16,794**	**(99.8)**	0	(0.0)	0	(0.0)	42	(0.2)
Destination organisation	**16,306**	**16,306**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Destination organisation type	**16,306**	**16,306**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Interventions	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Grade of clinical team leader	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Speciality of clinical team leader	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Grade of most senior nurse	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Did a parent accompany the patient	**16,306**	**16,306**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Grade of referral	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Did a medical technician accompany	**16,306**	**16,306**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Transport classification	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Transport date	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Transport organisation	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Transport organisation type	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Transport outcome	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Transport time	**16,836**	**16,462**	**(97.8)**	0	(0.0)	0	(0.0)	374	(2.2)
Base to collection journey									
Aircraft type base	**385**	**385**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Arrive base airport date	**385**	**383**	**(99.5)**	0	(0.0)	0	(0.0)	2	(0.5)
Arrive base airport time	**385**	**323**	**(83.9)**	0	(0.0)	0	(0.0)	62	(16.1)
Arrive collection unit date	**16,007**	**15,949**	**(99.6)**	0	(0.0)	0	(0.0)	58	(0.4)
Arrive collection unit time	**16,007**	**15,908**	**(99.4)**	0	(0.0)	0	(0.0)	99	(0.6)
Base to collection mode of transport	**16,218**	**16,215**	**(99.9)**	0	(0.0)	0	(0.0)	3	(0.0)
Blue light base	**16,007**	**16,007**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Depart base date	**16,007**	**15,969**	**(99.8)**	0	(0.0)	0	(0.0)	38	(0.2)
Depart base time	**16,007**	**15,850**	**(99.0)**	0	(0.0)	0	(0.0)	157	(1.0)
Land collection airport date	**385**	**384**	**(99.7)**	0	(0.0)	0	(0.0)	1	(0.3)
Land collection airport time	**385**	**363**	**(94.3)**	0	(0.0)	0	(0.0)	22	(5.7)
Organisational delay base to collection	**16,007**	**16,007**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Takeoff base airport date	**385**	**383**	**(99.5)**	0	(0.0)	0	(0.0)	2	(0.5)
Takeoff base airport time	**385**	**372**	**(96.6)**	0	(0.0)	0	(0.0)	13	(3.4)
Vehicle incident base	**16,007**	**16,007**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)

Group / Variable	Number of expected data items	Complete and valid n	Complete and valid (%)	Unresolved validation queries n	Unresolved validation queries (%)	Missing: Blank n	Missing: Blank (%)	Missing: Explaination given n	Missing: Explaination given (%)
Patient journey									
Aircraft type collection	**16,382**	**16,382**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Arrive collection airport date	**16,382**	**16,382**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Arrive collection airport time	**16,382**	**16,382**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Arrive destination unit date	**16,275**	**16,257**	**(99.9)**	0	(0.0)	0	(0.0)	18	(0.1)
Arrive destination unit time	**16,275**	**16,116**	**(99.0)**	0	(0.0)	0	(0.0)	159	(1.0)
Blue light collection	**16,275**	**16,275**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Depart collection unit date	**16,275**	**16,255**	**(99.9)**	0	(0.0)	0	(0.0)	20	(0.1)
Depart collection unit time	**16,275**	**15,877**	**(97.6)**	0	(0.0)	0	(0.0)	398	(2.4)
Depart destination airport date	**16,382**	**16,382**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Depart destination airport time	**16,382**	**16,382**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Land destination airport date	**16,382**	**16,382**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Land destination airport time	**16,382**	**16,382**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Organisational delay collection	**16,275**	**16,275**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Patient journey Mode of transport	**16,368**	**16,326**	**(99.7)**	0	(0.0)	0	(0.0)	42	(0.3)
Takeoff collection airport date	**16,382**	**16,382**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Takeoff collection airport time	**16,382**	**16,382**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Vehicle incident collection	**15,831**	**15,831**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Arrive base date	**13,623**	**13,463**	**(98.8)**	0	(0.0)	0	(0.0)	160	(1.2)
Arrive base time	**13,623**	**13,212**	**(97.0)**	0	(0.0)	0	(0.0)	411	(3.0)
Arrive destination airport date	**102**	**92**	**(90.2)**	0	(0.0)	0	(0.0)	10	(9.8)
Arrive destination airport time	**102**	**68**	**(66.7)**	0	(0.0)	0	(0.0)	34	(33.3)
Blue light destination	**13,623**	**13,623**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Depart base airport date	**102**	**95**	**(93.1)**	0	(0.0)	0	(0.0)	7	(6.9)
Depart base airport time	**102**	**66**	**(64.7)**	0	(0.0)	0	(0.0)	36	(35.3)
Depart destination unit date	**13,623**	**13,512**	**(99.2)**	0	(0.0)	0	(0.0)	111	(0.8)
Depart destination unit time	**13,623**	**13,395**	**(98.3)**	0	(0.0)	0	(0.0)	228	(1.7)
Destination unit to base mode of transport	**13,873**	**13,862**	**(99.9)**	0	(0.0)	0	(0.0)	11	(0.1)
Land base airport date	**102**	**99**	**(97.1)**	0	(0.0)	0	(0.0)	3	(2.9)
Land base airport time	**102**	**85**	**(83.3)**	0	(0.0)	0	(0.0)	17	(16.7)
Organisational delay destination	**13,623**	**13,623**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Takeoff destination airport date	**102**	**97**	**(95.1)**	0	(0.0)	0	(0.0)	5	(4.9)
Takeoff destination airport time	**102**	**102**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Vehicle incident destination	**13,623**	**13,623**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
PIM									
Base excess	**9,979**	**9,550**	**(95.7)**	0	(0.0)	0	(0.0)	429	(4.3)
Base excess source	**9,550**	**9,550**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Blood gas collected within the first hour	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Systolic blood pressure	**16,343**	**15,459**	**(94.6)**	0	(0.0)	0	(0.0)	884	(5.4)
CPAP in the first hour	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Fio2	**4,399**	**4,228**	**(96.1)**	0	(0.0)	0	(0.0)	171	(3.9)
Head box	**4,397**	**4,397**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Intubation	**4,399**	**4,399**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Lactate	**9,979**	**9,139**	**(91.6)**	0	(0.0)	0	(0.0)	840	(8.4)
Lactate source	**9,139**	**9,139**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Mechanically ventilated	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
dence available to assess past medical history	**16,343**	**16,343**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
PAO2	**9,979**	**4,399**	**(44.1)**	0	(0.0)	0	(0.0)	5,580	(55.9)
Primary reason for admission	**16,343**	**16,343**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Pupil reaction	**16,836**	**16,836**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Surgical procedure	**136**	**136**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)

Notes

1) NHS number expected if the record is submitted by an English, Scottish or Welsh organisation where the record has not been anonymised and the patient is not ineligible for an NHS number

TABLE DQ9a COMPLETENESS FOR NHS/CHI NUMBER BY ORGANISATION - ADMISSION, 2016 - 2018

This table shows completeness of NHS/CHI number for admission events, by organisation, for the three year reporting period combined. The number of expected data items is presented alongside the number of these records that were complete and valid at the point of final data lock. The number of data items with unresolved database validation queries are also presented with the proportion of all expected items this represents. The final two columns relate to missing data items: one shows the number of records which have been left blank without explanation, the other shows the number of data items which have been left blank but it has been confirmed that this data is not available or another explanation has been given. Percentages in both of these final columns show the proportion of expected data items these represent.

						Missing			
Organisation	Number of expected data items	Complete and valid		Unresolved validation queries		Blank		Explaination given	
		n	(%)	n	(%)	n	(%)	n	(%)
A	**1,823**	**1,823**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
C	**1,545**	**1,544**	**(99.9)**	0	(0.0)	0	(0.0)	1	(0.1)
D	**2,502**	**2,500**	**(99.9)**	0	(0.0)	0	(0.0)	2	(0.1)
E1	**2,780**	**2,779**	**(100.0)**	0	(0.0)	0	(0.0)	1	(0.0)
E2	**2,131**	**2,111**	**(99.1)**	0	(0.0)	0	(0.0)	20	(0.9)
F	**3,327**	**3,136**	**(94.3)**	0	(0.0)	0	(0.0)	191	(5.7)
H	**1,576**	**1,445**	**(91.7)**	0	(0.0)	0	(0.0)	131	(8.3)
I	**2,129**	**2,129**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
K2	**921**	**921**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
K3	**1,932**	**1,931**	**(99.9)**	0	(0.0)	0	(0.0)	1	(0.1)
L	**881**	**881**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
M	**2,054**	**2,054**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
N	**2,411**	**2,410**	**(100.0)**	0	(0.0)	0	(0.0)	1	(0.0)
O	**1,718**	**1,647**	**(95.9)**	0	(0.0)	0	(0.0)	71	(4.1)
P	**2,925**	**2,924**	**(100.0)**	0	(0.0)	0	(0.0)	1	(0.0)
Q	**2,272**	**2,272**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
R	**2,716**	**2,716**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
S	**849**	**849**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
T	**1,849**	**1,847**	**(99.9)**	0	(0.0)	0	(0.0)	2	(0.1)
U	**965**	**963**	**(99.8)**	0	(0.0)	0	(0.0)	2	(0.2)
V	**3,868**	**3,868**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
W	**2,161**	**2,159**	**(99.9)**	0	(0.0)	0	(0.0)	2	(0.1)
X1	**1,315**	**1,315**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
X2	**1,180**	**1,178**	**(99.8)**	0	(0.0)	0	(0.0)	2	(0.2)
Y	**1,562**	**1,560**	**(99.9)**	0	(0.0)	0	(0.0)	2	(0.1)
Z	**1,211**	**1,210**	**(99.9)**	0	(0.0)	0	(0.0)	1	(0.1)
ZA	**2,786**	**2,786**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZB	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZC	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZD	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZE	**284**	**284**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZF	**48**	**14**	**(29.2)**	0	(0.0)	0	(0.0)	34	(70.8)
Total	**53,721**	**53,256**	**(99.1)**	**0**	**(0.0)**	**0**	**(0.0)**	**465**	**(0.9)**

Notes

1) NHS number expected if the record is submitted by an English, Scottish or Welsh organisation where the record has not been anonymised and the patient is not ineligible for an NHS number

TABLE DQ9b COMPLETENESS FOR NHS/CHI NUMBER BY ORGANISATION - REFERRAL, 2016 - 2018

This table shows completeness of NHS/CHI number for referral events, by organisation, for the three year reporting period combined. The number of expected data items is presented alongside the number of these records that were complete and valid at the point of final data lock. The number of data items with unresolved database validation queries are also presented with the proportion of all expected items this represents. The final two columns relate to missing data items: one shows the number of records which have been left blank without explanation, the other shows the number of data items which have been left blank but it has been confirmed that this data is not available or another explanation has been given. Percentages in both of these final columns show the proportion of expected data items these represent.

Organisation	Number of expected data items	Complete and valid		Unresolved validation queries		Missing			
						Blank		Explaination given	
		n	(%)	n	(%)	n	(%)	n	(%)
A	**268**	**181**	**(67.5)**	0	(0.0)	0	(0.0)	87	(32.5)
C	**10**	**10**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
D	**34**	**34**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
H	**369**	**332**	**(90.0)**	0	(0.0)	0	(0.0)	37	(10.0)
K2	**27**	**27**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
K3	**4**	**4**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
M	**263**	**235**	**(89.4)**	0	(0.0)	0	(0.0)	28	(10.6)
N	**137**	**137**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
O	**4**	**1**	**(25.0)**	0	(0.0)	0	(0.0)	3	(75.0)
Q	**7**	**7**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
R	**206**	**206**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
S	**4**	**4**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
T	**26**	**20**	**(76.9)**	0	(0.0)	0	(0.0)	6	(23.1)
W	**31**	**31**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
X1	**129**	**117**	**(90.7)**	0	(0.0)	0	(0.0)	12	(9.3)
X2	**70**	**63**	**(90.0)**	0	(0.0)	0	(0.0)	7	(10.0)
Y	**168**	**167**	**(99.4)**	0	(0.0)	0	(0.0)	1	(0.6)
Z	**1**	**1**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZB	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
T001	**6,137**	**5,582**	**(91.0)**	0	(0.0)	0	(0.0)	555	(9.0)
T002	**1,612**	**1,611**	**(99.9)**	0	(0.0)	0	(0.0)	1	(0.1)
T003	**2,071**	**1,978**	**(95.5)**	0	(0.0)	0	(0.0)	93	(4.5)
T004	**3,879**	**3,462**	**(89.2)**	0	(0.0)	0	(0.0)	417	(10.8)
T005	**2,101**	**2,077**	**(98.9)**	0	(0.0)	0	(0.0)	24	(1.1)
T008	**1,356**	**1,337**	**(98.6)**	0	(0.0)	0	(0.0)	19	(1.4)
T010	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
T020	**841**	**831**	**(98.8)**	0	(0.0)	0	(0.0)	10	(1.2)
T022	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
T024	**1,568**	**1,561**	**(99.6)**	0	(0.0)	0	(0.0)	7	(0.4)
T026	**890**	**845**	**(94.9)**	0	(0.0)	0	(0.0)	45	(5.1)
T027	**672**	**670**	**(99.7)**	0	(0.0)	0	(0.0)	2	(0.3)
Total	**22,885**	**21,531**	**(94.1)**	**0**	**(0.0)**	**0**	**(0.0)**	**1,354**	**(5.9)**

Notes

1) NHS number expected if the record is submitted by an English, Scottish or Welsh organisation where the record has not been anonymised and the patient is not ineligible for an NHS number

TABLE DQ9c COMPLETENESS FOR NHS/CHI NUMBER BY ORGANISATION - TRANSPORT, 2016 - 2018

This table shows completeness of NHS/CHI number for transport events, by organisation, for the 3 year reporting period combined. The number of expected data items is presented alongside the number of these records that were complete and valid at the point of final data lock. The number of data items with unresolved database validation queries are also presented with the proportion of all expected items this represents. The final two columns relate to missing data items: one shows the number of records which have been left blank without explanation, the other shows the number of data items which have been left blank but it has been confirmed that this data is not available or another explanation has been given. Percentages in both of these final columns show the proportion of expected data items these represent.

						Missing			
	Number of expected data items	Complete and valid		Unresolved validation queries		Blank		Explaination given	
Organisation		n	(%)	n	(%)	n	(%)	n	(%)
A	**66**	**65**	**(98.5)**	0	(0.0)	0	(0.0)	1	(1.5)
C	**3**	**3**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
D	**5**	**5**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
I	**12**	**12**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
M	**181**	**177**	**(97.8)**	0	(0.0)	0	(0.0)	4	(2.2)
N	**98**	**98**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Q	**6**	**6**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
R	**126**	**126**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
S	**3**	**3**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
T	**11**	**11**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
V	**1**	**1**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
W	**58**	**58**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
X1	**109**	**106**	**(97.2)**	0	(0.0)	0	(0.0)	3	(2.8)
X2	**46**	**45**	**(97.8)**	0	(0.0)	0	(0.0)	1	(2.2)
Y	**55**	**54**	**(98.2)**	0	(0.0)	0	(0.0)	1	(1.8)
T001	**3,577**	**3,494**	**(97.7)**	0	(0.0)	0	(0.0)	83	(2.3)
T002	**1,317**	**1,316**	**(99.9)**	0	(0.0)	0	(0.0)	1	(0.1)
T003	**1,502**	**1,433**	**(95.4)**	0	(0.0)	0	(0.0)	69	(4.6)
T004	**2,702**	**2,651**	**(98.1)**	0	(0.0)	0	(0.0)	51	(1.9)
T005	**1,682**	**1,666**	**(99.0)**	0	(0.0)	0	(0.0)	16	(1.0)
T008	**1,259**	**1,255**	**(99.7)**	0	(0.0)	0	(0.0)	4	(0.3)
T010	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
T020	**782**	**781**	**(99.9)**	0	(0.0)	0	(0.0)	1	(0.1)
T022	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
T024	**1,042**	**1,038**	**(99.6)**	0	(0.0)	0	(0.0)	4	(0.4)
T026	**868**	**830**	**(95.6)**	0	(0.0)	0	(0.0)	38	(4.4)
T027	**546**	**544**	**(99.6)**	0	(0.0)	0	(0.0)	2	(0.4)
Total	**16,057**	**15,778**	**(98.3)**	**0**	**(0.0)**	**0**	**(0.0)**	**279**	**(1.7)**

Notes

1) NHS number expected if the record is submitted by an English, Scottish or Welsh organisation where the record has not been anonymised and the patient is not ineligible for an NHS number

TABLE DQ10 COMPLETENESS FOR 30 DAY FOLLOW-UP BY ORGANISATION, 2016 - 2018

Table DQ10 shows completeness of 30 day follow-up (which is recorded for admission events), by organisation, for the three year reporting period combined. The number of expected data items is presented alongside the number of these records that were complete and valid at the point of final data lock. The number of data items with unresolved database validation queries are also presented with the proportion of all expected items this represents. The final two columns relate to missing data items: one shows the number of records which have been left blank without explanation, the other shows the number of data items which have been left blank but it has been confirmed that this data is not available or another explanation has been given. Percentages in both of these final columns show the proportion of expected data items these represent.

	Number of expected data	Complete and valid		Unresolved validation queries		Missing			
						Blank		Explanation given	
Organisation	items	n	(%)	n	(%)	n	(%)	n	(%)
A	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
C	**1,505**	**1,505**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
D	**2,396**	**2,396**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
E1	**2,905**	**2,905**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
E2	**2,376**	**2,376**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
F	**3,321**	**3,321**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
H	**1,586**	**1,586**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
I	**2,037**	**2,037**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
K2	**924**	**923**	**(99.9)**	0	(0.0)	1	(0.1)	0	(0.0)
K3	**1,896**	**1,896**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
L	**859**	**859**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
M	**2,001**	**2,001**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
N	**2,391**	**2,391**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
O	**1,714**	**1,714**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
P	**2,754**	**2,754**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Q	**2,214**	**2,214**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
R	**2,682**	**2,682**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
S	**838**	**838**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
T	**1,813**	**1,813**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
U	**940**	**940**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
V	**3,793**	**3,793**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
W	**2,078**	**2,078**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
X1	**1,282**	**1,282**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
X2	**1,155**	**1,155**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Y	**1,529**	**1,529**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Z	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZA	**2,711**	**2,711**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZB	**1,553**	**1,553**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZC	**3,005**	**3,005**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZD	**1,185**	**1,185**	**(100.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZE	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
ZF	**0**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)
Total	**55,443**	**55,442**	**(100.0)**	**0**	**(0.0)**	**1**	**(0.0)**	**0**	**(0.0)**

Notes

1) Some organisations do not collect 30 day follow up, previously any records supplied by these organisations would have been classified as eligible and then granted an exception to allow the omission of this data. From the 2018 Annual Report onwards, we now classify all records at these organisations as ineligible.

2) 30 day follow up status has 3 acceptable values (Alive, Dead or Not Known), previously "Not Known" was considered an exception which would indicate that data wasn't collected, from the 2018 Annual Report onwards, these values are now classified as valid responses.

TABLE DQ11 ADMISSION EVENT DATA SUBMISSION STATUS WITHIN 3 MONTHS OF DISCHARGE BY HEALTH ORGANISATION, 2016 - 2018

Table DQ11 shows admission data submission status within three months of discharge by organisation, for each year of the reporting period. This table presents the number of complete records submitted to PICANet within three months of patient discharge to show compliance with PICS Standard L3-702: 'The service should collect and submit Paediatric Intensive Care Audit Network (PICANet) data for submission to PICANet as soon as possible and no later than three months after discharge from the PCC Unit'.

An admission record was defined as complete when all validation checks had been fulfilled (with the exception of any validations relating to 30 day follow up data). A record was defined as complete within three months if the record was classed as complete within three months of the patient's discharge date.

Rows in this table show the number of discharged admission events for each organisation in each year, alongside the number of proportion of these which: were complete and incomplete at the point of final data lock for this Annual Report. Additionally, the number and proportion of complete records which were completed within three months of discharge is also shown.

Organisation	Discharged	Complete		Complete In 3 Months		Incomplete	
		n	(%)	n	(%)	n	(%)
2016							
A	659	659	(100.0)	451	(68.4)	0	(0.0)
C	534	534	(100.0)	529	(99.1)	0	(0.0)
D	753	753	(100.0)	743	(98.7)	0	(0.0)
E1	1,010	1,010	(100.0)	998	(98.8)	0	(0.0)
E2	867	867	(100.0)	859	(99.1)	0	(0.0)
F	1,171	1,171	(100.0)	278	(23.7)	0	(0.0)
H	585	585	(100.0)	522	(89.2)	0	(0.0)
I	753	753	(100.0)	594	(78.9)	0	(0.0)
K2	322	322	(100.0)	283	(87.9)	0	(0.0)
K3	643	643	(100.0)	627	(97.5)	0	(0.0)
L	291	291	(100.0)	260	(89.3)	0	(0.0)
M	682	682	(100.0)	666	(97.7)	0	(0.0)
N	851	851	(100.0)	651	(76.5)	0	(0.0)
O	585	585	(100.0)	489	(83.6)	0	(0.0)
P	961	961	(100.0)	959	(99.8)	0	(0.0)
Q	746	746	(100.0)	738	(98.9)	0	(0.0)
R	903	903	(100.0)	880	(97.5)	0	(0.0)
S	176	176	(100.0)	176	(100.0)	0	(0.0)
T	620	620	(100.0)	602	(97.1)	0	(0.0)
U	337	337	(100.0)	310	(92.0)	0	(0.0)
V	1,427	1,427	(100.0)	1,088	(76.2)	0	(0.0)
W	707	707	(100.0)	514	(72.7)	0	(0.0)
X1	466	466	(100.0)	449	(96.4)	0	(0.0)
X2	404	404	(100.0)	386	(95.5)	0	(0.0)
Y	518	518	(100.0)	516	(99.6)	0	(0.0)
Z	393	393	(100.0)	359	(91.3)	0	(0.0)
ZA	1,010	1,010	(100.0)	995	(98.5)	0	(0.0)
ZB	561	561	(100.0)	201	(35.8)	0	(0.0)
ZC	1,039	1,039	(100.0)	407	(39.2)	0	(0.0)
ZD	380	380	(100.0)	368	(96.8)	0	(0.0)
ZE	269	269	(100.0)	256	(95.2)	0	(0.0)
ZF	99	99	(100.0)	88	(88.9)	0	(0.0)
Total	**20,722**	**20,722**	**(100.0)**	**17,242**	**(83.2)**	**0**	**(0.0)**

Organisation	Discharged	Complete		Complete In 3 Months		Incomplete	
		n	(%)	n	(%)	n	(%)
2017							
A	626	626	(100.0)	619	(98.9)	0	(0.0)
C	504	504	(100.0)	492	(97.6)	0	(0.0)
D	583	583	(100.0)	572	(98.1)	0	(0.0)
E1	972	972	(100.0)	956	(98.4)	0	(0.0)
E2	777	777	(100.0)	763	(98.2)	0	(0.0)
F	1,113	1,113	(100.0)	378	(34.0)	0	(0.0)
H	512	512	(100.0)	333	(65.0)	0	(0.0)
I	714	714	(100.0)	577	(80.8)	0	(0.0)
K2	299	299	(100.0)	134	(44.8)	0	(0.0)
K3	658	658	(100.0)	586	(89.1)	0	(0.0)
L	298	298	(100.0)	265	(88.9)	0	(0.0)
M	684	684	(100.0)	656	(95.9)	0	(0.0)
N	758	758	(100.0)	499	(65.8)	0	(0.0)
O	599	599	(100.0)	489	(81.6)	0	(0.0)
P	1,000	1,000	(100.0)	994	(99.4)	0	(0.0)
Q	759	759	(100.0)	744	(98.0)	0	(0.0)
R	947	947	(100.0)	920	(97.1)	0	(0.0)
S	330	330	(100.0)	330	(100.0)	0	(0.0)
T	645	645	(100.0)	638	(98.9)	0	(0.0)
U	330	330	(100.0)	320	(97.0)	0	(0.0)
V	1,377	1,377	(100.0)	212	(15.4)	0	(0.0)
W	732	732	(100.0)	598	(81.7)	0	(0.0)
X1	401	401	(100.0)	390	(97.3)	0	(0.0)
X2	382	382	(100.0)	368	(96.3)	0	(0.0)
Y	516	516	(100.0)	512	(99.2)	0	(0.0)
Z	416	416	(100.0)	326	(78.4)	0	(0.0)
ZA	902	902	(100.0)	820	(90.9)	0	(0.0)
ZB	524	524	(100.0)	224	(42.7)	0	(0.0)
ZC	1,051	1,051	(100.0)	1,036	(98.6)	0	(0.0)
ZD	442	442	(100.0)	434	(98.2)	0	(0.0)
ZE	452	452	(100.0)	339	(75.0)	0	(0.0)
ZF	70	70	(100.0)	43	(61.4)	0	(0.0)
Total	**20,373**	**20,373**	**(100.0)**	**16,567**	**(81.3)**	**0**	**(0.0)**

Organisation	Discharged	Complete		Complete In 3 Months		Incomplete	
		n	(%)	n	(%)	n	(%)
2018							
A	553	553	(100.0)	549	(99.3)	0	(0.0)
C	511	511	(100.0)	501	(98.0)	0	(0.0)
D	1,178	1,178	(100.0)	1,172	(99.5)	0	(0.0)
E1	1,096	1,096	(100.0)	1,066	(97.3)	0	(0.0)
E2	804	804	(100.0)	789	(98.1)	0	(0.0)
F	1,125	1,125	(100.0)	30	(2.7)	0	(0.0)
H	559	559	(100.0)	528	(94.5)	0	(0.0)
I	674	674	(100.0)	447	(66.3)	0	(0.0)
K2	335	335	(100.0)	308	(91.9)	0	(0.0)
K3	653	653	(100.0)	484	(74.1)	0	(0.0)
L	294	294	(100.0)	224	(76.2)	0	(0.0)
M	691	691	(100.0)	686	(99.3)	0	(0.0)
N	824	824	(100.0)	785	(95.3)	0	(0.0)
O	578	578	(100.0)	431	(74.6)	0	(0.0)
P	972	972	(100.0)	950	(97.7)	0	(0.0)
Q	769	769	(100.0)	731	(95.1)	0	(0.0)
R	901	901	(100.0)	690	(76.6)	0	(0.0)
S	345	345	(100.0)	345	(100.0)	0	(0.0)
T	592	592	(100.0)	528	(89.2)	0	(0.0)
U	331	331	(100.0)	317	(95.8)	0	(0.0)
V	1,237	1,237	(100.0)	620	(50.1)	0	(0.0)
W	734	734	(100.0)	529	(72.1)	0	(0.0)
X1	448	448	(100.0)	441	(98.4)	0	(0.0)
X2	394	394	(100.0)	385	(97.7)	0	(0.0)
Y	520	520	(100.0)	517	(99.4)	0	(0.0)
Z	407	407	(100.0)	386	(94.8)	0	(0.0)
ZA	873	873	(100.0)	863	(98.9)	0	(0.0)
ZC	1,041	1,041	(100.0)	1,008	(96.8)	0	(0.0)
ZD	411	411	(100.0)	399	(97.1)	0	(0.0)
ZE	291	291	(100.0)	213	(73.2)	0	(0.0)
ZF	100	100	(100.0)	97	(97.0)	0	(0.0)
Total	**20,241**	**20,241**	**(100.0)**	**17,019**	**(84.1)**	**0**	**(0.0)**
Grand Total	**61336**	**61336**	**(100.0)**	**50828**	**(82.9)**	**0**	**(0.0)**

Notes

1) ZB are not included in the table above for 2018 as they were unable to submit data between May 2018 and Jan 2019 due to the introduction of GDPR and associated clarifications required. This meant that they were unable to provide data within the required timeframe of 3 months during this period.

2) N.B. percentage of records complete within three months in the Grant Total row differ from Figure 9 of the summary report due to the figure presenting data for all three years combined, excluding data from ZB for all three years whereas in the table above ZB are only excluded for 2018.

TABLE DQ11a ADMISSION EVENT DATA SUBMISSION STATUS WITHIN 3 MONTHS OF DISCHARGE BY COUNTRY OF ADMISSION, 2016 - 2018

Table DQ11 shows admission data submission status within three months of discharge by country of PICU, for the whole reporting period combined. This table presents the number of complete records submitted to PICANet within three months of patient discharge to show compliance with PICS Standard L3-702: 'The service should collect and submit Paediatric Intensive Care Audit Network (PICANet) data for submission to PICANet as soon as possible and no later than three months after discharge from the PCC Unit'.

An admission record was defined as complete when all validation checks had been fulfilled. A record was defined as complete within three months if the record was defined as complete within three months of the patient's discharge date.

This table shows the number of patients discharged during the reporting period, by country of admission. The number of records completed within three months of discharge is then presented alongside the proportion of discharge events this relates to.

	Discharged	Complete within 3 months	
	n	n	%
England (NHS)	49,999	41,006	(82.0)
England (non-NHS)	1,281	1,036	(80.9)
Scotland	4,339	4,223	(97.3)
Northern Ireland*			
Wales	1,549	1,522	(98.3)
Republic of Ireland	4,364	3,652	(83.7)
Total	**60,251**	**50,403**	**(83.7)**

Notes

1) Data are not presented for Northern Ireland as PICUs were unable to submit data between May 2018 and Jan 2019 due to the introduction of GDPR and associated clarifications required. This meant that they were unable to provide data within the required timeframe of 3 months during this period.

TABLE DQ12 REFERRAL EVENT DATA SUBMISSION STATUS WITHIN 3 MONTHS BY HEALTH ORGANISATION, 2016 - 2018

Table DQ12 shows referral data submission status within three months by organisation. This table presents the number of complete records submitted to PICANet within three months to show compliance with PICS Standard T-701: 'Paediatric Intensive Care Audit Network transport dataset for submission to PICANet as soon as possible and no later than three months after the transfer'.

A referral record was defined as complete when all validation checks had been fulfilled. A record was defined as complete within three months if the record was classed as complete within three months of the date of referral.

Rows in this table show the number of referral events for each organisation in each year, alongside the number of proportion of these which: were complete and incomplete at the point of final data lock for this Annual Report. Additionally, the number and proportion of complete records which were completed within three months of referral is also shown.

Organisation	Referred	Complete		Complete in 3 months		Incomplete	
	n	n	(%)	n	(%)	n	(%)
2016							
A	95	95	(100.0)	59	(62.1)	0	(0.0)
H	180	180	(100.0)	28	(15.6)	0	(0.0)
M	157	157	(100.0)	131	(83.4)	0	(0.0)
N	55	55	(100.0)	28	(50.9)	0	(0.0)
Q	5	5	(100.0)	5	(100.0)	0	(0.0)
R	70	70	(100.0)	61	(87.1)	0	(0.0)
T	19	19	(100.0)	17	(89.5)	0	(0.0)
X1	59	59	(100.0)	57	(96.6)	0	(0.0)
X2	52	52	(100.0)	34	(65.4)	0	(0.0)
Y	136	136	(100.0)	134	(98.5)	0	(0.0)
ZB	12	12	(100.0)	12	(100.0)	0	(0.0)
T001	2,286	2,286	(100.0)	1,358	(59.4)	0	(0.0)
T002	545	545	(100.0)	537	(98.5)	0	(0.0)
T003	615	615	(100.0)	590	(95.9)	0	(0.0)
T004	1,016	1,016	(100.0)	118	(11.6)	0	(0.0)
T005	682	682	(100.0)	150	(22.0)	0	(0.0)
T008	457	457	(100.0)	433	(94.7)	0	(0.0)
T010	185	185	(100.0)	172	(93.0)	0	(0.0)
T020	210	210	(100.0)	0	(0.0)	0	(0.0)
T022	115	115	(100.0)	101	(87.8)	0	(0.0)
T024	505	505	(100.0)	471	(93.3)	0	(0.0)
T026	255	255	(100.0)	232	(91.0)	0	(0.0)
Total	**7,711**	**7,711**	**(100.0)**	**4,728**	**(61.3)**	**0**	**(0.0)**

Organisation	Referred	Complete		Complete in 3 months		Incomplete	
	n	n	(%)	n	(%)	n	(%)
2017							
A	100	100	(100.0)	97	(97.0)	0	(0.0)
C	4	4	(100.0)	3	(75.0)	0	(0.0)
H	162	162	(100.0)	113	(69.8)	0	(0.0)
M	106	106	(100.0)	74	(69.8)	0	(0.0)
N	44	44	(100.0)	27	(61.4)	0	(0.0)
Q	1	1	(100.0)	0	(0.0)	0	(0.0)
R	67	67	(100.0)	67	(100.0)	0	(0.0)
S	3	3	(100.0)	0	(0.0)	0	(0.0)
T	7	7	(100.0)	7	(100.0)	0	(0.0)
W	31	31	(100.0)	8	(25.8)	0	(0.0)
X1	37	37	(100.0)	22	(59.5)	0	(0.0)
X2	18	18	(100.0)	3	(16.7)	0	(0.0)
Y	20	20	(100.0)	20	(100.0)	0	(0.0)
Z	1	1	(100.0)	1	(100.0)	0	(0.0)
ZB	17	17	(100.0)	17	(100.0)	0	(0.0)
T001	1876	1,876	(100.0)	1,439	(76.7)	0	(0.0)
T002	517	517	(100.0)	431	(83.4)	0	(0.0)
T003	763	763	(100.0)	749	(98.2)	0	(0.0)
T004	1493	1,493	(100.0)	1	(0.1)	0	(0.0)
T005	686	686	(100.0)	685	(99.9)	0	(0.0)
T008	469	469	(100.0)	461	(98.3)	0	(0.0)
T010	202	202	(100.0)	200	(99.0)	0	(0.0)
T020	330	330	(100.0)	173	(52.4)	0	(0.0)
T022	108	108	(100.0)	107	(99.1)	0	(0.0)
T024	575	575	(100.0)	511	(88.9)	0	(0.0)
T026	283	283	(100.0)	278	(98.2)	0	(0.0)
T027	264	264	(100.0)	96	(36.4)	0	(0.0)
Total	**8,184**	**8,184**	**(100.0)**	**5,590**	**(68.3)**	**0**	**(0.0)**

Organisation	Referred	Complete		Complete in 3 months		Incomplete	
	n	n	(%)	n	(%)	n	(%)
2018							
A	75	75	(100.0)	75	(100.0)	0	(0.0)
C	6	6	(100.0)	6	(100.0)	0	(0.0)
D	35	35	(100.0)	34	(97.1)	0	(0.0)
H	43	43	(100.0)	43	(100.0)	0	(0.0)
K2	27	27	(100.0)	11	(40.7)	0	(0.0)
K3	4	4	(100.0)	0	(0.0)	0	(0.0)
N	39	39	(100.0)	33	(84.6)	0	(0.0)
O	4	4	(100.0)	2	(50.0)	0	(0.0)
Q	1	1	(100.0)	0	(0.0)	0	(0.0)
R	80	80	(100.0)	80	(100.0)	0	(0.0)
S	1	1	(100.0)	1	(100.0)	0	(0.0)
X1	33	33	(100.0)	9	(27.3)	0	(0.0)
Y	13	13	(100.0)	11	(84.6)	0	(0.0)
T001	1996	1,996	(100.0)	1,795	(89.9)	0	(0.0)
T002	552	552	(100.0)	533	(96.6)	0	(0.0)
T003	698	698	(100.0)	696	(99.7)	0	(0.0)
T004	1401	1,401	(100.0)	293	(20.9)	0	(0.0)
T005	746	746	(100.0)	499	(66.9)	0	(0.0)
T008	459	459	(100.0)	449	(97.8)	0	(0.0)
T010	172	172	(100.0)	54	(31.4)	0	(0.0)
T020	302	302	(100.0)	300	(99.3)	0	(0.0)
T022	94	94	(100.0)	89	(94.7)	0	(0.0)
T024	490	490	(100.0)	486	(99.2)	0	(0.0)
T026	359	359	(100.0)	284	(79.1)	0	(0.0)
T027	409	409	(100.0)	346	(84.6)	0	(0.0)
Total	**8,039**	**8,039**	**(100.0)**	**6,129**	**(76.2)**	**0**	**(0.0)**
Grand Total	**23,934**	**23,934**	**(100.0)**	**16,447**	**(68.7)**	**0**	**(0.0)**

Notes

1) ZB are not included in the table above for 2018 as they were unable to submit data between May 2018 and January 2019 due to the introduction of GDPR and associated clarifications required. This meant that they were unable to provide data within the required timeframe of 3 months during this period.

2) In the 2018 Annual Report we reported that Organisation T004 did not submit referral data for 2017, they have now provided 2017 data and so all records are complete but the proportion completing within 3 months is low.

TABLE DQ13 TRANSPORT EVENT DATA SUBMISSION STATUS WITHIN 3 MONTHS BY HEALTH ORGANISATION, 2016 - 2018

Table DQ13 shows transport data submission status within three months by organisation. This table presents the number of complete records submitted to PICANet within three months to show compliance with PICS Standard T-701: 'Paediatric Intensive Care Audit Network transport dataset for submission to PICANet as soon as possible and no later than three months after the transfer'.

A transport record was defined as complete when all validation checks had been fulfilled. A record was defined as complete within three months if the record was classed as complete within three months of the date of transport

Rows in this table show the number of transport events for each organisation in each year, alongside the number of proportion of these which: were complete and incomplete at the point of final data lock for this Annual Report. Additionally, the number and proportion of complete records which were completed within three months of transport is also shown.

Organisation	Transported	Complete		Complete in 3 months		Incomplete	
	n	n	(%)	n	(%)	n	(%)
2016							
A	26	26	(100.0)	17	(65.4)	0	(0.0)
I	4	4	(100.0)	1	(25.0)	0	(0.0)
M	124	124	(100.0)	112	(90.3)	0	(0.0)
N	52	52	(100.0)	28	(53.8)	0	(0.0)
Q	5	5	(100.0)	5	(100.0)	0	(0.0)
R	68	68	(100.0)	39	(57.4)	0	(0.0)
T	5	5	(100.0)	3	(60.0)	0	(0.0)
W	26	26	(100.0)	15	(57.7)	0	(0.0)
X1	55	55	(100.0)	53	(96.4)	0	(0.0)
X2	31	31	(100.0)	22	(71.0)	0	(0.0)
Y	42	42	(100.0)	36	(85.7)	0	(0.0)
T001	1,269	1,269	(100.0)	720	(56.7)	0	(0.0)
T002	464	464	(100.0)	456	(98.3)	0	(0.0)
T003	537	537	(100.0)	515	(95.9)	0	(0.0)
T004	956	956	(100.0)	109	(11.4)	0	(0.0)
T005	565	565	(100.0)	123	(21.8)	0	(0.0)
T008	414	414	(100.0)	406	(98.1)	0	(0.0)
T010	108	108	(100.0)	97	(89.8)	0	(0.0)
T020	201	201	(100.0)	0	(0.0)	0	(0.0)
T022	115	115	(100.0)	100	(87.0)	0	(0.0)
T024	343	343	(100.0)	337	(98.3)	0	(0.0)
T026	237	237	(100.0)	204	(86.1)	0	(0.0)
Total	**5,647**	**5,647**	**(100.0)**	**3,398**	**(60.2)**	**0**	**(0.0)**
2017							
A	41	41	(100.0)	40	(97.6)	0	(0.0)
C	3	3	(100.0)	3	(100.0)	0	(0.0)
D	5	5	(100.0)	0	(0.0)	0	(0.0)
I	8	8	(100.0)	4	(50.0)	0	(0.0)
M	57	57	(100.0)	20	(35.1)	0	(0.0)
N	45	45	(100.0)	26	(57.8)	0	(0.0)
Q	1	1	(100.0)	0	(0.0)	0	(0.0)
R	62	62	(100.0)	62	(100.0)	0	(0.0)
S	3	3	(100.0)	0	(0.0)	0	(0.0)
T	6	6	(100.0)	5	(83.3)	0	(0.0)
V	1	1	(100.0)	0	(0.0)	0	(0.0)
W	32	32	(100.0)	13	(40.6)	0	(0.0)
X1	39	39	(100.0)	23	(59.0)	0	(0.0)
X2	15	15	(100.0)	3	(20.0)	0	(0.0)
Y	12	12	(100.0)	4	(33.3)	0	(0.0)
T001	1,138	1,138	(100.0)	888	(78.0)	0	(0.0)
T002	435	435	(100.0)	365	(83.9)	0	(0.0)
T003	521	521	(100.0)	518	(99.4)	0	(0.0)
T004	859	859	(100.0)	0	(0.0)	0	(0.0)
T005	577	577	(100.0)	566	(98.1)	0	(0.0)
T008	437	437	(100.0)	437	(100.0)	0	(0.0)
T010	153	153	(100.0)	153	(100.0)	0	(0.0)
T020	307	307	(100.0)	252	(82.1)	0	(0.0)
T022	104	104	(100.0)	102	(98.1)	0	(0.0)
T024	348	348	(100.0)	326	(93.7)	0	(0.0)
T026	280	280	(100.0)	274	(97.9)	0	(0.0)
T027	206	206	(100.0)	77	(37.4)	0	(0.0)
Total	**5,695**	**5,695**	**(100.0)**	**4,161**	**(73.1)**	**0**	**(0.0)**

Organisation	Transported	Complete		Complete in 3 months		Incomplete	
	n	n	(%)	n	(%)	n	(%)
2018							
I	2	2	(100.0)	0	(0.0)	0	(0.0)
N	2	2	(100.0)	2	(100.0)	0	(0.0)
Q	1	1	(100.0)	1	(100.0)	0	(0.0)
X1	15	15	(100.0)	5	(33.3)	0	(0.0)
Y	1	1	(100.0)	1	(100.0)	0	(0.0)
T001	1,181	1,181	(100.0)	974	(82.5)	0	(0.0)
T002	419	419	(100.0)	407	(97.1)	0	(0.0)
T003	451	451	(100.0)	446	(98.9)	0	(0.0)
T004	903	903	(100.0)	508	(56.3)	0	(0.0)
T005	547	547	(100.0)	311	(56.9)	0	(0.0)
T008	432	432	(100.0)	422	(97.7)	0	(0.0)
T010	121	121	(100.0)	43	(35.5)	0	(0.0)
T020	275	275	(100.0)	273	(99.3)	0	(0.0)
T022	95	95	(100.0)	90	(94.7)	0	(0.0)
T024	353	353	(100.0)	351	(99.4)	0	(0.0)
T026	358	358	(100.0)	284	(79.3)	0	(0.0)
T027	341	341	(100.0)	290	(85.0)	0	(0.0)
Total	**5,497**	**5,497**	**(100.0)**	**4,408**	**(80.2)**	**0**	**(0.0)**
Grand Total	**16,839**	**16,839**	**(100.0)**	**11,967**	**(71.1)**	**0**	**(0.0)**

Notes

1) T010 were unable to meet submission targets for 2018 due to data governance issues

2) Percentages in the 'Complete in 3 months' column use the number of complete events as the denominator.

