

INFORMATION
ANALYSIS
DIRECTORATE



Hospital Statistics:

Acute Episode-Based
Activity Statistics
2015/16

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 2016. 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-201516</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	641,328	100.0 %
<i>Proportion of the above episodes with a procedure or intervention</i>		65.4 %
Day Cases	189,079	29.5 %
<i>Proportion of the above episodes with a procedure or intervention</i>		94.9 %
Inpatients	341,332	53.2 %
<i>Proportion of the above episodes with a procedure or intervention</i>		38.3 %
Regular Day / Night Attenders	110,917	17.3 %
<i>Proportion of the above episodes with a procedure or intervention</i>		98.6 %
Patient's Age		
0-4 (includes babies born in hospital)	30,192	4.7 %
5-14	21,331	3.3 %
15-44	118,859	18.5 %
45-64	181,809	28.3 %
65-74	128,278	20.0 %
75-84	114,413	17.8 %
85 & Over	46,445	7.2 %

Days

Average length of stay per inpatient FCE

3.4

Admissions

	Count	Proportion
Total	534,149	100.0 %
Day Cases	188,953	35.4 %
Inpatients	234,864	44.0 %
Regular Day / Night Attenders	110,332	20.7 %
Patient's Age		
0-4 (includes babies born in hospital)	28,513	5.3 %
5-14	20,823	3.9 %
15-44	101,537	19.0 %
45-64	154,824	29.0 %
65-74	106,469	19.9 %
75-84	90,302	16.9 %
85 & Over	31,680	5.9 %

Days

Average length of stay per inpatient admission

5.0

Discharge Episodes

	Count	Proportion
Waiting List (including booked)	175,830	32.9 %
Planned (deferred for medical and social reasons)	173,314	32.4 %
Emergency	163,894	30.7 %
Others (including Maternity and births)	21,111	4.0 %

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	80,182	68,897	2.1	1.0	168,351
101	Urology	28,444	27,197	1.0	0.0	28,220
110	T&O	24,371	21,415	4.1	2.0	100,486
120	ENT	13,683	13,451	1.1	0.0	14,459
130	Ophthalmology	16,883	16,834	0.2	0.0	3,336
140	Oral Surgery	4,377	4,329	0.5	0.0	2,339
141	Restorative Dentistry	242	242	0.0	0.0	9
142	Paediatric Dentistry	374	372	0.0	0.0	12
150	Neurosurgery	2,326	1,802	5.7	3.0	13,280
160	Plastic Surgery	5,705	5,534	1.4	0.0	7,984
170	Cardiac Surgery	1,234	1,105	11.4	9.0	14,033
171	Paediatric Surgery	2,195	2,031	1.7	0.0	3,718
172	Thoracic Surgery	1,378	1,184	3.8	2.0	5,301
180	A&E	11,872	9,381	0.6	0.0	6,906
190	Anaesthetics	2,041	1,232	3.7	1.0	7,490
191	Pain Management	4,154	4,152	0.0	0.0	9
300	General Medicine	131,567	78,165	2.5	1.0	327,143
301	Gastroenterology	37,925	29,892	1.1	0.0	41,843
302	Endocrinology	3,354	1,782	2.9	1.0	9,706
303	Haematology Clinical	21,374	20,242	1.4	0.0	29,780
314	Rehabilitation	1,862	1,798	14.5	2.0	26,925
315	Palliative Medicine	475	291	15.2	10.0	7,233
320	Cardiology	35,549	29,899	2.3	1.0	83,056
330	Dermatology	6,782	6,773	0.3	0.0	1,825
340	Thoracic Medicine	20,550	10,538	3.5	1.0	72,440
350	Infectious Diseases	171	153	9.9	5.0	1,701
360	Genito-urinary Medicine	35	15	8.9	3.0	311
361	Nephrology	92,088	88,122	0.3	0.0	27,447
370	Medical Oncology	10,185	10,141	0.7	0.0	6,971
400	Neurology	3,906	3,575	10.0	0.0	39,137
410	Rheumatology	5,402	5,347	0.7	0.0	3,981
420	Paediatrics	29,062	27,521	2.2	1.0	64,907
421	Paediatric Neurology	309	279	4.9	2.0	1,513
502	Gynaecology	17,513	16,937	1.2	0.0	20,227
620	General Practice Other	6,390	6,390	3.6	0.0	22,796
800	Clinical Oncology	16,812	16,780	0.9	0.0	15,018
810	Radiology	352	351	0.2	0.0	63

