

INFORMATION
ANALYSIS
DIRECTORATE



Hospital Statistics:

Acute Episode-Based Activity Statistics 2016/17

Volume 1: Specialty



Department of

Health

An Roinn Sláinte

Máinnystrie O Poustie

www.health-ni.gov.uk

Reader Information

Purpose	<p>This publication presents information on acute, episode-based activity at Health and Social Care Trusts in Northern Ireland during the year ending 31 March 2017. It details key information on all activity and provides a breakdown of activity by specialty.</p> <p>The data contained in this publication have been compiled from the Hospital Inpatient System (HIS), introduced from 1st April 2009.</p> <p>Data detailed in this publication are available in spreadsheet format (Microsoft Excel) to aid secondary analysis, at the link https://www.health-ni.gov.uk/publications/acute-episode-based-activity-downloadable-data-201617</p> <p>Explanatory notes and a glossary of terms are available from the link https://www.health-ni.gov.uk/publications/explanatory-notes-and-technical-guidance-acute-episode-based-activity</p>
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Headline Figures

Finished Consultant Episodes (FCEs)	Count	Proportion
Total	654,626	100.0 %
<i>Proportion of the above episodes with a procedure or intervention</i>		65.9 %
Day Cases	194,855	29.8 %
<i>Proportion of the above episodes with a procedure or intervention</i>		93.9 %
Inpatients	342,842	52.4 %
<i>Proportion of the above episodes with a procedure or intervention</i>		38.8 %
Regular Day / Night Attenders	116,929	17.9 %
<i>Proportion of the above episodes with a procedure or intervention</i>		98.7 %
Patient's Age		
0-4 (includes babies born in hospital)	28,854	4.4 %
5-14	21,074	3.2 %
15-44	115,710	17.7 %
45-64	187,975	28.7 %
65-74	131,453	20.1 %
75-84	119,320	18.2 %
85 & Over	50,240	7.7 %

Days

Average length of stay per inpatient FCE

3.4

Admissions	Count	Proportion
Total	542,522	100.0 %
Day Cases	194,744	35.9 %
Inpatients	231,273	42.6 %
Regular Day / Night Attenders	116,505	21.5 %
Patient's Age		
0-4 (includes babies born in hospital)	27,196	5.0 %
5-14	20,614	3.8 %
15-44	99,819	18.4 %
45-64	159,355	29.4 %
65-74	108,507	20.0 %
75-84	93,590	17.3 %
85 & Over	33,441	6.2%

Days

Average length of stay per inpatient admission

5.1

Discharge Episodes	Count	Proportion
Waiting List (including booked)	179,514	33.1 %
Planned (deferred for medical and social reasons)	181,277	33.4 %
Emergency	161,428	29.8 %
Others (including Maternity and births)	20,303	3.7 %

Explanatory notes and a glossary of terms are available from the link

<https://www.health-ni.gov.uk/publications/explanatory-notes-and-technical-guidance-acute-episode-based-activity>

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Table 1: Finished Consultant Episodes (FCEs), Admissions and FCE Duration by Specialty