3) Percentages in the 'Complete' and 'Incomplete' columns use the total number of events as the denominator.

REFERRAL & TRANSPORT

In 2011 PICANet extended its database to include information on referrals and transport. These data were presented for the first time in the 2014 Annual Report and in this report is presented for the period 2016-2018. Data are presented for all recorded patient journeys undertaken where clinicians agree that PIC transport is required.

PICANet has a remit to monitor the appropriate Standards of the Paediatric Intensive Care Society (PICS) relating to transport:
T601 Service Organisation and Liaison with Other Services Operational Policy: Operational Policy
The Specialist Paediatric Transport Service should have an operation policy covering arrangements for

d. Arrangements for ensuring arrival at the referring unit within three hours of the decision to transfer the child
j. Arrangements for transfer of at least one parent or carer
n. Vehicle breakdown and accidents
o. Incident reporting

A PICANet Referral event is completed for all requests for transport within the PIC transport service and all requests for a PICU admission when clinicians agree that the patient requires specialist PIC transport and/or a paediatric intensive care bed. This includes refusals for organisational reasons. A referral event is also completed where the child will be receiving intensive care during the journey e.g. transportation to a secondary transport service, hospice or home. One referral for PIC transport may result in multiple referrals for a PIC bed if there are difficulties in locating an open and empty bed for the child. Some transport organisations now also act as a regional PIC bed finding service.

A PICANet Transport event is completed by the specialist PIC transport team and/or the PICU based team providing the transport for the retrieval or transfer of the child. Events are also completed for transfers from one PICU to another destination unit when the transport is provided by a specialist PIC transport team. Every referral and transport event, even for the same child, is treated as a separate event. Events are associated with either the organisation conducting the transport or the intended destination PICU where appropriate (this may not be the same organisation that submitted the data to PICANet).

During the period of the transport data presented in this report there has been continuing change in the organisation of PIC transport. Previously many PICU's ran their own transport team but over time independent specialist PIC Centralised Transport Services (PIC CTS) and this is reflected in the grouping of data in the referral and transport tables. Most recently in April 2017 CTS T027 was launched to provide transport services for organisations M & X.

The PIC transport services report referral and transport data for retrievals/transfers to the PICU and other destinations. From January 1st 2015, the centralised PIC transport services are responsible for submitting the referral outcome on behalf of the PICU including data for refusals due to no staffed bed or out of scope care. The individual PICU is required to record a referral event when directly receiving a call from the original admitting hospital requesting a PIC bed, for example to admit a newborn infant transferred by a neonatal transport service from another hospital. Many referrals for a PICU bed are now routed via a PIC CTS. The validation process has shown that the recording of such referral events directly received by some PICUs is incomplete.

The data presented only includes referral and transport events for children where it was agreed that a PIC transport service and/or a PIC bed was required. Referrals for advice/consultation and other referrals where a PIC transport team and/or a PIC bed was not required, or transports that did not require intensive care to be delivered during the transport, are not included in the numbers reported. Data on all referral and transport events recorded on PICANet Web are included.

The referral dataset records grade of referring staff, ventilation status and the outcome of the request for PIC transport and the request for PIC admission.

The transport dataset records mode and outcome of transport, critical incidents on the journey, and times for every stage of the process.

Notes

1) Organisation X: prior to the launch of PIC CTS T027 in March 2017, the PICU Transport team was staffed by X1 & X2 in rotation and is presented in the following tables as a single organisation; excepting Table R2 reporting the number of referrals for PICU admission.
2) Organisation T004 referral data was not presented in the 2018 annual report, but was subsequently submitted and has been retrospectively added to R1 & R2 for 2017
3) Organisations T016 and T017 merged to form T020 in April 2016, therefore are not reported seperately in this report

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TABLE R1 NUMBER OF REFERRALS FOR TRANSPORT BY TRANSPORT ORGANISATION, OUTCOME & YEAR, 2016-2018

Table R1 shows the number and proportion of requests for referral for PIC transport and the subsequent outcome. This is presented by transport team and year. For those not accepted for transport, reasons for the refusal are provided. The denominator for those accepted for transport is all referrals and the denominator for refusals is the number not accepted for transport. The denominator for the unknown column is the total number of referrals.

Year/ Organisation	Referrals	Accepted for		Not Accepted for		Refused - no		Refused - time		Refused - out of		Unknown	
	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016													
T001	**1,523**	**1,297**	**(85.2)**	**226**	**(14.8)**	114	(50.4)	31	(13.7)	81	(35.8)	0	(0.0)
T002	**467**	**459**	**(98.3)**	**8**	**(1.7)**	3	(37.5)	1	(12.5)	4	(50.0)	0	(0.0)
T003	**543**	**540**	**(99.4)**	**3**	**(0.6)**	0	(0.0)	1	(33.3)	2	(66.7)	0	(0.0)
T004	**1,074**	**1,074**	**(100.0)**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T005	**585**	**564**	**(96.4)**	**20**	**(3.4)**	12	(60.0)	5	(25.0)	3	(15.0)	1	(0.2)
T008	**467**	**415**	**(88.9)**	**52**	**(11.1)**	7	(13.5)	20	(38.5)	25	(48.1)	0	(0.0)
T010	**188**	**108**	**(57.4)**	**80**	**(42.6)**	69	(86.3)	7	(8.8)	4	(5.0)	0	(0.0)
T017	**19**	**19**	**(100.0)**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T020	**266**	**258**	**(97.0)**	**8**	**(3.0)**	1	(12.5)	1	(12.5)	6	(75.0)	0	(0.0)
T022	**111**	**108**	**(97.3)**	**3**	**(2.7)**	2	(66.7)	0	(0.0)	1	(33.3)	0	(0.0)
T024	**386**	**354**	**(91.7)**	**30**	**(7.8)**	12	(40.0)	12	(40.0)	6	(20.0)	2	(0.5)
T026	**243**	**240**	**(98.8)**	**3**	**(1.2)**	1	(33.3)	1	(33.3)	1	(33.3)	0	(0.0)
M	**101**	**89**	**(88.1)**	**11**	**(10.9)**	10	(90.9)	1	(9.1)	0	(0.0)	1	(1.0)
Q	**3**	**1**	**(33.3)**	**2**	**(66.7)**	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)
X	**112**	**81**	**(72.3)**	**31**	**(27.7)**	28	(90.3)	1	(3.2)	2	(6.5)	0	(0.0)
Y	**5**	**1**	**(20.0)**	**4**	**(80.0)**	2	(50.0)	0	(0.0)	2	(50.0)	0	(0.0)
PICU transport team	**8**	**8**	**(100.0)**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Neonatal transport team	**28**	**0**	**(0.0)**	**28**	**(100.0)**	10	(35.7)	1	(3.6)	17	(60.7)	0	(0.0)
Total	**6,129**	**5,616**	**(91.6)**	**509**	**(8.3)**	**271**	**(53.2)**	**84**	**(16.5)**	**154**	**(30.3)**	**4**	**(0.1)**

Year/ Organisation	Referrals n	Accepted for n	(%)	Not Accepted for n	(%)	Refused - no n	(%)	Refused - time n	(%)	Refused - out of n	(%)	Unknown n	(%)
2017													
T001	**1,425**	**1,252**	**(87.9)**	**171**	**(12.0)**	91	(53.2)	29	(17.0)	51	(29.8)	2	(0.1)
T002	**433**	**433**	**(100.0)**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T003	**538**	**520**	**(96.7)**	**18**	**(3.3)**	2	(11.1)	10	(55.6)	6	(33.3)	0	(0.0)
T004	**1,087**	**980**	**(90.2)**	**107**	**(9.8)**	9	(8.4)	15	(14.0)	83	(77.6)	0	(0.0)
T005	**586**	**566**	**(96.6)**	**20**	**(3.4)**	11	(55.0)	8	(40.0)	1	(5.0)	0	(0.0)
T008	**491**	**441**	**(89.8)**	**50**	**(10.2)**	4	(8.0)	27	(54.0)	19	(38.0)	0	(0.0)
T010	**217**	**153**	**(70.5)**	**64**	**(29.5)**	50	(78.1)	7	(10.9)	7	(10.9)	0	(0.0)
T020	**325**	**291**	**(89.5)**	**32**	**(9.8)**	0	(0.0)	2	(6.3)	30	(93.8)	2	(0.6)
T022	**106**	**106**	**(100.0)**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T024	**420**	**368**	**(87.6)**	**52**	**(12.4)**	26	(50.0)	20	(38.5)	6	(11.5)	0	(0.0)
T026	**281**	**281**	**(100.0)**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T027	**227**	**211**	**(93.0)**	**16**	**(7.0)**	9	(56.3)	2	(12.5)	5	(31.3)	0	(0.0)
D	**4**	**4**	**(100.0)**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
M	**56**	**51**	**(91.1)**	**5**	**(8.9)**	4	(80.0)	0	(0.0)	1	(20.0)	0	(0.0)
X	**51**	**45**	**(88.2)**	**6**	**(11.8)**	6	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)
Y	**3**	**1**	**(33.3)**	**2**	**(66.7)**	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)
PICU transport team	**11**	**9**	**(81.8)**	**2**	**(18.2)**	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)
Neonatal transport team	**38**	**11**	**(28.9)**	**27**	**(71.1)**	2	(7.4)	1	(3.7)	24	(88.9)	0	(0.0)
Other specialist team	**7**	**7**	**(100.0)**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	**6,306**	**5,730**	**(90.9)**	**572**	**(9.1)**	**214**	**(37.4)**	**125**	**(21.9)**	**233**	**(40.7)**	**4**	**(0.1)**

Year/ Organisation	Referrals n	Accepted for n	Accepted for (%)	Not Accepted for n	Not Accepted for (%)	Refused - no n	Refused - no (%)	Refused - time n	Refused - time (%)	Refused - out of n	Refused - out of (%)	Unknown n	Unknown (%)
2018													
T001	**1,478**	**1,286**	**(87.0)**	**192**	**(13.0)**	78	(40.6)	35	(18.2)	79	(41.1)	0	(0.0)
T002	**427**	**422**	**(98.8)**	**5**	**(1.2)**	3	(60.0)	1	(20.0)	1	(20.0)	0	(0.0)
T003	**479**	**458**	**(95.6)**	**21**	**(4.4)**	4	(19.0)	15	(71.4)	2	(9.5)	0	(0.0)
T004	**989**	**919**	**(92.9)**	**70**	**(7.1)**	4	(5.7)	10	(14.3)	56	(80.0)	0	(0.0)
T005	**566**	**562**	**(99.3)**	**4**	**(0.7)**	2	(50.0)	1	(25.0)	1	(25.0)	0	(0.0)
T008	**474**	**432**	**(91.1)**	**42**	**(8.9)**	5	(11.9)	30	(71.4)	7	(16.7)	0	(0.0)
T010	**174**	**122**	**(70.1)**	**52**	**(29.9)**	37	(71.2)	5	(9.6)	10	(19.2)	0	(0.0)
T020	**284**	**280**	**(98.6)**	**4**	**(1.4)**	1	(25.0)	0	(0.0)	3	(75.0)	0	(0.0)
T022	**94**	**94**	**(100.0)**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T024	**426**	**372**	**(87.3)**	**54**	**(12.7)**	17	(31.5)	32	(59.3)	5	(9.3)	0	(0.0)
T026	**360**	**360**	**(100.0)**	**0**	**(0.0)**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T027	**361**	**340**	**(94.2)**	**21**	**(5.8)**	5	(23.8)	1	(4.8)	15	(71.4)	0	(0.0)
T028	**21**	**14**	**(66.7)**	**7**	**(33.3)**	6	(85.7)	0	(0.0)	1	(14.3)	0	(0.0)
Neonatal transport team	**6**	**0**	**(0.0)**	**6**	**(100.0)**	2	(33.3)	0	(0.0)	4	(66.7)	0	(0.0)
PICU transport team	**8**	**5**	**(62.5)**	**3**	**(37.5)**	1	(33.3)	0	(0.0)	2	(66.7)	0	(0.0)
Total	**6,147**	**5,666**	**(92.2)**	**481**	**(7.8)**	**165**	**(34.3)**	**130**	**(27.0)**	**186**	**(38.7)**	**0**	**(0.0)**
Grand Total	**18,582**	**17,012**	**(91.6)**	**1,562**	**(8.4)**	**650**	**(41.6)**	**339**	**(21.7)**	**573**	**(36.7)**	**8**	**(0.0)**

Notes

1) PICU transport team - groups data for separate organisations where there are less than three events during the specified year
2) One referral for PIC transport (presented in Table R1) may result in more than one referral for a PIC bed (presented in Table R2)
3) All percentages are row percentages; no column percentages are presented.
4) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE R1a NUMBER OF REFERRALS FOR TRANSPORT BY PIC TRANSPORT ORGANISATION & OUTCOME, 2016-2018

Table R1a shows the number and proportion of requests for referral to PIC CTS for specialist transport and the subsequent outcome. This is presented by transport team for all three years.

	Referrals	Accepted for Transport		Not Accepted for Transport	
Organisation	n	n	(%)	n	(%)
T001	4,426	3,835	(86.6)	589	(13.3)
T002	1,327	1,314	(99.0)	13	(1.0)
T003	1,560	1,518	(97.3)	42	(2.7)
T004	3,150	2,973	(94.4)	177	(5.6)
T005	1,737	1,692	(97.4)	44	(2.5)
T008	1,432	1,288	(89.9)	144	(10.1)
T010	579	383	(66.1)	196	(33.9)
T020	875	829	(94.7)	44	(5.0)
T022	311	308	(99.0)	3	(1.0)
T024	1,232	1,094	(88.8)	136	(11.0)
T026	884	881	(99.7)	3	(0.3)
T027*	588	551	(93.7)	37	(6.3)
Total	**18,101**	**16,666**	**(92.1)**	**1,428**	**(7.9)**

Notes

1) *T027 was established in March 2017

2) Total referrals is more than accepted/not accepted for transport. See Table R1 for details of missing data.

TABLE R2 NUMBER OF REFERRALS FOR PICU ADMISSION BY HEALTHCARE ORGANISATION & OUTCOME, 2016-2018

Table R2 shows the number and proportion of referrals for PICU admission and whether the request was accepted or not. This is presented by the intended admitting PICU and year. For those not accepted for admission, the reason for refusal is provided.The denominator for those accepted for PICU admission is all referrals and the denominator for refusals is the number not accepted for admission.

	Referrals	Accepted for PICU admission		Not Accepted for PICU admission		Refused – no staffed bed available		Refused – out of scope of care		Unspecified	
Year/ Organisation	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016											
A	252	198	(78.6)	54	(21.4)	54	(100.0)	0	(0.0)	0	(0.0)
C	174	134	(77.0)	40	(23.0)	38	(95.0)	2	(5.0)	0	(0.0)
D	303	252	(83.2)	50	(16.5)	49	(98.0)	1	(2.0)	0	(0.0)
E1	707	439	(62.1)	267	(37.8)	259	(97.0)	8	(3.0)	0	(0.0)
E2	156	124	(79.5)	32	(20.5)	32	(100.0)	0	(0.0)	0	(0.0)
F	620	557	(89.8)	63	(10.2)	57	(90.5)	6	(9.5)	0	(0.0)
H	363	323	(89.0)	40	(11.0)	40	(100.0)	0	(0.0)	0	(0.0)
I	187	152	(81.3)	35	(18.7)	35	(100.0)	0	(0.0)	0	(0.0)
K2	36	35	(97.2)	1	(2.8)	1	(100.0)	0	(0.0)	0	(0.0)
K3	199	185	(93.0)	14	(7.0)	13	(92.9)	1	(7.1)	0	(0.0)
L	204	198	(97.1)	6	(2.9)	6	(100.0)	0	(0.0)	0	(0.0)
M	180	151	(83.9)	29	(16.1)	24	(82.8)	5	(17.2)	0	(0.0)
N	211	183	(86.7)	28	(13.3)	26	(92.9)	2	(7.1)	0	(0.0)
O	212	184	(86.8)	28	(13.2)	26	(92.9)	2	(7.1)	0	(0.0)
P	227	194	(85.5)	33	(14.5)	33	(100.0)	0	(0.0)	0	(0.0)
Q	186	165	(88.7)	21	(11.3)	21	(100.0)	0	(0.0)	0	(0.0)
R	396	368	(92.9)	28	(7.1)	22	(78.6)	6	(21.4)	0	(0.0)
S	19	19	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T	258	230	(89.1)	28	(10.9)	28	(100.0)	0	(0.0)	0	(0.0)
U	372	229	(61.6)	143	(38.4)	143	(100.0)	0	(0.0)	0	(0.0)
V	333	325	(97.6)	8	(2.4)	8	(100.0)	0	(0.0)	0	(0.0)
W	262	200	(76.3)	62	(23.7)	59	(95.2)	3	(4.8)	0	(0.0)
X1	76	63	(82.9)	13	(17.1)	11	(84.6)	2	(15.4)	0	(0.0)
X2	56	38	(67.9)	18	(32.1)	17	(94.4)	1	(5.6)	0	(0.0)
Y	157	154	(98.1)	3	(1.9)	1	(33.3)	2	(66.7)	0	(0.0)
Z	254	154	(60.6)	100	(39.4)	99	(99.0)	1	(1.0)	0	(0.0)
ZA	106	100	(94.3)	6	(5.7)	6	(100.0)	0	(0.0)	0	(0.0)
ZB	177	177	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
ZC	59	59	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
ZD	42	41	(97.6)	1	(2.4)	1	(100.0)	0	(0.0)	0	(0.0)
ZE	3	3	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
ZF	2	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Other	175	44	(25.1)	128	(73.1)	83	(64.8)	45	(35.2)	0	(0.0)
Total	6,964	5,680	(81.6)	1,279	(18.4)	1,192	(93.2)	87	(6.8)	0	(0.0)
2017											
A	239	191	(79.9)	48	(20.1)	47	(97.9)	1	(2.1)	0	(0.0)
C	188	147	(78.2)	41	(21.8)	41	(100.0)	0	(0.0)	0	(0.0)
D	298	190	(63.8)	108	(36.2)	107	(99.1)	1	(0.9)	0	(0.0)
E1	658	452	(68.7)	206	(31.3)	204	(99.0)	2	(1.0)	0	(0.0)
E2	154	107	(69.5)	47	(30.5)	47	(100.0)	0	(0.0)	0	(0.0)
F	659	475	(72.1)	184	(27.9)	177	(96.2)	7	(3.8)	0	(0.0)
H	406	323	(79.6)	83	(20.4)	80	(96.4)	3	(3.6)	0	(0.0)
I	179	118	(65.9)	61	(34.1)	60	(98.4)	1	(1.6)	0	(0.0)
K2	38	34	(89.5)	4	(10.5)	4	(100.0)	0	(0.0)	0	(0.0)
K3	233	227	(97.4)	6	(2.6)	6	(100.0)	0	(0.0)	0	(0.0)
L	247	238	(96.4)	9	(3.6)	9	(100.0)	0	(0.0)	0	(0.0)
M	221	195	(88.2)	26	(11.8)	20	(76.9)	6	(23.1)	0	(0.0)
N	188	170	(90.4)	18	(9.6)	17	(94.4)	1	(5.6)	0	(0.0)
O	234	187	(79.9)	47	(20.1)	47	(100.0)	0	(0.0)	0	(0.0)
P	285	228	(80.0)	57	(20.0)	57	(100.0)	0	(0.0)	0	(0.0)
Q	173	144	(83.2)	29	(16.8)	29	(100.0)	0	(0.0)	0	(0.0)
R	410	382	(93.2)	28	(6.8)	20	(71.4)	8	(28.6)	0	(0.0)
S	19	17	(89.5)	2	(10.5)	2	(100.0)	0	(0.0)	0	(0.0)
T	370	274	(74.1)	96	(25.9)	95	(99.0)	1	(1.0)	0	(0.0)
U	308	192	(62.3)	116	(37.7)	116	(100.0)	0	(0.0)	0	(0.0)
V	332	312	(94.0)	20	(6.0)	19	(95.0)	1	(5.0)	0	(0.0)
W	315	235	(74.6)	80	(25.4)	79	(98.8)	1	(1.3)	0	(0.0)
X1	78	65	(83.3)	13	(16.7)	13	(100.0)	0	(0.0)	0	(0.0)
X2	100	62	(62.0)	38	(38.0)	37	(97.4)	1	(2.6)	0	(0.0)
Y	111	109	(98.2)	2	(1.8)	0	(0.0)	2	(100.0)	0	(0.0)
Z	191	124	(64.9)	67	(35.1)	67	(100.0)	0	(0.0)	0	(0.0)
ZA	132	123	(93.2)	9	(6.8)	8	(88.9)	1	(11.1)	0	(0.0)
ZB	174	174	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
ZC	50	50	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
ZD	46	46	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
ZE	1	1	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Other	178	62	(34.8)	107	(60.1)	73	(68.2)	34	(31.8)	0	(0.0)
Total	7,215	5,654	(78.4)	1,552	(21.5)	1,481	(95.4)	71	(4.6)	0	(0.0)
2018											
A	252	169	(67.1)	83	(32.9)	81	(97.6)	2	(2.4)	0	(0.0)
C	170	142	(83.5)	28	(16.5)	28	(100.0)	0	(0.0)	0	(0.0)
D	335	238	(71.0)	97	(29.0)	97	(100.0)	0	(0.0)	0	(0.0)
E1	344	131	(38.1)	213	(61.9)	212	(99.5)	1	(0.5)	0	(0.0)
E2	161	102	(63.4)	59	(36.6)	57	(96.6)	2	(3.4)	0	(0.0)
F	623	479	(76.9)	144	(23.1)	135	(93.8)	9	(6.3)	0	(0.0)
H	274	215	(78.5)	59	(21.5)	56	(94.9)	3	(5.1)	0	(0.0)
I	193	107	(55.4)	86	(44.6)	84	(97.7)	2	(2.3)	0	(0.0)
K2	75	73	(97.3)	2	(2.7)	2	(100.0)	0	(0.0)	0	(0.0)
K3	239	236	(98.7)	3	(1.3)	3	(100.0)	0	(0.0)	0	(0.0)
L	224	192	(85.7)	32	(14.3)	32	(100.0)	0	(0.0)	0	(0.0)
M	221	188	(85.1)	33	(14.9)	31	(93.9)	2	(6.1)	0	(0.0)
N	191	180	(94.2)	11	(5.8)	10	(90.9)	1	(9.1)	0	(0.0)
O	213	158	(74.2)	55	(25.8)	53	(96.4)	2	(3.6)	0	(0.0)
P	272	181	(66.5)	91	(33.5)	91	(100.0)	0	(0.0)	0	(0.0)
Q	204	165	(80.9)	39	(19.1)	38	(97.4)	1	(2.6)	0	(0.0)
R	403	394	(97.8)	9	(2.2)	6	(66.7)	3	(33.3)	0	(0.0)
S	15	12	(80.0)	3	(20.0)	3	(100.0)	0	(0.0)	0	(0.0)
T	317	208	(65.6)	109	(34.4)	105	(96.3)	4	(3.7)	0	(0.0)
U	324	208	(64.2)	116	(35.8)	116	(100.0)	0	(0.0)	0	(0.0)
V	375	331	(88.3)	44	(11.7)	44	(100.0)	0	(0.0)	0	(0.0)
W	273	225	(82.4)	48	(17.6)	47	(97.9)	1	(2.1)	0	(0.0)
X1	100	79	(79.0)	21	(21.0)	21	(100.0)	0	(0.0)	0	(0.0)
X2	101	73	(72.3)	28	(27.7)	27	(96.4)	1	(3.6)	0	(0.0)
Y	118	112	(94.9)	6	(5.1)	5	(83.3)	1	(16.7)	0	(0.0)
Z	214	126	(58.9)	88	(41.1)	87	(98.9)	1	(1.1)	0	(0.0)
ZA	141	131	(92.9)	10	(7.1)	10	(100.0)	0	(0.0)	0	(0.0)
ZB	144	143	(99.3)	1	(0.7)	1	(100.0)	0	(0.0)	0	(0.0)
ZC	40	39	(97.5)	1	(2.5)	0	(0.0)	1	(100.0)	0	(0.0)
ZD	51	51	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
ZF	2	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Other	199	157	(78.9)	42	(21.1)	29	(69.0)	13	(31.0)	0	(0.0)
Total	6,808	5,247	(77.1)	1,561	(22.9)	1,511	(96.8)	50	(3.2)	0	(0.0)
Grand Total	20,987	16,581	(79.0)	4,392	(20.9)	4,184	(95.3)	208	(4.7)	0	(0.0)

Notes

1) Organisations X1 & X2 - the number of referrals for a PIC bed to each PICU are reported

TABLE T1 NUMBER OF TRANSPORTS BY TRANSPORT ORGANISATION & OUTCOME, 2016-2018

Table T1 shows the number and proportion of requests for PIC transport and the subsequent outcome. This is presented by transport team and year. For those not transported, reasons for this are provided. The denominator for those transported is the total of transports and the denominator for patients not transported is provided.

	Total		Patient Transported		Patient Not Transported		Not transported condition improved		Not transported condition deteriorated		Not transported other reason		Patient died before transport team arrived		Patient died while transport team present		Patient died during transit	
Year / Organisation	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**
2016																		
T001	1,269	(22.6)	1,240	(97.7)	29	(2.3)	12	(41.4)	2	(6.9)	4	(13.8)	3	(10.3)	8	(27.6)	0	(0.0)
T002	464	(8.3)	459	(98.9)	5	(1.1)	2	(40.0)	0	(0.0)	1	(20.0)	1	(20.0)	1	(20.0)	0	(0.0)
T003	535	(9.5)	506	(94.6)	29	(5.4)	10	(34.5)	0	(0.0)	1	(3.4)	0	(0.0)	18	(62.1)	0	(0.0)
T004	956	(17.0)	937	(98.0)	19	(2.0)	15	(78.9)	0	(0.0)	0	(0.0)	0	(0.0)	4	(21.1)	0	(0.0)
T005	566	(10.1)	536	(94.7)	30	(5.3)	10	(33.3)	2	(6.7)	3	(10.0)	1	(3.3)	14	(46.7)	0	(0.0)
T008	411	(7.3)	397	(96.6)	14	(3.4)	5	(35.7)	0	(0.0)	2	(14.3)	0	(0.0)	6	(42.9)	1	(7.1)
T010	108	(1.9)	107	(99.1)	1	(0.9)	1	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T020	201	(3.6)	199	(99.0)	2	(1.0)	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T022	115	(2.0)	108	(93.9)	7	(6.1)	1	(14.3)	0	(0.0)	6	(85.7)	0	(0.0)	0	(0.0)	0	(0.0)
T024	344	(6.1)	328	(95.3)	16	(4.7)	9	(56.3)	1	(6.3)	2	(12.5)	2	(12.5)	2	(12.5)	0	(0.0)
T026	237	(4.2)	231	(97.5)	6	(2.5)	2	(33.3)	1	(16.7)	2	(33.3)	0	(0.0)	1	(16.7)	0	(0.0)
M	103	(1.8)	99	(96.1)	4	(3.9)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	(100.0)	0	(0.0)
X	87	(1.6)	84	(96.6)	3	(3.4)	0	(0.0)	1	(33.3)	0	(0.0)	1	(33.3)	1	(33.3)	0	(0.0)
PICU transport team	2	(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)
Neonatal transport team	73	(1.3)	73	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Non-specialist team	141	(2.5)	140	(99.3)	1	(0.7)	0	(0.0)	0	(0.0)	1	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	5,612		5,446	(97.0)	166	(3.0)	67	(40.4)	9	(5.4)	22	(13.3)	8	(4.8)	59	(35.5)	1	(0.6)
2017																		
T001	1,138	(20.0)	1,099	(96.6)	39	(3.4)	14	(35.9)	9	(23.1)	7	(17.9)	3	(7.7)	6	(15.4)	0	(0.0)
T002	435	(7.6)	413	(94.9)	22	(5.1)	15	(68.2)	0	(0.0)	0	(0.0)	4	(18.2)	3	(13.6)	0	(0.0)
T003	519	(9.1)	490	(94.4)	29	(5.6)	17	(58.6)	1	(3.4)	2	(6.9)	3	(10.3)	6	(20.7)	0	(0.0)
T004	857	(15.0)	841	(98.1)	16	(1.9)	9	(56.3)	3	(18.8)	0	(0.0)	1	(6.3)	2	(12.5)	1	(6.3)
T005	577	(10.1)	542	(93.9)	35	(6.1)	18	(51.4)	5	(14.3)	7	(20.0)	0	(0.0)	5	(14.3)	0	(0.0)
T008	434	(7.6)	426	(98.2)	8	(1.8)	2	(25.0)	3	(37.5)	0	(0.0)	0	(0.0)	3	(37.5)	0	(0.0)
T010	153	(2.7)	150	(98.0)	3	(2.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(66.7)	1	(33.3)	0	(0.0)
T020	307	(5.4)	302	(98.4)	5	(1.6)	1	(20.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	(80.0)	0	(0.0)
T022	105	(1.8)	99	(94.3)	6	(5.7)	4	(66.7)	0	(0.0)	2	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)
T024	348	(6.1)	332	(95.4)	16	(4.6)	5	(31.3)	1	(6.3)	4	(25.0)	2	(12.5)	4	(25.0)	0	(0.0)
T026	280	(4.9)	277	(98.9)	3	(1.1)	1	(33.3)	0	(0.0)	0	(0.0)	0	(0.0)	2	(66.7)	0	(0.0)
T027	205	(3.6)	199	(97.1)	6	(2.9)	2	(33.3)	1	(16.7)	2	(33.3)	1	(16.7)	0	(0.0)	0	(0.0)
M	57	(1.0)	57	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
X	54	(0.9)	54	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
PICU transport team	2	(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)
Neonatal transport team	98	(1.7)	98	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Other specialist team	3	(0.1)	3	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Non-specialist team	123	(2.2)	123	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	5,695		5,507	(96.7)	188	(3.3)	88	(46.8)	23	(12.2)	24	(12.8)	16	(8.5)	36	(19.1)	1	(0.5)
2018																		
T001	1,182	(21.5)	1,148	(97.1)	34	(2.9)	9	(26.5)	3	(8.8)	5	(14.7)	6	(17.6)	11	(32.4)	0	(0.0)
T002	419	(7.6)	408	(97.4)	11	(2.6)	4	(36.4)	1	(9.1)	2	(18.2)	0	(0.0)	4	(36.4)	0	(0.0)
T003	452	(8.2)	423	(93.6)	29	(6.4)	10	(34.5)	1	(3.4)	3	(10.3)	5	(17.2)	10	(34.5)	0	(0.0)
T004	902	(16.4)	885	(98.1)	17	(1.9)	9	(52.9)	0	(0.0)	1	(5.9)	2	(11.8)	5	(29.4)	0	(0.0)
T005	546	(9.9)	513	(94.0)	33	(6.0)	19	(57.6)	3	(9.1)	5	(15.2)	0	(0.0)	6	(18.2)	0	(0.0)
T008	432	(7.9)	426	(98.6)	6	(1.4)	3	(50.0)	0	(0.0)	1	(16.7)	1	(16.7)	1	(16.7)	0	(0.0)
T010	121	(2.2)	121	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T020	275	(5.0)	271	(98.5)	4	(1.5)	1	(25.0)	1	(25.0)	1	(25.0)	0	(0.0)	1	(25.0)	0	(0.0)
T022	95	(1.7)	91	(95.8)	4	(4.2)	0	(0.0)	0	(0.0)	2	(50.0)	1	(25.0)	1	(25.0)	0	(0.0)
T024	353	(6.4)	335	(94.9)	18	(5.1)	5	(27.8)	1	(5.6)	5	(27.8)	5	(27.8)	2	(11.1)	0	(0.0)
T026	358	(6.5)	354	(98.9)	4	(1.1)	1	(25.0)	0	(0.0)	0	(0.0)	1	(25.0)	2	(50.0)	0	(0.0)
T027	341	(6.2)	326	(95.6)	15	(4.4)	2	(13.3)	2	(13.3)	8	(53.3)	1	(6.7)	2	(13.3)	0	(0.0)
T028	14	(0.3)	13	(92.9)	1	(7.1)	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)	0	(0.0)	0	(0.0)
PICU transport team	2	(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)
Total	5,492		5,316	(96.8)	176	(3.2)	63	(35.8)	12	(6.8)	33	(18.8)	23	(13.1)	45	(25.6)	0	(0.0)
Grand Total	16,799		16,269	(96.8)	530	(3.2)	218	(41.1)	44	(8.3)	79	(14.9)	47	(8.9)	140	(8.9)	2	(8.9)

Notes

1) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE T1a NUMBER OF TRANSPORTS, NON-ELECTIVE AND ELECTIVE, BY DESTINATION & TRANSPORT ORGANISATION, 2016-2018

Table T1a shows the number and proportion of requests for PIC transport by non-elective/elective status. This is presented by transport team and year. For non-elective transports, this is provided by intended destination. The denominator for all proportions is the total. From 2018, the variable planned/unplanned was collected.

	Total	Patient Transported		Patient Not Transported		Non-Elective to PICU		Non-Elective to DGH		Non-Elective to other destination		Elective		Unknown		Planned		Unplanned	
Year / Organisation	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																			
T001	1,269	1,240	(97.7)	29	(2.3)	1,117	(88.0)	79	(6.2)	29	(2.3)	44	(3.5)	0	(0.0)				
T002	464	459	(98.9)	5	(1.1)	303	(65.3)	119	(25.6)	10	(2.2)	32	(6.9)	0	(0.0)				
T003	535	506	(94.6)	29	(5.4)	430	(80.4)	63	(11.8)	29	(5.4)	13	(2.4)	0	(0.0)				
T004	956	937	(98.0)	19	(2.0)	776	(81.2)	66	(6.9)	19	(2.0)	95	(9.9)	0	(0.0)				
T005	566	536	(94.7)	30	(5.3)	393	(69.4)	110	(19.4)	35	(6.2)	28	(4.9)	0	(0.0)				
T008	411	397	(96.6)	14	(3.4)	360	(87.6)	12	(2.9)	12	(2.9)	21	(5.1)	6	(1.5)				
T010	108	107	(99.1)	1	(0.9)	95	(88.0)	12	(11.1)	1	(0.9)	0	(0.0)	0	(0.0)				
T020	201	199	(99.0)	2	(1.0)	170	(84.6)	22	(10.9)	2	(1.0)	7	(3.5)	0	(0.0)				
T022	115	108	(93.9)	7	(6.1)	90	(78.3)	9	(7.8)	7	(6.1)	9	(7.8)	0	(0.0)				
T024	344	328	(95.3)	16	(4.7)	320	(93.0)	4	(1.2)	17	(4.9)	3	(0.9)	0	(0.0)				
T026	237	231	(97.5)	6	(2.5)	199	(84.0)	14	(5.9)	7	(3.0)	17	(7.2)	0	(0.0)				
M	103	99	(96.1)	4	(3.9)	97	(94.2)	2	(1.9)	4	(3.9)	0	(0.0)	0	(0.0)				
X	87	84	(96.6)	3	(3.4)	80	(92.0)	3	(3.4)	3	(3.4)	1	(1.1)	0	(0.0)				
PICU transport team	2	2	(100.0)	0	(0.0)	0	(0.0)	1	(50.0)	0	(0.0)	1	(50.0)	0	(0.0)				
Neonatal transport team	73	73	(100.0)	0	(0.0)	65	(89.0)	0	(0.0)	0	(0.0)	6	(8.2)	2	(2.7)				
Non-specialist team	141	140	(99.3)	1	(0.7)	121	(85.8)	8	(5.7)	0	(0.0)	2	(1.4)	10	(7.1)				
Total	5,612	5,446	(97.0)	166	(3.0)	4,616	(82.3)	524	(9.3)	175	(3.1)	279	(5.0)	18	(0.3)				
2017																			
T001	1,138	1,099	(96.6)	39	(3.4)	987	(86.7)	59	(5.2)	37	(3.3)	55	(4.8)	0	(0.0)				
T002	435	413	(94.9)	22	(5.1)	248	(57.0)	91	(20.9)	26	(6.0)	70	(16.1)	0	(0.0)				
T003	519	490	(94.4)	29	(5.6)	417	(80.3)	63	(12.1)	32	(6.2)	7	(1.3)	0	(0.0)				
T004	857	841	(98.1)	16	(1.9)	758	(88.4)	30	(3.5)	20	(2.3)	49	(5.7)	0	(0.0)				
T005	577	542	(93.9)	35	(6.1)	374	(64.8)	125	(21.7)	36	(6.2)	42	(7.3)	0	(0.0)				
T008	434	426	(98.2)	8	(1.8)	378	(87.1)	14	(3.2)	11	(2.5)	27	(6.2)	4	(0.9)				
T010	153	150	(98.0)	3	(2.0)	120	(78.4)	18	(11.8)	5	(3.3)	10	(6.5)	0	(0.0)				
T020	307	302	(98.4)	5	(1.6)	230	(74.9)	64	(20.8)	5	(1.6)	8	(2.6)	0	(0.0)				
T022	105	99	(94.3)	6	(5.7)	82	(78.1)	12	(11.4)	6	(5.7)	5	(4.8)	0	(0.0)				
T024	348	332	(95.4)	16	(4.6)	316	(90.8)	4	(1.1)	17	(4.9)	11	(3.2)	0	(0.0)				
T026	280	277	(98.9)	3	(1.1)	230	(82.1)	30	(10.7)	4	(1.4)	16	(5.7)	0	(0.0)				
T027	205	199	(97.1)	6	(2.9)	130	(63.4)	24	(11.7)	7	(3.4)	44	(21.5)	0	(0.0)				
M	57	57	(100.0)	0	(0.0)	55	(96.5)	1	(1.8)	0	(0.0)	1	(1.8)	0	(0.0)				
X	54	54	(100.0)	0	(0.0)	49	(90.7)	2	(3.7)	0	(0.0)	3	(5.6)	0	(0.0)				
PICU transport team	2	2	(100.0)	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)				
Neonatal transport team	98	98	(100.0)	0	(0.0)	93	(94.9)	1	(1.0)	0	(0.0)	2	(2.0)	2	(2.0)				
Other specialist team	3	3	(100.0)	0	(0.0)	2	(66.7)	0	(0.0)	0	(0.0)	1	(33.3)	0	(0.0)				
Non-specialist team	123	123	(100.0)	0	(0.0)	104	(84.6)	3	(2.4)	0	(0.0)	3	(2.4)	13	(10.6)				
Total	5,695	5,507	(96.7)	188	(3.3)	4,575	(80.3)	541	(9.5)	206	(3.6)	354	(6.2)	19	(0.3)				
2018																			
T001	1,182	1,148	(97.1)	34	(2.9)	1,039	(87.9)	95	(8.0)	33	(2.8)	15	(1.3)	0	(0.0)	15	(1.3)	1,167	(98.7)
T002	419	408	(97.4)	11	(2.6)	255	(60.9)	94	(22.4)	12	(2.9)	58	(13.8)	0	(0.0)	66	(15.8)	353	(84.2)
T003	452	423	(93.6)	29	(6.4)	347	(76.8)	25	(5.5)	29	(6.4)	51	(11.3)	0	(0.0)	51	(11.3)	401	(88.7)
T004	902	885	(98.1)	17	(1.9)	766	(84.9)	50	(5.5)	18	(2.0)	68	(7.5)	0	(0.0)	75	(8.3)	827	(91.7)
T005	546	513	(94.0)	33	(6.0)	340	(62.3)	69	(12.6)	31	(5.7)	106	(19.4)	0	(0.0)	106	(19.4)	439	(80.4)
T008	432	426	(98.6)	6	(1.4)	404	(93.5)	6	(1.4)	4	(0.9)	16	(3.7)	2	(0.5)	16	(3.7)	416	(96.3)
T010	121	121	(100.0)	0	(0.0)	99	(81.8)	13	(10.7)	0	(0.0)	9	(7.4)	0	(0.0)	9	(7.4)	112	(92.6)
T020	275	271	(98.5)	4	(1.5)	209	(76.0)	56	(20.4)	4	(1.5)	6	(2.2)	0	(0.0)	6	(2.2)	269	(97.8)
T022	95	91	(95.8)	4	(4.2)	83	(87.4)	2	(2.1)	4	(4.2)	6	(6.3)	0	(0.0)	7	(7.4)	88	(92.6)
T024	353	335	(94.9)	18	(5.1)	307	(87.0)	3	(0.8)	16	(4.5)	27	(7.6)	0	(0.0)	27	(7.6)	326	(92.4)
T026	358	354	(98.9)	4	(1.1)	234	(65.4)	96	(26.8)	6	(1.7)	22	(6.1)	0	(0.0)	22	(6.1)	335	(93.6)
T027	341	326	(95.6)	15	(4.4)	197	(57.8)	30	(8.8)	8	(2.3)	106	(31.1)	0	(0.0)	107	(31.4)	234	(68.6)
T028	14	13	(92.9)	1	(7.1)	13	(92.9)	0	(0.0)	1	(7.1)	0	(0.0)	0	(0.0)	0	(0.0)	14	(100.0)
PICU transport team	2	2	(100.0)	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(100.0)
Total	5,492	5,316	(96.8)	176	(3.2)	4,295	(78.2)	539	(9.8)	166	(3.0)	490	(8.9)	2	(0.0)	507	(9.2)	4,983	(90.7)
Grand Total	16,799	16,269	(96.8)	530	(3.2)	13,486	(80.3)	1,604	(9.5)	547	(3.3)	1,123	(6.7)	39	(0.2)	507	(3.0)	4,983	(29.7)

Notes

1) DGH - district general hospital

2) All percentages are row percentages; no column percentages are presented.