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	80,182	38,689	41,493	-
101	Urology	28,444	19,789	8,655	-
110	T&O	24,371	11,731	12,640	-
120	ENT	13,683	7,621	6,061	1
130	Ophthalmology	16,883	8,031	8,852	-
140	Oral Surgery	4,377	2,371	2,005	1
141	Restorative Dentistry	242	138	104	-
142	Paediatric Dentistry	374	207	167	-
150	Neurosurgery	2,326	1,197	1,129	-
160	Plastic Surgery	5,705	3,499	2,206	-
170	Cardiac Surgery	1,234	874	360	-
171	Paediatric Surgery	2,195	1,665	530	-
172	Thoracic Surgery	1,378	857	521	-
180	A&E	11,872	6,207	5,665	-
190	Anaesthetics	2,041	1,100	941	-
191	Pain Management	4,154	1,558	2,596	-
300	General Medicine	131,567	62,065	69,501	1
301	Gastroenterology	37,925	19,069	18,856	-
302	Endocrinology	3,354	1,500	1,854	-
303	Haematology Clinical	21,374	12,605	8,769	-
314	Rehabilitation	1,862	1,012	849	1
315	Palliative Medicine	475	238	237	-
320	Cardiology	35,549	21,739	13,810	-
330	Dermatology	6,782	2,343	4,439	-
340	Thoracic Medicine	20,550	9,464	11,086	-
350	Infectious Diseases	171	98	73	-
360	Genito-urinary Medicine	35	29	6	-
361	Nephrology	92,088	55,358	36,730	-
370	Medical Oncology	10,185	4,187	5,998	-
400	Neurology	3,906	1,536	2,370	-
410	Rheumatology	5,402	1,705	3,697	-
420	Paediatrics	29,062	15,994	13,066	2
421	Paediatric Neurology	309	191	118	-
502	Gynaecology	17,513	3	17,510	-
620	General Practice Other	6,390	3,195	3,195	-
800	Clinical Oncology	16,812	5,984	10,828	-
810	Radiology	352	170	182	-

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	80,182	34,235	38,255	4,838	2,854
101	Urology	28,444	3,087	18,131	6,402	824
110	T&O	24,371	8,387	11,387	2,267	2,330
120	ENT	13,683	2,198	10,752	325	408
130	Ophthalmology	16,883	419	14,890	1,522	52
140	Oral Surgery	4,377	552	3,452	137	236
141	Restorative Dentistry	242	-	242	-	-
142	Paediatric Dentistry	374	-	366	8	-
150	Neurosurgery	2,326	662	925	257	482
160	Plastic Surgery	5,705	1,861	3,322	244	278
170	Cardiac Surgery	1,234	152	808	16	258
171	Paediatric Surgery	2,195	565	1,332	105	193
172	Thoracic Surgery	1,378	275	672	327	104
180	A&E	11,872	11,781	12	-	79
190	Anaesthetics	2,041	1,362	210	85	384
191	Pain Management	4,154	1	2,943	1,210	-
300	General Medicine	131,567	108,392	13,751	6,310	3,114
301	Gastroenterology	37,925	11,209	16,633	8,784	1,299
302	Endocrinology	3,354	2,956	268	64	66
303	Haematology Clinical	21,374	2,186	1,960	16,348	880
314	Rehabilitation	1,862	90	59	950	763
315	Palliative Medicine	475	225	144	11	95
320	Cardiology	35,549	19,781	8,032	2,640	5,096
330	Dermatology	6,782	52	3,620	3,100	10
340	Thoracic Medicine	20,550	17,013	1,767	613	1,157
350	Infectious Diseases	171	143	-	15	13
360	Genito-urinary Medicine	35	19	3	1	12
361	Nephrology	92,088	2,225	1,652	86,951	1,260
370	Medical Oncology	10,185	311	320	9,099	455
400	Neurology	3,906	487	859	2,393	167
410	Rheumatology	5,402	90	1,577	3,659	76
420	Paediatrics	29,062	22,164	1,012	1,501	4,385
421	Paediatric Neurology	309	58	97	96	58
502	Gynaecology	17,513	3,640	13,135	502	236
620	General Practice Other	6,390	106	5,239	278	767
800	Clinical Oncology	16,812	528	987	14,771	526
810	Radiology	352	2	262	88	-