Specialty		Finished Episodes	Admissions	Episode Duration		Total Bed Days
Code	Name			Mean	Median	
100	General Surgery	79,812	68,243	2.2	1.0	173,279
101	Urology	28,882	27,605	0.9	0.0	24,821
110	T&O	25,481	21,307	3.9	2.0	100,493
120	ENT	13,672	13,451	1.0	0.0	13,376
130	Ophthalmology	16,408	16,341	0.1	0.0	2,074
140	Oral Surgery	3,888	3,851	0.6	0.0	2,215
141	Restorative Dentistry	271	270	0.0	0.0	9
142	Paediatric Dentistry	395	395	0.1	0.0	30
150	Neurosurgery	2,693	1,985	5.2	3.0	13,985
160	Plastic Surgery	6,109	5,883	1.2	0.0	7,274
170	Cardiac Surgery	1,228	1,090	11.3	9.0	13,864
171	Paediatric Surgery	2,176	2,061	1.5	0.0	3,311
172	Thoracic Surgery	1,325	1,177	4.2	2.0	5,561
180	A&E	11,892	10,163	0.6	0.0	7,229
190	Anaesthetics	2,129	1,271	3.5	1.0	7,430
191	Pain Management	4,541	4,540	0.0	0.0	9
300	General Medicine	138,677	80,291	2.5	1.0	347,109
301	Gastroenterology	38,543	30,826	1.1	0.0	43,376
302	Endocrinology	3,084	1,640	3.2	1.0	9,956
303	Haematology Clinical	23,992	22,598	1.3	0.0	30,652
314	Rehabilitation	2,058	1,959	12.0	0.0	24,696
315	Palliative Medicine	718	357	10.2	5.0	7,298
320	Cardiology	34,862	29,493	2.4	0.0	82,428
330	Dermatology	6,413	6,399	0.2	0.0	1,508
340	Thoracic Medicine	20,316	10,421	3.6	1.0	73,114
350	Infectious Diseases	195	151	8.8	5.0	1,717
360	Genito-urinary Medicine	41	27	6.7	4.0	273
361	Nephrology	94,970	91,781	0.3	0.0	26,183
370	Medical Oncology	10,611	10,571	0.7	0.0	7,433
400	Neurology	4,589	4,214	6.3	0.0	28,996
410	Rheumatology	4,742	4,677	0.8	0.0	4,011
420	Paediatrics	28,145	26,642	2.2	1.0	61,190
421	Paediatric Neurology	416	401	3.3	0.0	1,386
502	Gynaecology	16,947	16,384	1.2	0.0	19,761
620	General Practice Other	6,509	6,473	4.5	0.0	29,592
800	Clinical Oncology	17,269	17,230	0.7	0.0	12,907
810	Radiology	354	354	0.1	0.0	21
999	Other					

Additional information on the data can be found in the Explanatory Notes, available from the website <https://www.health-ni.gov.uk/publications/explanatory-notes-and-technical-guidance-acute-episode-based-activity>

Table 2: Finished Consultant Episodes by Specialty and Gender

Specialty		Finished Episodes	Male	Female	Gender Not Specified
Code	Name				
100	General Surgery	79,812	38,748	41,064	-
101	Urology	28,882	20,024	8,858	-
110	T&O	25,481	12,317	13,162	2
120	ENT	13,672	7,362	6,310	-
130	Ophthalmology	16,408	7,677	8,731	-
140	Oral Surgery	3,888	2,126	1,762	-
141	Restorative Dentistry	271	151	120	-
142	Paediatric Dentistry	395	202	193	-
150	Neurosurgery	2,693	1,271	1,422	-
160	Plastic Surgery	6,109	3,670	2,438	1
170	Cardiac Surgery	1,228	871	357	-
171	Paediatric Surgery	2,176	1,674	502	-
172	Thoracic Surgery	1,325	815	510	-
180	A&E	11,892	5,847	6,044	1
190	Anaesthetics	2,129	1,182	947	-
191	Pain Management	4,541	1,725	2,816	-
300	General Medicine	138,677	64,902	73,775	-
301	Gastroenterology	38,543	19,510	19,031	2
302	Endocrinology	3,084	1,429	1,655	-
303	Haematology Clinical	23,992	14,181	9,811	-
314	Rehabilitation	2,058	1,191	867	-
315	Palliative Medicine	718	349	369	-
320	Cardiology	34,862	21,141	13,720	1
330	Dermatology	6,413	2,371	4,042	-
340	Thoracic Medicine	20,316	9,579	10,737	-
350	Infectious Diseases	195	104	91	-
360	Genito-urinary Medicine	41	22	19	-
361	Nephrology	94,970	58,025	36,945	-
370	Medical Oncology	10,611	4,384	6,227	-
400	Neurology	4,589	1,839	2,750	-
410	Rheumatology	4,742	1,544	3,198	-
420	Paediatrics	28,145	15,613	12,527	5
421	Paediatric Neurology	416	258	158	-
502	Gynaecology	16,947	3	16,944	-
620	General Practice Other	6,509	3,289	3,220	-
800	Clinical Oncology	17,269	5,888	11,381	-
810	Radiology	354	179	175	-
999	Other				