3) A transport is considered non-elective if it cannot be postponed for more than 6 hours without adverse effect, generally for patients who are clinically unstable and require specialist care.

4) A transport is considered unplanned for patients with a clinical emergency who need specialist care which cannot delivered at the referring unit.

5) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE T2 NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & MOBILISATION TIMES (MINUTES), 2016-2018

Table T2 shows the number and proportion of non-elective transports and the time taken to mobilise. This is presented by transport team and year. The denominator for each mobilisation time group is the total.

The definition of mobilisation time is the time from which PIC specialist clinicians agree that PIC transport is required for a child until the time the team departs base. The Care Quality Commission has a target for the PIC CTS to commence their journey within one hour of acceptance. NHS England Quality Dashboard monitors the percentage of emergency retrievals where the team departs the transport base within 30 minutes.

	TIME TO MOBILISATION IN MINUTES										
	Total	0 - 30		31 - 60		61 - 180		181+		Not Recorded	
	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016											
T001	**1,117**	638	(57.1)	143	(12.8)	220	(19.7)	112	(10.0)	4	(0.4)
T002	**303**	220	(72.6)	22	(7.3)	51	(16.8)	10	(3.3)	0	(0.0)
T003	**430**	231	(53.7)	84	(19.5)	75	(17.4)	32	(7.4)	8	(1.9)
T004	**776**	608	(78.4)	65	(8.4)	87	(11.2)	16	(2.1)	0	(0.0)
T005	**393**	298	(75.8)	27	(6.9)	37	(9.4)	14	(3.6)	17	(4.3)
T008	**360**	122	(33.9)	139	(38.6)	69	(19.2)	16	(4.4)	14	(3.9)
T010	**95**	22	(23.2)	56	(58.9)	14	(14.7)	0	(0.0)	3	(3.2)
T020	**170**	65	(38.2)	38	(22.4)	49	(28.8)	7	(4.1)	11	(6.5)
T022	**90**	6	(6.7)	29	(32.2)	37	(41.1)	2	(2.2)	16	(17.8)
T024	**320**	136	(42.5)	86	(26.9)	47	(14.7)	31	(9.7)	20	(6.3)
T026	**199**	75	(37.7)	64	(32.2)	45	(22.6)	13	(6.5)	2	(1.0)
M	**97**	18	(18.6)	37	(38.1)	24	(24.7)	3	(3.1)	15	(15.5)
X	**80**	3	(3.8)	10	(12.5)	33	(41.3)	11	(13.8)	23	(28.8)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Neonatal transport team	**65**	1	(1.5)	0	(0.0)	0	(0.0)	0	(0.0)	64	(98.5)
Non-specialist team	**121**	0	(0.0)	0	(0.0)	1	(0.8)	0	(0.0)	120	(99.2)
Total	**4,616**	**2,443**	**(52.9)**	**800**	**(17.3)**	**789**	**(17.1)**	**267**	**(5.8)**	**317**	**(6.9)**
2017											
T001	**987**	602	(61.0)	141	(14.3)	157	(15.9)	77	(7.8)	10	(1.0)
T002	**248**	177	(71.4)	32	(12.9)	29	(11.7)	10	(4.0)	0	(0.0)
T003	**417**	276	(66.2)	61	(14.6)	47	(11.3)	24	(5.8)	9	(2.2)
T004	**758**	669	(88.3)	40	(5.3)	39	(5.1)	10	(1.3)	0	(0.0)
T005	**374**	267	(71.4)	37	(9.9)	27	(7.2)	18	(4.8)	25	(6.7)
T008	**378**	233	(61.6)	52	(13.8)	62	(16.4)	25	(6.6)	6	(1.6)
T010	**120**	32	(26.7)	71	(59.2)	14	(11.7)	0	(0.0)	3	(2.5)
T020	**230**	66	(28.7)	70	(30.4)	68	(29.6)	23	(10.0)	3	(1.3)
T022	**82**	6	(7.3)	52	(63.4)	16	(19.5)	1	(1.2)	7	(8.5)
T024	**316**	122	(38.6)	61	(19.3)	88	(27.8)	40	(12.7)	5	(1.6)
T026	**230**	95	(41.3)	69	(30.0)	44	(19.1)	14	(6.1)	8	(3.5)
T027	**130**	24	(18.5)	57	(43.8)	42	(32.3)	5	(3.8)	2	(1.5)
M	**55**	5	(9.1)	18	(32.7)	24	(43.6)	4	(7.3)	4	(7.3)
X	**49**	3	(6.1)	10	(20.4)	16	(32.7)	8	(16.3)	12	(24.5)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(100.0)
Neonatal transport team	**93**	3	(3.2)	2	(2.2)	0	(0.0)	0	(0.0)	88	(94.6)
Other specialist team	**2**	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)
Non-specialist team	**104**	3	(2.9)	0	(0.0)	0	(0.0)	0	(0.0)	101	(97.1)
Total	**4,575**	**2,584**	**(56.5)**	**773**	**(16.9)**	**673**	**(14.7)**	**259**	**(5.7)**	**286**	**(6.3)**
2018											
T001	**1,039**	629	(60.5)	122	(11.7)	193	(18.6)	94	(9.0)	1	(0.1)
T002	**255**	192	(75.3)	30	(11.8)	22	(8.6)	11	(4.3)	0	(0.0)
T003	**347**	241	(69.5)	49	(14.1)	38	(11.0)	18	(5.2)	1	(0.3)
T004	**766**	589	(76.9)	75	(9.8)	86	(11.2)	15	(2.0)	1	(0.1)
T005	**340**	235	(69.1)	35	(10.3)	40	(11.8)	14	(4.1)	16	(4.7)
T008	**404**	240	(59.4)	59	(14.6)	77	(19.1)	25	(6.2)	3	(0.7)
T010	**99**	26	(26.3)	54	(54.5)	18	(18.2)	0	(0.0)	1	(1.0)
T020	**209**	62	(29.7)	74	(35.4)	53	(25.4)	15	(7.2)	5	(2.4)
T022	**83**	4	(4.8)	52	(62.7)	22	(26.5)	0	(0.0)	5	(6.0)
T024	**307**	151	(49.2)	61	(19.9)	57	(18.6)	31	(10.1)	7	(2.3)
T026	**234**	107	(45.7)	74	(31.6)	41	(17.5)	7	(3.0)	5	(2.1)
T027	**197**	11	(5.6)	66	(33.5)	90	(45.7)	19	(9.6)	11	(5.6)
T028	**13**	0	(0.0)	1	(7.7)	3	(23.1)	4	(30.8)	5	(38.5)
PICU transport team	**2**	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	**4,295**	**2,487**	**(57.9)**	**754**	**(17.6)**	**740**	**(17.2)**	**253**	**(5.9)**	**61**	**(1.4)**
Grand Total	**13,486**	**7,514**	**(55.7)**	**2,327**	**(17.3)**	**2,202**	**(16.3)**	**779**	**(5.8)**	**664**	**(4.9)**

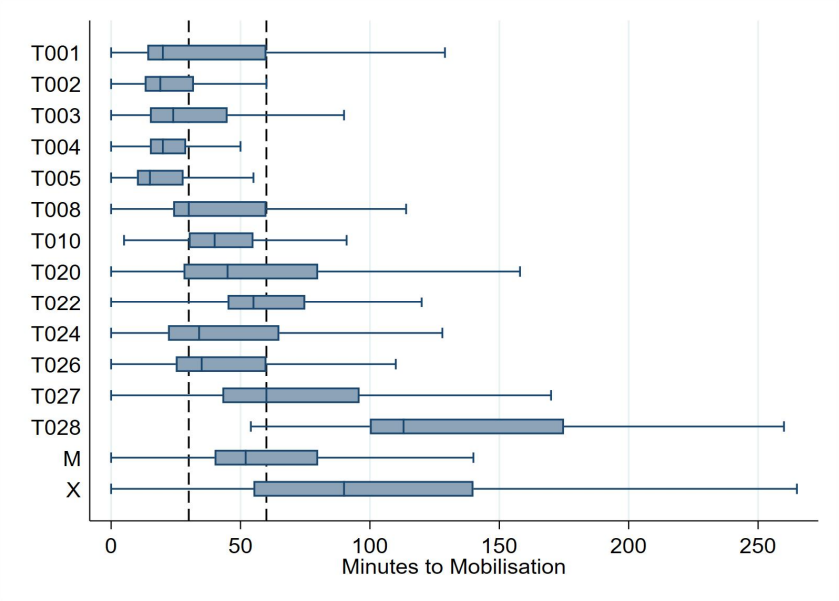
Notes

1) All percentages are row percentages; no column percentages are presented.

2) Further information on the definition of each transport team type can be found on the Data Description tab.

FIGURE T2 NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & MOBILISATION TIME (MINUTES), 2016-2018

Figure T2 shows time to mobilisation in minutes (time from when accepted for transport to departure of transport team from base/previous journey) in the form of a box plot, for the whole reporting period. Vertical dashed lines are shown at 30 minutes (NHS England Quality Dashboard) and 60 minutes (Care Quality Commission).



Notes

1) PICU transport team mobilisation time excluded from the above figure

TABLE T3 NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & TIME TO BEDSIDE (MINUTES), 2016-2018

Table T3 shows the number and proportion of non-elective transports and the time taken to reach the child's bedside in the referring hospital after accepting the child for PIC transport. This is presented by transport team and year. The denominator for each time group is the total. The Quality Standards for the Care of Critically Ill Children (PICS) recommend a target for arrival at the referring unit within three hours of the decision to transfer the child except in remote areas where the team should arrive within four hours.

		TIME TO BEDSIDE IN MINUTES											
	Total	0 - 60		61 - 120		121 - 180		181 - 240		241+		Not Recorded	
Year / Organisation	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016													
T001	**1,117**	326	(29.2)	418	(37.4)	154	(13.8)	90	(8.1)	128	(11.5)	1	(0.1)
T002	**303**	94	(31.0)	147	(48.5)	40	(13.2)	11	(3.6)	11	(3.6)	0	(0.0)
T003	**430**	136	(31.6)	187	(43.5)	46	(10.7)	24	(5.6)	33	(7.7)	4	(0.9)
T004	**776**	248	(32.0)	415	(53.5)	67	(8.6)	29	(3.7)	17	(2.2)	0	(0.0)
T005	**393**	229	(58.3)	113	(28.8)	23	(5.9)	10	(2.5)	13	(3.3)	4	(1.0)
T008	**360**	53	(14.7)	168	(46.7)	86	(23.9)	18	(5.0)	23	(6.4)	12	(3.3)
T010	**95**	23	(24.2)	54	(56.8)	13	(13.7)	2	(2.1)	0	(0.0)	3	(3.2)
T022	**90**	5	(5.6)	19	(21.1)	18	(20.0)	24	(26.7)	8	(8.9)	16	(17.8)
T024	**320**	19	(5.9)	112	(35.0)	93	(29.1)	42	(13.1)	48	(15.0)	6	(1.9)
T026	**199**	41	(20.6)	102	(51.3)	33	(16.6)	7	(3.5)	14	(7.0)	2	(1.0)
M	**97**	12	(12.4)	44	(45.4)	17	(17.5)	5	(5.2)	4	(4.1)	15	(15.5)
X	**80**	3	(3.8)	10	(12.5)	19	(23.8)	10	(12.5)	17	(21.3)	21	(26.3)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Neonatal transport team	**65**	0	(0.0)	1	(1.5)	0	(0.0)	0	(0.0)	0	(0.0)	64	(98.5)
Non-specialist team	**121**	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.8)	0	(0.0)	120	(99.2)
Total	**4,616**	**1,216**	**(26.3)**	**1,857**	**(40.2)**	**652**	**(14.1)**	**289**	**(6.3)**	**330**	**(7.1)**	**271**	**(5.9)**
2017													
T001	**987**	351	(35.6)	378	(38.3)	123	(12.5)	54	(5.5)	81	(8.2)	0	(0.0)
T002	**248**	75	(30.2)	129	(52.0)	25	(10.1)	10	(4.0)	9	(3.6)	0	(0.0)
T003	**417**	167	(40.0)	168	(40.3)	37	(8.9)	11	(2.6)	25	(6.0)	9	(2.2)
T004	**758**	262	(34.6)	409	(54.0)	64	(8.4)	10	(1.3)	12	(1.6)	1	(0.1)
T005	**374**	193	(51.6)	123	(32.9)	28	(7.5)	9	(2.4)	15	(4.0)	6	(1.6)
T008	**378**	79	(20.9)	191	(50.5)	56	(14.8)	21	(5.6)	26	(6.9)	5	(1.3)
T010	**120**	30	(25.0)	65	(54.2)	19	(15.8)	3	(2.5)	0	(0.0)	3	(2.5)
T020	**230**	27	(11.7)	89	(38.7)	56	(24.3)	30	(13.0)	26	(11.3)	2	(0.9)
T022	**82**	2	(2.4)	17	(20.7)	29	(35.4)	24	(29.3)	3	(3.7)	7	(8.5)
T024	**316**	9	(2.8)	106	(33.5)	97	(30.7)	43	(13.6)	57	(18.0)	4	(1.3)
T026	**230**	56	(24.3)	118	(51.3)	27	(11.7)	11	(4.8)	11	(4.8)	7	(3.0)
T027	**130**	16	(12.3)	49	(37.7)	45	(34.6)	13	(10.0)	6	(4.6)	1	(0.8)
M	**55**	6	(10.9)	21	(38.2)	16	(29.1)	4	(7.3)	4	(7.3)	4	(7.3)
X	**49**	3	(6.1)	5	(10.2)	9	(18.4)	8	(16.3)	14	(28.6)	10	(20.4)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(100.0)
Neonatal transport team	**93**	0	(0.0)	4	(4.3)	1	(1.1)	0	(0.0)	0	(0.0)	88	(94.6)
Other specialist team	**2**	0	(0.0)	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)
Non-specialist team	**104**	3	(2.9)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	101	(97.1)
Total	**4,575**	**1,279**	**(28.0)**	**1,873**	**(40.9)**	**632**	**(13.8)**	**251**	**(5.5)**	**289**	**(6.3)**	**251**	**(5.5)**
2018													
T001	**1,039**	373	(35.9)	333	(32.1)	162	(15.6)	78	(7.5)	93	(9.0)	0	(0.0)
T002	**255**	92	(36.1)	119	(46.7)	24	(9.4)	8	(3.1)	12	(4.7)	0	(0.0)
T003	**347**	157	(45.2)	138	(39.8)	21	(6.1)	14	(4.0)	16	(4.6)	1	(0.3)
T004	**766**	251	(32.8)	400	(52.2)	75	(9.8)	19	(2.5)	20	(2.6)	1	(0.1)
T005	**340**	172	(50.6)	112	(32.9)	25	(7.4)	6	(1.8)	17	(5.0)	7	(2.1)
T008	**404**	74	(18.3)	202	(50.0)	61	(15.1)	31	(7.7)	33	(8.2)	3	(0.7)
T010	**99**	21	(21.2)	56	(56.6)	20	(20.2)	1	(1.0)	0	(0.0)	1	(1.0)
T020	**209**	17	(8.1)	95	(45.5)	53	(25.4)	21	(10.0)	21	(10.0)	2	(1.0)
T022	**83**	4	(4.8)	18	(21.7)	25	(30.1)	26	(31.3)	5	(6.0)	5	(6.0)
T024	**307**	12	(3.9)	116	(37.8)	84	(27.4)	45	(14.7)	43	(14.0)	7	(2.3)
T026	**234**	74	(31.6)	112	(47.9)	28	(12.0)	7	(3.0)	8	(3.4)	5	(2.1)
T027	**197**	5	(2.5)	57	(28.9)	69	(35.0)	32	(16.2)	24	(12.2)	10	(5.1)
T028	**13**	0	(0.0)	0	(0.0)	1	(7.7)	2	(15.4)	5	(38.5)	5	(38.5)
PICU transport team	**2**	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	**4,295**	**1,252**	**(29.2)**	**1,760**	**(41.0)**	**648**	**(15.1)**	**290**	**(6.8)**	**297**	**(6.9)**	**47**	**(1.1)**
Grand Total	**13,486**	**3,747**	**(27.8)**	**5,490**	**(40.7)**	**1,932**	**(14.3)**	**830**	**(6.2)**	**916**	**(6.8)**	**569**	**(4.2)**

Notes

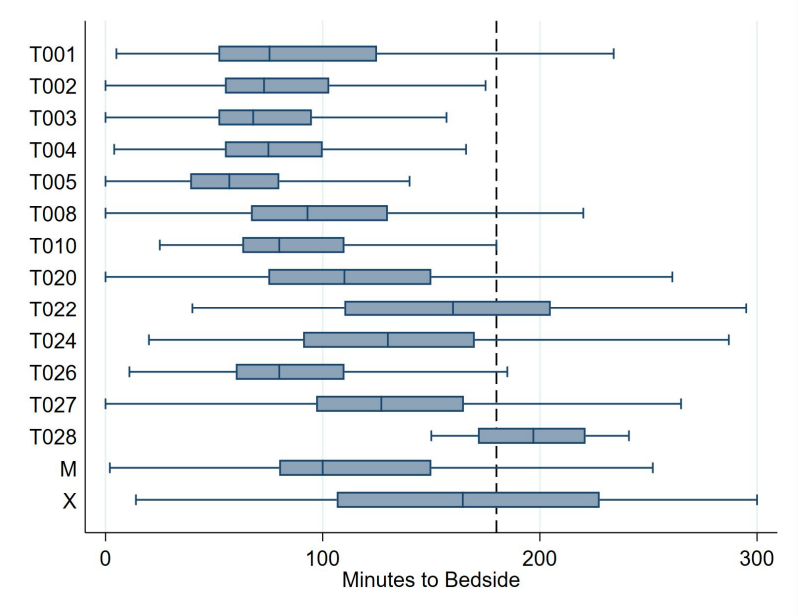
1) (.) = percentage cannot be calculated as the denominator equals 0

2) All percentages are row percentages; no column percentages are presented.

3) Further information on the definition of each transport team type can be found on the Data Description tab.

FIGURE T3 NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & TIME TO BEDSIDE (MINUTES), 2016-2018

Figure T3 shows time to bedside in minutes (time from when the child is accepted for transport to the arrival of transport team at referring unit). The vertical dashed line, shown at 180 minutes denotes the target set by the Quality Standards for the Care of Critically Ill Children (PICS) for arrival at the referring unit within three hours of the decision to transfer the child except in remote areas where the team should arrive within four hours.



Notes

1) PICU transport team time to bedside excluded from above figure

TABLE T4a NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & PATIENT JOURNEY DURATION (MINUTES), 2016-2018

Table T4a shows the number and proportion of non-elective transports and the patient journey time. This is the difference between the time the team departed the referring hospital and the time they arrived at the bedside in the destination unit. This is presented by transport team and year. The denominator for each time group is the total.

	NON-ELECTIVE TRANSPORTS JOURNEY DURATION IN MINUTES									
	Total	0 - 30		31 - 60		61 - 180		181+		Not Recorded	
Year / Organisation	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016											
T001	**1,117**	243	(21.8)	514	(46.0)	357	(32.0)	2	(0.2)	1	(0.1)
T002	**303**	12	(4.0)	140	(46.2)	148	(48.8)	3	(1.0)	0	(0.0)
T003	**430**	107	(24.9)	218	(50.7)	95	(22.1)	4	(0.9)	6	(1.4)
T004	**776**	130	(16.8)	362	(46.6)	283	(36.5)	1	(0.1)	0	(0.0)
T005	**393**	105	(26.7)	157	(39.9)	129	(32.8)	1	(0.3)	1	(0.3)
T008	**360**	46	(12.8)	192	(53.3)	118	(32.8)	1	(0.3)	3	(0.8)
T010	**95**	40	(42.1)	33	(34.7)	22	(23.2)	0	(0.0)	0	(0.0)
T020	**170**	26	(15.3)	64	(37.6)	72	(42.4)	3	(1.8)	5	(2.9)
T022	**90**	31	(34.4)	11	(12.2)	45	(50.0)	3	(3.3)	0	(0.0)
T024	**320**	25	(7.8)	114	(35.6)	155	(48.4)	25	(7.8)	1	(0.3)
T026	**199**	73	(36.7)	89	(44.7)	35	(17.6)	2	(1.0)	0	(0.0)
M	**97**	36	(37.1)	29	(29.9)	29	(29.9)	0	(0.0)	3	(3.1)
X	**80**	8	(10.0)	15	(18.8)	27	(33.8)	3	(3.8)	27	(33.8)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Neonatal transport team	**65**	2	(3.1)	3	(4.6)	2	(3.1)	0	(0.0)	58	(89.2)
Non-specialist team	**121**	0	(0.0)	6	(5.0)	3	(2.5)	1	(0.8)	111	(91.7)
Total	**4,616**	**884**	**(19.2)**	**1,947**	**(42.2)**	**1,520**	**(32.9)**	**49**	**(1.1)**	**216**	**(4.7)**
2017											
T001	**987**	268	(27.2)	409	(41.4)	309	(31.3)	1	(0.1)	0	(0.0)
T002	**248**	10	(4.0)	92	(37.1)	144	(58.1)	1	(0.4)	1	(0.4)
T003	**417**	96	(23.0)	176	(42.2)	135	(32.4)	7	(1.7)	3	(0.7)
T004	**758**	160	(21.1)	343	(45.3)	253	(33.4)	2	(0.3)	0	(0.0)
T005	**374**	79	(21.1)	140	(37.4)	153	(40.9)	2	(0.5)	0	(0.0)
T008	**378**	48	(12.7)	222	(58.7)	107	(28.3)	0	(0.0)	1	(0.3)
T010	**120**	53	(44.2)	36	(30.0)	31	(25.8)	0	(0.0)	0	(0.0)
T020	**230**	27	(11.7)	90	(39.1)	106	(46.1)	7	(3.0)	0	(0.0)
T022	**82**	14	(17.1)	7	(8.5)	59	(72.0)	2	(2.4)	0	(0.0)
T024	**316**	20	(6.3)	98	(31.0)	169	(53.5)	28	(8.9)	1	(0.3)
T026	**230**	77	(33.5)	112	(48.7)	40	(17.4)	1	(0.4)	0	(0.0)
T027	**130**	18	(13.8)	64	(49.2)	46	(35.4)	2	(1.5)	0	(0.0)
M	**55**	17	(30.9)	26	(47.3)	10	(18.2)	1	(1.8)	1	(1.8)
X	**49**	4	(8.2)	10	(20.4)	18	(36.7)	1	(2.0)	16	(32.7)
PICU transport team	**2**	0	(0.0)	0	(0.0)	1	(50.0)	0	(0.0)	1	(50.0)
Neonatal transport team	**93**	0	(0.0)	5	(5.4)	6	(6.5)	1	(1.1)	81	(87.1)
Other specialist team	**2**	0	(0.0)	1	(50.0)	0	(0.0)	0	(0.0)	1	(50.0)
Non-specialist team	**104**	3	(2.9)	9	(8.7)	7	(6.7)	0	(0.0)	85	(81.7)
Total	**4,575**	**894**	**(19.5)**	**1,840**	**(40.2)**	**1,594**	**(34.8)**	**56**	**(1.2)**	**191**	**(4.2)**
2018											
T001	**1,039**	293	(28.2)	459	(44.2)	285	(27.4)	2	(0.2)	0	(0.0)
T002	**255**	12	(4.7)	96	(37.6)	135	(52.9)	12	(4.7)	0	(0.0)
T003	**347**	88	(25.4)	160	(46.1)	96	(27.7)	2	(0.6)	1	(0.3)
T004	**766**	158	(20.6)	355	(46.3)	253	(33.0)	0	(0.0)	0	(0.0)
T005	**340**	83	(24.4)	112	(32.9)	143	(42.1)	1	(0.3)	1	(0.3)
T008	**404**	62	(15.3)	203	(50.2)	135	(33.4)	2	(0.5)	2	(0.5)
T010	**99**	39	(39.4)	36	(36.4)	24	(24.2)	0	(0.0)	0	(0.0)
T020	**209**	24	(11.5)	82	(39.2)	97	(46.4)	4	(1.9)	2	(1.0)
T022	**83**	12	(14.5)	14	(16.9)	51	(61.4)	6	(7.2)	0	(0.0)
T024	**307**	22	(7.2)	104	(33.9)	161	(52.4)	20	(6.5)	0	(0.0)
T026	**234**	105	(44.9)	88	(37.6)	40	(17.1)	1	(0.4)	0	(0.0)
T027	**197**	23	(11.7)	84	(42.6)	86	(43.7)	3	(1.5)	1	(0.5)
T028	**13**	0	(0.0)	1	(7.7)	9	(69.2)	2	(15.4)	1	(7.7)
PICU transport team	**2**	1	(50.0)	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	**4,295**	**922**	**(21.5)**	**1,795**	**(41.8)**	**1,515**	**(35.3)**	**55**	**(1.3)**	**8**	**(0.2)**
Grand Total	**13,486**	**2,700**	**(20.0)**	**5,582**	**(41.4)**	**4,629**	**(34.3)**	**160**	**(1.2)**	**415**	**(3.1)**

Notes

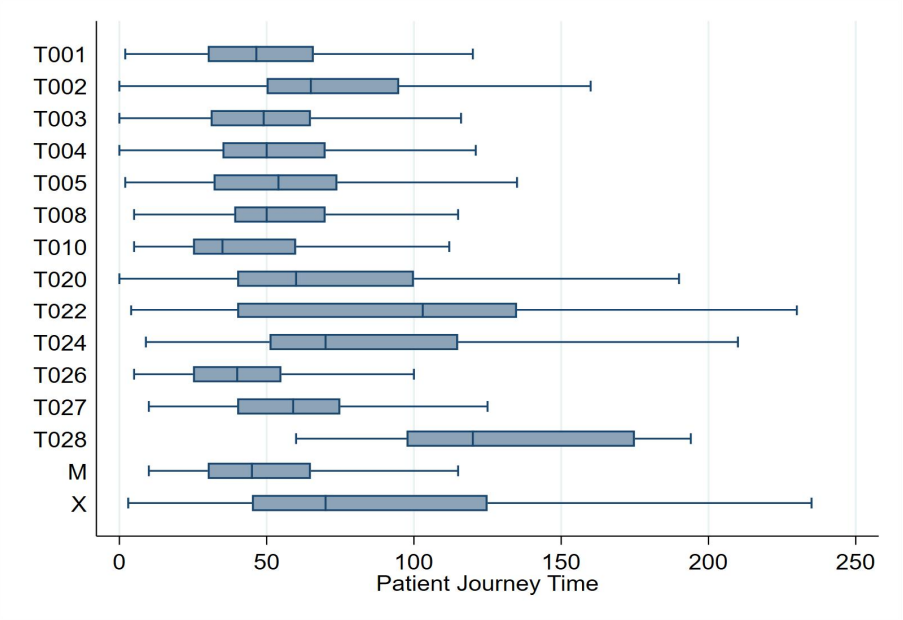
1) (.) = percentage cannot be calculated as the denominator equals 0

2) All percentages are row percentages; no column percentages are presented.

3) Further information on the definition of each transport team type can be found on the Data Description tab.

FIGURE T4a NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & PATIENT JOURNEY DURATION (MINUTES), 2016-2018

Figure T4a shows the patient journey time as a box plot. This is the difference between the time the team departed the referring hospital and the time they arrived at the bedside in the destination unit. This is presented by transport team for all reporting years.



Notes

1) PICU transport team patient journey time excluded from above figure

TABLE T4b ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & PATIENT JOURNEY DURATION (MINUTES), 2016-2018

Table T4b shows the number and proportion of elective transports and the patient journey time. This is the difference between the time the team departed the referring hospital and the time they arrived at the bedside in the destination unit. This is presented by transport team and year. The denominator for each time group is the total.

	ELECTIVE TRANSPORTS JOURNEY DURATION IN MINUTES										
	Total	0-30		31-60		61-180		181+		Not recorded	
Year/Organisation	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016											
T001	**44**	15	(34.1)	11	(25.0)	14	(31.8)	3	(6.8)	1	(2.3)
T002	**32**	8	(25.0)	2	(6.3)	18	(56.3)	4	(12.5)	0	(0.0)
T003	**13**	1	(7.7)	3	(23.1)	9	(69.2)	0	(0.0)	0	(0.0)
T004	**95**	33	(34.7)	41	(43.2)	16	(16.8)	5	(5.3)	0	(0.0)
T005	**28**	17	(60.7)	8	(28.6)	3	(10.7)	0	(0.0)	0	(0.0)
T008	**21**	0	(0.0)	8	(38.1)	11	(52.4)	0	(0.0)	2	(9.5)
T010	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
T020	**7**	0	(0.0)	1	(14.3)	4	(57.1)	2	(28.6)	0	(0.0)
T022	**9**	3	(33.3)	4	(44.4)	1	(11.1)	1	(11.1)	0	(0.0)
T024	**3**	1	(33.3)	0	(0.0)	2	(66.7)	0	(0.0)	0	(0.0)
T026	**17**	10	(58.8)	2	(11.8)	4	(23.5)	1	(5.9)	0	(0.0)
M	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
X	**1**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)
PICU transport team	**1**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)
Neonatal transport team	**6**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	6	(100.0)
Non-specialist team	**2**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(100.0)
Total	**279**	**88**	**(31.5)**	**80**	**(28.7)**	**82**	**(29.4)**	**16**	**(5.7)**	**13**	**(4.7)**
2017											
T001	**55**	18	(32.7)	14	(25.5)	17	(30.9)	4	(7.3)	2	(3.6)
T002	**70**	10	(14.3)	19	(27.1)	33	(47.1)	8	(11.4)	0	(0.0)
T003	**7**	0	(0.0)	3	(42.9)	3	(42.9)	1	(14.3)	0	(0.0)
T004	**49**	20	(40.8)	16	(32.7)	11	(22.4)	2	(4.1)	0	(0.0)
T005	**42**	19	(45.2)	12	(28.6)	8	(19.0)	1	(2.4)	2	(4.8)
T008	**27**	2	(7.4)	9	(33.3)	15	(55.6)	0	(0.0)	1	(3.7)
T010	**10**	5	(50.0)	0	(0.0)	5	(50.0)	0	(0.0)	0	(0.0)
T020	**8**	0	(0.0)	3	(37.5)	5	(62.5)	0	(0.0)	0	(0.0)
T022	**5**	1	(20.0)	1	(20.0)	2	(40.0)	1	(20.0)	0	(0.0)
T024	**11**	2	(18.2)	1	(9.1)	6	(54.5)	2	(18.2)	0	(0.0)
T026	**16**	11	(68.8)	3	(18.8)	2	(12.5)	0	(0.0)	0	(0.0)
T027	**44**	13	(29.5)	13	(29.5)	17	(38.6)	1	(2.3)	0	(0.0)
M	**1**	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)	0	(0.0)
X	**3**	2	(66.7)	0	(0.0)	0	(0.0)	0	(0.0)	1	(33.3)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Neonatal transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(100.0)
Other specialist team	**1**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(100.0)
Non-specialist team	**3**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(100.0)
Total	**354**	**103**	**(29.1)**	**94**	**(26.6)**	**124**	**(35.0)**	**21**	**(5.9)**	**12**	**(3.4)**
2018											
T001	**15**	4	(26.7)	2	(13.3)	2	(13.3)	5	(33.3)	2	(13.3)
T002	**58**	8	(13.8)	8	(13.8)	37	(63.8)	5	(8.6)	0	(0.0)
T003	**51**	2	(3.9)	21	(41.2)	18	(35.3)	10	(19.6)	0	(0.0)
T004	**68**	32	(47.1)	18	(26.5)	16	(23.5)	2	(2.9)	0	(0.0)
T005	**106**	49	(46.2)	23	(21.7)	27	(25.5)	5	(4.7)	2	(1.9)
T008	**16**	1	(6.3)	3	(18.8)	12	(75.0)	0	(0.0)	0	(0.0)
T010	**9**	6	(66.7)	1	(11.1)	2	(22.2)	0	(0.0)	0	(0.0)
T020	**6**	0	(0.0)	1	(16.7)	5	(83.3)	0	(0.0)	0	(0.0)
T022	**6**	0	(0.0)	0	(0.0)	2	(33.3)	4	(66.7)	0	(0.0)
T024	**27**	3	(11.1)	7	(25.9)	11	(40.7)	4	(14.8)	2	(7.4)
T026	**22**	12	(54.5)	5	(22.7)	3	(13.6)	2	(9.1)	0	(0.0)
T027	**106**	28	(26.4)	37	(34.9)	34	(32.1)	1	(0.9)	6	(5.7)
T028	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Total	**490**	145	(29.6)	126	(25.7)	169	(34.5)	38	(7.8)	12	(2.4)
Grand Total	**1,123**	**336**	**(29.9)**	**300**	**(26.7)**	**375**	**(33.4)**	**75**	**(6.7)**	**37**	**(3.3)**

Notes

1) (.) = percentage cannot be calculated as the denominator equals 0

2) All percentages are row percentages; no column percentages are presented.

3) A transport is considered elective if it could be postponed for more than 6 hours, generally for patients who are clinically stable but need to be transferred to an alternative unit or location for continuing care.

4) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE T5a NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & INTERVENTIONS PRIOR TO THE ARRIVAL OF THE TRANSPORT TEAM, 2016-2018

Table T5a shows the number and proportion of non-elective transports and interventions delivered prior to the arrival of the transport team. This is presented by transport team and year. The denominator for each intervention is the total.

		INTERVENTIONS PRIOR TO ARRIVAL OF TRANSPORT TEAM											
	Total	Airway Related		Non invasive		Central Venous Access		Arterial Access		Inotropes		ECMO	
Year / Organisation	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016													
T001	**1,117**	857	(76.7)	87	(7.8)	217	(19.4)	362	(32.4)	212	(19.0)	0	(0.0)
T002	**303**	226	(74.6)	5	(1.7)	41	(13.5)	38	(12.5)	17	(5.6)	0	(0.0)
T003	**430**	282	(65.6)	51	(11.9)	31	(7.2)	50	(11.6)	33	(7.7)	1	(0.2)
T004	**776**	598	(77.1)	6	(0.8)	73	(9.4)	111	(14.3)	95	(12.2)	0	(0.0)
T005	**393**	257	(65.4)	20	(5.1)	32	(8.1)	75	(19.1)	46	(11.7)	0	(0.0)
T008	**360**	282	(78.3)	11	(3.1)	31	(8.6)	114	(31.7)	44	(12.2)	0	(0.0)
T010	**95**	73	(76.8)	1	(1.1)	14	(14.7)	38	(40.0)	9	(9.5)	0	(0.0)
T020	**170**	109	(64.1)	2	(1.2)	20	(11.8)	37	(21.8)	14	(8.2)	0	(0.0)
T022	**90**	54	(60.0)	6	(6.7)	23	(25.6)	30	(33.3)	16	(17.8)	0	(0.0)
T024	**320**	262	(81.9)	8	(2.5)	75	(23.4)	143	(44.7)	53	(16.6)	1	(0.3)
T026	**199**	165	(82.9)	1	(0.5)	25	(12.6)	40	(20.1)	22	(11.1)	0	(0.0)
M	**97**	69	(71.1)	5	(5.2)	16	(16.5)	21	(21.6)	10	(10.3)	0	(0.0)
X	**80**	64	(80.0)	0	(0.0)	35	(43.8)	31	(38.8)	19	(23.8)	3	(3.8)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Total	**4,430**	**3,298**	**(74.4)**	**203**	**(4.6)**	**633**	**(14.3)**	**1,090**	**(24.6)**	**590**	**(13.3)**	**5**	**(0.1)**
2017													
T001	**987**	710	(71.9)	116	(11.8)	219	(22.2)	268	(27.2)	185	(18.7)	1	(0.1)
T002	**248**	185	(74.6)	11	(4.4)	31	(12.5)	41	(16.5)	33	(13.3)	0	(0.0)
T003	**417**	306	(73.4)	74	(17.7)	45	(10.8)	77	(18.5)	59	(14.1)	0	(0.0)
T004	**758**	521	(68.7)	24	(3.2)	58	(7.7)	58	(7.7)	71	(9.4)	0	(0.0)
T005	**374**	254	(67.9)	18	(4.8)	54	(14.4)	92	(24.6)	44	(11.8)	0	(0.0)
T008	**378**	286	(75.7)	10	(2.6)	35	(9.3)	107	(28.3)	53	(14.0)	0	(0.0)
T010	**120**	91	(75.8)	1	(0.8)	24	(20.0)	54	(45.0)	7	(5.8)	0	(0.0)
T020	**230**	170	(73.9)	4	(1.7)	34	(14.8)	72	(31.3)	19	(8.3)	1	(0.4)
T022	**82**	46	(56.1)	8	(9.8)	10	(12.2)	23	(28.0)	14	(17.1)	0	(0.0)
T024	**316**	267	(84.5)	15	(4.7)	74	(23.4)	125	(39.6)	52	(16.5)	0	(0.0)
T026	**230**	186	(80.9)	3	(1.3)	30	(13.0)	39	(17.0)	21	(9.1)	0	(0.0)
T027	**130**	81	(62.3)	11	(8.5)	21	(16.2)	27	(20.8)	12	(9.2)	1	(0.8)
M	**55**	45	(81.8)	1	(1.8)	13	(23.6)	19	(34.5)	6	(10.9)	0	(0.0)
X	**49**	35	(71.4)	1	(2.0)	26	(53.1)	17	(34.7)	10	(20.4)	5	(10.2)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	**4,376**	**3,183**	**(72.7)**	**297**	**(6.8)**	**674**	**(15.4)**	**1,019**	**(23.3)**	**586**	**(13.4)**	**8**	**(0.2)**
2018													
T001	**1,039**	735	(70.7)	111	(10.7)	188	(18.1)	275	(26.5)	153	(14.7)	1	(0.1)
T002	**255**	177	(69.4)	6	(2.4)	46	(18.0)	40	(15.7)	24	(9.4)	0	(0.0)
T003	**347**	299	(86.2)	53	(15.3)	43	(12.4)	68	(19.6)	58	(16.7)	0	(0.0)
T004	**766**	594	(77.5)	9	(1.2)	84	(11.0)	77	(10.1)	67	(8.7)	0	(0.0)
T005	**340**	229	(67.4)	2	(0.6)	47	(13.8)	71	(20.9)	52	(15.3)	0	(0.0)
T008	**404**	312	(77.2)	12	(3.0)	29	(7.2)	105	(26.0)	35	(8.7)	0	(0.0)
T010	**99**	77	(77.8)	2	(2.0)	16	(16.2)	42	(42.4)	4	(4.0)	0	(0.0)
T020	**209**	134	(64.1)	11	(5.3)	26	(12.4)	50	(23.9)	25	(12.0)	0	(0.0)
T022	**83**	39	(47.0)	10	(12.0)	12	(14.5)	20	(24.1)	8	(9.6)	0	(0.0)
T024	**307**	258	(84.0)	13	(4.2)	74	(24.1)	134	(43.6)	41	(13.4)	0	(0.0)
T026	**234**	162	(69.2)	6	(2.6)	25	(10.7)	29	(12.4)	20	(8.5)	0	(0.0)
T027	**197**	143	(72.6)	8	(4.1)	26	(13.2)	53	(26.9)	30	(15.2)	0	(0.0)
T028	**13**	11	(84.6)	0	(0.0)	9	(69.2)	8	(61.5)	8	(61.5)	6	(46.2)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	**4,295**	**3,170**	**(73.8)**	**243**	**(5.7)**	**625**	**(14.6)**	**972**	**(22.6)**	**525**	**(12.2)**	**7**	**(0.2)**
Grand Total	**13,101**	**9,651**	**(73.7)**	**743**	**(5.7)**	**1,932**	**(14.7)**	**3,081**	**(23.5)**	**1,701**	**(13.0)**	**20**	**(0.2)**

Notes

1) (.) = percentage cannot be calculated as the denominator equals 0

2) ECMO = Extracorporeal membrane oxygenation

3) All percentages are row percentages; no column percentages are presented.