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	80,182	55	856	3,214	6,258	8,504	10,866	14,022	14,421	13,473	8,568
101	Urology	28,444	63	19	340	1,060	1,679	2,943	4,658	6,405	7,062	4,278
110	T&O	24,371	53	1,533	1,816	1,878	1,925	2,716	3,428	3,709	3,890	3,476
120	ENT	13,683	33	3,685	1,924	1,485	1,284	1,222	1,429	1,179	993	482
130	Ophthalmology	16,883	66	418	229	389	659	959	1,956	3,417	5,061	3,795
140	Oral Surgery	4,377	41	495	656	601	423	470	509	497	452	274
141	Restorative Dentistry	242	45	-	18	48	28	60	29	24	22	13
142	Paediatric Dentistry	374	7	285	89	-	-	-	-	-	-	-
150	Neurosurgery	2,326	46	177	152	171	266	405	482	427	204	42
160	Plastic Surgery	5,705	47	754	417	621	516	606	644	632	792	723
170	Cardiac Surgery	1,234	66	-	7	17	19	65	193	374	445	114
171	Paediatric Surgery	2,195	5	1,722	473	-	-	-	-	-	-	-
172	Thoracic Surgery	1,378	57	-	56	91	120	125	226	375	291	94
180	A&E	11,872	46	7	1,077	2,264	1,798	1,859	1,869	1,032	893	1,073
190	Anaesthetics	2,041	55	131	60	109	170	234	303	363	445	226
191	Pain Management	4,154	55	-	12	102	457	915	1,138	811	511	208
300	General Medicine	131,567	64	47	2,991	7,546	8,386	11,732	17,989	22,423	27,862	32,591
301	Gastroenterology	37,925	59	2	576	2,267	3,030	4,684	7,003	8,266	7,054	5,043
302	Endocrinology	3,354	56	-	123	386	382	386	508	448	614	507
303	Haematology Clinical	21,374	61	826	530	534	793	1,797	3,203	5,499	5,539	2,653
314	Rehabilitation	1,862	60	1	38	162	179	191	355	287	240	409
315	Palliative Medicine	475	68	-	-	-	22	30	61	120	152	90
320	Cardiology	35,549	65	350	390	735	1,021	2,661	6,189	8,252	9,311	6,639
330	Dermatology	6,782	47	166	466	1,168	1,138	997	718	683	818	628
340	Thoracic Medicine	20,550	67	-	161	729	890	1,307	2,629	4,118	5,756	4,960
350	Infectious Diseases	171	53	-	10	15	22	24	34	26	24	16
360	Genito-urinary Medicine	35	38	-	-	6	19	6	4	-	-	-
361	Nephrology	92,088	67	401	292	1,806	3,392	7,059	12,600	19,019	28,688	18,831
370	Medical Oncology	10,185	58	453	287	156	395	947	2,038	3,093	2,446	370
400	Neurology	3,906	48	-	89	441	642	1,014	769	490	393	68
410	Rheumatology	5,402	55	78	122	169	516	821	1,320	1,306	819	251
420	Paediatrics	29,062	3	26,302	2,751	7	1	-	-	1	-	-
421	Paediatric Neurology	309	6	209	100	-	-	-	-	-	-	-

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	17,513	45	9	320	2,437	4,008	4,268	3,321	1,612	1,137	401
620	General Practice Other	6,390	20	4,355	722	104	79	92	107	127	277	527
800	Clinical Oncology	16,812	59	-	143	254	1,004	2,608	4,040	5,014	3,355	394
810	Radiology	352	44	89	6	23	18	26	45	60	61	24

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	80,182	32,993	2,343	1,022	153
101	Urology	28,444	19,443	207	989	46
110	T&O	24,371	5,221	400	1,017	94
120	ENT	13,683	6,813	287	667	40
130	Ophthalmology	16,883	15,710	48	104	12
140	Oral Surgery	4,377	3,053	77	120	35
141	Restorative Dentistry	242	235	-	-	-
142	Paediatric Dentistry	374	363	-	3	-
150	Neurosurgery	2,326	229	13	123	12
160	Plastic Surgery	5,705	2,594	946	100	63
170	Cardiac Surgery	1,234	-	5	15	5
171	Paediatric Surgery	2,195	1,063	117	49	18
172	Thoracic Surgery	1,378	278	-	90	2
180	A&E	11,872	6	4,898	4	26
190	Anaesthetics	2,041	193	90	3	10
191	Pain Management	4,154	4,143	-	5	-
300	General Medicine	131,567	18,135	6,968	384	122
301	Gastroenterology	37,925	23,935	342	100	119
302	Endocrinology	3,354	195	120	3	8
303	Haematology Clinical	21,374	11,321	111	6,188	149
314	Rehabilitation	1,862	805	-	-	5
315	Palliative Medicine	475	-	-	-	2
320	Cardiology	35,549	6,070	4,935	2,514	1,298
330	Dermatology	6,782	6,561	1	4	-
340	Thoracic Medicine	20,550	1,556	468	73	16
350	Infectious Diseases	171	-	-	-	1
360	Genito-urinary Medicine	35	1	-	-	-
361	Nephrology	92,088	1,454	50	73,514	115
370	Medical Oncology	10,185	2,244	19	6,879	67
400	Neurology	3,906	2,087	7	26	2
410	Rheumatology	5,402	4,735	3	14	2
420	Paediatrics	29,062	1,428	8,910	311	317
421	Paediatric Neurology	309	83	3	8	3
502	Gynaecology	17,513	8,024	626	866	22
620	General Practice Other	6,390	5,376	3	2	2
800	Clinical Oncology	16,812	2,395	113	12,799	26
810	Radiology	352	337	-	4	-

§ - 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 DoH, 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/dhssps-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/articles/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 DoH Internet site at:

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