Additional information on the data can be found in the Explanatory Notes, available from the website <https://www.health-ni.gov.uk/publications/explanatory-notes-and-technical-guidance-acute-episode-based-activity>

Table 3: Finished Consultant Episodes by Specialty and Admission Method

Specialty		Finished Episodes	Emergency	Waiting List	Planned	Other
Code	Name					
100	General Surgery	79,812	34,041	38,495	4,944	2,332
101	Urology	28,882	3,213	18,385	6,504	780
110	T&O	25,481	9,764	11,343	2,257	2,117
120	ENT	13,672	2,193	10,688	367	424
130	Ophthalmology	16,408	421	14,800	1,137	50
140	Oral Surgery	3,888	500	2,945	206	237
141	Restorative Dentistry	271	-	270	1	-
142	Paediatric Dentistry	395	-	387	8	-
150	Neurosurgery	2,693	833	873	442	545
160	Plastic Surgery	6,109	1,877	3,650	249	333
170	Cardiac Surgery	1,228	141	927	12	148
171	Paediatric Surgery	2,176	581	1,318	108	169
172	Thoracic Surgery	1,325	245	687	322	71
180	A&E	11,892	10,202	1,637	-	53
190	Anaesthetics	2,129	1,393	231	117	388
191	Pain Management	4,541	3	3,154	1,383	1
300	General Medicine	138,677	113,869	14,287	7,320	3,201
301	Gastroenterology	38,543	11,026	16,130	10,271	1,116
302	Endocrinology	3,084	2,705	273	63	43
303	Haematology Clinical	23,992	2,388	2,091	18,551	962
314	Rehabilitation	2,058	146	54	1,192	666
315	Palliative Medicine	718	450	142	5	121
320	Cardiology	34,862	18,850	9,180	1,927	4,905
330	Dermatology	6,413	29	3,660	2,693	31
340	Thoracic Medicine	20,316	17,115	1,817	492	892
350	Infectious Diseases	195	155	8	16	16
360	Genito-urinary Medicine	41	26	1	7	7
361	Nephrology	94,970	2,373	1,494	90,072	1,031
370	Medical Oncology	10,611	367	205	9,561	478
400	Neurology	4,589	574	1,298	2,550	167
410	Rheumatology	4,742	90	2,055	2,510	87
420	Paediatrics	28,145	21,280	871	1,592	4,402
421	Paediatric Neurology	416	66	141	160	49
502	Gynaecology	16,947	3,403	12,720	566	258
620	General Practice Other	6,509	107	5,209	143	1,050
800	Clinical Oncology	17,269	544	760	15,496	469
810	Radiology	354	-	225	127	2
999	Other					

Additional information on the data can be found in the Explanatory Notes, available from the website <https://www.health-ni.gov.uk/publications/explanatory-notes-and-technical-guidance-acute-episode-based-activity>