4) A child can receive multiple interventions.

5) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE T5b NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & INTERVENTIONS WHILST TRANSPORT TEAM PRESENT, 2016-2018

Table T5b shows the number and proportion of non-elective transports and interventions delivered after the arrival of the transport team. This is presented by transport team and year. The denominator for each intervention is the total.

		INTERVENTION WHILE TRANSPORT TEAM PRESENT											
	Total	Airway Related		Non invasive		Central Venous		Arterial Access		Inotropes		ECMO	
Year / Organisation	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016													
T001	**1,117**	122	(10.9)	50	(4.5)	119	(10.7)	253	(22.6)	332	(29.7)	0	(0.0)
T002	**303**	45	(14.9)	0	(0.0)	27	(8.9)	25	(8.3)	12	(4.0)	0	(0.0)
T003	**430**	56	(13.0)	2	(0.5)	45	(10.5)	58	(13.5)	50	(11.6)	0	(0.0)
T004	**776**	75	(9.7)	3	(0.4)	37	(4.8)	30	(3.9)	45	(5.8)	0	(0.0)
T005	**393**	80	(20.4)	3	(0.8)	50	(12.7)	80	(20.4)	50	(12.7)	1	(0.3)
T008	**360**	40	(11.1)	11	(3.1)	60	(16.7)	73	(20.3)	48	(13.3)	0	(0.0)
T010	**95**	20	(21.1)	2	(2.1)	7	(7.4)	12	(12.6)	5	(5.3)	0	(0.0)
T020	**170**	26	(15.3)	1	(0.6)	6	(3.5)	9	(5.3)	7	(4.1)	0	(0.0)
T022	**90**	17	(18.9)	3	(3.3)	6	(6.7)	9	(10.0)	7	(7.8)	0	(0.0)
T024	**320**	36	(11.3)	2	(0.6)	44	(13.8)	53	(16.6)	51	(15.9)	0	(0.0)
T026	**199**	26	(13.1)	0	(0.0)	19	(9.5)	19	(9.5)	16	(8.0)	0	(0.0)
M	**97**	24	(24.7)	4	(4.1)	5	(5.2)	11	(11.3)	9	(9.3)	0	(0.0)
X	**80**	6	(7.5)	0	(0.0)	13	(16.3)	12	(15.0)	9	(11.3)	21	(26.3)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Total	**4,430**	**573**	**(12.9)**	**81**	**(1.8)**	**438**	**(9.9)**	**644**	**(14.5)**	**641**	**(14.5)**	**22**	**(0.5)**
2017													
T001	**987**	99	(10.0)	78	(7.9)	106	(10.7)	148	(15.0)	256	(25.9)	1	(0.1)
T002	**248**	55	(22.2)	4	(1.6)	38	(15.3)	32	(12.9)	29	(11.7)	1	(0.4)
T003	**417**	60	(14.4)	5	(1.2)	60	(14.4)	53	(12.7)	57	(13.7)	0	(0.0)
T004	**758**	38	(5.0)	2	(0.3)	14	(1.8)	17	(2.2)	31	(4.1)	0	(0.0)
T005	**374**	77	(20.6)	3	(0.8)	46	(12.3)	70	(18.7)	56	(15.0)	0	(0.0)
T008	**378**	48	(12.7)	10	(2.6)	58	(15.3)	83	(22.0)	61	(16.1)	0	(0.0)
T010	**120**	11	(9.2)	1	(0.8)	4	(3.3)	5	(4.2)	4	(3.3)	0	(0.0)
T020	**230**	31	(13.5)	3	(1.3)	6	(2.6)	6	(2.6)	16	(7.0)	0	(0.0)
T022	**82**	12	(14.6)	1	(1.2)	6	(7.3)	4	(4.9)	3	(3.7)	0	(0.0)
T024	**316**	33	(10.4)	7	(2.2)	26	(8.2)	28	(8.9)	47	(14.9)	0	(0.0)
T026	**230**	34	(14.8)	1	(0.4)	11	(4.8)	13	(5.7)	10	(4.3)	1	(0.4)
T027	**130**	16	(12.3)	10	(7.7)	2	(1.5)	9	(6.9)	8	(6.2)	0	(0.0)
M	**55**	10	(18.2)	0	(0.0)	4	(7.3)	7	(12.7)	8	(14.5)	0	(0.0)
X	**49**	1	(2.0)	0	(0.0)	9	(18.4)	7	(14.3)	6	(12.2)	18	(36.7)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	**4,376**	**525**	**(12.0)**	**125**	**(2.9)**	**390**	**(8.9)**	**482**	**(11.0)**	**592**	**(13.5)**	**21**	**(0.5)**
2018													
T001	**1,039**	106	(10.2)	77	(7.4)	59	(5.7)	114	(11.0)	216	(20.8)	0	(0.0)
T002	**255**	48	(18.8)	1	(0.4)	39	(15.3)	37	(14.5)	38	(14.9)	0	(0.0)
T003	**347**	53	(15.3)	8	(2.3)	57	(16.4)	64	(18.4)	79	(22.8)	0	(0.0)
T004	**766**	36	(4.7)	2	(0.3)	16	(2.1)	24	(3.1)	30	(3.9)	0	(0.0)
T005	**340**	58	(17.1)	1	(0.3)	30	(8.8)	47	(13.8)	45	(13.2)	0	(0.0)
T008	**404**	43	(10.6)	0	(0.0)	45	(11.1)	76	(18.8)	40	(9.9)	0	(0.0)
T010	**99**	4	(4.0)	0	(0.0)	2	(2.0)	2	(2.0)	3	(3.0)	0	(0.0)
T020	**209**	42	(20.1)	1	(0.5)	17	(8.1)	12	(5.7)	16	(7.7)	0	(0.0)
T022	**83**	13	(15.7)	9	(10.8)	10	(12.0)	7	(8.4)	6	(7.2)	0	(0.0)
T024	**307**	18	(5.9)	5	(1.6)	31	(10.1)	41	(13.4)	48	(15.6)	0	(0.0)
T026	**234**	42	(17.9)	3	(1.3)	11	(4.7)	11	(4.7)	8	(3.4)	1	(0.4)
T027	**197**	20	(10.2)	9	(4.6)	17	(8.6)	15	(7.6)	29	(14.7)	0	(0.0)
T028	**13**	0	(0.0)	0	(0.0)	2	(15.4)	2	(15.4)	8	(61.5)	3	(23.1)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)	0	(0.0)	0	(0.0)
Total	**4,295**	**483**	**(11.2)**	**116**	**(2.7)**	**336**	**(7.8)**	**453**	**(10.5)**	**566**	**(13.2)**	**4**	**(0.1)**
Grand Total	**13,101**	**1,581**	**(12.1)**	**322**	**(2.5)**	**1,164**	**(8.9)**	**1,579**	**(12.1)**	**1,799**	**(13.7)**	**47**	**(0.4)**

Notes

1) (.) = percentage cannot be calculated as the denominator equals 0

2) ECMO = Extracorporeal membrane oxygenation

3) All percentages are row percentages; no column percentages are presented.

4) A child can receive multiple interventions.

5) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE T6 NON-ELECTIVE TRANSPORTS TO PICU BY TRANSPORT ORGANISATION & PIM3 GROUP, 2016-2018

Table T6 shows the number and proportion of non-elective transports by PIM3 group. This is presented by transport team and year. The denominator for each PIM3 group is the total. PIM3 data is only collected by PIC transport teams.

The last three columns of this table show the number and proportion of non-elective transport events where measurements were recorded for: (i) blood gas; (ii) systolic blood pressure; and (iii) both these measures.

Year/ Organisation	Total	PIM3 <1%		PIM3 1-5%		PIM3 5-15%		PIM3 15-30%		PIM3 30%+		Blood Gas measured		Systolic BP recorded		Blood gas and SBP recorded	
	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016																	
T001	1,117	6	(0.5)	666	(59.6)	402	(36.0)	27	(2.4)	16	(1.4)	737	(66.0)	1,114	(99.7)	737	(66.0)
T002	303	109	(36.0)	116	(38.3)	57	(18.8)	13	(4.3)	8	(2.6)	262	(86.5)	285	(94.1)	252	(83.2)
T003	430	98	(22.8)	166	(38.6)	136	(31.6)	19	(4.4)	11	(2.6)	385	(89.5)	398	(92.6)	365	(84.9)
T004	776	291	(37.5)	321	(41.4)	120	(15.5)	24	(3.1)	20	(2.6)	259	(33.4)	776	(100.0)	259	(33.4)
T005	393	99	(25.2)	143	(36.4)	107	(27.2)	31	(7.9)	13	(3.3)	299	(76.1)	371	(94.4)	297	(75.6)
T008	360	126	(35.0)	103	(28.6)	104	(28.9)	16	(4.4)	11	(3.1)	314	(87.2)	343	(95.3)	310	(86.1)
T010	95	35	(36.8)	25	(26.3)	27	(28.4)	5	(5.3)	3	(3.2)	57	(60.0)	92	(96.8)	57	(60.0)
T020	170	67	(39.4)	73	(42.9)	24	(14.1)	4	(2.4)	2	(1.2)	78	(45.9)	161	(94.7)	75	(44.1)
T022	90	34	(37.8)	32	(35.6)	18	(20.0)	6	(6.7)	0	(0.0)	52	(57.8)	86	(95.6)	48	(53.3)
T024	320	103	(32.2)	115	(35.9)	84	(26.3)	13	(4.1)	5	(1.6)	267	(83.4)	308	(96.3)	260	(81.3)
T026	199	72	(36.2)	70	(35.2)	45	(22.6)	5	(2.5)	7	(3.5)	97	(48.7)	193	(97.0)	97	(48.7)
M	97	35	(36.1)	31	(32.0)	24	(24.7)	4	(4.1)	3	(3.1)	83	(85.6)	92	(94.8)	82	(84.5)
X	80	11	(13.8)	25	(31.3)	25	(31.3)	11	(13.8)	8	(10.0)	61	(76.3)	68	(85.0)	59	(73.8)
PICU transport team	0	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Total	4,430	**1,086**	**(24.5)**	**1,886**	**(42.6)**	**1,173**	**(26.5)**	**178**	**(4.0)**	**107**	**(2.4)**	**2,951**	**(66.6)**	**4,287**	**(96.8)**	**2,898**	**(65.4)**
2017																	
T001	987	17	(1.7)	590	(59.8)	331	(33.5)	27	(2.7)	22	(2.2)	638	(64.6)	985	(99.8)	638	(64.6)
T002	248	67	(27.0)	85	(34.3)	69	(27.8)	12	(4.8)	15	(6.0)	234	(94.4)	241	(97.2)	230	(92.7)
T003	417	109	(26.1)	145	(34.8)	115	(27.6)	28	(6.7)	20	(4.8)	384	(92.1)	400	(95.9)	375	(89.9)
T004	758	282	(37.2)	335	(44.2)	104	(13.7)	26	(3.4)	11	(1.5)	235	(31.0)	758	(100.0)	235	(31.0)
T005	374	101	(27.0)	133	(35.6)	104	(27.8)	22	(5.9)	14	(3.7)	295	(78.9)	371	(99.2)	295	(78.9)
T008	378	126	(33.3)	136	(36.0)	82	(21.7)	15	(4.0)	19	(5.0)	316	(83.6)	354	(93.7)	311	(82.3)
T010	120	61	(50.8)	37	(30.8)	14	(11.7)	2	(1.7)	6	(5.0)	56	(46.7)	119	(99.2)	56	(46.7)
T020	230	102	(44.3)	76	(33.0)	42	(18.3)	7	(3.0)	3	(1.3)	155	(67.4)	228	(99.1)	155	(67.4)
T022	82	24	(29.3)	46	(56.1)	9	(11.0)	2	(2.4)	1	(1.2)	24	(29.3)	73	(89.0)	24	(29.3)
T024	316	107	(33.9)	122	(38.6)	73	(23.1)	9	(2.8)	5	(1.6)	197	(62.3)	305	(96.5)	193	(61.1)
T026	230	79	(34.3)	102	(44.3)	38	(16.5)	7	(3.0)	4	(1.7)	94	(40.9)	217	(94.3)	92	(40.0)
T027	130	2	(1.5)	81	(62.3)	42	(32.3)	3	(2.3)	2	(1.5)	112	(86.2)	127	(97.7)	112	(86.2)
M	55	13	(23.6)	19	(34.5)	15	(27.3)	5	(9.1)	3	(5.5)	52	(94.5)	50	(90.9)	49	(89.1)
X	49	3	(6.1)	21	(42.9)	17	(34.7)	5	(10.2)	3	(6.1)	30	(61.2)	36	(73.5)	28	(57.1)
PICU transport team	2	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	4,376	**1,093**	**(25.0)**	**1,930**	**(44.1)**	**1,055**	**(24.1)**	**170**	**(3.9)**	**128**	**(2.9)**	**2,822**	**(64.5)**	**4,264**	**(97.4)**	**2,793**	**(63.8)**
2018																	
T001	1,039	13	(1.3)	666	(64.1)	328	(31.6)	18	(1.7)	14	(1.3)	633	(60.9)	1,032	(99.3)	630	(60.6)
T002	255	72	(28.2)	86	(33.7)	60	(23.5)	18	(7.1)	19	(7.5)	242	(94.9)	248	(97.3)	238	(93.3)
T003	347	117	(33.7)	99	(28.5)	96	(27.7)	23	(6.6)	12	(3.5)	332	(95.7)	338	(97.4)	329	(94.8)
T004	766	307	(40.1)	303	(39.6)	115	(15.0)	25	(3.3)	16	(2.1)	217	(28.3)	766	(100.0)	217	(28.3)
T005	340	92	(27.1)	117	(34.4)	97	(28.5)	23	(6.8)	11	(3.2)	310	(91.2)	339	(99.7)	310	(91.2)
T008	404	163	(40.3)	137	(33.9)	85	(21.0)	12	(3.0)	7	(1.7)	347	(85.9)	374	(92.6)	340	(84.2)
T010	99	52	(52.5)	34	(34.3)	10	(10.1)	3	(3.0)	0	(0.0)	35	(35.4)	95	(96.0)	35	(35.4)
T020	209	78	(37.3)	91	(43.5)	28	(13.4)	6	(2.9)	6	(2.9)	124	(59.3)	208	(99.5)	124	(59.3)
T022	83	40	(48.2)	32	(38.6)	10	(12.0)	1	(1.2)	0	(0.0)	24	(28.9)	71	(85.5)	22	(26.5)
T024	307	104	(33.9)	122	(39.7)	62	(20.2)	8	(2.6)	11	(3.6)	167	(54.4)	291	(94.8)	165	(53.7)
T026	234	98	(41.9)	104	(44.4)	17	(7.3)	10	(4.3)	5	(2.1)	67	(28.6)	217	(92.7)	67	(28.6)
T027	197	1	(0.5)	122	(61.9)	67	(34.0)	4	(2.0)	3	(1.5)	134	(68.0)	192	(97.5)	132	(67.0)
T028	13	0	(0.0)	5	(38.5)	7	(53.8)	1	(7.7)	0	(0.0)	9	(69.2)	11	(84.6)	9	(69.2)
PICU transport team	2	0	(0.0)	1	(50.0)	1	(50.0)	0	(0.0)	0	(0.0)	1	(50.0)	2	(100.0)	1	(50.0)
Total	4,295	**1,137**	**(26.5)**	**1,919**	**(44.7)**	**983**	**(22.9)**	**152**	**(3.5)**	**104**	**(2.4)**	**2,642**	**(61.5)**	**4,184**	**(97.4)**	**2,619**	**(61.0)**
Grand Total	13,101	**3,316**	**(25.3)**	**5,735**	**(43.8)**	**3,211**	**(24.5)**	**500**	**(3.8)**	**339**	**(2.6)**	**8,415**	**(64.2)**	**12,735**	**(97.2)**	**8,310**	**(63.4)**

Notes

1) (.) = percentage cannot be calculated as the denominator equals 0

2) BP = blood pressure; SBP = Systolic blood pressure

3) All percentages are row percentages; no column percentages are presented.

4) Further information on the definition of each transport team type can be found on the Data Description tab.

5) The categorisation into <1%, 1-<5%, 5%-<15%, 15-<30% and 30% plus expected probability of mortality reflects those used by the Australian and New Zealand Intensive Care Society (ANZPICS)[REF(3)] for comparability.

6) The expected probability of mortality was estimated using the Paediatric Index of Mortality 3 (PIM3)[REF(4).]

TABLE T7a NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & GRADE OF CLINICAL TEAM LEADER OF TRANSPORT TEAM, 2016-2018

Table T7a shows the number and proportion of non-elective transports and the grade of the team leader. This is presented by transport team and year. The denominator for each group is the total.

	Total	Consultant		ST 4-8		ST 1-3		Nurse practitioner		Unknown	
Year / Organisation	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016											
T001	**1,117**	93	(8.3)	910	(81.5)	0	(0.0)	114	(10.2)	0	(0.0)
T002	**303**	122	(40.3)	103	(34.0)	0	(0.0)	77	(25.4)	1	(0.3)
T003	**430**	367	(85.3)	61	(14.2)	1	(0.2)	1	(0.2)	0	(0.0)
T004	**776**	69	(8.9)	406	(52.3)	0	(0.0)	301	(38.8)	0	(0.0)
T005	**393**	85	(21.6)	213	(54.2)	4	(1.0)	89	(22.6)	2	(0.5)
T008	**360**	169	(46.9)	166	(46.1)	18	(5.0)	6	(1.7)	1	(0.3)
T010	**95**	95	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T020	**170**	155	(91.2)	15	(8.8)	0	(0.0)	0	(0.0)	0	(0.0)
T022	**90**	63	(70.0)	27	(30.0)	0	(0.0)	0	(0.0)	0	(0.0)
T024	**320**	223	(69.7)	64	(20.0)	1	(0.3)	30	(9.4)	2	(0.6)
T026	**199**	124	(62.3)	74	(37.2)	0	(0.0)	0	(0.0)	1	(0.5)
M	**97**	28	(28.9)	66	(68.0)	1	(1.0)	0	(0.0)	2	(2.1)
X	**80**	55	(68.8)	20	(25.0)	0	(0.0)	2	(2.5)	3	(3.8)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Neonatal transport team	**65**	1	(1.5)	0	(0.0)	0	(0.0)	0	(0.0)	64	(98.5)
Non-specialist team	**121**	4	(3.3)	6	(5.0)	1	(0.8)	1	(0.8)	109	(90.1)
Total	**4,616**	**1,653**	**(35.8)**	**2,131**	**(46.2)**	**26**	**(0.6)**	**621**	**(13.5)**	**185**	**(4.0)**
2017											
T001	**987**	89	(9.0)	800	(81.1)	1	(0.1)	97	(9.8)	0	(0.0)
T002	**248**	103	(41.5)	65	(26.2)	0	(0.0)	79	(31.9)	1	(0.4)
T003	**417**	369	(88.5)	40	(9.6)	3	(0.7)	5	(1.2)	0	(0.0)
T004	**758**	72	(9.5)	370	(48.8)	3	(0.4)	313	(41.3)	0	(0.0)
T005	**374**	80	(21.4)	198	(52.9)	4	(1.1)	91	(24.3)	1	(0.3)
T008	**378**	188	(49.7)	165	(43.7)	6	(1.6)	18	(4.8)	1	(0.3)
T010	**120**	120	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T020	**230**	214	(93.0)	10	(4.3)	0	(0.0)	6	(2.6)	0	(0.0)
T022	**82**	59	(72.0)	21	(25.6)	2	(2.4)	0	(0.0)	0	(0.0)
T024	**316**	186	(58.9)	75	(23.7)	0	(0.0)	54	(17.1)	1	(0.3)
T026	**230**	169	(73.5)	46	(20.0)	1	(0.4)	0	(0.0)	14	(6.1)
T027	**130**	45	(34.6)	1	(0.8)	0	(0.0)	1	(0.8)	83	(63.8)
M	**55**	12	(21.8)	26	(47.3)	0	(0.0)	0	(0.0)	17	(30.9)
X	**49**	32	(65.3)	6	(12.2)	0	(0.0)	3	(6.1)	8	(16.3)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)	1	(50.0)
Neonatal transport team	**93**	7	(7.5)	2	(2.2)	0	(0.0)	5	(5.4)	79	(84.9)
Other specialist team	**2**	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)
Non-specialist team	**104**	17	(16.3)	4	(3.8)	0	(0.0)	0	(0.0)	83	(79.8)
Total	**4,575**	**1,763**	**(38.5)**	**1,829**	**(40.0)**	**20**	**(0.4)**	**673**	**(14.7)**	**290**	**(6.3)**
2018											
T001	**1,039**	88	(8.5)	844	(81.2)	1	(0.1)	106	(10.2)	0	(0.0)
T002	**255**	106	(41.6)	87	(34.1)	1	(0.4)	59	(23.1)	2	(0.8)
T003	**347**	243	(70.0)	69	(19.9)	0	(0.0)	34	(9.8)	1	(0.3)
T004	**766**	86	(11.2)	285	(37.2)	0	(0.0)	394	(51.4)	1	(0.1)
T005	**340**	47	(13.8)	141	(41.5)	8	(2.4)	86	(25.3)	58	(17.1)
T008	**404**	189	(46.8)	185	(45.8)	1	(0.2)	29	(7.2)	0	(0.0)
T010	**99**	99	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
T020	**209**	188	(90.0)	14	(6.7)	0	(0.0)	7	(3.3)	0	(0.0)
T022	**83**	75	(90.4)	6	(7.2)	2	(2.4)	0	(0.0)	0	(0.0)
T024	**307**	171	(55.7)	80	(26.1)	3	(1.0)	53	(17.3)	0	(0.0)
T026	**234**	184	(78.6)	36	(15.4)	0	(0.0)	1	(0.4)	13	(5.6)
T027	**197**	74	(37.6)	0	(0.0)	0	(0.0)	0	(0.0)	123	(62.4)
T028	**13**	13	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
PICU transport team	**2**	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	**4,295**	**1,565**	**(36.4)**	**1,747**	**(40.7)**	**16**	**(0.4)**	**769**	**(17.9)**	**198**	**(4.6)**
Grand Total	**13,486**	**4,981**	**(36.9)**	**5,707**	**(42.3)**	**62**	**(0.5)**	**2,063**	**(15.3)**	**673**	**(5.0)**

Notes

1) (.) = percentage cannot be calculated as the denominator equals 0

2) ST1-3 - Specialty trainee years 1-3. ST4-8 - Specialty trainee years 4-8.

3) All percentages are row percentages; no column percentages are presented.

4) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE T7b NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & GRADE OF MOST SENIOR NURSE ON TRANSPORT TEAM, 2016-2018

Table T7b shows the number and proportion of non-elective transports and the grade of the most senior nurse. This is presented by transport team and year. The denominator for each group is the total.

	Total	Transported	Grade 5		Grade 6		Grade 7		Grade 8		Unknown	
Year / Organisation	n	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016												
T001	**1,269**	**1,240**	2	(0.2)	953	(75.1)	247	(19.5)	54	(4.3)	13	(1.0)
T002	**464**	**459**	0	(0.0)	341	(73.5)	117	(25.2)	6	(1.3)	0	(0.0)
T003	**535**	**506**	2	(0.4)	466	(87.1)	54	(10.1)	4	(0.7)	9	(1.7)
T004	**956**	**937**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	956	(100.0)
T005	**566**	**536**	105	(18.6)	313	(55.3)	21	(3.7)	122	(21.6)	5	(0.9)
T008	**411**	**397**	182	(44.3)	138	(33.6)	86	(20.9)	1	(0.2)	4	(1.0)
T010	**108**	**107**	43	(39.8)	41	(38.0)	24	(22.2)	0	(0.0)	0	(0.0)
T020	**201**	**199**	1	(0.5)	145	(72.1)	55	(27.4)	0	(0.0)	0	(0.0)
T022	**115**	**108**	1	(0.9)	58	(50.4)	48	(41.7)	7	(6.1)	1	(0.9)
T024	**344**	**328**	241	(70.1)	71	(20.6)	20	(5.8)	10	(2.9)	2	(0.6)
T026	**237**	**231**	5	(2.1)	200	(84.4)	22	(9.3)	10	(4.2)	0	(0.0)
M	**103**	**99**	0	(0.0)	61	(59.2)	40	(38.8)	0	(0.0)	2	(1.9)
X	**87**	**84**	3	(3.4)	43	(49.4)	36	(41.4)	2	(2.3)	3	(3.4)
PICU transport team	**2**	**2**	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)	0	(0.0)
Neonatal transport team	**73**	**73**	0	(0.0)	1	(1.4)	0	(0.0)	0	(0.0)	72	(98.6)
Non-specialist team	**141**	**140**	2	(1.4)	3	(2.1)	1	(0.7)	0	(0.0)	135	(95.7)
Total	**5,612**	**5,446**	**587**	**(10.5)**	**2,836**	**(50.5)**	**771**	**(13.7)**	**216**	**(3.8)**	**1,202**	**(21.4)**
2017												
T001	**1,138**	**1,099**	3	(0.3)	865	(76.0)	187	(16.4)	67	(5.9)	16	(1.4)
T002	**435**	**413**	0	(0.0)	279	(64.1)	141	(32.4)	13	(3.0)	2	(0.5)
T003	**519**	**490**	0	(0.0)	424	(81.7)	77	(14.8)	15	(2.9)	3	(0.6)
T004	**857**	**841**	26	(3.0)	300	(35.0)	167	(19.5)	17	(2.0)	347	(40.5)
T005	**577**	**542**	139	(24.1)	291	(50.4)	16	(2.8)	130	(22.5)	1	(0.2)
T008	**434**	**426**	172	(39.6)	188	(43.3)	69	(15.9)	1	(0.2)	4	(0.9)
T010	**153**	**150**	41	(26.8)	91	(59.5)	21	(13.7)	0	(0.0)	0	(0.0)
T020	**307**	**302**	0	(0.0)	263	(85.7)	39	(12.7)	5	(1.6)	0	(0.0)
T022	**105**	**99**	2	(1.9)	70	(66.7)	31	(29.5)	2	(1.9)	0	(0.0)
T024	**348**	**332**	240	(69.0)	76	(21.8)	19	(5.5)	13	(3.7)	0	(0.0)
T026	**280**	**277**	1	(0.4)	262	(93.6)	16	(5.7)	1	(0.4)	0	(0.0)
T027	**205**	**199**	2	(1.0)	161	(78.5)	40	(19.5)	0	(0.0)	2	(1.0)
M	**57**	**57**	0	(0.0)	34	(59.6)	23	(40.4)	0	(0.0)	0	(0.0)
X	**54**	**54**	0	(0.0)	24	(44.4)	16	(29.6)	4	(7.4)	10	(18.5)
PICU transport team	**2**	**2**	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)
Neonatal transport team	**98**	**98**	0	(0.0)	2	(2.0)	6	(6.1)	0	(0.0)	90	(91.8)
Other specialist team	**3**	**3**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(100.0)
Non-specialist team	**123**	**123**	2	(1.6)	3	(2.4)	2	(1.6)	1	(0.8)	115	(93.5)
Total	**5,695**	**5,507**	**629**	**(11.0)**	**3,333**	**(58.5)**	**870**	**(15.3)**	**269**	**(4.7)**	**594**	**(10.4)**
2018												
T001	**1,182**	**1,148**	1	(0.1)	900	(76.1)	203	(17.2)	65	(5.5)	13	(1.1)
T002	**419**	**408**	0	(0.0)	277	(66.1)	135	(32.2)	7	(1.7)	0	(0.0)
T003	**452**	**423**	0	(0.0)	397	(87.8)	49	(10.8)	1	(0.2)	5	(1.1)
T004	**902**	**885**	23	(2.5)	438	(48.6)	140	(15.5)	28	(3.1)	273	(30.3)
T005	**546**	**513**	57	(10.4)	334	(61.2)	15	(2.7)	127	(23.3)	13	(2.4)
T008	**432**	**426**	176	(40.7)	166	(38.4)	82	(19.0)	3	(0.7)	5	(1.2)
T010	**121**	**121**	35	(28.9)	71	(58.7)	15	(12.4)	0	(0.0)	0	(0.0)
T020	**275**	**271**	0	(0.0)	223	(81.1)	51	(18.5)	0	(0.0)	1	(0.4)
T022	**95**	**91**	0	(0.0)	72	(75.8)	18	(18.9)	4	(4.2)	1	(1.1)
T024	**353**	**335**	244	(69.1)	86	(24.4)	8	(2.3)	15	(4.2)	0	(0.0)
T026	**358**	**354**	10	(2.8)	316	(88.3)	29	(8.1)	2	(0.6)	1	(0.3)
T027	**341**	**326**	1	(0.3)	253	(74.2)	72	(21.1)	3	(0.9)	12	(3.5)
T028	**14**	**13**	1	(7.1)	1	(7.1)	11	(78.6)	0	(0.0)	1	(7.1)
PICU transport team	**2**	**2**	0	(0.0)	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)
Total	**5,492**	**5,316**	**548**	**(10.0)**	**3,534**	**(64.3)**	**830**	**(15.1)**	**255**	**(4.6)**	**325**	**(5.9)**
Grand Total	**16,799**	**16,269**	**1,764**	**(10.5)**	**9,703**	**(57.8)**	**2,471**	**(14.7)**	**740**	**(4.4)**	**2,121**	**(12.6)**

Notes

1) All percentages are row percentages; no column percentages are presented.

2) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE T8 NON-ELECTIVE TRANSPORT BY TRANSPORT ORGANISATION & COLLECTION AREA, 2016-2018

Table T8 shows the number and proportion of non-elective transports and the collection area. This is presented by transport team and year. The denominator for each group is the total.

	Total	A & E		Ward		Theatre / Recovery		NICU		HDU (step-up/step-down unit)		ICU		PICU		Recovery only		Other	
Year / Organisation	**n**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**
2016																			
T001	**1,117**	374	(33.5)	179	(16.0)	165	(14.8)	220	(19.7)	35	(3.1)	88	(7.9)	43	(3.8)	7	(0.6)	6	(0.5)
T002	**303**	118	(38.9)	83	(27.4)	37	(12.2)	15	(5.0)	26	(8.6)	7	(2.3)	12	(4.0)	2	(0.7)	4	(1.3)
T003	**430**	146	(34.0)	86	(20.0)	35	(8.1)	15	(3.5)	118	(27.4)	5	(1.2)	18	(4.2)	2	(0.5)	5	(1.2)
T004	**776**	221	(28.5)	110	(14.2)	289	(37.2)	35	(4.5)	74	(9.5)	35	(4.5)	8	(1.0)	0	(0.0)	5	(0.6)
T005	**393**	113	(28.8)	105	(26.7)	20	(5.1)	82	(20.9)	40	(10.2)	15	(3.8)	17	(4.3)	0	(0.0)	1	(0.3)
T008	**360**	70	(19.4)	66	(18.3)	99	(27.5)	16	(4.4)	54	(15.0)	34	(9.4)	13	(3.6)	2	(0.6)	8	(2.2)
T010	**95**	15	(15.8)	11	(11.6)	59	(62.1)	5	(5.3)	0	(0.0)	1	(1.1)	1	(1.1)	0	(0.0)	3	(3.2)
T020	**170**	44	(25.9)	29	(17.1)	20	(11.8)	0	(0.0)	25	(14.7)	29	(17.1)	10	(5.9)	0	(0.0)	13	(7.6)
T022	**90**	14	(15.6)	15	(16.7)	8	(8.9)	1	(1.1)	15	(16.7)	21	(23.3)	13	(14.4)	1	(1.1)	5	(5.6)
T024	**320**	30	(9.4)	20	(6.3)	55	(17.2)	24	(7.5)	45	(14.1)	90	(28.1)	18	(5.6)	35	(10.9)	3	(0.9)
T026	**199**	55	(27.6)	7	(3.5)	95	(47.7)	3	(1.5)	0	(0.0)	8	(4.0)	30	(15.1)	0	(0.0)	1	(0.5)
M	**97**	32	(33.0)	40	(41.2)	3	(3.1)	1	(1.0)	2	(2.1)	0	(0.0)	12	(12.4)	6	(6.2)	1	(1.0)
X	**80**	11	(13.8)	2	(2.5)	1	(1.3)	27	(33.8)	7	(8.8)	5	(6.3)	20	(25.0)	0	(0.0)	7	(8.8)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Neonatal transport team	**65**	1	(1.5)	10	(15.4)	0	(0.0)	53	(81.5)	1	(1.5)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Non-specialist team	**121**	34	(28.1)	46	(38.0)	0	(0.0)	5	(4.1)	4	(3.3)	6	(5.0)	0	(0.0)	0	(0.0)	26	(21.5)
Total	**4,616**	**1,278**	**(27.7)**	**809**	**(17.5)**	**886**	**(19.2)**	**502**	**(10.9)**	**446**	**(9.7)**	**344**	**(7.5)**	**215**	**(4.7)**	**55**	**(1.2)**	**88**	**(1.9)**
2017																			
T001	**987**	327	(33.1)	175	(17.7)	113	(11.4)	220	(22.3)	25	(2.5)	75	(7.6)	42	(4.3)	2	(0.2)	8	(0.8)
T002	**248**	88	(35.5)	84	(33.9)	23	(9.3)	14	(5.6)	34	(13.7)	1	(0.4)	3	(1.2)	0	(0.0)	2	(0.8)
T003	**417**	144	(34.5)	57	(13.7)	53	(12.7)	23	(5.5)	94	(22.5)	13	(3.1)	31	(7.4)	0	(0.0)	3	(0.7)
T004	**758**	222	(29.3)	150	(19.8)	209	(27.6)	38	(5.0)	63	(8.3)	35	(4.6)	37	(4.9)	0	(0.0)	4	(0.5)
T005	**374**	99	(26.5)	81	(21.7)	26	(7.0)	86	(23.0)	49	(13.1)	14	(3.7)	18	(4.8)	1	(0.3)	0	(0.0)
T008	**378**	88	(23.3)	69	(18.3)	95	(25.1)	9	(2.4)	61	(16.1)	34	(9.0)	6	(1.6)	7	(1.9)	9	(2.4)
T010	**120**	28	(23.3)	14	(11.7)	67	(55.8)	3	(2.5)	0	(0.0)	2	(1.7)	4	(3.3)	0	(0.0)	2	(1.7)
T020	**230**	63	(27.4)	40	(17.4)	39	(17.0)	3	(1.3)	29	(12.6)	41	(17.8)	9	(3.9)	0	(0.0)	11	(4.8)
T022	**82**	14	(17.1)	24	(29.3)	6	(7.3)	3	(3.7)	10	(12.2)	17	(20.7)	3	(3.7)	0	(0.0)	6	(7.3)
T024	**316**	29	(9.2)	11	(3.5)	59	(18.7)	22	(7.0)	50	(15.8)	99	(31.3)	16	(5.1)	21	(6.6)	9	(2.8)
T026	**230**	78	(33.9)	16	(7.0)	82	(35.7)	2	(0.9)	0	(0.0)	6	(2.6)	42	(18.3)	0	(0.0)	4	(1.7)
T027	**130**	30	(23.1)	29	(22.3)	11	(8.5)	10	(7.7)	18	(13.8)	0	(0.0)	21	(16.2)	0	(0.0)	11	(8.5)
M	**55**	19	(34.5)	11	(20.0)	6	(10.9)	0	(0.0)	4	(7.3)	2	(3.6)	7	(12.7)	3	(5.5)	3	(5.5)
X	**49**	6	(12.2)	12	(24.5)	0	(0.0)	14	(28.6)	2	(4.1)	2	(4.1)	12	(24.5)	0	(0.0)	1	(2.0)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(100.0)	0	(0.0)	0	(0.0)
Neonatal transport team	**93**	1	(1.1)	3	(3.2)	2	(2.2)	79	(84.9)	1	(1.1)	1	(1.1)	1	(1.1)	0	(0.0)	5	(5.4)
Other specialist team	**2**	1	(50.0)	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Non-specialist team	**104**	35	(33.7)	36	(34.6)	3	(2.9)	1	(1.0)	2	(1.9)	4	(3.8)	0	(0.0)	3	(2.9)	20	(19.2)
Total	**4,575**	**1,272**	**(27.8)**	**813**	**(17.8)**	**794**	**(17.4)**	**527**	**(11.5)**	**442**	**(9.7)**	**346**	**(7.6)**	**254**	**(5.6)**	**37**	**(0.8)**	**98**	**(2.1)**
2018																			
T001	**1,039**	382	(36.8)	142	(13.7)	143	(13.8)	207	(19.9)	40	(3.8)	68	(6.5)	43	(4.1)	5	(0.5)	11	(1.1)
T002	**255**	95	(37.3)	66	(25.9)	23	(9.0)	15	(5.9)	50	(19.6)	1	(0.4)	5	(2.0)	0	(0.0)	0	(0.0)
T003	**347**	142	(40.9)	47	(13.5)	37	(10.7)	9	(2.6)	93	(26.8)	4	(1.2)	12	(3.5)	0	(0.0)	3	(0.9)
T004	**766**	289	(37.7)	139	(18.1)	202	(26.4)	35	(4.6)	52	(6.8)	9	(1.2)	28	(3.7)	0	(0.0)	14	(1.8)
T005	**340**	99	(29.1)	87	(25.6)	22	(6.5)	64	(18.8)	49	(14.4)	4	(1.2)	15	(4.4)	0	(0.0)	1	(0.3)
T008	**404**	77	(19.1)	86	(21.3)	111	(27.5)	10	(2.5)	68	(16.8)	35	(8.7)	4	(1.0)	7	(1.7)	6	(1.5)
T010	**99**	29	(29.3)	8	(8.1)	12	(12.1)	2	(2.0)	0	(0.0)	2	(2.0)	0	(0.0)	42	(42.4)	4	(4.0)
T020	**209**	59	(28.2)	42	(20.1)	42	(20.1)	2	(1.0)	37	(17.7)	23	(11.0)	4	(1.9)	0	(0.0)	2	(1.0)
T022	**83**	19	(22.9)	22	(26.5)	5	(6.0)	0	(0.0)	10	(12.0)	19	(22.9)	5	(6.0)	2	(2.4)	1	(1.2)
T024	**307**	36	(11.7)	11	(3.6)	66	(21.5)	24	(7.8)	48	(15.6)	100	(32.6)	3	(1.0)	16	(5.2)	3	(1.0)
T026	**234**	91	(38.9)	19	(8.1)	68	(29.1)	0	(0.0)	2	(0.9)	8	(3.4)	45	(19.2)	0	(0.0)	1	(0.4)
T027	**197**	72	(36.5)	52	(26.4)	31	(15.7)	6	(3.0)	18	(9.1)	0	(0.0)	12	(6.1)	1	(0.5)	6	(3.0)
T028	**13**	0	(0.0)	0	(0.0)	0	(0.0)	4	(30.8)	0	(0.0)	0	(0.0)	9	(69.2)	0	(0.0)	0	(0.0)
PICU transport team	**2**	1	(50.0)	0	(0.0)	0	(0.0)	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)
Total	**4,295**	1,391	(32.4)	721	(16.8)	762	(17.7)	379	(8.8)	467	(10.9)	273	(6.4)	185	(4.3)	73	(1.7)	52	(1.2)
Grand Total	**13,486**	**3,941**	**(29.2)**	**2,343**	**(17.4)**	**2,442**	**(18.1)**	**1,408**	**(10.4)**	**1,355**	**(10.0)**	**963**	**(7.1)**	**654**	**(4.8)**	**165**	**(1.2)**	**238**	**(1.8)**

Notes

1) (.) = percentage cannot be calculated as the denominator equals 0

2) A & E = Accident and Emergency; ICU = Intensive Care Unit; NICU = Neonatal Intensive Care Unit; PICU = Paediatric Intensive Care Unit

3) All percentages are row percentages; no column percentages are presented.

4) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE T9 NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & PARENT PRESENT DURING TRANSPORT, 2016-2018

Table T9 shows the number and proportion of non-elective transports and whether the parent(s)/guardian(s) accompanied the child during the journey. This is presented by transport team and year. The denominator for each group is the total.

	Total	Yes - parent accompanied child		No - parent not present		No - parent declined to accompany		No - parent not permitted to accompany		Unknown	
	n	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)
2016											
T001	**1,117**	929	(83.2)	84	(7.5)	73	(6.5)	21	(1.9)	10	(0.9)
T002	**303**	224	(73.9)	23	(7.6)	38	(12.5)	10	(3.3)	8	(2.6)
T003	**430**	280	(65.1)	31	(7.2)	37	(8.6)	5	(1.2)	77	(17.9)
T004	**776**	730	(94.1)	14	(1.8)	26	(3.4)	5	(0.6)	1	(0.1)
T005	**393**	316	(80.4)	18	(4.6)	46	(11.7)	5	(1.3)	8	(2.0)
T008	**360**	226	(62.8)	19	(5.3)	99	(27.5)	10	(2.8)	6	(1.7)
T010	**95**	23	(24.2)	3	(3.2)	60	(63.2)	8	(8.4)	1	(1.1)
T020	**170**	112	(65.9)	4	(2.4)	48	(28.2)	3	(1.8)	3	(1.8)
T022	**90**	6	(6.7)	2	(2.2)	76	(84.4)	6	(6.7)	0	(0.0)
T024	**320**	202	(63.1)	7	(2.2)	105	(32.8)	4	(1.3)	2	(0.6)
T026	**199**	93	(46.7)	18	(9.0)	75	(37.7)	5	(2.5)	8	(4.0)
M	**97**	0	(0.0)	1	(1.0)	0	(0.0)	96	(99.0)	0	(0.0)
X	**80**	5	(6.3)	11	(13.8)	0	(0.0)	61	(76.3)	3	(3.8)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Neonatal transport team	**65**	2	(3.1)	0	(0.0)	0	(0.0)	0	(0.0)	63	(96.9)
Non-specialist team	**121**	7	(5.8)	1	(0.8)	0	(0.0)	1	(0.8)	112	(92.6)
Total	**4,616**	**3,155**	**(68.3)**	**236**	**(5.1)**	**683**	**(14.8)**	**240**	**(5.2)**	**302**	**(6.5)**
2017											
T001	**987**	853	(86.4)	63	(6.4)	60	(6.1)	7	(0.7)	4	(0.4)
T002	**248**	176	(71.0)	4	(1.6)	45	(18.1)	9	(3.6)	14	(5.6)
T003	**417**	300	(71.9)	27	(6.5)	44	(10.6)	3	(0.7)	43	(10.3)
T004	**758**	725	(95.6)	16	(2.1)	13	(1.7)	3	(0.4)	1	(0.1)
T005	**374**	300	(80.2)	27	(7.2)	39	(10.4)	5	(1.3)	3	(0.8)
T008	**378**	242	(64.0)	16	(4.2)	99	(26.2)	12	(3.2)	9	(2.4)
T010	**120**	51	(42.5)	4	(3.3)	63	(52.5)	2	(1.7)	0	(0.0)
T020	**230**	158	(68.7)	3	(1.3)	59	(25.7)	8	(3.5)	2	(0.9)
T022	**82**	3	(3.7)	0	(0.0)	70	(85.4)	6	(7.3)	3	(3.7)
T024	**316**	201	(63.6)	6	(1.9)	99	(31.3)	10	(3.2)	0	(0.0)
T026	**230**	152	(66.1)	5	(2.2)	66	(28.7)	6	(2.6)	1	(0.4)
T027	**130**	21	(16.2)	17	(13.1)	25	(19.2)	66	(50.8)	1	(0.8)
M	**55**	1	(1.8)	3	(5.5)	4	(7.3)	47	(85.5)	0	(0.0)
X	**49**	0	(0.0)	3	(6.1)	0	(0.0)	41	(83.7)	5	(10.2)
PICU transport team	**2**	1	(50.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(50.0)
Neonatal transport team	**93**	10	(10.8)	5	(5.4)	0	(0.0)	0	(0.0)	78	(83.9)
Other specialist team	**2**	0	(0.0)	1	(50.0)	0	(0.0)	0	(0.0)	1	(50.0)
Non-specialist team	**104**	19	(18.3)	4	(3.8)	1	(1.0)	2	(1.9)	78	(75.0)
Total	**4,575**	**3,213**	**(70.2)**	**204**	**(4.5)**	**687**	**(15.0)**	**227**	**(5.0)**	**244**	**(5.3)**
2018											
T001	**1,039**	917	(88.3)	54	(5.2)	60	(5.8)	7	(0.7)	1	(0.1)
T002	**255**	212	(83.1)	8	(3.1)	27	(10.6)	6	(2.4)	2	(0.8)
T003	**347**	256	(73.8)	11	(3.2)	63	(18.2)	3	(0.9)	14	(4.0)
T004	**766**	737	(96.2)	10	(1.3)	19	(2.5)	0	(0.0)	0	(0.0)
T005	**340**	274	(80.6)	19	(5.6)	29	(8.5)	2	(0.6)	16	(4.7)
T008	**404**	296	(73.3)	18	(4.5)	81	(20.0)	5	(1.2)	4	(1.0)
T010	**99**	35	(35.4)	2	(2.0)	55	(55.6)	7	(7.1)	0	(0.0)
T020	**209**	148	(70.8)	7	(3.3)	45	(21.5)	9	(4.3)	0	(0.0)
T022	**83**	4	(4.8)	0	(0.0)	79	(95.2)	0	(0.0)	0	(0.0)
T024	**307**	202	(65.8)	10	(3.3)	88	(28.7)	7	(2.3)	0	(0.0)
T026	**234**	175	(74.8)	12	(5.1)	31	(13.2)	6	(2.6)	10	(4.3)
T027	**197**	38	(19.3)	29	(14.7)	28	(14.2)	99	(50.3)	3	(1.5)
T028	**13**	2	(15.4)	0	(0.0)	0	(0.0)	11	(84.6)	0	(0.0)
PICU transport team	**2**	1	(50.0)	0	(0.0)	0	(0.0)	1	(50.0)	0	(0.0)
Total	**4,295**	3,297	(76.8)	180	(4.2)	605	(14.1)	163	(3.8)	50	(1.2)
Grand Total	**13,486**	**9,665**	**(71.7)**	**620**	**(4.6)**	**1,975**	**(14.6)**	**630**	**(4.7)**	**596**	**(4.4)**

Notes

1) All percentages are row percentages; no column percentages are presented.

2) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE T10 NON-ELECTIVE TRANSPORTS BY TRANSPORT ORGANISATION & CRITICAL INCIDENTS, 2016-2018

Table T10 shows the number and proportion of non-elective transports and any critical incidents that occurred during the transport. This is presented by transport team and year. The denominator for each group is the total. Critical incident data is only collected by PIC transport teams.

	Total	None		Accidental extubation		IV access loss		Cardiac arrest		Ventilator failure		Medical gas supply loss		Equipment failure		Vehicle accident or breakdown		Other	
Year / Organisation	**n**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**	**n**	**(%)**
2016																			
T001	**1,117**	1,047	(93.7)	1	(0.1)	3	(0.3)	13	(1.2)	3	(0.3)	2	(0.2)	34	(3.0)	0	(0.0)	17	(1.5)
T002	**303**	261	(86.1)	0	(0.0)	1	(0.3)	2	(0.7)	1	(0.3)	0	(0.0)	12	(4.0)	2	(0.7)	32	(10.6)
T003	**430**	349	(81.2)	2	(0.5)	2	(0.5)	2	(0.5)	0	(0.0)	0	(0.0)	16	(3.7)	0	(0.0)	58	(13.5)
T004	**776**	692	(89.2)	0	(0.0)	0	(0.0)	4	(0.5)	6	(0.8)	0	(0.0)	38	(4.9)	0	(0.0)	43	(5.5)
T005	**393**	382	(97.2)	0	(0.0)	0	(0.0)	2	(0.5)	0	(0.0)	1	(0.3)	2	(0.5)	0	(0.0)	6	(1.5)
T008	**360**	340	(94.4)	0	(0.0)	1	(0.3)	0	(0.0)	0	(0.0)	1	(0.3)	3	(0.8)	0	(0.0)	13	(3.6)
T010	**95**	91	(95.8)	0	(0.0)	0	(0.0)	1	(1.1)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	3	(3.2)
T020	**170**	167	(98.2)	0	(0.0)	0	(0.0)	2	(1.2)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.6)
T022	**90**	87	(96.7)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(2.2)	0	(0.0)	2	(2.2)
T024	**320**	259	(80.9)	0	(0.0)	0	(0.0)	1	(0.3)	2	(0.6)	0	(0.0)	8	(2.5)	0	(0.0)	54	(16.9)
T026	**199**	189	(95.0)	1	(0.5)	1	(0.5)	0	(0.0)	0	(0.0)	2	(1.0)	3	(1.5)	0	(0.0)	5	(2.5)
M	**97**	89	(91.8)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(2.1)	5	(5.2)	0	(0.0)	1	(1.0)
X	**80**	72	(90.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	6	(7.5)	0	(0.0)	1	(1.3)
PICU transport team	**0**	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)	0	(.)
Total	**4,430**	**4,025**	**(90.9)**	**4**	**(0.1)**	**8**	**(0.2)**	**27**	**(0.6)**	**12**	**(0.3)**	**8**	**(0.2)**	**129**	**(2.9)**	**2**	**(0.0)**	**236**	**(5.3)**
2017																			
T001	**987**	881	(89.3)	5	(0.5)	4	(0.4)	7	(0.7)	1	(0.1)	5	(0.5)	79	(8.0)	0	(0.0)	5	(0.5)
T002	**248**	213	(85.9)	0	(0.0)	0	(0.0)	1	(0.4)	0	(0.0)	0	(0.0)	12	(4.8)	0	(0.0)	25	(10.1)
T003	**417**	311	(74.6)	0	(0.0)	0	(0.0)	1	(0.2)	1	(0.2)	0	(0.0)	18	(4.3)	0	(0.0)	93	(22.3)
T004	**758**	688	(90.8)	0	(0.0)	0	(0.0)	1	(0.1)	0	(0.0)	0	(0.0)	3	(0.4)	0	(0.0)	68	(9.0)
T005	**374**	367	(98.1)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.3)	1	(0.3)	1	(0.3)	0	(0.0)	6	(1.6)
T008	**378**	353	(93.4)	0	(0.0)	0	(0.0)	2	(0.5)	3	(0.8)	1	(0.3)	8	(2.1)	0	(0.0)	11	(2.9)
T010	**120**	119	(99.2)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.8)
T020	**230**	227	(98.7)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.4)	0	(0.0)	1	(0.4)	0	(0.0)	1	(0.4)
T022	**82**	78	(95.1)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	2	(2.4)	0	(0.0)	2	(2.4)
T024	**316**	286	(90.5)	0	(0.0)	0	(0.0)	2	(0.6)	0	(0.0)	2	(0.6)	4	(1.3)	0	(0.0)	24	(7.6)
T026	**230**	224	(97.4)	0	(0.0)	1	(0.4)	1	(0.4)	0	(0.0)	0	(0.0)	4	(1.7)	0	(0.0)	0	(0.0)
T027	**130**	83	(63.8)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(0.8)	2	(1.5)	0	(0.0)	44	(33.8)
M	**55**	49	(89.1)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	6	(10.9)
X	**49**	49	(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)
PICU transport team	**2**	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)
Total	**4,376**	**3,929**	**(89.8)**	**5**	**(0.1)**	**5**	**(0.1)**	**15**	**(0.3)**	**7**	**(0.2)**	**10**	**(0.2)**	**134**	**(3.1)**	**0**	**(0.0)**	**286**	**(6.5)**
2018																			
T001	**1,039**	987	(95.0)	2	(0.2)	4	(0.4)	7	(0.7)	0	(0.0)	0	(0.0)	36	(3.5)	0	(0.0)	5	(0.5)
T002	**255**	237	(92.9)	1	(0.4)	0	(0.0)	1	(0.4)	0	(0.0)	1	(0.4)	4	(1.6)	0	(0.0)	11	(4.3)
T003	**347**	264	(76.1)	3	(0.9)	0	(0.0)	1	(0.3)	0	(0.0)	0	(0.0)	13	(3.7)	0	(0.0)	68	(19.6)
T004	**766**	726	(94.8)	0	(0.0)	0	(0.0)	1	(0.1)	1	(0.1)	0	(0.0)	0	(0.0)	0	(0.0)	38	(5.0)
T005	**340**	323	(95.0)	0	(0.0)	0	(0.0)	8	(2.4)	1	(0.3)	1	(0.3)	2	(0.6)	0	(0.0)	5	(1.5)
T008	**404**	388	(96.0)	0	(0.0)	0	(0.0)	1	(0.2)	0	(0.0)	1	(0.2)	1	(0.2)	0	(0.0)	13	(3.2)
T010	**99**	98	(99.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	1	(1.0)
T020	**209**	206	(98.6)	0	(0.0)	0	(0.0)	0	(0.0)	2	(1.0)	0	(0.0)	1	(0.5)	0	(0.0)	0	(0.0)
T022	**83**	75	(90.4)	1	(1.2)	0	(0.0)	0	(0.0)	1	(1.2)	3	(3.6)	2	(2.4)	0	(0.0)	3	(3.6)
T024	**307**	283	(92.2)	1	(0.3)	0	(0.0)	1	(0.3)	0	(0.0)	0	(0.0)	4	(1.3)	0	(0.0)	18	(5.9)
T026	**234**	225	(96.2)	0	(0.0)	0	(0.0)	1	(0.4)	1	(0.4)	0	(0.0)	5	(2.1)	0	(0.0)	2	(0.9)
T027	**197**	183	(92.9)	1	(0.5)	0	(0.0)	1	(0.5)	1	(0.5)	1	(0.5)	1	(0.5)	0	(0.0)	10	(5.1)
T028	**13**	13	(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)
PICU transport team	**2**	2	(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)
Total	**4,295**	**4,010**	**(93.4)**	**9**	**(0.2)**	**4**	**(0.1)**	**22**	**(0.5)**	**7**	**(0.2)**	**7**	**(0.2)**	**69**	**(1.6)**	**0**	**(0.0)**	**174**	**(4.1)**
Grand Total	**13,101**	**11,964**	**(91.3)**	**18**	**(0.1)**	**17**	**(0.1)**	**64**	**(0.5)**	**26**	**(0.2)**	**25**	**(0.2)**	**332**	**(2.5)**	**2**	**(0.0)**	**696**	**(5.3)**

Notes

1) The 'Other' category includes: chest drain, delayed connection, desaturation, emergency diversion, hypotension, inotrope loss, intubation during transit, journey abandoned, medication administrative error, oxygen saturation loss, replacement vehicle, team diverted and other reason
2) (.) = percentage cannot be calculated as the denominator equals 0
3) Multiple critical incidents may occur during one transport
4) All percentages are row percentages; no column percentages are presented.
5) Further information on the definition of each transport team type can be found on the Data Description tab.

TABLE T11 ALL TRANSPORTS BY TRANSPORT ORGANISATION & JOURNEY BY AIR, 2016-2018

Table T11 shows the number and proportion of transports by air for each section of the journey. This is presented by transport team and year. The denominator for each group is the total.

	Total	Base to Collect (Air)		Patient journey (Air)		Back to base (Air)	
Year / Organisation	n	n	(%)	n	(%)	n	(%)
2016							
T001	**1,269**	9	(0.7)	7	(0.6)	2	(0.2)
T002	**464**	6	(1.3)	9	(1.9)	1	(0.2)
T003	**535**	10	(1.9)	21	(3.9)	7	(1.3)
T004	**956**	2	(0.2)	3	(0.3)	0	(0.0)
T005	**566**	1	(0.2)	1	(0.2)	0	(0.0)
T008	**411**	11	(2.7)	14	(3.4)	2	(0.5)
T010	**108**	0	(0.0)	0	(0.0)	0	(0.0)
T020	**201**	56	(27.9)	58	(28.9)	14	(7.0)
T022	**115**	2	(1.7)	2	(1.7)	2	(1.7)
T024	**344**	5	(1.5)	4	(1.2)	2	(0.6)
T026	**237**	0	(0.0)	0	(0.0)	0	(0.0)
M	**103**	0	(0.0)	0	(0.0)	0	(0.0)
X	**87**	3	(3.4)	3	(3.4)	1	(1.1)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)
Neonatal transport team	**73**	0	(0.0)	0	(0.0)	0	(0.0)
Nonspecialist team	**141**	1	(0.7)	5	(3.5)	5	(3.5)
Total	**5,612**	**106**	**(1.9)**	**127**	**(2.3)**	**36**	**(0.6)**
2017							
T001	**1,138**	11	(1.0)	11	(1.0)	4	(0.4)
T002	**435**	6	(1.4)	7	(1.6)	4	(0.9)
T003	**519**	9	(1.7)	16	(3.1)	3	(0.6)
T004	**857**	6	(0.7)	7	(0.8)	1	(0.1)
T005	**577**	1	(0.2)	4	(0.7)	3	(0.5)
T008	**434**	10	(2.3)	11	(2.5)	2	(0.5)
T010	**153**	0	(0.0)	0	(0.0)	0	(0.0)
T020	**307**	76	(24.8)	78	(25.4)	13	(4.2)
T022	**105**	1	(1.0)	5	(4.8)	5	(4.8)
T024	**348**	13	(3.7)	16	(4.6)	4	(1.1)
T026	**280**	0	(0.0)	2	(0.7)	2	(0.7)
T027	**205**	0	(0.0)	1	(0.5)	0	(0.0)
M	**57**	0	(0.0)	0	(0.0)	0	(0.0)
X	**54**	2	(3.7)	3	(5.6)	0	(0.0)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)
Neonatal transport team	**98**	0	(0.0)	0	(0.0)	0	(0.0)
Other specialist team	**3**	0	(0.0)	2	(66.7)	0	(0.0)
Nonspecialist team	**123**	0	(0.0)	2	(1.6)	1	(0.8)
Total	**5,695**	**135**	**(2.4)**	**165**	**(2.9)**	**42**	**(0.7)**

Year / Organisation	Total	Base to Collect (Air)		Patient journey (Air)		Back to base (Air)	
	n	n	(%)	n	(%)	n	(%)
2018							
T001	**1,182**	12	(1.0)	16	(1.4)	3	(0.3)
T002	**419**	6	(1.4)	10	(2.4)	3	(0.7)
T003	**452**	5	(1.1)	6	(1.3)	4	(0.9)
T004	**902**	2	(0.2)	3	(0.3)	1	(0.1)
T005	**546**	0	(0.0)	0	(0.0)	0	(0.0)
T008	**432**	17	(3.9)	19	(4.4)	2	(0.5)
T010	**121**	0	(0.0)	0	(0.0)	0	(0.0)
T020	**275**	78	(28.4)	78	(28.4)	9	(3.3)
T022	**95**	3	(3.2)	6	(6.3)	3	(3.2)
T024	**353**	6	(1.7)	7	(2.0)	3	(0.8)
T026	**358**	1	(0.3)	2	(0.6)	1	(0.3)
T027	**341**	0	(0.0)	0	(0.0)	0	(0.0)
T028	**14**	0	(0.0)	0	(0.0)	0	(0.0)
PICU transport team	**2**	0	(0.0)	0	(0.0)	0	(0.0)
Total	**5,492**	**130**	**(2.4)**	**147**	**(2.7)**	**29**	**(0.5)**
Grand Total	**16,799**	**371**	**(2.2)**	**439**	**(2.6)**	**107**	**(0.6)**

Notes

1) All percentages are row percentages; no column percentages are presented.

STAFFING DATA

PICANet has a remit to monitor and analyse staffing levels within PICUs, and to audit the appropriate Standards of the Paediatric Intensive Care Society (PICS). Staffing data was collected in November 2018 and where appropriate data is compared to that obtained in 2016 and 2017, reporting on three consecutive years.

The data collected has been used to monitor the PICS Quality Standards for the Care of Critically Ill Children' (5th Edition); December 2015 and where indicated is compared to the previous standards published in 2001 and 2010.

The questionnaires were sent to the lead doctor and senior nurse in each PICU. Information was collected on numbers of nursing staff and medical staff employed on units during a specified week in November 2018. Details were recorded at four specific 'snapshot' time periods (a weekday and a weekend at noon and midnight). Information was also collected about other professionals working on PICU. The number of beds is based on the figures returned by the units on the staffing forms.

Complete data was returned by 100% of all units participating in PICANet, (28 units in 25 NHS organisations, two units in the Republic of Ireland and two non-NHS providers).

For copies of the most recent data collection forms, please see Appendix M of the PICANet 2019 Annual Report Appendices.

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TABLE S1a NUMBER OF NURSING STAFF IN POST (WTE) BY BAND & ORGANISATION, 2016-2017

Table S1a presents the nursing staff establishment in post by band, organisation and country in 2016 and 2017; data for 2018 are presented in Table S1b.

The rows report the number of WTE nursing staff by organisation and band. The percentages of nurses within each organisation employed at each band are provided. The columns for establishment provide the total WTE nursing staff at each organisation, and provides the percentage that this accounts for out of the total for those reported.

Data for all PICANet organisations combined and for PICUs in each country separately are shown in the 'Total' rows.

Year/Organisation	Band 2-3		Band 4		Band 5		Band 6		Band 7		Band 8		Establishment		
	WTE	(%)	WTE	(%)	WTE	(%)	WTE	(%)	WTE	(%)	WTE	(%)	Total	(%) of all units	All vacancies (WTE)
2016															
A	4.1	(6.3)	2	(3.1)	36.2	(55.9)	13.5	(20.8)	9	(13.9)	0	(0.0)	**64.8**	**(2.5)**	10.4
C	2.2	(4.2)	0	(0.0)	29.8	(56.3)	16.4	(31.0)	4.5	(8.5)	0	(0.0)	**52.9**	**(2.1)**	7.5
D	4.2	(4.3)	0	(0.0)	68.4	(70.1)	14.9	(15.3)	9.1	(9.3)	1	(1.0)	**97.6**	**(3.8)**	13.7
E1 NICU	0	(0.0)	1	(2.2)	23.6	(52.2)	13.7	(30.3)	5.9	(13.1)	1	(2.2)	**45.2**	**(1.8)**	12.6
E1 PICU	1	(1.4)	0	(0.0)	42.2	(59.8)	19.4	(27.5)	7	(9.9)	1	(1.4)	**70.6**	**(2.8)**	35.6
E2	2	(1.5)	0	(0.0)	79	(59.8)	40	(30.3)	10	(7.6)	1	(0.8)	**132**	**(5.2)**	16
F	1.8	(1.4)	0	(0.0)	61.9	(48.4)	47.9	(37.5)	14.5	(11.4)	1.8	(1.4)	**127.9**	**(5.0)**	15.6
H	4.8	(7.3)	0	(0.0)	25.4	(38.5)	27.5	(41.7)	7.2	(10.9)	1	(1.5)	**65.9**	**(2.6)**	5.7
I	2.8	(3.3)	0	(0.0)	59.5	(69.3)	11.4	(13.2)	12.2	(14.2)	0	(0.0)	**85.8**	**(3.4)**	27.7
K2	6.4	(7.1)	0	(0.0)	68.2	(75.2)	10.4	(11.5)	5.6	(6.2)	0	(0.0)	**90.7**	**(3.6)**	9.2
K3	0	(0.0)	0	(0.0)	56.1	(76.5)	9.4	(12.9)	7.2	(9.8)	0.6	(0.8)	**73.3**	**(2.9)**	2.8
L	3.3	(7.5)	0	(0.0)	26.4	(60.3)	9.7	(22.2)	3.4	(7.7)	1	(2.3)	**43.8**	**(1.7)**	3.2
M	0	(0.0)	0	(0.0)	42.4	(62.7)	17.2	(25.5)	8	(11.8)	0	(0.0)	**67.5**	**(2.7)**	3.9
N	4.6	(8.4)	1	(1.8)	18.9	(34.9)	18.9	(34.8)	8.9	(16.4)	2	(3.7)	**54.2**	**(2.1)**	14.6
O	0	(0.0)	0	(0.0)	27.6	(40.0)	29.8	(43.3)	10.5	(15.2)	1	(1.5)	**68.9**	**(2.7)**	27.3
P	0	(0.0)	2	(1.2)	114	(71.2)	34.6	(21.6)	7.8	(4.9)	1.8	(1.1)	**160.2**	**(6.3)**	0
Q	7	(7.7)	0	(0.0)	48	(52.5)	26.5	(29.0)	10	(10.9)	0	(0.0)	**91.5**	**(3.6)**	5.5
R	6	(6.0)	1	(1.0)	69.4	(69.7)	14.4	(14.5)	7.8	(7.8)	1	(1.0)	**99.6**	**(3.9)**	9
S	1.4	(6.1)	0	(0.0)	9.8	(43.3)	10.5	(46.2)	1	(4.4)	0	(0.0)	**22.7**	**(0.9)**	3
T	6.2	(9.9)	0	(0.0)	32	(51.5)	15.5	(24.9)	6.9	(11.1)	1.6	(2.6)	**62.2**	**(2.4)**	9.4
U	0	(0.0)	0	(0.0)	17.3	(38.6)	20.5	(45.8)	7	(15.6)	0	(0.0)	**44.8**	**(1.8)**	4.4
V	20.5	(7.7)	4.3	(1.6)	209.5	(78.1)	22.5	(8.4)	10.6	(4.0)	0.6	(0.2)	**268.1**	**(10.5)**	7.6
W	0	(0.0)	3.6	(3.4)	81.9	(77.7)	13	(12.3)	5	(4.7)	2	(1.9)	**105.5**	**(4.1)**	10.7
X1	4.4	(12.6)	0	(0.0)	15.4	(44.0)	8.8	(25.2)	5.9	(16.8)	0.5	(1.4)	**35.1**	**(1.4)**	10.9
X2	2.1	(11.7)	0	(0.0)	3.4	(18.5)	8.6	(47.3)	3.6	(19.8)	0.5	(2.7)	**18.2**	**(0.7)**	14.7
Y	4.7	(5.3)	2	(2.3)	57.2	(65.0)	13.3	(15.1)	9.9	(11.2)	1	(1.1)	**88**	**(3.5)**	24.1
Z	0	(0.0)	0	(0.0)	17.6	(60.0)	5	(17.0)	6.7	(22.9)	0	(0.0)	**29.3**	**(1.2)**	5.6
ZA	8.4	(7.6)	0	(0.0)	80.6	(73.0)	14.7	(13.3)	6.8	(6.2)	0	(0.0)	**110.5**	**(4.3)**	13.1
ZB	1	(1.4)	0	(0.0)	51.8	(73.1)	15.1	(21.3)	3	(4.2)	0	(0.0)	**70.8**	**(2.8)**	13.2
ZC	0	(0.0)	0	(0.0)	109.7	(88.4)	0	(0.0)	12.4	(10.0)	2	(1.6)	**124.2**	**(4.9)**	6.7
ZD	1.6	(4.1)	0	(0.0)	30.6	(80.2)	0	(0.0)	5	(13.1)	1	(2.6)	**38.2**	**(1.5)**	10.6
ZE	0	(0.0)	0	(0.0)	14	(66.7)	1	(4.8)	5	(23.8)	1	(4.8)	**21**	**(0.8)**	6
ZF	0	(0.0)	0	(0.0)	5	(45.5)	3	(27.3)	1.5	(13.6)	1.5	(13.6)	**11**	**(0.4)**	10
Total	**100.5**	**(4.0)**	**16.9**	**(0.7)**	**1632.7**	**(64.2)**	**527**	**(20.7)**	**238.7**	**(9.4)**	**25.9**	**(1.0)**	**2541.8**	**(100.0)**	**370.2**
England Total	**81.7**	**(4.1)**	**14.9**	**(0.8)**	**1230.8**	**(62.0)**	**448.3**	**(22.6)**	**190.1**	**(9.6)**	**20.9**	**(1.1)**	**1986.6**	**(78.2)**	**295**
England NHS Total	**82.7**	**(4.1)**	**14.9**	**(0.7)**	**1254**	**(61.9)**	**463.6**	**(22.9)**	**190.6**	**(9.4)**	**19.4**	**(1.0)**	**2025.2**	**(79.7)**	**279**
England Private Total	**0**	**(0.0)**	**0**	**(0.0)**	**19**	**(59.4)**	**4**	**(12.5)**	**6.5**	**(20.3)**	**2.5**	**(7.8)**	**32**	**(1.3)**	**16**
Wales Total	**2.2**	**(4.2)**	**0**	**(0.0)**	**29.8**	**(56.3)**	**16.4**	**(31.0)**	**4.5**	**(8.5)**	**0**	**(0.0)**	**52.9**	**(2.1)**	**7.5**
Scotland Total	**13.1**	**(6.6)**	**2**	**(1.0)**	**137.8**	**(69.4)**	**27.9**	**(14.1)**	**16.7**	**(8.4)**	**1**	**(0.5)**	**198.5**	**(7.8)**	**37.2**
NI Total	**1**	**(1.4)**	**0**	**(0.0)**	**51.8**	**(73.1)**	**15.1**	**(21.3)**	**3**	**(4.2)**	**0**	**(0.0)**	**70.8**	**(2.8)**	**13.2**
ROI Total	**1.6**	**(1.0)**	**0**	**(0.0)**	**140.3**	**(86.5)**	**0**	**(0.0)**	**17.4**	**(10.7)**	**3**	**(1.8)**	**162.3**	**(6.4)**	**17.3**
2017															
A	3.7	(6.2)	2	(3.3)	33.7	(55.9)	12.1	(20.2)	8.7	(14.4)	0	(0.0)	**60.2**	**(2.4)**	16.3
C	2.4	(4.6)	0	(0.0)	28.5	(55.7)	13.9	(27.2)	6.4	(12.5)	0	(0.0)	**51.1**	**(2.0)**	3.7
D	8.6	(10.4)	0	(0.0)	40.3	(48.5)	21.6	(26.0)	11.6	(14.0)	1	(1.2)	**83.1**	**(3.3)**	26.3
E1 NICU PICU	1	(1.1)	0	(0.0)	80.9	(91.5)	2.9	(3.2)	3.6	(4.1)	0	(0.0)	**88.4**	**(3.5)**	47.2
E2	2	(1.9)	0	(0.0)	68	(63.6)	36	(33.6)	0	(0.0)	1	(0.9)	**107**	**(4.3)**	26
F	3	(2.2)	0	(0.0)	62.6	(45.9)	45.1	(33.1)	23.8	(17.5)	1.9	(1.4)	**136.4**	**(5.4)**	12.4
H	6.2	(8.7)	0	(0.0)	28.9	(40.5)	26	(36.5)	9.2	(12.9)	1	(1.4)	**71.3**	**(2.8)**	2.8
I	2.8	(3.1)	0	(0.0)	58.9	(65.0)	16.4	(18.1)	12.5	(13.8)	0	(0.0)	**90.7**	**(3.6)**	21.4
K2	6.3	(6.4)	0	(0.0)	75	(76.4)	10.4	(10.6)	6.5	(6.7)	0	(0.0)	**98.2**	**(3.9)**	0.2
K3	0	(0.0)	0	(0.0)	56.1	(76.1)	9.5	(12.9)	7.1	(9.6)	1	(1.3)	**73.6**	**(2.9)**	2.6
L	7.4	(19.5)	0	(0.0)	17.8	(46.4)	7.8	(20.3)	4.3	(11.2)	1	(2.6)	**38.3**	**(1.5)**	6.3
M	2	(2.8)	0	(0.0)	43.2	(61.4)	17.1	(24.3)	8.1	(11.5)	0	(0.0)	**70.3**	**(2.8)**	2.8
N	0	(0.0)	5	(7.4)	35.8	(52.8)	17.4	(25.7)	7.6	(11.2)	2	(2.9)	**67.8**	**(2.7)**	19.6
O	3	(3.4)	0	(0.0)	40.9	(47.0)	32.1	(37.0)	9.9	(11.4)	1	(1.1)	**87**	**(3.5)**	32.9
P	0	(0.0)	1.9	(1.3)	103.5	(69.4)	32.9	(22.1)	7.9	(5.3)	3	(2.0)	**149.3**	**(5.9)**	2.6
Q	0	(0.0)	0	(0.0)	38	(49.8)	25.9	(33.9)	11.5	(15.1)	1	(1.3)	**76.4**	**(3.0)**	14.6
R	6	(5.6)	2	(1.9)	72.5	(68.2)	14.9	(14.0)	8.9	(8.4)	2	(1.9)	**106.3**	**(4.2)**	4.1
S	1.4	(4.5)	0	(0.0)	17.9	(58.6)	10.3	(33.6)	1	(3.3)	0	(0.0)	**30.6**	**(1.2)**	0.7
T	5.5	(8.7)	0.4	(0.6)	32.9	(52.6)	14.5	(23.2)	7.7	(12.3)	1.6	(2.6)	**62.6**	**(2.5)**	7.4
U	0	(0.0)	0	(0.0)	18.3	(41.5)	18	(40.7)	6.8	(15.5)	1	(2.3)	**44.1**	**(1.8)**	4.1
V	10.5	(4.6)	4.8	(2.1)	172.4	(75.1)	28	(12.2)	10.7	(4.7)	3	(1.3)	**229.4**	**(9.1)**	4.9
W	0	(0.0)	2	(1.9)	84	(78.7)	13.7	(12.8)	6	(5.6)	1	(0.9)	**106.7**	**(4.2)**	1.4
X1	4.4	(12.7)	0	(0.0)	16.1	(46.2)	8.9	(25.6)	5.4	(15.5)	0	(0.0)	**34.9**	**(1.4)**	10.1
X2	2.7	(7.2)	0	(0.0)	21.7	(58.3)	10.1	(27.1)	2.8	(7.5)	0	(0.0)	**37.3**	**(1.5)**	2
Y	5.3	(5.6)	2	(2.1)	56.2	(59.6)	18.7	(19.8)	11.1	(11.8)	1	(1.1)	**94.2**	**(3.7)**	19
Z	0	(0.0)	0	(0.0)	17.8	(60.1)	5.1	(17.2)	6.7	(22.6)	0	(0.0)	**29.6**	**(1.2)**	6.3
ZA	6.6	(5.3)	0	(0.0)	89.3	(71.8)	21.8	(17.5)	6.8	(5.5)	0	(0.0)	**124.5**	**(5.0)**	9.1
ZB	1	(1.6)	0	(0.0)	50.4	(80.5)	10.2	(16.3)	1	(1.6)	0	(0.0)	**62.6**	**(2.5)**	11.2
ZC	0	(0.0)	0	(0.0)	111	(83.9)	0	(0.0)	19.3	(14.6)	2	(1.5)	**132.3**	**(5.3)**	5.4
ZD	1.6	(3.7)	0	(0.0)	33.7	(79.5)	0	(0.0)	6.1	(14.4)	1	(2.4)	**42.3**	**(1.7)**	8.8
ZE	0	(0.0)	0	(0.0)	11.5	(71.9)	0	(0.0)	3.5	(21.9)	1	(6.3)	**16**	**(0.6)**	7
ZF	0	(0.0)	0	(0.0)	3	(27.3)	3	(27.3)	4	(36.4)	1	(9.1)	**11**	**(0.4)**	4
Total	**93.3**	**(3.7)**	**20.1**	**(0.8)**	**1620.8**	**(64.5)**	**504.2**	**(20.1)**	**246.5**	**(9.8)**	**28.5**	**(1.1)**	**2513.4**	**(100.0)**	**342.9**
England Total	**76.5**	**(3.8)**	**18.1**	**(0.9)**	**1251.7**	**(62.4)**	**439.7**	**(21.9)**	**195.9**	**(9.8)**	**24.5**	**(1.2)**	**2006.3**	**(79.8)**	**285.7**
England NHS Total	**76.5**	**(3.9)**	**18.1**	**(0.9)**	**1237.2**	**(62.5)**	**436.7**	**(22.1)**	**188.4**	**(9.5)**	**22.5**	**(1.1)**	**1979.3**	**(78.7)**	**274.7**
England Private Total	**0**	**(0.0)**	**0**	**(0.0)**	**14.5**	**(53.7)**	**3**	**(11.1)**	**7.5**	**(27.8)**	**2**	**(7.4)**	**27**	**(1.1)**	**11**
Wales Total	**2.4**	**(4.6)**	**0**	**(0.0)**	**28.5**	**(55.7)**	**13.9**	**(27.2)**	**6.4**	**(12.5)**	**0**	**(0.0)**	**51.1**	**(2.0)**	**3.7**
Scotland Total	**11.9**	**(5.4)**	**2**	**(0.9)**	**145.5**	**(66.5)**	**40.4**	**(18.5)**	**17.9**	**(8.2)**	**1**	**(0.5)**	**218.8**	**(8.7)**	**28.1**
NI Total	**1**	**(1.6)**	**0**	**(0.0)**	**50.4**	**(80.5)**	**10.2**	**(16.3)**	**1**	**(1.6)**	**0**	**(0.0)**	**62.6**	**(2.5)**	**11.2**
ROI Total	**1.6**	**(0.9)**	**0**	**(0.0)**	**144.7**	**(82.9)**	**0**	**(0.0)**	**25.4**	**(14.5)**	**3**	**(1.7)**	**174.6**	**(6.9)**	**14.1**

Notes

1) NI = Northern Ireland; ROI = Republic of Ireland

2) Organisation E1 - for 2016 the nurse staffing establishment was reported separately for NICU/PICU, for 2017 this organisation reported a combined nurse establishment

3) Under Agenda for Change established in 2004, NHS pay scales are by bands rather than grades. For the purposes of this report grades A-C were mapped to bands 2-4, grades D-E to band 5, grade F to band 6, grade G to band 7 and grades H-I to band 8. For 2017 bands 2-3 and band 4 is shown separately.

TABLE S1b NUMBER OF NURSING STAFF IN POST (WTE) BY BAND & ORGANISATION, 2018

Table S1b presents the nursing staff establishment in post by band, organisation and country for 2018. For 2018, units were retrospectively contacted to confirm the number whole time equivalent (WTE) of non-registered health care staff with appropriate level competencies in critical care.

The rows report the number of WTE nursing staff by organisation and band. The percentages of nurses within each organisation employed at each band are provided.

The columns for establishment provide the total WTE nursing staff at each organisation, and provides the percentage that this accounts for out of the total for those reported.

Data for all PICANet organisations combined and for PICUs in each country separately are shown in the 'Total' rows.