Table 4: Finished Consultant Episodes by Specialty and Age Group

Specialty		Finished Episodes	Mean Age	Age								
Code	Name			0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+
100	General Surgery	79,812	56	721	3,060	5,935	8,174	10,919	13,890	14,759	13,846	8,508
101	Urology	28,882	63	26	410	1,034	1,739	2,893	4,715	6,503	7,081	4,481
110	T&O	25,481	54	1,419	1,763	1,799	1,934	2,823	3,747	3,886	4,153	3,957
120	ENT	13,672	34	3,596	1,906	1,417	1,253	1,221	1,467	1,259	1,054	499
130	Ophthalmology	16,408	66	420	189	413	592	948	1,950	3,240	4,770	3,886
140	Oral Surgery	3,888	40	475	650	536	359	380	431	416	362	279
141	Restorative Dentistry	271	43	-	45	54	28	44	42	21	20	17
142	Paediatric Dentistry	395	7	288	107	-	-	-	-	-	-	-
150	Neurosurgery	2,693	45	198	170	243	306	449	574	473	223	57
160	Plastic Surgery	6,109	49	685	427	553	575	656	715	700	952	846
170	Cardiac Surgery	1,228	66	-	3	24	22	52	202	411	429	85
171	Paediatric Surgery	2,176	5	1,649	527	-	-	-	-	-	-	-
172	Thoracic Surgery	1,325	58	-	42	79	105	115	249	360	271	104
180	A&E	11,892	48	4	928	1,987	1,760	1,905	1,911	1,212	1,097	1,088
190	Anaesthetics	2,129	54	175	77	102	132	243	349	399	447	205
191	Pain Management	4,541	56	-	7	82	444	999	1,166	929	655	259
300	General Medicine	138,677	64	43	2,912	7,216	8,327	12,001	19,170	23,939	29,654	35,415
301	Gastroenterology	38,543	59	-	613	2,247	3,183	4,794	7,257	8,268	7,335	4,846
302	Endocrinology	3,084	57	-	127	300	310	392	441	453	574	487
303	Haematology Clinical	23,992	61	829	583	631	789	1,753	3,593	6,217	6,778	2,819
314	Rehabilitation	2,058	56	-	116	194	221	282	433	190	218	404
315	Palliative Medicine	718	69	-	-	3	20	35	93	186	203	178
320	Cardiology	34,862	65	285	325	735	1,127	2,708	5,849	7,733	9,461	6,639
330	Dermatology	6,413	49	169	400	1,047	1,000	824	674	698	885	716
340	Thoracic Medicine	20,316	68	-	146	624	746	1,083	2,519	4,321	5,505	5,372
350	Infectious Diseases	195	59	-	5	12	15	27	44	25	36	31
360	Genito-urinary Medicine	41	42	-	1	8	15	2	10	4	1	-
361	Nephrology	94,970	67	234	576	1,776	3,328	7,674	11,743	19,929	28,072	21,638
370	Medical Oncology	10,611	59	367	121	147	337	979	2,595	3,101	2,545	419
400	Neurology	4,589	48	-	102	497	834	1,086	1,034	508	444	84
410	Rheumatology	4,742	56	88	129	135	385	723	1,137	1,090	757	298
420	Paediatrics	28,145	3	25,335	2,808	1	1	-	-	-	-	-
421	Paediatric Neurology	416	7	269	147	-	-	-	-	-	-	-

Specialty		Finished Episodes	Mean Age	Age								
Code	Name			0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+
502	Gynaecology	16,947	46	7	316	2,215	4,047	4,192	3,080	1,591	1,087	412
620	General Practice Other	6,509	22	4,210	737	86	76	85	124	173	334	684
800	Clinical Oncology	17,269	60	-	87	168	853	2,330	4,463	5,435	3,410	523
810	Radiology	354	40	104	13	18	14	29	43	69	53	11
999	Other											

Additional information on the data can be found in the Explanatory Notes, available from the website <https://www.health-ni.gov.uk/publications/explanatory-notes-and-technical-guidance-acute-episode-based-activity>

Table 5: Finished Consultant Episodes by Specialty – Day Cases and Cases with Zero Bed Days