Organisation	Band 2-3		Band 2-3 clinical care		Band 4		Band 4 clinical care		Band 5		Band 6		Band 7		Band 8		Establishment		All vacancies (WTE)
	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	n	(%)	Total	(%) of all	
2018																			
A	8.5	(10.9)	0	(0.0)	3	(3.9)	2	(2.6)	42.4	(54.4)	15.5	(19.9)	8.1	(10.4)	0.5	(0.6)	77.9	(2.9)	6.5
C	2.4	(4.4)	0	(0.0)	0	(0.0)	0	(0.0)	28.5	(53.0)	17.1	(31.8)	5.8	(10.7)	0	(0.0)	53.7	(2.0)	0.9
D	3.1	(2.4)	1	(0.8)	0	(0.0)	0	(0.0)	97.3	(74.3)	21.1	(16.1)	8.4	(6.4)	1	(0.8)	130.9	(4.9)	43.5
E1 NICU PICU	2	(1.5)	0	(0.0)	0	(0.0)	0	(0.0)	79.1	(61.0)	33.4	(25.8)	14.2	(11.0)	1	(0.8)	129.8	(4.8)	35.4
E2	2	(1.5)	1	(0.8)	0	(0.0)	0	(0.0)	76	(57.6)	44	(33.3)	10	(7.6)	0	(0.0)	132	(4.9)	22
F	6.3	(3.8)	0	(0.0)	0	(0.0)	0	(0.0)	77.4	(46.5)	46.3	(27.8)	26.5	(15.9)	10	(6.0)	166.5	(6.2)	16
H	9.5	(13.2)	7.1	(9.9)	0	(0.0)	0	(0.0)	27.2	(37.8)	27.1	(37.7)	7.1	(9.9)	1	(1.4)	72	(2.7)	2.6
I	2.8	(3.4)	0	(0.0)	0	(0.0)	0	(0.0)	54.8	(66.0)	14.3	(17.2)	11.1	(13.4)	0	(0.0)	83	(3.1)	27.6
K2	6.4	(6.8)	0	(0.0)	0	(0.0)	0	(0.0)	74.4	(79.0)	10.4	(11.0)	2.9	(3.1)	0	(0.0)	94.2	(3.5)	1.5
K3	2	(2.6)	2	(2.6)	0	(0.0)	0	(0.0)	56.1	(74.0)	9.8	(12.9)	7.1	(9.3)	0.8	(1.1)	75.7	(2.8)	0.5
L	5.8	(11.6)	2.8	(5.7)	0	(0.0)	0	(0.0)	29.5	(58.8)	9.6	(19.1)	4.3	(8.6)	1	(2.0)	50.1	(1.9)	0.4
M	0	(0.0)	0	(0.0)	4.8	(5.9)	4.8	(5.9)	45.7	(56.4)	21.9	(27.0)	8.7	(10.7)	0	(0.0)	81.1	(3.0)	4
N	0	(0.0)	0	(0.0)	2.7	(7.3)	2.7	(7.3)	25.4	(68.9)	3.3	(9.0)	3.5	(9.5)	2	(5.4)	36.9	(1.4)	31
O	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	46.7	(48.8)	33	(34.5)	15	(15.6)	1	(1.0)	95.7	(3.6)	23.5
P	0	(0.0)	0	(0.0)	2	(1.3)	0	(0.0)	105.1	(66.5)	39.4	(25.0)	10.4	(6.6)	1	(0.6)	157.9	(5.9)	2.3
Q	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	45	(55.3)	23.8	(29.3)	11.5	(14.1)	1	(1.2)	81.3	(3.0)	9.7
R	6	(5.7)	0	(0.0)	2	(1.9)	2	(1.9)	73.8	(70.6)	14.1	(13.5)	8.5	(8.2)	0	(0.0)	104.4	(3.9)	3.5
S	1.4	(5.0)	1.4	(5.0)	0	(0.0)	0	(0.0)	15.7	(55.9)	10	(35.6)	1	(3.6)	0	(0.0)	28.1	(1.0)	3.3
T	6	(9.7)	0	(0.0)	1	(1.6)	1	(1.6)	29.5	(47.7)	18.1	(29.2)	5.7	(9.2)	1.6	(2.6)	61.8	(2.3)	2.5
U	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	20.4	(52.6)	13.5	(34.9)	3.8	(9.9)	1	(2.6)	38.7	(1.4)	7
V	19.6	(9.1)	19.6	(9.1)	1.6	(0.7)	1.6	(0.7)	159.7	(74.3)	22.3	(10.4)	8.6	(4.0)	3	(1.4)	214.9	(8.0)	17
W	0	(0.0)	0	(0.0)	0	(0.0)	1	(1.0)	84.7	(81.4)	13.1	(12.5)	5.5	(5.3)	0.8	(0.8)	104.1	(3.9)	2.7
X1	3.8	(8.2)	0	(0.0)	0	(0.0)	0	(0.0)	26.5	(57.2)	10.1	(21.9)	5.9	(12.7)	0	(0.0)	46.3	(1.7)	8.9
X2	4.7	(12.7)	0	(0.0)	0	(0.0)	0	(0.0)	20.2	(54.6)	7.4	(20.1)	4.6	(12.6)	0	(0.0)	37	(1.4)	4.4
Y	6.2	(6.6)	0	(0.0)	4	(4.3)	4	(4.3)	57.8	(61.6)	15.8	(16.8)	10.1	(10.7)	0	(0.0)	93.8	(3.5)	20.3
Z	3	(6.9)	2	(4.6)	0	(0.0)	0	(0.0)	14.1	(32.3)	20.2	(46.5)	5.2	(11.9)	1	(2.3)	43.5	(1.6)	6.4
ZA	11.1	(8.5)	0	(0.0)	0	(0.0)	0	(0.0)	92.4	(70.5)	20.8	(15.9)	6.8	(5.2)	0	(0.0)	131.1	(4.9)	0
ZB	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	46.8	(75.6)	10.2	(16.5)	4.8	(7.8)	0	(0.0)	61.8	(2.3)	9.1
ZC	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	116.2	(85.3)	0	(0.0)	18	(13.2)	2	(1.5)	136.2	(5.1)	0.2
ZD	1.8	(3.9)	0	(0.0)	0	(0.0)	0	(0.0)	37.4	(81.0)	0	(0.0)	6	(13.0)	1	(2.2)	46.2	(1.7)	4.1
ZE	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	4	(38.1)	2	(19.0)	3.5	(33.3)	1	(9.5)	10.5	(0.4)	10
ZF	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	6	(35.3)	5	(29.4)	6	(35.3)	0	(0.0)	17	(0.6)	11
Total	**114.4**	**(4.2)**	**37**	**(1.4)**	**21.1**	**(0.8)**	**19.1**	**(0.7)**	**1715.6**	**(63.7)**	**552.6**	**(20.5)**	**258.7**	**(9.6)**	**31.7**	**(1.2)**	**2694.1**	**(100.0)**	**337.9**
England Total	**92.9**	**(4.3)**	**37**	**(1.7)**	**17.1**	**(0.8)**	**15.1**	**(0.7)**	**1336.7**	**(61.6)**	**488.7**	**(22.5)**	**207.2**	**(9.5)**	**28.7**	**(1.3)**	**2171.3**	**(80.6)**	**303.2**
England NHS Total	**92.9**	**(4.3)**	**37**	**(1.7)**	**17.1**	**(0.8)**	**15.1**	**(0.7)**	**1326.7**	**(61.9)**	**481.7**	**(22.5)**	**197.7**	**(9.2)**	**27.7**	**(1.3)**	**2143.8**	**(79.6)**	**282.2**
England Private Total	**0**	**(0.0)**	**0**	**(0.0)**	**0**	**(0.0)**	**0**	**(0.0)**	**10**	**(36.4)**	**7**	**(25.5)**	**9.5**	**(34.5)**	**1**	**(3.6)**	**27.5**	**(1.0)**	**21**
Wales Total	**2.4**	**(4.4)**	**0**	**(0.0)**	**0**	**(0.0)**	**0**	**(0.0)**	**28.5**	**(53.0)**	**17.1**	**(31.8)**	**5.8**	**(10.7)**	**0**	**(0.0)**	**53.7**	**(2.0)**	**0.9**
Scotland Total	**17.3**	**(7.7)**	**0**	**(0.0)**	**4**	**(1.8)**	**4**	**(1.8)**	**150.1**	**(66.7)**	**36.6**	**(16.3)**	**16.9**	**(7.5)**	**0**	**(0.0)**	**224.9**	**(8.3)**	**20.3**
NI Total	**0**	**(0.0)**	**0**	**(0.0)**	**0**	**(0.0)**	**0**	**(0.0)**	**46.8**	**(75.6)**	**10.2**	**(16.5)**	**4.8**	**(7.8)**	**0**	**(0.0)**	**61.8**	**(2.3)**	**9.1**
ROI Total	**1.8**	**(1.0)**	**0**	**(0.0)**	**0**	**(0.0)**	**0**	**(0.0)**	**153.6**	**(84.2)**	**0**	**(0.0)**	**24**	**(13.2)**	**3**	**(1.6)**	**182.4**	**(6.8)**	**4.4**

Notes:

1) Organisation E1 - for 2018 this organisation reported a combined nurse establishment

2) Organisation E1 & E2 - for 2018 has been allocated funding to open additional beds in the future accounting for reported vacancy rate

3) Under Agenda for Change established in 2004, NHS pay scales are by bands rather than grades. For the purposes of this report grades A-C were mapped to bands 2-4, grades D-E to band 5, grade F to band 6, grade G to band 7 and grades H-I to band 8. For 2017 bands 2-3 and band 4 is shown separately.

TABLE S2a NUMBER OF MEDICAL TRAINEES (WTE) IN POST (PICU & PIC TRANSPORT) BY GRADE AND ORGANISATION, 2017-2018

Tables S2a presents the medical staff establishment by organisation for 2017 to 2018; following revision of the medical staffing data collection forms in 2017 to include details of PICU medical staff allocation to duties on PICU, to a PIC transport organisation and to other clinical commitments e.g. high dependency units outside PICU. This table presents the number of WTE junior and middle grade medical trainees in post in ICU and transport. The final columns present the total number of WTE medical trainees in post and vacancies. The percentages in the white rows are calculated using the total WTE of trainees or middle grades for each organisation.

Year/ Organisation	Junior (FY1-2, ST1-3)				Middle Grade (ST4-8)				Total establishment by unit	
	ICU n	Transport n	%	Vacancies n	ICU n	Transport n	%	Vacancies n	In post n	Vacancies n
2017										
A	0	0	(0.0)	0	11	0	(100.0)	1.5	**11**	**1.5**
C	0	0	(0.0)	0	7	0	(100.0)	1	**7**	**1**
D	3	0	(15.8)	0	16	0	(84.2)	1	**19**	**1**
E1	0	0	(0.0)	0	21.8	0	(100.0)	3.2	**21.8**	**3.2**
E2	0	0	(0.0)	0	10	0	(100.0)	0	**10**	**0**
F	0	0	(0.0)	0	17	7	(100.0)	0	**24**	**0**
H	0	0	(0.0)	0	10	0	(100.0)	0	**10**	**0**
I	3	0	(25.0)	0	9	0	(75.0)	0	**12**	**0**
K2	0	0	(0.0)	0	4.8	0	(100.0)	1	**4.8**	**1**
K3	0	0	(0.0)	0	7.2	0	(100.0)	1.8	**7.2**	**1.8**
L	0	0	(0.0)	0	8	0	(100.0)	0	**8**	**0**
M	6.6	0	(60.0)	0	4.4	0	(40.0)	2.6	**11**	**2.6**
N	1	0	(8.3)	0	11	0	(91.7)	0	**12**	**0**
O	10	0	(45.5)	0	12	0	(54.5)	0	**22**	**0**
P	2.8	0	(19.9)	0	10.3	1	(80.1)	0	**14.1**	**0**
Q	2	0	(22.5)	0	6.9	0	(77.5)	2	**8.9**	**2**
R	4	1	(29.4)	0	6	6	(70.6)	0	**17**	**0**
S	0	0	(0.0)	0	9	0	(100.0)	0	**9**	**0**
T	6	0	(35.3)	0	11	0	(64.7)	0	**17**	**0**
U	5	0	(43.5)	1	6.5	0	(56.5)	0.5	**11.5**	**1.5**
V	0	0	(0.0)	0	20.2	0	(100.0)	5.4	**20.2**	**5.4**
W	3.6	0	(20.8)	0	9	4.7	(79.2)	0	**17.3**	**0**
X1	0	0	(0.0)	0	6.3	1	(100.0)	3	**7.3**	**3**
X2	2	0	(40.0)	0	3	0	(60.0)	0	**5**	**0**
Y	0	0	(0.0)	0	5	0	(100.0)	2	**5**	**2**
Z	0	0	(0.0)	0	6.9	0	(100.0)	0	**6.9**	**0**
ZA	0	0	(0.0)	0	14.8	0	(100.0)	0	**14.8**	**0**
ZB	2	0	(26.7)	0	5.5	0	(73.3)	0	**7.5**	**0**
ZC	0	0	(0.0)	0	14	0	(100.0)	6	**14**	**6**
ZD	0	0	(0.0)	0	3	2	(100.0)	0	**5**	**0**
ZE	0	0	(0.0)	0	7	0	(100.0)	0	**7**	**0**
ZF	0	0	(0.0)	0	4.5	0	(100.0)	0	**4.5**	**0**
Total	**51**	**1**	**(14.0)**	**1**	**298.1**	**21.7**	**(86.0)**	**31**	**371.8**	**32**

Year/ Organisation	Junior (FY1-2, ST1-3)				Middle Grade (ST4-8)				Total establishment by unit	
	ICU n	Transport n	%	Vacancies n	ICU n	Transport n	%	Vacancies n	In post n	Vacancies n
2018										
A	0	0	(0.0)	0	9	0	(100.0)	0	**9**	**0**
C	0	0	(0.0)	0	6	0	(100.0)	0	**6**	**0**
D	6	0	(41.7)	2	8.4	0	(58.3)	2.6	**14.4**	**4.6**
E1	0	0	(0.0)	0	23	0	(100.0)	1	**23**	**1**
E2	0	0	(0.0)	0	26	0	(100.0)	3	**26**	**3**
F	0	0	(0.0)	0	14	9	(100.0)	0	**23**	**0**
H	0	0	(0.0)	0	10	0	(100.0)	0	**10**	**0**
I	3.5	0	(40.2)	0	5.2	0	(59.8)	3.8	**8.7**	**3.8**
K2	0	0	(0.0)	0	6	0	(100.0)	1	**6**	**1**
K3	0	0	(0.0)	0	5	0	(100.0)	2	**5**	**2**
L	0	0	(0.0)	0	8	0	(100.0)	0	**8**	**0**
M	4	0	(40.0)	2	6	0	(60.0)	2	**10**	**4**
N	2	0	(16.7)	0	10	0	(83.3)	1	**12**	**1**
O	7.8	0	(42.9)	2.2	10.4	0	(57.1)	1.1	**18.2**	**3.3**
P	0	0	(0.0)	0	6.4	1	(100.0)	2.6	**7.4**	**2.6**
Q	4	0	(36.4)	0	7	0	(63.6)	0	**11**	**0**
R	4	0	(26.7)	0	11	0	(73.3)	0	**15**	**0**
S	0	0	(0.0)	0	7.4	0	(100.0)	2	**7.4**	**2**
T	5	0	(42.7)	1	6.7	0	(57.3)	4.7	**11.7**	**5.7**
U	6	0	(42.9)	0	7	1	(57.1)	0	**14**	**0**
V	1.5	0	(7.1)	0.5	16.7	3	(92.9)	8	**21.2**	**8.5**
W	4	0	(22.6)	0	10.9	2.8	(77.4)	0	**17.7**	**0**
X1	0	0	(0.0)	0	8	1	(100.0)	0	**9**	**0**
X2	0	0	(0.0)	0	6	0	(100.0)	2	**6**	**2**
Y	0	0	(0.0)	0	7	0	(100.0)	0	**7**	**0**
Z	2	0	(28.6)	0	5	0	(71.4)	0	**7**	**0**
ZA	0	0	(0.0)	0	11.8	0	(100.0)	0	**11.8**	**0**
ZB	2	0	(22.2)	0	7	0	(77.8)	0	**9**	**0**
ZC	0	0	(0.0)	0	14	0	(100.0)	6	**14**	**6**
ZD	0	0	(0.0)	0	4	2	(100.0)	1	**6**	**1**
ZE	0	0	(0.0)	0	4	0	(100.0)	0	**4**	**0**
ZF	0	0	(0.0)	0	14	0	(100.0)	4	**14**	**4**
Total	**51.8**	**0**	**(13.9)**	**7.7**	**300.9**	**19.8**	**(86.1)**	**47.8**	**372.5**	**55.5**

Notes

1) FY1-2 = Foundation year 1-2

2) ST1-3 = Specialty trainee, years 1-3. ST4-8 = Specialty trainee, years 4-8.

TABLE S2b(i) NUMBER OF CONSULTANT MEDICAL STAFF IN POST & BY DCC PAs BY POSITION & ORGANISATION, 2017-2018

Tables S2b(i) presents the medical staff establishment by organisation for 2017 to 2018; following revision of the medical staffing data collection forms in 2017 to include details of PICU medical staff allocation to duties on PICU, to a PIC transport organisation and to other clinical commitments e.g. high dependency units outside PICU. This table presents numbers of consultant paediatric intensivists, non-paediatric intensive care medicine (non-PICM) consultants, and associate specialists/staff grade in post in ICU and transport, by organisation and overall.

Year/Organisation	Consultant Paediatric Intensivists					Non-PICM Consultants					Asssociate Specialists/Staff Grade					Establishment
	ICU		Transport		TOTAL	ICU		Transport		TOTAL	ICU		Transport		TOTAL	
	n	(%)	n	(%)	n	n	(%)	n	(%)	n	n	(%)	n	(%)	n	n
2017																
A	4	(100.0)	0	(0.0)	4	1	(100.0)	0	(0.0)	1	0	(0.0)	0	(0.0)	0	**5**
C	7	(100.0)	0	(0.0)	7	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7**
D	9	(60.0)	6	(40.0)	15	0	(0.0)	5	(100.0)	5	0	(0.0)	0	(0.0)	0	**20**
E1	14	(100.0)	0	(0.0)	14	2	(100.0)	0	(0.0)	2	1	(100.0)	0	(0.0)	1	**17**
E2	11	(100.0)	0	(0.0)	11	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**11**
F	13	(72.2)	5	(27.8)	18	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**18**
H	7.8	(100.0)	0	(0.0)	7.8	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7.8**
I	8	(100.0)	0	(0.0)	8	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**8**
K2	6	(100.0)	0	(0.0)	6	1	(100.0)	0	(0.0)	1	0	(0.0)	0	(0.0)	0	**7**
K3	6.5	(86.7)	1	(13.3)	7.5	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7.5**
L	5	(100.0)	0	(0.0)	5	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**5**
M	6	(66.7)	3	(33.3)	9	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**9**
N	7	(100.0)	0	(0.0)	7	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7**
O	11	(100.0)	0	(0.0)	11	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**11**
P	12	(100.0)	0	(0.0)	12	0	(0.0)	0	(0.0)	0	1	(100.0)	0	(0.0)	1	**13**
Q	8	(100.0)	0	(0.0)	8	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**8**
R	6	(54.5)	5	(45.5)	11	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**11**
S	0	(0.0)	0	(0.0)	0	17	(100.0)	0	(0.0)	17	0	(0.0)	0	(0.0)	0	**17**
T	7	(100.0)	0	(0.0)	7	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7**
U	8	(100.0)	0	(0.0)	8	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**8**
V	15.9	(78.0)	4.5	(22.0)	20.5	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**20.5**
W	13	(100.0)	0	(0.0)	13	0	(0.0)	5	(100.0)	5	1	(50.0)	1	(50.0)	2	**20**
X1	12	(100.0)	0	(0.0)	12	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**12**
X2																
Y	7	(100.0)	0	(0.0)	7	0	(0.0)	4	(100.0)	4	1	(50.0)	1	(50.0)	2	**13**
Z	6	(100.0)	0	(0.0)	6	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**6**
ZA	13	(100.0)	0	(0.0)	13	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**13**
ZB	10	(100.0)	0	(0.0)	10	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**10**
ZC	4	(100.0)	0	(0.0)	4	4	(100.0)	0	(0.0)	4	0	(0.0)	0	(0.0)	0	**8**
ZD	3	(60.0)	2	(40.0)	5	9	(100.0)	0	(0.0)	9	0	(0.0)	0	(0.0)	0	**14**
ZE	8	(100.0)	0	(0.0)	8	13	(100.0)	0	(0.0)	13	2	(100.0)	0	(0.0)	2	**23**
Total	**265.3**	**(90.9)**	**26.5**	**(9.1)**	**291.8**	**47**	**(77.0)**	**14**	**(23.0)**	**61**	**6**	**(75.0)**	**2**	**(25.0)**	**8**	**360.8**
2018																
A	5	(100.0)	0	(0.0)	5	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**5**
C	8	(100.0)	0	(0.0)	8	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**8**
D	11	(100.0)	0	(0.0)	11	1	(100.0)	0	(0.0)	1	0	(0.0)	0	(0.0)	0	**12**
E1	12	(100.0)	0	(0.0)	12	1	(100.0)	0	(0.0)	1	0	(0.0)	0	(0.0)	0	**13**
E2	16	(100.0)	0	(0.0)	16	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**16**
F	9	(75.0)	3	(25.0)	12	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**12**
H	7	(100.0)	0	(0.0)	7	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7**
I	8	(100.0)	0	(0.0)	8	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**8**
K2	7	(100.0)	0	(0.0)	7	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7**
K3	6	(85.7)	1	(14.3)	7	0	(0.0)	3	(100.0)	3	0	(0.0)	0	(0.0)	0	**10**
L	4	(100.0)	0	(0.0)	4	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**4**
M	6	(75.0)	2	(25.0)	8	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**8**
N	8	(100.0)	0	(0.0)	8	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**8**
O	10	(100.0)	0	(0.0)	10	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**10**
P	11	(100.0)	0	(0.0)	11	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**11**
Q	7	(100.0)	0	(0.0)	7	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7**
R	10	(100.0)	0	(0.0)	10	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**10**
S	0	(0.0)	0	(0.0)	0	15	(100.0)	0	(0.0)	15	0	(0.0)	0	(0.0)	0	**15**
T	7	(100.0)	0	(0.0)	7	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7**
U	8	(100.0)	0	(0.0)	8	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**8**
V	18	(75.0)	6	(25.0)	24	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**24**
W	13	(92.9)	1	(7.1)	14	0	(0.0)	3	(100.0)	3	1	(50.0)	1	(50.0)	2	**19**
X1	9	(69.2)	4	(30.8)	13	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**13**
X2																
Y	8	(100.0)	0	(0.0)	8	2	(100.0)	0	(0.0)	2	1	(100.0)	0	(0.0)	1	**11**
Z	6	(100.0)	0	(0.0)	6	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**6**
ZA	13	(100.0)	0	(0.0)	13	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**13**
ZB	7	(100.0)	0	(0.0)	7	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7**
ZC	7	(100.0)	0	(0.0)	7	3	(100.0)	0	(0.0)	3	0	(0.0)	0	(0.0)	0	**10**
ZD	4	(80.0)	1	(20.0)	5	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**5**
ZE	8	(100.0)	0	(0.0)	8	0	(0.0)	0	(0.0)	0	1	(100.0)	0	(0.0)	1	**9**
ZF	7	(100.0)	0	(0.0)	7	0	(0.0)	0	(0.0)	0	0	(0.0)	0	(0.0)	0	**7**
Total	**260**	**(93.5)**	**18**	**(6.5)**	**278**	**22**	**(78.6)**	**6**	**(21.4)**	**28**	**3**	**(75.0)**	**1**	**(25.0)**	**4**	**310**

Notes

1) X1 & X2 -Consultant staff work across PICU and Transport and across both sites.

2) PICM - Paediatric Intensive Care Medicine

TABLE S2b(ii) NUMBER OF CONSULTANT MEDICAL STAFF DCC PAs BY POSITION & ORGANISATION, 2017-2018

Tables S2b(ii) present the medical staff establishment by organisation for 2017 to 2018; following revision of the medical staffing data collection forms in 2017 to include details of PICU medical staff allocation to duties on PICU, to a PIC transport organisation and to other clinical commitments e.g. high dependency units outside PICU. Shown here are Directed Clinical Care Programmed Activities (DCC PAs) of funded staff (consultant paediatric intensivists, non-paediatric intensive care medicine (non-PICM) consultants and associate specialists/staff grade) in post in PICU, transport or other clinical care. The total number of DCC PAs for each role is provided by organisation.

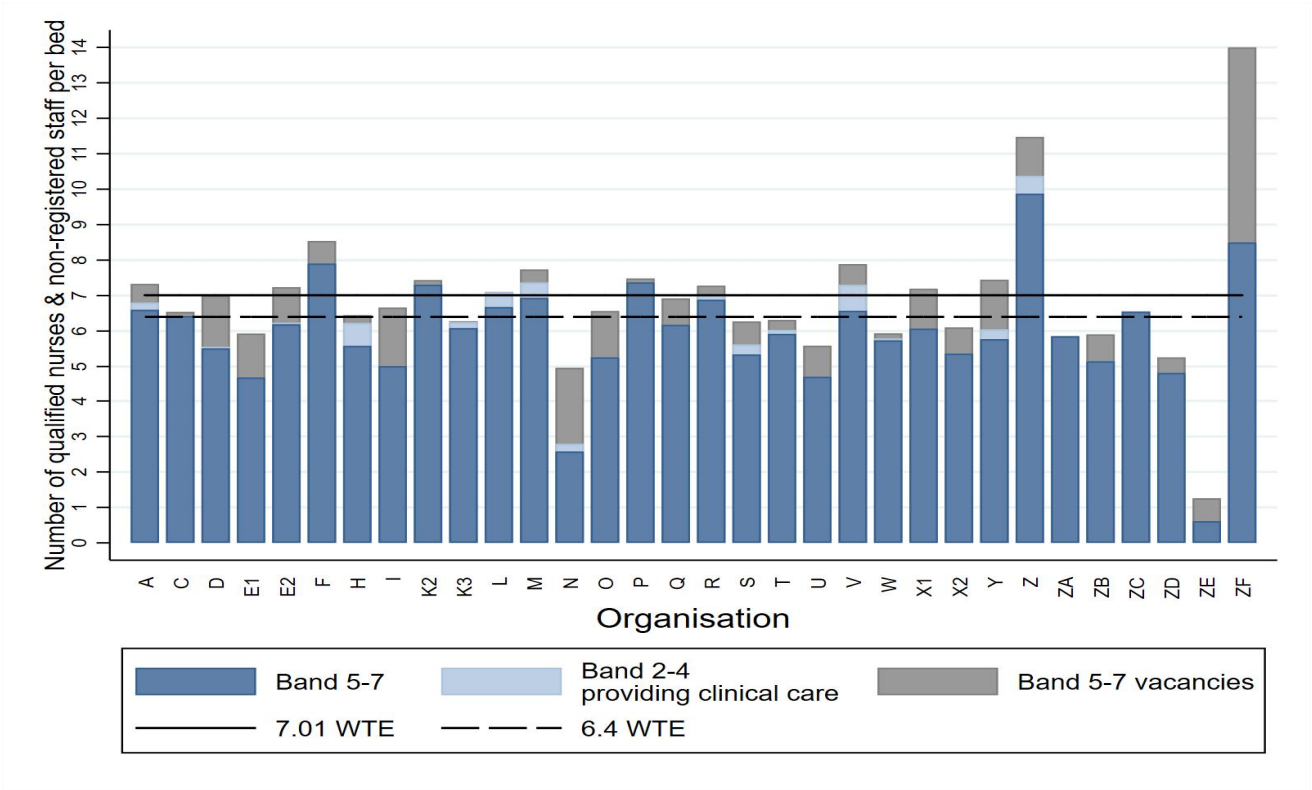
Year / Organisation	Consultant Paediatric Intensivists							Non PICM Consultants							Associate Specialists/Staff Grade						Total DCC PAs by organisation
	PICU		Transport		Other		TOTAL	PICU		Transport		Other		TOTAL	PICU		Transport		Other		
	n	(%)	n	(%)	n	(%)	n	n	(%)	n	(%)	n	(%)	n	n	(%)	n	(%)	n	(%)	n
2017																					
A	41.6	(100.0)	0.0	(0.0)	0.0	(0.0)	41.6	10.0	(100.0)	0.0	(0.0)	0.0	(0.0)	10.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
C	38.5	(92.8)	3.0	(7.2)	0.0	(0.0)	41.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
D	88.0	(71.5)	35.0	(28.5)	0.0	(0.0)	123.0	0.0	(0.0)	15.0	(100.0)	0.0	(0.0)	15.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
E1	102.5	(100.0)	0.0	(0.0)	0.0	(0.0)	102.5	16.0	(100.0)	0.0	(0.0)	0.0	(0.0)	16.0	9.0	(100.0)	0.0	(0.0)	0.0	(0.0)	9.0
E2	76.8	(100.0)	0.0	(0.0)	0.0	(0.0)	76.8	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
F	128.0	(84.2)	22.0	(14.5)	0.0	(0.0)	152.0	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
H	46.4	(100.0)	0.0	(0.0)	0.0	(0.0)	46.4	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
I	78.5	(100.0)	0.0	(0.0)	0.0	(0.0)	78.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
K2	49.5	(100.0)	0.0	(0.0)	0.0	(0.0)	49.5	5.0	(100.0)	0.0	(0.0)	0.0	(0.0)	5.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
K3	64.5	(84.3)	6.0	(7.8)	6.0	(7.8)	76.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
L	27.0	(77.1)	0.0	(0.0)	8.0	(22.9)	35.0	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
M	46.5	(72.1)	12.0	(18.6)	0.0	(0.0)	64.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
N	72.0	(100.0)	0.0	(0.0)	0.0	(0.0)	72.0	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
O	81.1	(87.0)	0.0	(0.0)	19.6	(21.0)	93.2	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
P	115.4	(88.2)	0.0	(0.0)	15.5	(11.8)	130.9	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	5.5	(100.0)	0.0	(0.0)	0.0	(0.0)	5.5
Q	92.0	(100.0)	0.0	(0.0)	0.0	(0.0)	92.0	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
R	40.0	(55.6)	32.0	(44.4)	0.0	(0.0)	72.0	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
S	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	14.0	(100.0)	0.0	(0.0)	0.0	(0.0)	14.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
T	47.5	(88.8)	0.0	(0.0)	6.0	(11.2)	53.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
U	52.5	(88.2)	0.0	(0.0)	7.0	(11.8)	59.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
V	119.7	(93.2)	0.0	(0.0)	8.7	(6.8)	128.4	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
W	54.0	(63.5)	20.0	(23.5)	11.1	(13.0)	85.1	0.0	(0.0)	6.0	(100.0)	0.0	(0.0)	6.0	2.8	(25.1)	5.2	(47.5)	3.0	(27.4)	10.9
X1	45.0	(82.5)	6.3	(11.6)	2.5	(4.6)	54.6	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
X2	41.0	(81.1)	6.3	(12.5)	0.0	(0.0)	50.6	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
Y	42.0	(77.8)	0.0	(0.0)	12.0	(22.2)	54.0	17.0	(50.0)	6.0	(17.6)	11.0	(32.4)	34.0	6.0	(60.0)	3.0	(30.0)	1.0	(10.0)	10.0
Z	42.5	(94.4)	0.0	(0.0)	2.5	(5.6)	45.0	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
ZA	112.5	(100.0)	0.0	(0.0)	0.0	(0.0)	112.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
ZB	56.0	(100.0)	0.0	(0.0)	0.0	(0.0)	56.0	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
ZC																					
ZD																					
ZE																					
ZF																					
Total	**1801.1**	**(88.0)**	**142.7**	**(7.0)**	**98.9**	**(4.8)**	**2047.1**	**62**	**(62.0)**	**27**	**(27.0)**	**11**	**(11.0)**	**100**	**23.3**	**(65.6)**	**8.2**	**(23.1)**	**4**	**(11.3)**	**35.5**
2018																					
A	41.6	(100.0)	0.0	(0.0)	0.0	(0.0)	41.6	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
C	46	(85.2)	6.4	(11.9)	0.0	(0.0)	54.0	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
D	78	(78.8)	15.0	(15.2)	6.0	(6.1)	99.0	8.0	(100.0)	0.0	(0.0)	0.0	(0.0)	8.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
E1	78.5	(100.0)	0.0	(0.0)	0.0	(0.0)	78.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
E2	133	(100.0)	0.0	(0.0)	0.0	(0.0)	133.0	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
F	60	(69.0)	27.0	(31.0)	0.0	(0.0)	87.0	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
H	53	(100.0)	0.0	(0.0)	0.0	(0.0)	53.0	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
I	78.5	(100.0)	0.0	(0.0)	0.0	(0.0)	78.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
K2	54	(100.0)	0.0	(0.0)	0.0	(0.0)	54.0	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
K3	54	(81.8)	8.0	(12.1)	4.0	(6.1)	66.0	0.0	(0.0)	4.0	(16.0)	21.0	(84.0)	25.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
L	24	(80.0)	0.0	(0.0)	6.0	(20.0)	30.0	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
M	44	(59.5)	15.0	(20.3)	0.0	(0.0)	74.0	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
N	63	(100.0)	0.0	(0.0)	0.0	(0.0)	63.0	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
O	81.3	(86.2)	0.0	(0.0)	13.1	(13.8)	94.3	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
P	118	(100.0)	0.0	(0.0)	0.0	(0.0)	118.0	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
Q	66	(100.0)	0.0	(0.0)	0.0	(0.0)	66.0	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
R	72	(100.0)	0.0	(0.0)	0.0	(0.0)	72.0	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
S	0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	14.0	(100.0)	0.0	(0.0)	0.0	(0.0)	14.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
T	47.5	(88.8)	0.0	(0.0)	6.0	(11.2)	53.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
U	53	(96.4)	0.0	(0.0)	2.0	(3.6)	55.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
V	120	(78.8)	28.5	(18.7)	0.0	(0.0)	152.3	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
W	64	(64.0)	19.5	(19.5)	9.5	(9.5)	100.0	0.0	(0.0)	5.5	(22.4)	19.0	(77.6)	24.5	1.0	(8.3)	8.5	(70.8)	2.5	(20.8)	12.0
X1	91.5	(79.2)	16.7	(14.5)	0.0	(0.0)	115.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
X2																					
Y	54	(76.1)	2.0	(2.8)	14.0	(19.7)	71.0	14.0	(77.8)	0.0	(0.0)	4.0	(22.2)	18.0	6.0	(60.0)	0.0	(0.0)	4.0	(40.0)	10.0
Z	63.5	(100.0)	0.0	(0.0)	0.0	(0.0)	63.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
ZA	112	(96.1)	4.5	(3.9)	0.0	(0.0)	116.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
ZB	34.3	(57.6)	12.0	(20.2)	13.2	(22.2)	59.5	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0	0.0	(0.0)	0.0	(0.0)	0.0	(0.0)	0.0
ZC																					
ZD																					
ZE																					
ZF																					
Total	**1784.7**	**(87.1)**	**154.6**	**(7.5)**	**73.8**	**(3.6)**	**2048.7**	**36.0**	**(40.2)**	**9.5**	**(10.6)**	**44.0**	**(49.2)**	**89.5**	**7.0**	**(31.8)**	**8.5**	**(38.6)**	**6.5**	**(29.5)**	**22.0**

Notes
1) DCC PA's - Direct Clinical Care Programmed Activities
2) PICM - Paediatric Intensive Care Medicine
3) X1 & X2 -Consultant staff work across PICU and Transport and across both sites. For 2018 the DCC PAs shared across both sites were reported
4) Organisation ZC, ZD, ZE & ZF - Consultant staff not covered by NHS job plan therefore DCC PAs are not reported

FIGURE S3 NUMBER OF CLINICALLY QUALIFIED NURSING & NON-REGISTERED STAFF PROVIDING CLINICAL CARE IN POST (WTE) PER BED BY ORGANISATION, 2018

Figure S3 figure shows the number of whole time equivalent (WTE) clinically qualified nursing staff and non-registered health care staff in post per bed presented with the recommended benchmark levels in PICS Standard L3-207 and guidance from the PICS Nurse Workforce Planning document for Level 3 Paediatric Critical Care Units, October 2016 'the minimum number of qualified nurses required to staff one level 3 critical care bed is a minimum of 7.01WTE'. L3-2017: 3 'Non-registered staff with appropriate competencies may be included in calculations of staffing levels per child requiring critical care so long as they are working under the direct supervision of a registered nurse at all times'.

The recommended level of 7.01 and the previous recommended level of 6.4 WTE per bed are shown on the figure. For 2018 units were retrospectively contacted to confirm the number (WTE) of non-registered health care staff with appropriate level competencies working under the direct supervision of a registered nurse providing clinical care.

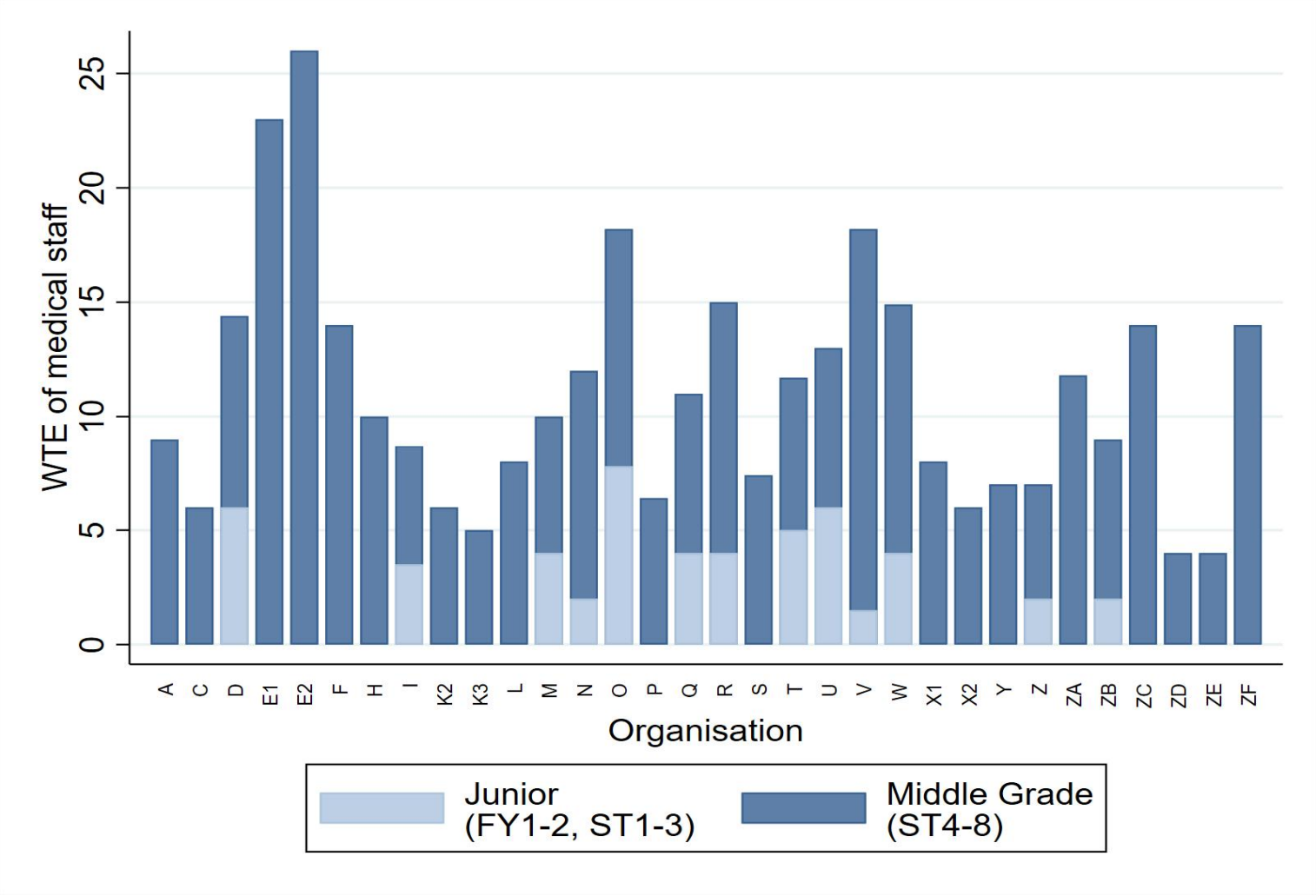


Notes

1) For 2018 organisations were retrospectively contacted to request data for the number (WTE) of band 2-4 staff providing clinical care, and this data is reported separately
2) Organisation E1 - for 2018 this organisation reported a combined PICU/NICU nurse establishment
3) Organisation ZE - core nursing staff establishment is supplemented by bank & agency staff

FIGURE S4a NUMBER OF JUNIOR AND MIDDLE GRADE MEDICAL TRAINEES BY POSITION (WTE) & ORGANISATION, 2018

Figure S4a presents the number of junior and middle grade trainees, whole time equivalents (WTE) attributed to PICU, by position and organisation for 2018. The lighter bars represent junior medical trainees and the darker bars represent middle grade trainees.



Notes

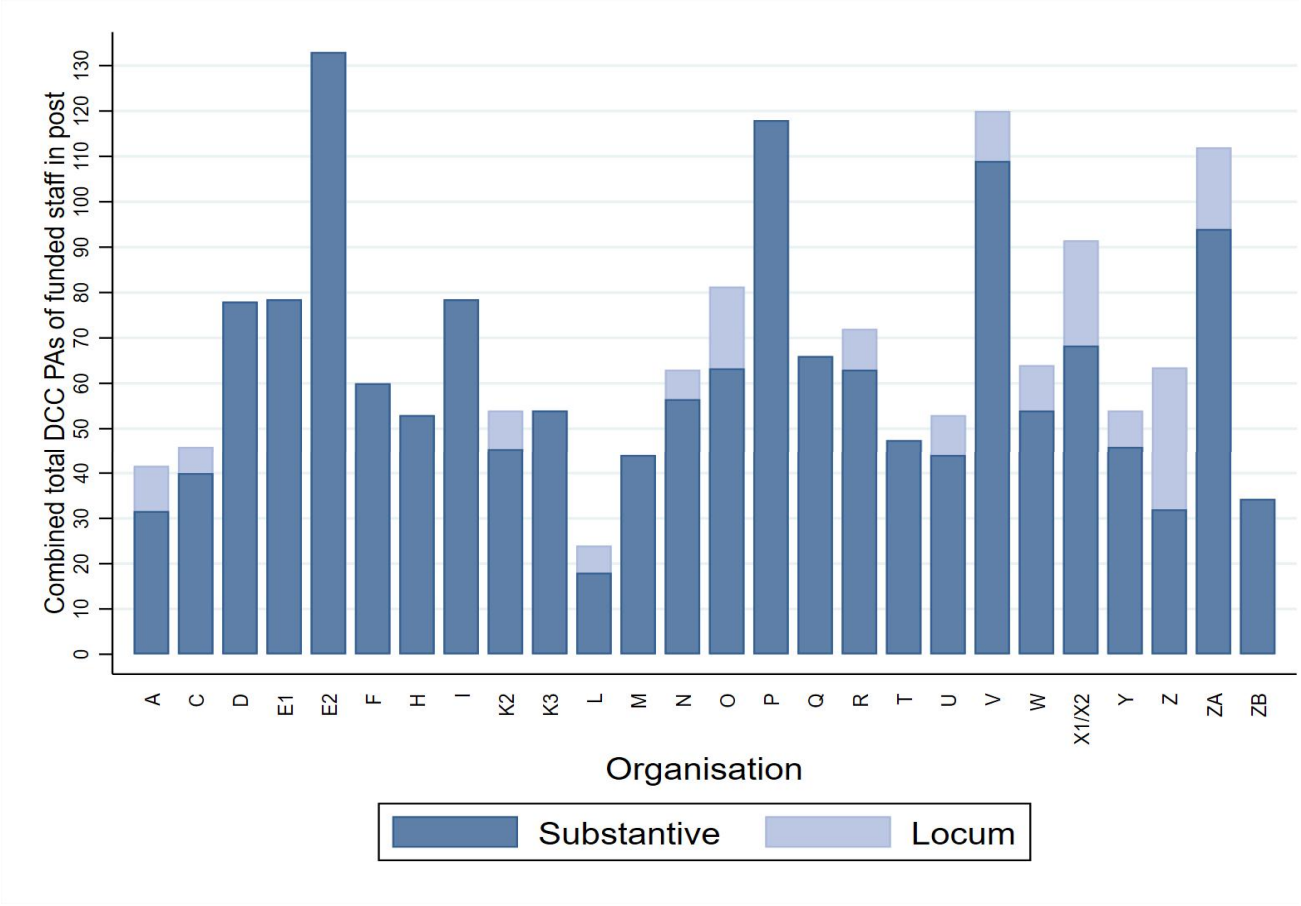
1) Organisation S: 9 ST 4-8's, cover roster for PIC, HD & general paediatrics

2) FY 1-2 = Foundation year 1-2

3) ST1-3 = Specialty trainee, years 1-3; ST4-8 = Specialty trainee, years 4-8.

FIGURE S4b COMBINED TOTAL DCC PAs PER WEEK OF CONSULTANT PAEDIATRIC INTENSIVISTS IN POST (PICU), BY ORGANISATION, 2018

Figure S4b presents the combined total direct clinical care (DCC) programmed activities (PAs) of consultant medical staff attributed to PICU, by position and organisation for 2018. The darker bars represent combined total DCC PAs of substantive staff and the lighter bars represent DCC PAs for locum staff.



Notes

1) DCC PAs - Direct Clinical Care Programmed Activities
2) Organisation S - has 14.6 WTE Non-PICM Consultants covering PIC, HD & general paediatric beds - approx. 14 PAs cover PIC beds. Therefore not included in this figure.
3) Organisation ZC, ZD, ZE and ZF - Consultant staff not covered by NHS job plan therefore are excluded from the above table

TABLE S5 PROPORTION OF NURSING STAFF WITH VALID RESUSCITATION TRAINING BY BAND, ORGANISATION AND COUNTRY, 2018

Table S5 presents the proportion of nursing staff with valid resuscitation and life support training by band, organisation and country for 2018; monitoring PICS Standard L3-206: a. Paediatric resuscitation: All staff should have basic paediatric resuscitation and life support competences and the service should have sufficient staff with advanced paediatric resuscitation and life support competences to achieve at least the minimum staffing levels (QS L3-208) and expected input to the paediatric resuscitation team (QS HW-204).

The rows shows the number of nursing staff in post in 2018 at each organisation by band, alongside the number and proportion of these nurses with basic/advanced paediatric resuscitation training.

Organisation	Band 2-4			Band 5				Band 6				Band 7				Band 8			
	No. in post	With Basic Paed. Resus. Training		No. in post	With Basic Paed. Resus. Training		With Advanced Paed. Resus. Training												
	n	n	(%)	n	n	(%)	n	(%)	n	n	(%)	n	(%)	n	(%)	n	n	(%)	n	(%)
2018																			
A	9	9	(100.0)	41	41	(100.0)	8	(19.5)	17	17	(100.0)	17	(100.0)	9	9	(100.0)	9	(100.0)	1	1	(100.0)	1	(100.0)
C	4	0	(0.0)	31	25	(80.6)	0	(0.0)	21	21	(100.0)	18	(85.7)	8	8	(100.0)	7	(87.5)	0	0	(.)	0	(.)
D	15	0	(0.0)	106	106	(100.0)	0	(0.0)	27	27	(100.0)	11	(40.7)	10	10	(100.0)	10	(100.0)	1	1	(100.0)	1	(100.0)
E1 NICU PICU	2	0	(0.0)	85	85	(100.0)	1	(1.2)	45	45	(100.0)	29	(64.4)	20	20	(100.0)	15	(75.0)	1	1	(100.0)	1	(100.0)
E2	1	0	(0.0)	68	68	(100.0)	60	(88.2)	44	44	(100.0)	44	(100.0)	10	10	(100.0)	10	(100.0)	0	0	(.)	0	(.)
F	7	0	(0.0)	79	79	(100.0)	0	(0.0)	56	56	(100.0)	20	(35.7)	41	41	(100.0)	31	(75.6)	11	11	(100.0)	8	(72.7)
H	11	0	(0.0)	28	23	(82.1)	0	(0.0)	32	32	(100.0)	20	(62.5)	7	7	(100.0)	7	(100.0)	1	1	(100.0)	1	(100.0)
I	3	0	(0.0)	58	38	(65.5)	20	(34.5)	19	19	(100.0)	19	(100.0)	11	11	(100.0)	11	(100.0)	0	0	(.)	0	(.)
K2	7	7	(100.0)	82	32	(39.0)	0	(0.0)	13	13	(100.0)	0	(0.0)	6	6	(100.0)	0	(0.0)	0	0	(.)	0	(.)
K3	2	2	(100.0)	67	67	(100.0)	0	(0.0)	12	12	(100.0)	12	(100.0)	8	8	(100.0)	8	(100.0)	1	1	(100.0)	0	(0.0)
L	7	0	(0.0)	34	30	(88.2)	7	(20.6)	12	12	(100.0)	12	(100.0)	5	5	(100.0)	5	(100.0)	1	1	(100.0)	0	(0.0)
M	5	0	(0.0)	54	54	(100.0)	4	(7.4)	23	23	(100.0)	23	(100.0)	10	10	(100.0)	9	(90.0)	0	0	(.)	0	(.)
N	4	0	(0.0)	44	44	(100.0)	6	(13.6)	26	26	(100.0)	26	(100.0)	7	7	(100.0)	7	(100.0)	2	2	(100.0)	2	(100.0)
O	0	0	(.)	50	46	(92.0)	1	(2.0)	40	27	(67.5)	17	(42.5)	16	10	(62.5)	8	(50.0)	1	1	(100.0)	1	(100.0)
P	2	0	(0.0)	110	89	(80.9)	1	(0.9)	48	42	(87.5)	32	(66.7)	13	8	(61.5)	13	(100.0)	1	1	(100.0)	1	(100.0)
Q	0	0	(.)	39	39	(100.0)	0	(0.0)	30	30	(100.0)	0	(0.0)	12	12	(100.0)	12	(100.0)	1	1	(100.0)	1	(100.0)
R	8	8	(100.0)	89	89	(100.0)	22	(24.7)	20	20	(100.0)	19	(95.0)	10	10	(100.0)	9	(90.0)	0	0	(.)	0	(.)
S	2	2	(100.0)	17	17	(100.0)	2	(11.8)	12	12	(100.0)	12	(100.0)	1	1	(100.0)	0	(0.0)	0	0	(.)	0	(.)
T	8	7	(87.5)	33	26	(78.8)	1	(3.0)	21	21	(100.0)	7	(33.3)	8	8	(100.0)	7	(87.5)	2	2	(100.0)	2	(100.0)
U	0	0	(.)	25	11	(44.0)	0	(0.0)	17	12	(70.6)	10	(58.8)	6	6	(100.0)	6	(100.0)	1	1	(100.0)	1	(100.0)
V	23	23	(100.0)	191	186	(97.4)	7	(3.7)	40	38	(95.0)	31	(77.5)	11	11	(100.0)	9	(81.8)	3	3	(100.0)	2	(66.7)
W	2	2	(100.0)	98	98	(100.0)	98	(100.0)	18	18	(100.0)	16	(88.9)	6	6	(100.0)	6	(100.0)	1	1	(100.0)	1	(100.0)
X1	4	4	(100.0)	29	29	(100.0)	0	(0.0)	14	14	(100.0)	14	(100.0)	7	7	(100.0)	7	(100.0)	0	0	(.)	0	(.)
X2	5	4	(80.0)	22	21	(95.5)	2	(9.1)	13	12	(92.3)	13	(100.0)	5	5	(100.0)	5	(100.0)	0	0	(.)	0	(.)
Y	11	11	(100.0)	60	40	(66.7)	20	(33.3)	18	0	(0.0)	18	(100.0)	12	0	(0.0)	12	(100.0)	0	0	(.)	0	(.)
Z	3	3	(100.0)	14	14	(100.0)	5	(35.7)	12	12	(100.0)	6	(50.0)	7	6	(85.7)	3	(42.9)	1	1	(100.0)	1	(100.0)
ZA	12	11	(91.7)	132	132	(100.0)	0	(0.0)	25	25	(100.0)	5	(20.0)	7	7	(100.0)	5	(71.4)	0	0	(.)	0	(.)
ZB	3	0	(0.0)	56	56	(100.0)	6	(10.7)	17	17	(100.0)	9	(52.9)	5	5	(100.0)	3	(60.0)	0	0	(.)	0	(.)
ZC	0	0	(.)	137	131	(95.6)	5	(3.6)	0	0	(.)	0	(.)	24	12	(50.0)	12	(50.0)	2	1	(50.0)	1	(50.0)
ZD	2	0	(0.0)	49	49	(100.0)	14	(28.6)	0	0	(.)	0	(.)	7	7	(100.0)	7	(100.0)	1	1	(100.0)	0	(0.0)
ZE	0	0	(.)	12	12	(100.0)	5	(41.7)	2	2	(100.0)	2	(100.0)	6	6	(100.0)	6	(100.0)	1	1	(100.0)	1	(100.0)
ZF	0	0	(.)	6	6	(100.0)	6	(100.0)	6	6	(100.0)	6	(100.0)	1	1	(100.0)	1	(100.0)	0	0	(.)	0	(.)
Total	**162**	**93**	**(57.4)**	**1946**	**1783**	**(91.6)**	**301**	**(15.5)**	**700**	**655**	**(93.6)**	**468**	**(66.9)**	**316**	**280**	**(88.6)**	**260**	**(82.3)**	**34**	**33**	**(97.1)**	**26**	**(76.5)**
England Total	**130**	**71**	**(54.6)**	**1481**	**1350**	**(91.2)**	**256**	**(17.3)**	**619**	**592**	**(95.6)**	**418**	**(67.5)**	**253**	**241**	**(95.3)**	**214**	**(84.6)**	**31**	**31**	**(100.0)**	**25**	**(80.6)**
Wales Total	**4**	**0**	**(0.0)**	**31**	**25**	**(80.6)**	**0**	**(0.0)**	**21**	**21**	**(100.0)**	**18**	**(85.7)**	**8**	**8**	**(100.0)**	**7**	**(87.5)**	**0**	**0**	**(.)**	**0**	**(.)**
Scotland Total	**23**	**22**	**(95.7)**	**192**	**172**	**(89.6)**	**20**	**(10.4)**	**43**	**25**	**(58.1)**	**23**	**(53.5)**	**19**	**7**	**(36.8)**	**17**	**(89.5)**	**0**	**0**	**(.)**	**0**	**(.)**
NI Total	**3**	**0**	**(0.0)**	**56**	**56**	**(100.0)**	**56**	**(100.0)**	**17**	**17**	**(100.0)**	**17**	**(100.0)**	**5**	**5**	**(100.0)**	**5**	**(100.0)**	**0**	**0**	**(.)**	**0**	**(.)**
ROI Total	**2**	**0**	**(0.0)**	**186**	**180**	**(96.8)**	**180**	**(96.8)**	**0**	**0**	**(.)**	**0**	**(.)**	**31**	**19**	**(61.3)**	**19**	**(61.3)**	**3**	**2**	**(66.7)**	**2**	**(66.7)**

Notes

1) NI = Northern Ireland; ROI = Republic of Ireland

2) (.) = percentage cannot be calculated as the denominator equals 0

3) Paed. = paediatric; Resus. = resuscitation

TABLE S7 TOTAL NUMBER OF QUALIFIED NURSES IN POST BY BAND & PROPORTION BY QUALIFICATION & TRAINING, 2016-2018

Table S7 show the number of qualified nurses in post with specific qualifications and training, alongside percentages, by band, for each year of the reporting period. Percentages are calculated out of the total number of nurses for each band and year.

Year / Band	Qualified nurses in post		With childrens training		With additional PIC qualification		With basic paed. resus. training		With advanced resus. training	
	WTE	n	n	(%)	n	(%)	n	(%)	n	(%)
2016										
Band 5	1632.7	1,930	1,743	(90.3)	691	(35.8)	1,702	(88.2)	363	(18.8)
Band 6	527.0	653	618	(94.6)	602	(92.2)	553	(84.7)	317	(48.5)
Band 7	238.7	291	283	(97.3)	278	(95.5)	253	(86.9)	209	(71.8)
Band 8	25.9	31	28	(90.3)	28	(90.3)	26	(83.9)	18	(58.1)
Total	**2424.4**	**2,905**	**2,672**	**(92.0)**	**1,599**	**(55.0)**	**2,534**	**(87.2)**	**907**	**(31.2)**
2017										
Band 5	1620.8	1,891	1,552	(82.1)	648	(34.3)	1,597	(84.5)	578	(30.6)
Band 6	504.2	681	639	(93.8)	620	(91.0)	576	(84.6)	420	(61.7)
Band 7	246.5	319	297	(93.1)	309	(96.9)	256	(80.3)	273	(85.6)
Band 8	28.5	30	29	(96.7)	30	(100.0)	25	(83.3)	22	(73.3)
Total	**2400**	**2,921**	**2,517**	**(86.2)**	**1,607**	**(55.0)**	**2,454**	**(84.0)**	**1,293**	**(44.3)**
2018										
Band 5	1715.6	1,946	1,720	(88.4)	684	(35.1)	1,783	(91.6)	301	(15.5)
Band 6	547.6	700	641	(91.6)	657	(93.9)	655	(93.6)	468	(66.9)
Band 7	258.7	316	309	(97.8)	302	(95.6)	280	(88.6)	260	(82.3)
Band 8	31.7	34	34	(100.0)	33	(97.1)	33	(97.1)	26	(76.5)
Total	**2553.6**	**2,996**	**2,704**	**(90.3)**	**1,676**	**(55.9)**	**2,751**	**(91.8)**	**1,055**	**(35.2)**

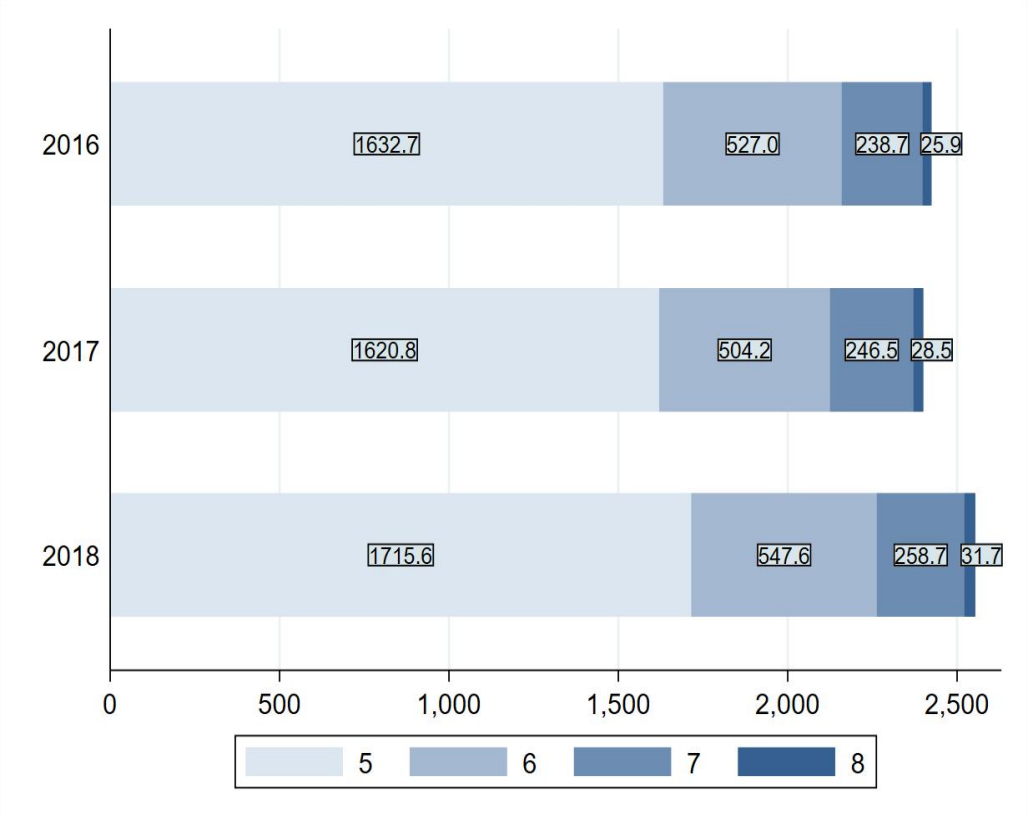
Notes

1) Paed. = paediatric

2) Resus. = resuscitation

FIGURE S7 TOTAL NUMBER OF WHOLE TIME EQUIVALENT QUALIFIED NURSES IN POST BY BAND, 2016 - 2018

Figure S7 show the number of whole time equivalent nurses in post, by band, for each year of the reporting period.



Notes

1) Paed. = paediatric

2) Resus. = resuscitation

TABLE S8 NUMBER OF ADVANCED PRACTICE PRACTITIONERS (APP) IN POST BY BAND & ORGANISATION, NOV 2016-2018

Table S8 presents the numbers and whole time equivalent (WTE) of advanced practice practitioners (APP) in post by band and organisation, 2016-2018. Data were returned from all organisations and is presented here for those with APPs in employment and/or training during the specified year. APLS refers to an advanced paediatric life support qualification.

	BAND 7								BAND 8								OTHER			TOTAL	
Year / Organisation	Band 7 Establishment WTE	No. of persons in post	Combined WTE	No. educated to Masters level	No. in training	% of WTE attributed to Nursing rota	% of WTE attributed Medical rota	No. with valid APLS training or equiv.	Band 8 Establishment WTE	No. of persons in post	Combined WTE	No. educated to Masters level	No. in training	% of WTE attributed to Nursing rota	% of WTE attributed Medical rota	No. with valid APLS training or equiv.	No. of persons in post	No. in training	Combined WTE	No. of persons in post	No. in training
2016																					
A	0.0	3	2.6	3	1	(100.0)	(0.0)	3	0.0	0	0.0	0	0	(0.0)	(0.0)	0	0	0	0.0	3	1
C	0.0	0	0.0	0	0	(0.0)	(0.0)	0	1.9	2	1.9	2	0	(0.0)	(100.0)	2	1	1	1.0	3	1
D	0.0	0	0.0	0	0	(0.0)	(0.0)	0	6.0	6	6.0	6	1	(0.0)	(100.0)	5	0	0	0.0	6	1
E2	2.0	2	2.0	2	0	(50.0)	(0.0)	2	0.0	0	0.0	0	0	(0.0)	(0.0)	0	0	0	0.0	2	0
F	0.0	1	0.3	0	1	(0.0)	(0.0)	0	5.1	10	4.1	8	0	(50.0)	(0.0)	12	0	0	0.0	11	1
H	0.0	1	1.0	2	1	(0.0)	(0.0)	3	0.0	0	0.0	0	0	(0.0)	(0.0)	0	0	0	0.0	1	1
I	0.0	0	0.0	0	0	(0.0)	(0.0)	0	4.0	3	3.0	1	1	(0.0)	(0.0)	4	0	0	0.0	3	1
K2	0.0	0	0.0	0	0	(0.0)	(0.0)	0	0.0	0	0.0	0	0	(0.0)	(0.0)	0	2	2	2.0	2	2
N	0.0	0	0.0	0	0	(0.0)	(0.0)	0	1.0	1	1.0	1	0	(0.0)	(80.0)	1	0	0	0.0	1	0
O	3.0	3	2.8	0	3	(19.0)	(75.0)	3	0.0	0	0.0	0	0	(0.0)	(0.0)	0	0	0	0.0	3	3
P	0.0	0	0.0	0	0	(0.0)	(0.0)	0	4.0	4	4.0	4	0	(0.0)	(83.0)	2	0	0	0.0	4	0
Q	0.0	3	3.0	0	3	(20.0)	(80.0)	3	3.0	3	0.0	3	0	(20.0)	(80.0)	3	0	0	0.0	6	3
R	0.0	1	1.0	1	1	(0.0)	(0.0)	1	2.0	1	1.0	1	0	(20.0)	(80.0)	1	0	0	0.0	2	1
V	2.0	2	2.0	0	2	(20.0)	(80.0)	2	9.0	9	8.8	9	0	(0.0)	(100.0)	9	0	0	0.0	11	2
W	3.0	3	3.0	2	3	(100.0)	(0.0)	3	0.0	0	0.0	0	0	(0.0)	(0.0)	0	1	1	1.0	4	4
X1	0.0	0	0.0	0	0	(0.0)	(0.0)	0	4.0	4	4.0	0	1	(0.0)	(100.0)	2	0	0	0.0	4	1
Y	2.0	2	2.0	0	2	(0.0)	(100.0)	0	4.0	4	4.0	4	0	(100.0)	(0.0)	4	0	0	0.0	6	2
ZA	0.0	1	1.0	0	1	(0.0)	(0.0)	0	2.0	2	2.0	2	0	(0.0)	(100.0)	2	0	0	0.0	3	1
Total	**12.0**	**22**	**20.7**	**10**	**18**			**20**	**46.0**	**49**	**39.8**	**41**	**3**			**47**	**4**	**4**	**4.0**	**75**	**25**
2017																					
C	0.0	1	1.0	0	1	(0.0)	(0.0)	0	1.9	2	1.9	2	0	(0.0)	(100.0)	2	0	0	0.0	3	1
D	1.0	1	1.0	0	1	(0.0)	(100.0)	1	4.0	4	4.0	4	0	(0.0)	(100.0)	4	0	0	0.0	5	1
E2	3.0	3	3.0	0	3	(20.0)	(80.0)	3	2.0	2	2.0	2	0	(20.0)	(80.0)	2	0	0	0.0	5	3
F	0.0	2	1.0	0	2	(100.0)	(0.0)	2	7.1	12	6.4	8	0	(20.0)	(80.0)	12	0	0	0.0	14	2
H	0.0	1	1.0	0	1	(0.0)	(0.0)	0	0.0	0	0.0	0	0	(0.0)	(0.0)	0	0	0	0.0	0	1
I	0.0	2	2.0	0	2	(0.0)	(0.0)	2	5.0	3	3.0	1	0	(0.0)	(100.0)	3	0	0	0.0	5	2
K2	2.0	2	2.0	1	0	(0.0)	(100.0)	2	0.0	0	0.0	0	0	(0.0)	(0.0)	0	0	0	0.0	2	0
K3	1.0	1	1.0	1	0	(0.0)	(100.0)	1	0.0	0	0.0	0	0	(0.0)	(0.0)	0	0	0	0.0	1	0
N	0.0	0	0.0	0	0	(0.0)	(0.0)	0	1.0	1	1.0	0	1	(0.0)	(100.0)	1	0	0	0.0	1	1
O	3.0	3	3.0	0	3	(20.0)	(70.0)	3	0.0	0	0.0	0	0	(0.0)	(0.0)	0	0	0	0.0	3	3
P	1.0	1	1.0	0	1	(50.0)	(0.0)	1	4.0	3	2.4	4	0	(0.0)	(80.0)	3	0	0	0.0	4	1
Q	0.0	2	2.0	0	2	(20.0)	(80.0)	2	1.0	4	4.0	4	0	(20.0)	(80.0)	4	0	0	0.0	6	2
R	0.0	0	0.0	0	0	(0.0)	(0.0)	0	3.0	3	3.0	1	2	(20.0)	(80.0)	3	0	0	0.0	3	2
V	2.0	4	4.0	0	4	(0.0)	(100.0)	4	8.8	8	7.8	8	0	(0.0)	(100.0)	7	0	0	0.0	12	4
W	0.0	0	0.0	0	0	(0.0)	(0.0)	0	3.0	3	3.0	1	0	(0.0)	(100.0)	3	0	0	0.0	3	0
X1	1.5	2	2.0	0	2	(50.0)	(50.0)	1	3.9	4	3.9	2	0	(0.0)	(100.0)	4	0	0	0.0	6	2
Y	1.0	1	1.0	0	1	(0.0)	(100.0)	1	5.0	5	5.0	5	0	(0.0)	(100.0)	5	0	0	0.0	6	1
ZA	0.0	1	1.0	0	1	(0.0)	(100.0)	1	4.0	2	2.0	2	0	(0.0)	(85.0)	2	1	1	1.0	4	2
Total	**15.5**	**27**	**26**	**2**	**24**			**24**	**53.8**	**56**	**49.49**	**44**	**3**			**55**	**1**	**1**	**1.0**	**83**	**28**
2018																					
C	0.0	0	0.0	0	0	(0.0)	(0.0)	0	3.0	3	3.0	3	0	(0.0)	(100.0)	3	0	0	0.0	3	0
D	4.0	4	4.0	4	4	(0.0)	(100.0)	4	5.0	5	5.0	5	0	(0.0)	(100.0)	5	0	0	0.0	9	4
E2	0.0	0	0.0	0	0	(0.0)	(0.0)	0	2.0	2	2.0	2	0	(0.0)	(100.0)	2	3	3	3.0	2	2
F	4.0	4	4.0	0	4	(100.0)	(0.0)	4	10.0	11	6.7	8	4	(10.0)	(90.0)	11	0	0	0.0	15	8
I	0.0	0	0.0	0	0	(0.0)	(0.0)	0	5.0	4	4.0	1	0	(0.0)	(100.0)	4	0	0	0.0	4	0
K2	0.0	0	0.0	0	0	(0.0)	(0.0)	0	2.0	2	2.0	2	0	(0.0)	(100.0)	2	0	0	0.0	2	0
K3	0.0	0	0.0	0	0	(0.0)	(0.0)	0	1.0	1	1.0	1	0	(0.0)	(100.0)	0	0	0	0.0	3	0
N	0.0	0	0.0	0	1	(100.0)	(0.0)	1	1.0	1	1.0	1	0	(0.0)	(100.0)	1	0	0	0.0	1	1
O	0.0	0	0.0	0	0	(0.0)	(0.0)	0	3.0	3	3.0	0	0	(20.0)	(70.0)	3	0	0	0.0	3	0
P	1.0	1	1.0	0	1	(50.0)	(0.0)	1	4.0	3	2.4	3	0	(0.0)	(80.0)	3	0	0	0.0	4	1
Q	0.0	0	0.0	0	0	(0.0)	(0.0)	0	6.0	6	5.8	6	0	(0.0)	(100.0)	6	0	0	0.0	6	0
R	0.0	1	1.0	1	1	(0.0)	(50.0)	1	3.0	1	1.0	1	0	(0.0)	(100.0)	1	0	0	0.0	2	1
V	2.0	2	2.0	0	2	(0.0)	(100.0)	2	7.8	9	7.8	9	0	(0.0)	(100.0)	9	0	0	0.0	11	2
W	0.0	0	0.0	0	0	(0.0)	(0.0)	0	3.0	3	3.0	1	0	(0.0)	(100.0)	3	0	0	0.0	3	0
X1	0.0	0	0.0	0	0	(0.0)	(0.0)	0	4.0	4	4.0	2	0	(0.0)	(100.0)	4	0	0	0.0	4	0
Y	0.0	0	0.0	0	0	(0.0)	(0.0)	0	6.0	6	6.0	6	0	(0.0)	(100.0)	6	0	0	0.0	6	0
ZA	0.0	0	0.0	0	0	(0.0)	(0.0)	0	1.0	1	1.0	1	0	(0.0)	(100.0)	1	0	0	0.0	1	0
Total	**11.0**	**12**	**12**	**5**	**13**			**13**	**66.8**	**65**	**58.71**	**52**	**4**			**64**	**3**	**3**	**3.0**	**79**	**19**

Notes

1) Data were returned from all units and is presented here for units with APPs in employment and/or training during the 3 years reported
2) Organisation H - in 2017 two qualified APPs working as Band 7 nurses and one in training, no funding available for APP posts
3) Organisation K - 3 APPs rota in 2 units
4) Organisation P - band 8 APPs allocated 20% research time

FIGURE S9 THE NUMBER OF NURSES ON DUTY (AND OFF SICK) & PROVIDING CARE BY THE RECOMMENDED PATIENT DEPENDENCY LEVELS AT SPECIFIED TIMES, 2018

Figure S9a-d reports the actual number of nurses on duty in the organisation at each of the specified times and the recommended number of nurses required for the number and given dependency of the patients, according to the PICS Standards and the Paediatric Critical Care Healthcare resource Group classification levels 1, 2 and 3 critical care: level 1 Basic critical care, level 2 Intermediate critical care, also known as high dependency, requiring nurse:patient ratio of 1:2, level 3 critical care requiring nurse to patient ratio of 1:1.

Details are collected by counts at specific times, midday and midnight, therefore reported staffing levels may be affected by planned workload later in the reported time period, for example relative overstaffing noted in some units at midday on Wednesday may be due to awaited elective surgical admissions.

FIGURE S9a LOG A: MIDDAY ON WEDNESDAY 21 NOVEMBER 2018

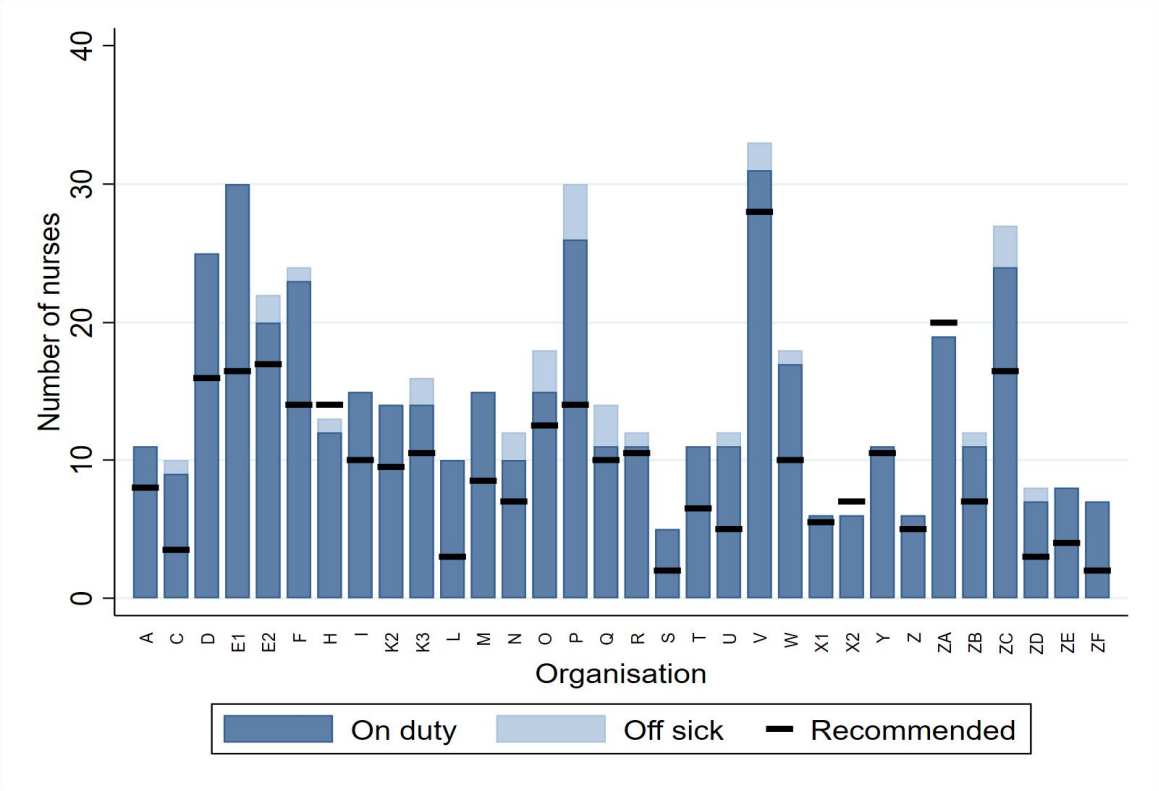


FIGURE S9b LOG B: MIDNIGHT ON WEDNESDAY 21 NOVEMBER 2018

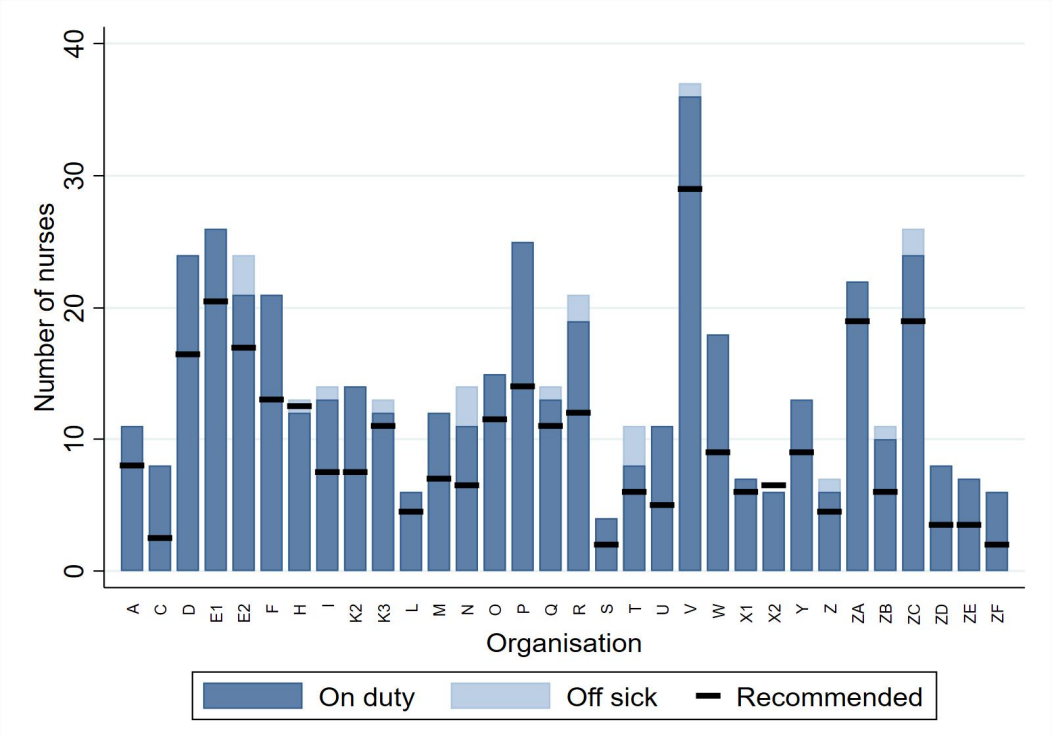


FIGURE S9c LOG C: MIDDAY ON SUNDAY 25 NOVEMBER 2018

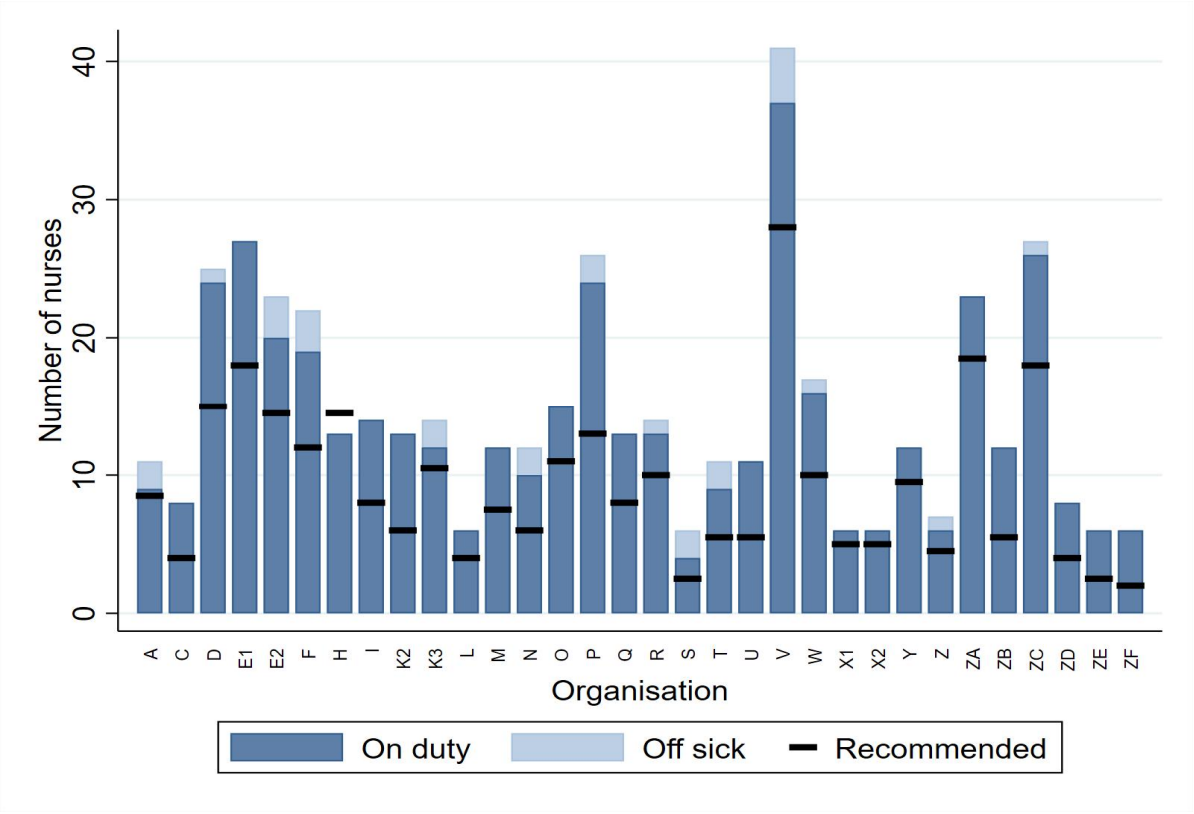
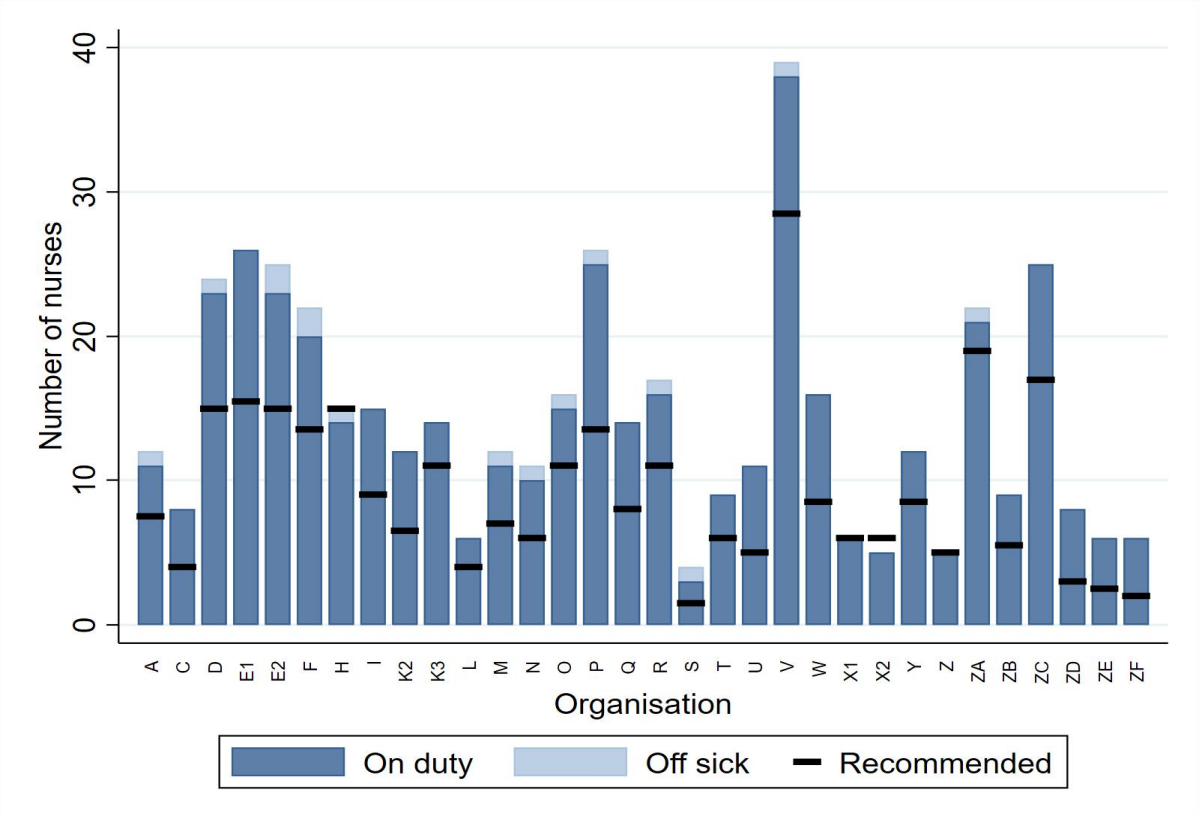


FIGURE S9d LOG D: MIDNIGHT ON SUNDAY 25 NOVEMBER 2018



Notes

1) The recommended bar shows the number of nurses required to provide care to meet the patient dependency levels at the specific time.