Specialty		Finished Episodes	Day Cases	Cases with zero bed days §		
Code	Name			Emergency	Elective	Other
100	General Surgery	79,812	33,380	2,150	818	99
101	Urology	28,882	20,044	252	1,005	71
110	T&O	25,481	5,094	473	1,046	93
120	ENT	13,672	6,759	219	770	44
130	Ophthalmology	16,408	15,248	44	103	20
140	Oral Surgery	3,888	2,658	77	98	49
141	Restorative Dentistry	271	262	-	-	-
142	Paediatric Dentistry	395	373	-	2	-
150	Neurosurgery	2,693	213	8	192	8
160	Plastic Surgery	6,109	2,992	938	119	70
170	Cardiac Surgery	1,228	-	1	24	2
171	Paediatric Surgery	2,176	1,116	118	33	22
172	Thoracic Surgery	1,325	278	4	94	-
180	A&E	11,892	1,587	3,681	27	12
190	Anaesthetics	2,129	224	98	2	12
191	Pain Management	4,541	4,536	1	2	1
300	General Medicine	138,677	19,799	5,946	321	109
301	Gastroenterology	38,543	24,978	281	72	110
302	Endocrinology	3,084	204	102	6	-
303	Haematology Clinical	23,992	12,420	152	7,367	159
314	Rehabilitation	2,058	1,134	-	-	1
315	Palliative Medicine	718	-	3	1	1
320	Cardiology	34,862	5,995	4,778	2,982	1,387
330	Dermatology	6,413	6,192	1	6	1
340	Thoracic Medicine	20,316	1,599	318	58	15
350	Infectious Diseases	195	-	1	-	-
360	Genito-urinary Medicine	41	4	-	-	-
361	Nephrology	94,970	1,521	75	76,280	101
370	Medical Oncology	10,611	1,974	18	7,526	58
400	Neurology	4,589	2,828	9	30	1
410	Rheumatology	4,742	4,024	4	14	-
420	Paediatrics	28,145	1,437	8,569	315	354
421	Paediatric Neurology	416	211	2	7	3
502	Gynaecology	16,947	7,942	591	822	21
620	General Practice Other	6,509	5,208	1	4	4
800	Clinical Oncology	17,269	2,283	115	13,451	30
810	Radiology	354	338	-	7	2
999	Other					

§ - In the HIS data, there are a number of episodes that are not recorded as day cases but do not involve an overnight stay and do not result in another episode of care at the same provider. These are referred to as zero bed days. Zero bed days include a number of records which resulted in the death of the patient, or their transfer to another hospital provider; however, the vast majority are recorded as having been discharged from hospital.

Additional information on the data can be found in the Explanatory Notes, available from the website <https://www.health-ni.gov.uk/publications/explanatory-notes-and-technical-guidance-acute-episode-based-activity>

About the Hospital Information Branch (HIB)

Hospital Information Branch is responsible for the collection, quality assurance, analysis and publication of timely and accurate information derived from a wide range of statistical information returns supplied by the Health & Social Care (HSC) Trusts and the HSC Board. Statistical information is collected routinely from a variety of electronic patient level administrative system and pre-defined EXCEL survey return templates.

The Branch aims to present information in a meaningful way and provide advice on its uses to customers in the HSC Committee, Professional Advisory Groups, policy branches within the DHSSPS, other Health organisations, academia, private sector organisations, charity/voluntary organisations as well as the general public. The statistical information collected is used to contribute to major exercises such as reporting on the performance of the HSC system, other comparative performance exercises, target setting and monitoring, development of service frameworks as well as policy formulation and evaluation. In addition, the information is used in response to a significantly high volume of Parliamentary / Assembly questions and ad-hoc queries each year.

Information is disseminated through a number of key statistical publications, including: Inpatient Activity, Outpatient Activity, Emergency Care, Mental Health & Learning Disability and Waiting Time Statistics (Inpatient, Outpatient, Diagnostics and Cancer). These publications are available from the website <https://www.health-ni.gov.uk/topics/doh-statistics-and-research>

Further information on the Acute Episode-Based Activity data, including definitions, is available from the website <https://www.health-ni.gov.uk/publications/explanatory-notes-and-technical-guidance-acute-episode-based-activity>

Additional Information

Further information on *Acute Episode-Based Activity Statistics* is available from:

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This Statistical bulletin and others published by Hospital Information Branch are available to download from the Department of Health Internet site at:

<https://www.health-ni.gov.uk/topics/doh-statistics-and-research>