FIGURE S10 CONSULTANT AVAILABILITY AT SPECIFIED TIMES, 2018

Figures S10a-d report Consultant availability at specified times, monitoring PICS Standard L3-201: The following consultant staff should be available:
i: 'Normal working hours': At least one consultant for up to 12 beds for children needing level 3 critical care and for each subsequent 12 beds.
ii: 'Outside normal working hours': At least one consultant for up to 20 critical care beds and for each subsequent 20 beds.
All consultants should have regular day time commitments on the unit.

The four figures show the number of consultants on duty and on call at midday and midnight on a weekday and at a weekend; and the recommended number required in order to meet Standard L3-201.

FIGURE S10a LOG A: MIDDAY ON WEDNESDAY 21 NOVEMBER 2018

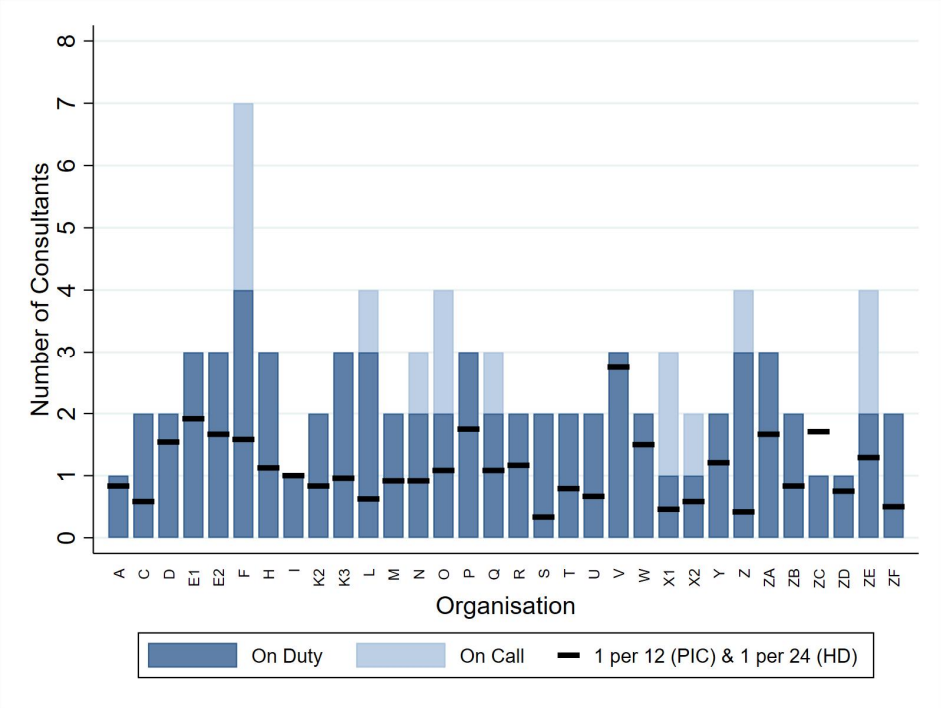


FIGURE S10b LOG B: MIDNIGHT ON WEDNESDAY 21 NOVEMBER 2018

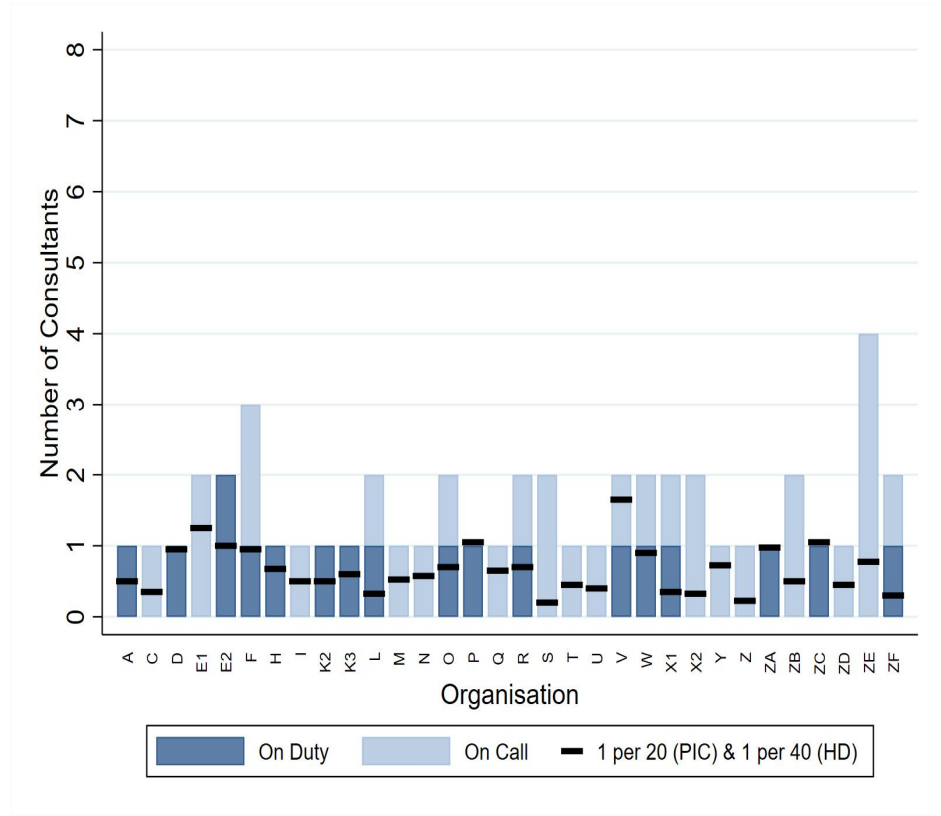


FIGURE S10c LOG C: MIDDAY ON SUNDAY 25 NOVEMBER 2018

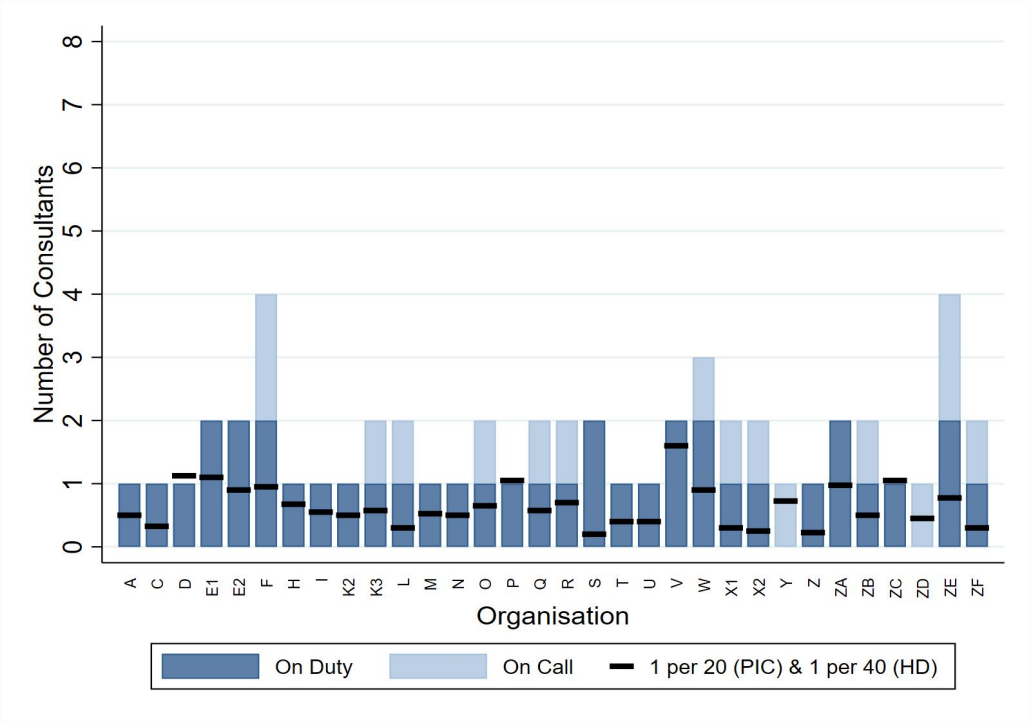
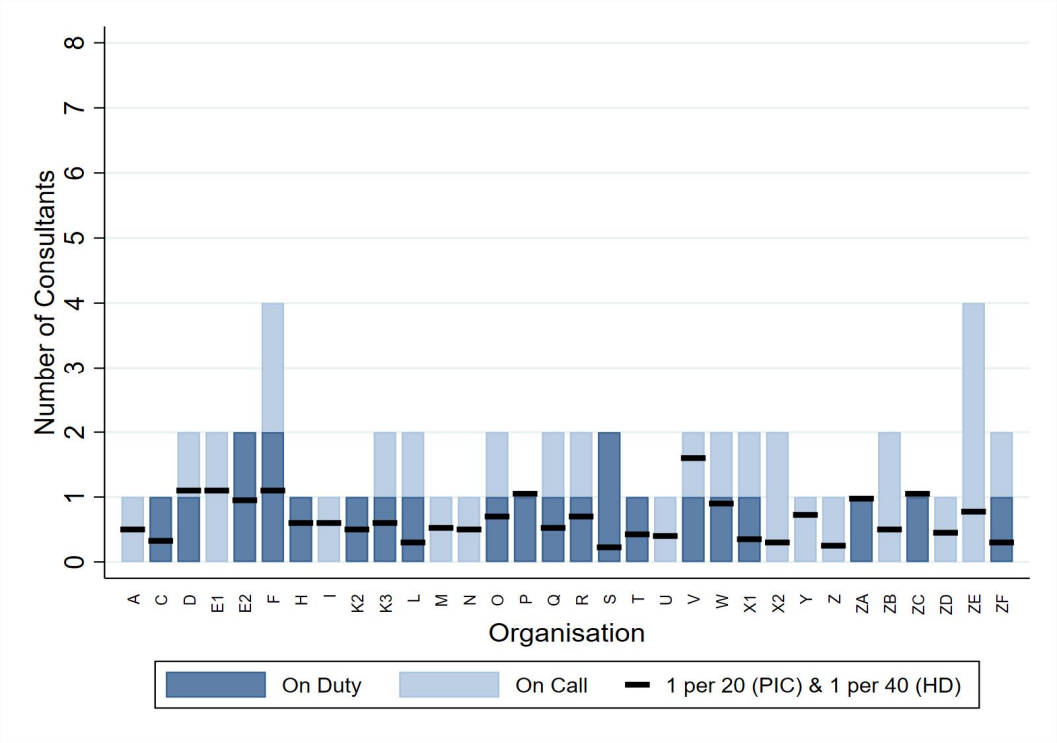


FIGURE S10d LOG D: MIDNIGHT ON SUNDAY 25 NOVEMBER 2018



Notes

1) PIC = Paediatric intensive care

2) HD = High dependency; also known as Level 2 Intermediate critical care

FIGURE S11 NUMBER OF ST4 TRAINEES OR ABOVE GRADE DOCTORS OR EQUIVALENT ON DUTY AT MIDDDAY ON A WEEKDAY, NOV 2017

Figure S11a reports the number of ST4 or above grade medical trainees or equivalent grade doctors, including Advance Practice Practitioners (APPs) on duty at midday on a weekday, monitoring the PICS Standard 158 (2010): During normal working hours one medical trainee or equivalent grade doctor should not normally be allocated more than five patients. The figure shows the actual number of medical trainees and APP's on duty at midday on Wednesday 21st November and the recommended number required to meet PICS Standard 158. The number of beds is the total number of open and occupied beds within the organisation for which PICANet receives admission event data.

FIGURE S11a: LOG A - MIDDAY ON WEDNESDAY 21ST NOVEMBER 2018

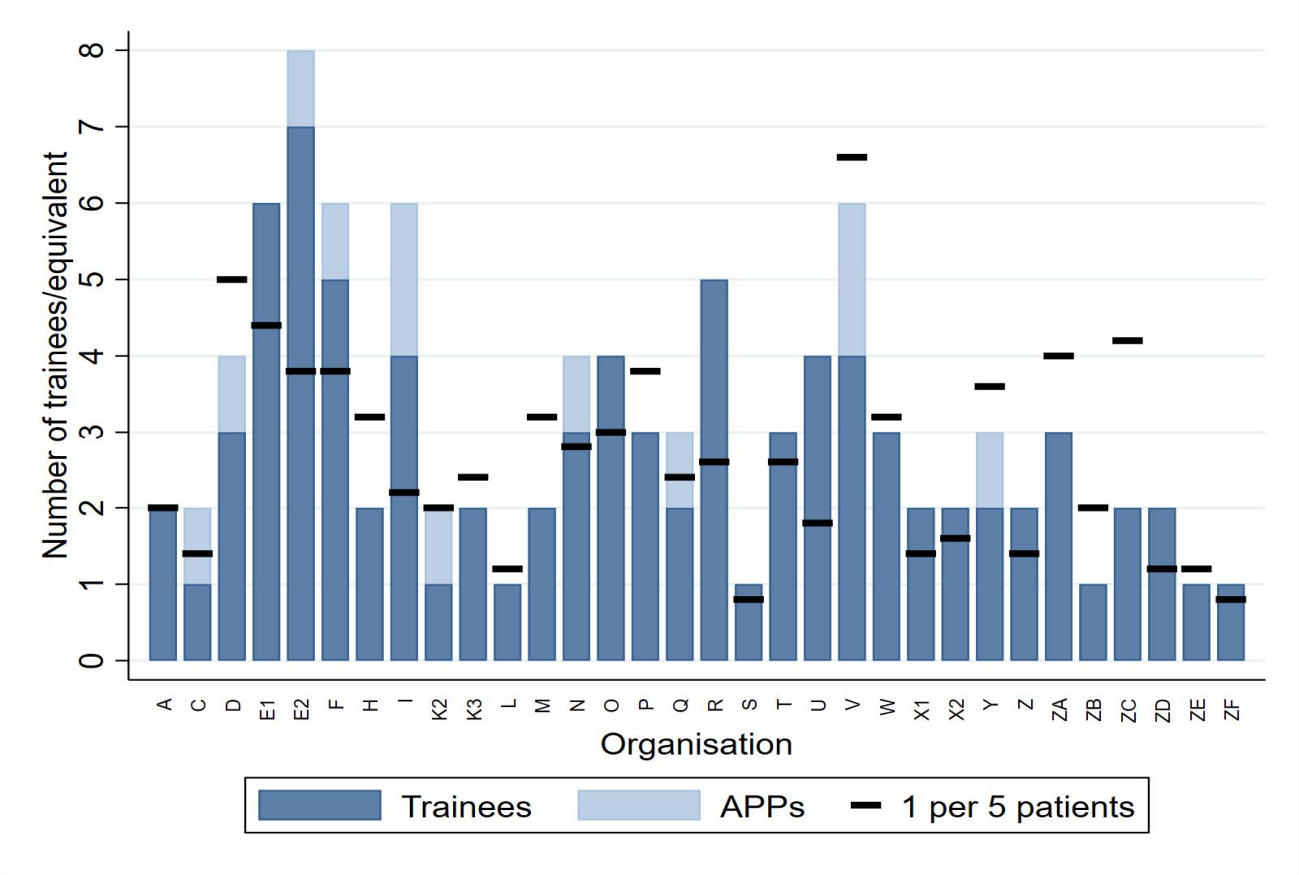


FIGURE S12 NUMBER OF ST4 TRAINEES OR ABOVE GRADE DOCTORS OR EQUIVALENT ON DUTY OUTSIDE NORMAL WORKING HOURS, 2018

Figures S12b, c and d report the number of ST4 or above grade medical trainees or equivalent doctors including Advanced Practice Practitioners (APPs), on duty outside normal working hours, monitoring the PICS Standard 159 (2010): Outside normal working hours, for every eight PICU beds there should be at least one ST4 or above grade doctor available to the unit at all times. The three figures show the number of ST4 or above grade doctors or equivalent (excluding consultant staff) on duty at midnight on a weekday and at midday and midnight at a weekend; and the recommended number required in order to meet Standard 159.

FIGURE S12b LOG B: MIDNIGHT ON WEDNESDAY 21 NOVEMBER 2018

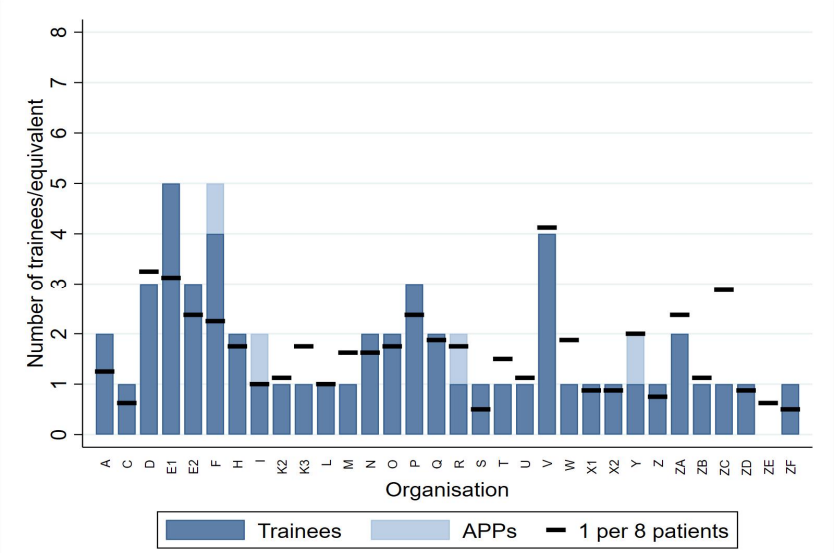


FIGURE S12c LOG C: MIDDAY ON SUNDAY 25 NOVEMBER 2018

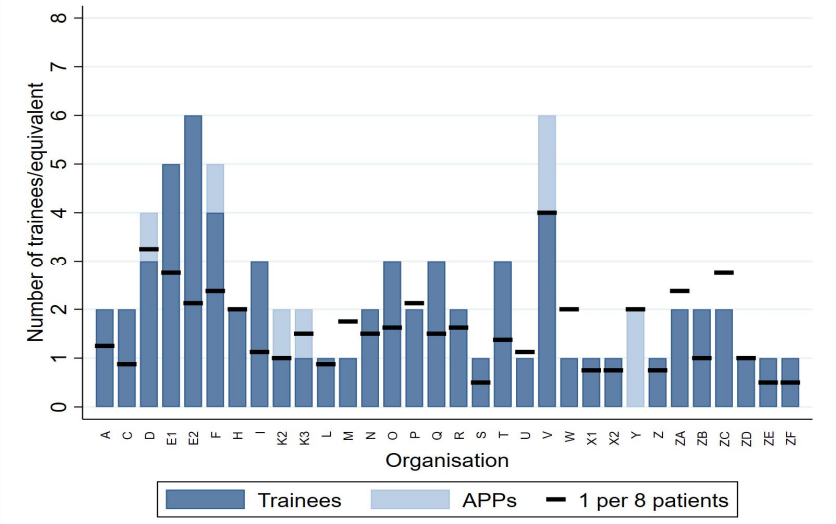


FIGURE S12d LOG D: MIDNIGHT ON SUNDAY 25 NOVEMBER 2018

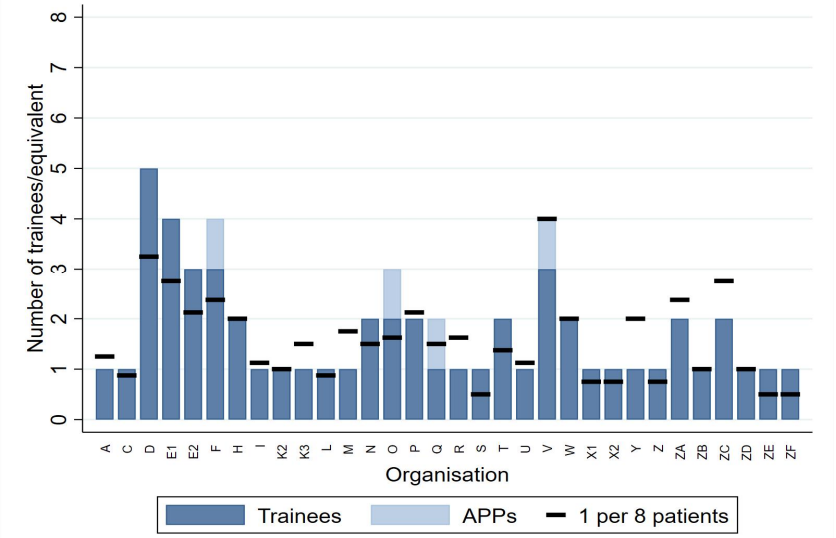


FIGURE S13 LEVELS OF CARE, NUMBER OF NURSES, AND MEDICAL STAFF AT SPECIFIED TIMES, 2018

Figure S13a-d show the levels of care being delivered to the number of patients on each unit at midday and midnight on a weekday and weekend. The number and band of the nursing staff and the number and grade of the medical staff on duty and on call are also shown. Details are collected by counts at the specified times, therefore reported staffing levels may be affected by planned workload later in the reported time period. The number of patients on the unit is the number reported on the unit at the specified time and for whom PICANet receives admission event data.

The left hand figure shows the number of patients receiving each level of care (Level 1, 2, 3) on each of the PICUs at the given timepoint. The middle graph shows the number of nursing staff by band (grade) on duty and on call at the given timepoint. The right hand graph shows the number of medical staff at each grade on duty and on call at the given timepoint.

FIGURE S13a LOG A: MIDDAY ON WEDNESDAY 21 NOVEMBER 2018

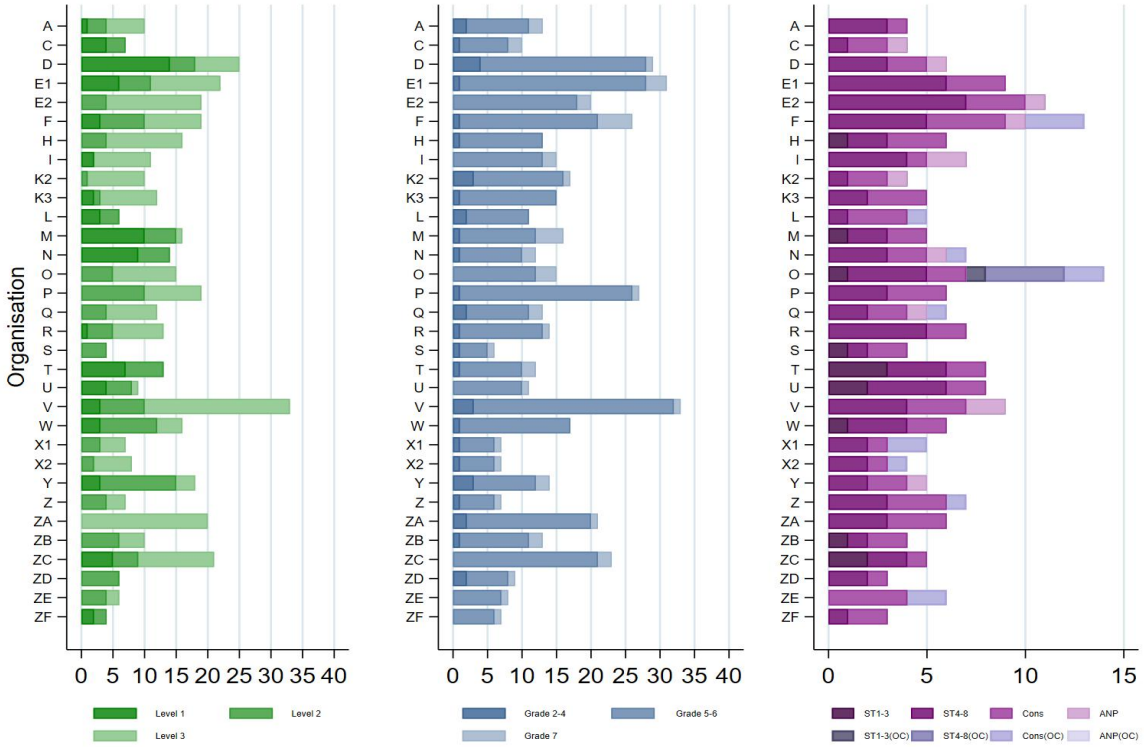


FIGURE S13b LOG B: MIDNIGHT ON WEDNESDAY 21 NOVEMBER 2018

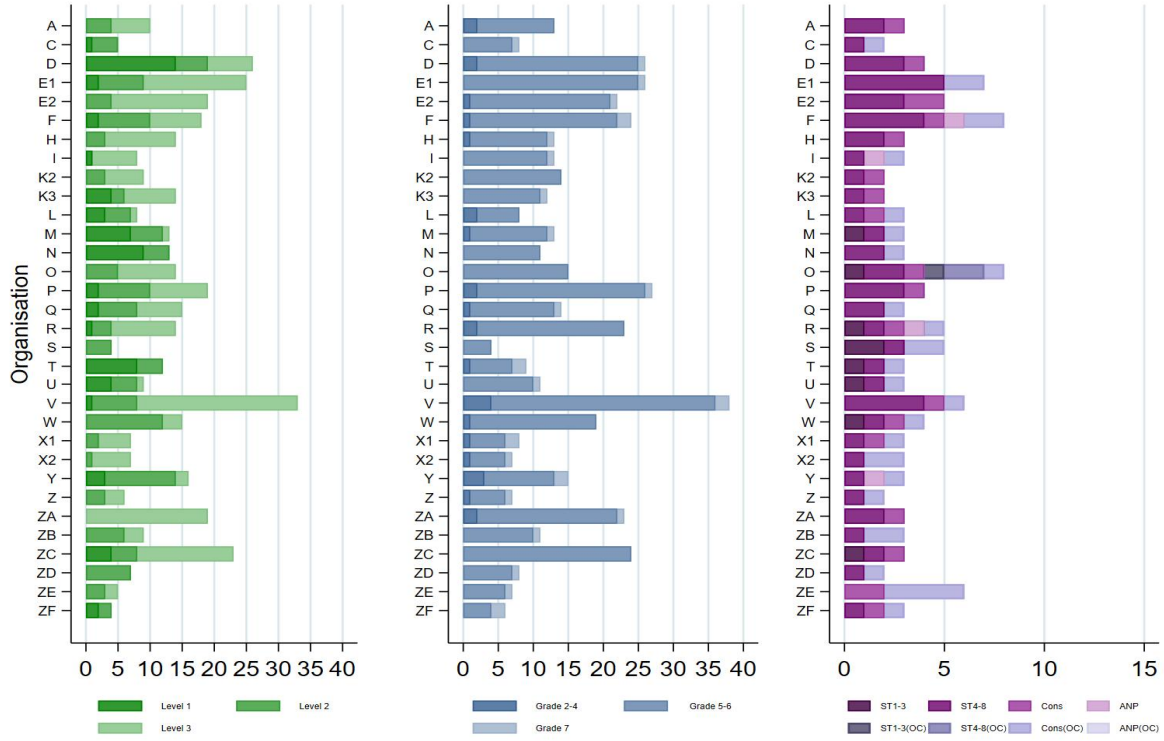


FIGURE S13c LOG C: MIDDAY ON SUNDAY 25 NOVEMBER 2018

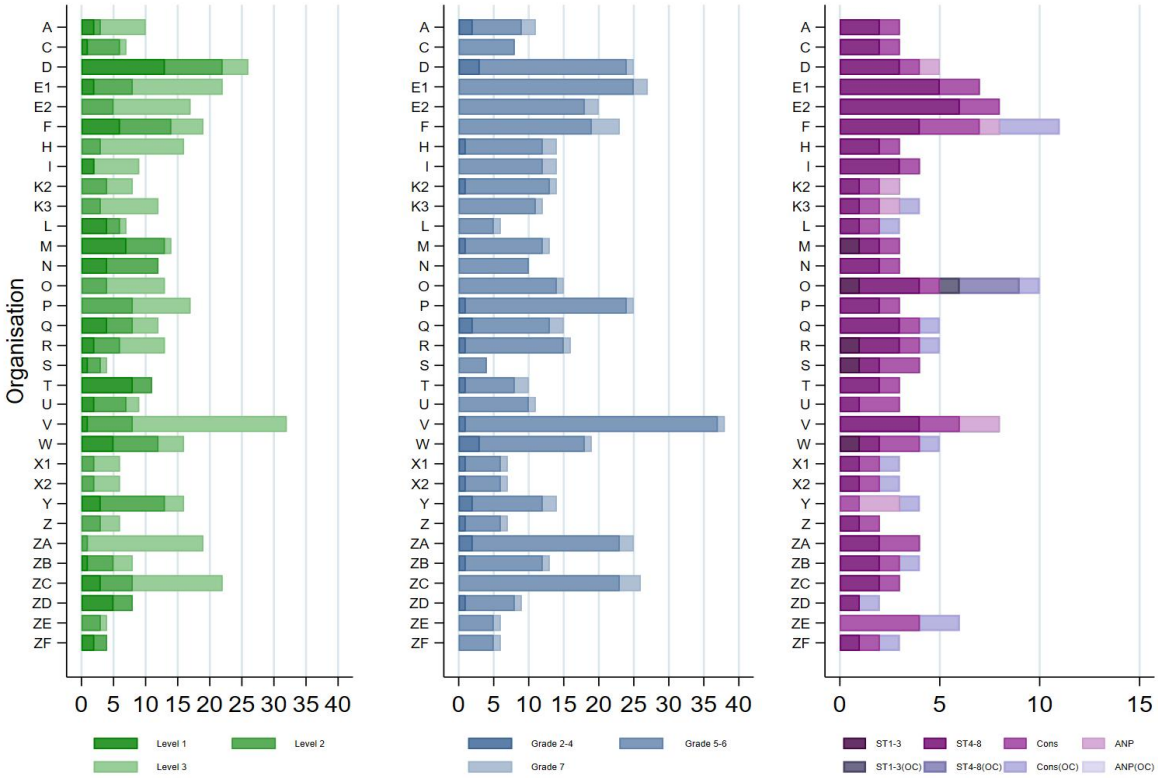
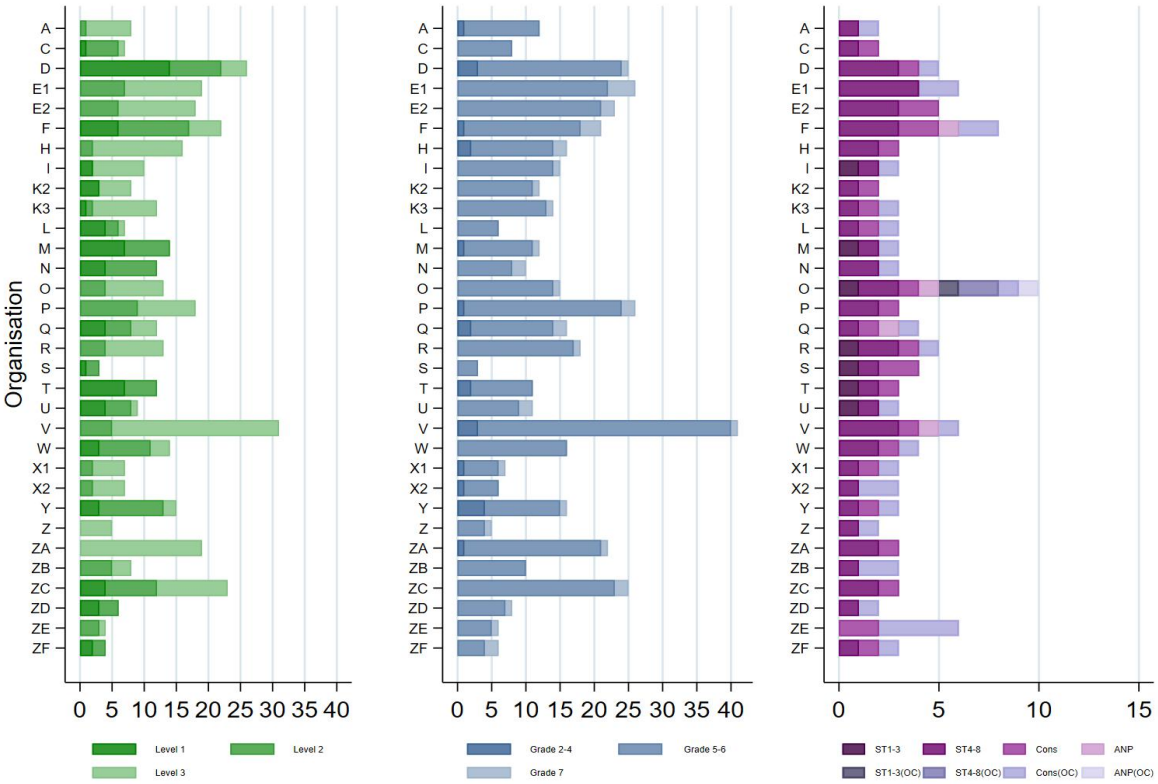


FIGURE S13d LOG D: MIDNIGHT ON SUNDAY 25 NOVEMBER 2018



Notes

1) (OC) = on call

2) ST1-3 = Specialty trainee, years 1-3. ST4-8 = Specialty trainee, years 4-8.

3) Cons = consultant

4) ANP = Advanced nurse practitioner

TABLE S14a AVAILABILITY OF OTHER SPECIFIED STAFF & SUPPORT SERVICES, 2018

Figures S14a presents information about the availability within the organisation of other staff and support services, providing care and support for critically ill children and their families during admission to paediatric intensive care, monitoring Standard L3-209, and the availability of a family care sister, practice educator, educator for families of children with complex needs, a discharge coordinator responsible for managing the discharge of children with complex care needs and dedicated PICANet data collection staff. The absence of a dedicated role within an organisation, including discharge coordinator and family care sister posts may be due to the roles being incorporated into other posts.

In the main body of the table (to the left of the double line), one tick means that staff are available; a double tick means that the PICU has on call access 24 hours a day and 7 days a week. In the final two columns, a single tick indicates that there is staff in post.

	STANDARD L3-209												
Organisation	Play Staff	Discharge coordinator complex care	Staff educator	Pharmacist	Physiotherapist	Dietician	Family Psychological Support	Staff Psychological Support	Education for families	Health Care Scientist	Operating Department Practioner	Family care sister	Dedicated PICANet Data Collection Staff
A	✓	✓	✓	✓✓	✓✓	✓✓	✓	✓	✓		✓	✓	✓
C			✓	✓	✓✓	✓		✓		✓			✓
D			✓	✓	✓✓	✓	✓	✓		✓		✓	✓
E1	✓		✓	✓	✓✓	✓	✓	✓		✓		✓	✓
E2			✓	✓	✓✓	✓	✓	✓	✓	✓		✓	
F			✓	✓	✓✓	✓	✓	✓		✓			
H		✓	✓	✓	✓	✓	✓		✓	✓		✓	✓
I			✓	✓✓	✓✓	✓	✓	✓				✓	✓
K2	✓		✓	✓	✓✓	✓	✓	✓		✓	✓		
K3			✓	✓	✓✓	✓							
L	✓	✓	✓	✓✓	✓✓	✓	✓	✓	✓	✓			
M			✓	✓	✓✓	✓				✓	✓		✓
N	✓		✓	✓✓	✓✓	✓	✓	✓		✓			✓
O	✓	✓	✓	✓✓	✓✓	✓	✓	✓	✓	✓	✓	✓	✓
P			✓	✓✓	✓✓	✓	✓	✓		✓			✓
Q		✓	✓	✓	✓	✓			✓		✓	✓	
R		✓	✓	✓✓	✓✓	✓	✓	✓	✓	✓	✓		✓
S			✓	✓✓	✓✓	✓				✓	✓		✓
T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
U			✓	✓	✓✓	✓	✓			✓		✓	✓
V		✓	✓	✓✓	✓✓	✓	✓	✓	✓	✓	✓	✓	✓
W		✓	✓	✓	✓	✓	✓	✓					✓
X1			✓	✓	✓	✓	✓	✓		✓			✓
X2			✓	✓	✓	✓	✓	✓		✓			✓
Y			✓	✓	✓	✓				✓			✓
Z			✓	✓	✓✓	✓	✓	✓		✓	✓		
ZA			✓	✓	✓✓	✓✓				✓			
ZB			✓	✓	✓✓	✓	✓	✓		✓			
ZC			✓	✓	✓✓	✓	✓			✓			✓
ZD			✓	✓	✓✓	✓	✓	✓		✓			✓
ZE			✓	✓✓	✓✓	✓							✓
ZF	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓

✓ Available staff
✓✓ On Call Access 24 hrs/7 days

✓ In post

Notes
1) *Standard L3-2019 defines time allocation/availability of specified staff
2) Play staff - appropriately qualified staff to provide support for play and distraction during procedures available every day - Sunday to Saturday incl.
3) All other staff available at least 5 days per week

TABLE S14b AVAILABILITY OF OTHER SPECIFIED STAFF & SUPPORT SERVICES, 2018

Figures S14b presents information about the availability within the organisation of other staff and support services, providing care and support for critically ill children and their families during admission to paediatric intensive care. This monitors Standard L3-197, i.e. the availability of inter-faith support; social workers; interpreters; bereavement support and patient advice and advocacy services.

One tick means a hospital has access to support services; a double tick means that the PICU has dedicated time provided by the given service.

Organisation	Standard L3-197				
	Inter-faith support	Social Workers	Interpreters	Bereavement support	Patient advice & advocacy services
A	✓	✓	✓	✓	✓
C	✓		✓	✓	✓
D	✓	✓	✓	✓✓	✓
E1	✓✓	✓✓	✓	✓	✓
E2	✓	✓	✓	✓	✓
F	✓✓	✓	✓	✓✓	✓
H	✓	✓	✓	✓✓	✓
I	✓	✓	✓	✓✓	✓
K2	✓	✓✓	✓	✓✓	✓
K3	✓✓	✓✓	✓	✓	✓
L	✓✓		✓	✓	✓
M	✓	✓	✓	✓✓	✓
N	✓	✓	✓	✓	✓
O	✓	✓	✓	✓	✓
P	✓	✓	✓	✓	✓
Q	✓		✓	✓	✓
R	✓	✓	✓	✓	✓
S	✓		✓	✓	✓
T	✓	✓	✓	✓	✓
U	✓	✓	✓	✓	✓
V	✓✓	✓	✓	✓	✓
W	✓✓	✓✓	✓	✓✓	✓
X1	✓	✓	✓	✓	✓
X2	✓	✓	✓	✓	
Y	✓	✓	✓	✓	✓
Z	✓	✓	✓	✓	✓
ZA	✓	✓	✓	✓	✓
ZB	✓✓	✓✓	✓	✓	
ZC	✓✓	✓✓	✓	✓	✓
ZD	✓✓	✓✓	✓	✓	✓
ZE	✓		✓	✓	
ZF	✓✓	✓✓	✓✓	✓✓	✓✓

✓	Hospital Access
✓✓	Time dedicated to PICU

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PICS Paediatric Intensive Care Society