



Northern Ireland Hospital Statistics

2019-2020



Acute Episode-Based Activity Statistics

Volume 1: Specialty

Published December 2020



NISRA
Northern Ireland
Statistics and Research Agency
Gníomhaireacht Thuaisceart Éireann
um Staitisticí agus Taighde

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 2020. 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-201920</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	654,478	100.0 %
<i>Proportion of the above episodes with a procedure or intervention</i>		80.5 %
Day Cases	184,384	28.2 %
<i>Proportion of the above episodes with a procedure or intervention</i>		84.3 %
Inpatients	349,389	53.4 %
<i>Proportion of the above episodes with a procedure or intervention</i>		69.9 %
Regular Day / Night Attenders	120,705	18.4 %
<i>Proportion of the above episodes with a procedure or intervention</i>		86.6 %
Patient's Age		
0-4 (includes babies born in hospital)	26,451	4.0 %
5-14	18,583	2.8 %
15-44	105,981	16.2 %
45-64	187,326	28.6 %
65-74	131,464	20.1 %
75-84	128,718	19.7 %
85 & Over	55,953	8.5 %
Unknown	<5	0.0 %

Days

Average length of stay per inpatient FCE

3.4

Admissions

	Count	Proportion
Total	521,944	100.0 %
Day Cases	184,254	35.3 %
Inpatients	217,566	41.7 %
Regular Day / Night Attenders	120,124	23.0 %
Patient's Age		
0-4 (includes babies born in hospital)	24,817	4.8 %
5-14	18,192	3.5 %
15-44	88,415	16.9 %
45-64	153,980	29.5 %
65-74	104,914	20.1 %
75-84	96,527	18.5 %
85 & Over	35,097	6.7 %
Unknown	2	0.0 %

Days

Average length of stay per inpatient admission

5.5

Discharge Episodes

	Count	Proportion
Waiting List (including booked)	162,120	31.1 %
Planned (deferred for medical and social reasons)	183,179	35.1 %
Emergency	157,090	30.1 %
Others (including Maternity and births)	19,555	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	71,734	58,085	2	1	167,310
101	Urology	29,021	27,645	1	0	26,229
110	T&O	24,595	20,296	4	2	101,492
120	ENT	11,891	11,450	1	0	12,520
130	Ophthalmology	14,147	14,117	0	0	1,918
140	Oral Surgery	3,484	3,421	1	0	3,054
141	Restorative Dentistry	212	212	0	0	-
142	Paediatric Dentistry	491	495	0	0	13
150	Neurosurgery	2,478	1,760	6	3	13,859
160	Plastic Surgery	5,502	5,286	1	0	7,404
170	Cardiac Surgery	1,034	906	11	9	11,406
171	Paediatric Surgery	1,911	1,835	1	0	2,712
172	Thoracic Surgery	1,239	1,012	4	2	5,096
180	A&E	10,555	9,458	1	1	7,349
190	Anaesthetics	1,955	1,173	4	2	8,469
191	Pain Management	3,719	3,719	0	0	528
300	General Medicine	146,645	78,279	2	1	356,555
301	Gastroenterology	38,361	29,960	1	0	44,222
302	Endocrinology	3,652	1,529	3	1	11,428
303	Haematology Clinical	28,274	26,476	1	0	35,176
314	Rehabilitation	1,444	1,390	16	0	23,144
315	Palliative Medicine	569	291	13	6	7,479
320	Cardiology	38,842	30,037	2	1	85,415
330	Dermatology	4,929	4,922	0	0	265
340	Thoracic Medicine	25,459	12,506	3	1	84,258
350	Infectious Diseases	115	45	11	2	1,307
360	Genito-urinary Medicine	37	23	10	5	406
361	Nephrology	89,329	85,541	0	0	22,232
370	Medical Oncology	12,358	12,322	1	0	9,006
400	Neurology	4,777	4,433	6	0	28,001
410	Rheumatology	5,066	5,037	1	0	3,895
420	Paediatrics	27,143	25,538	2	1	59,545
421	Paediatric Neurology	449	421	6	0	2,773
502	Gynaecology	14,768	14,292	1	0	17,634
620	General Practice Other	5,519	5,517	5	0	27,705
800	Clinical Oncology	22,365	22,169	1	0	15,379
810	Radiology	342	343	0	0	5
822	Chemical Pathology	5	<5	0	0	2
900	Community Medicine	<5	-	1	1	1

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	71,734	34,574	37,152	8
101	Urology	29,021	19,393	9,628	-
110	T&O	24,595	11,625	12,970	-
120	ENT	11,891	6,399	5,492	-
130	Ophthalmology	14,147	6,877	7,270	<5
140	Oral Surgery	3,484	1,878	1,606	-
141	Restorative Dentistry	212	109	103	-
142	Paediatric Dentistry	491	277	218	-
150	Neurosurgery	2,478	1,268	1,210	-
160	Plastic Surgery	5,502	3,262	2,240	<5
170	Cardiac Surgery	1,034	754	280	-
171	Paediatric Surgery	1,911	1,450	461	-
172	Thoracic Surgery	1,239	714	525	-
180	A&E	10,555	5,491	5,064	<5
190	Anaesthetics	1,955	1,086	869	<5
191	Pain Management	3,719	1,399	2,320	-
300	General Medicine	146,645	69,512	77,133	<5
301	Gastroenterology	38,361	19,443	18,919	-
302	Endocrinology	3,652	1,832	1,820	-
303	Haematology Clinical	28,274	16,618	11,656	-
314	Rehabilitation	1,444	825	619	-
315	Palliative Medicine	569	228	341	-
320	Cardiology	38,842	24,543	14,299	-
330	Dermatology	4,929	2,161	2,769	-
340	Thoracic Medicine	25,459	11,864	13,595	-
350	Infectious Diseases	115	88	30	-
360	Genito-urinary Medicine	37	30	9	-
361	Nephrology	89,329	53,979	35,350	-
370	Medical Oncology	12,358	5,247	7,111	-
400	Neurology	4,777	1,672	3,106	-
410	Rheumatology	5,066	1,536	3,530	-
420	Paediatrics	27,143	14,793	12,350	<5
421	Paediatric Neurology	449	248	201	-
502	Gynaecology	14,768	<5	14,768	-
620	General Practice Other	5,519	2,831	2,688	-
800	Clinical Oncology	22,365	7,481	14,884	-
810	Radiology	342	145	198	-
822	Chemical Pathology	5	<5	<5	-
900	Community Medicine	<5	-	<5	-

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	71,734	34,650	31,064	4,419	1,601
101	Urology	29,021	3,374	16,919	7,820	908
110	T&O	24,595	10,326	10,525	1,726	2,018
120	ENT	11,891	2,495	8,620	533	243
130	Ophthalmology	14,147	334	12,021	1,776	17
140	Oral Surgery	3,484	428	2,672	150	234
141	Restorative Dentistry	212	-	212	-	-
142	Paediatric Dentistry	491	-	491	<5	-
150	Neurosurgery	2,478	1,065	589	517	307
160	Plastic Surgery	5,502	887	3,792	89	735
170	Cardiac Surgery	1,034	179	776	15	64
171	Paediatric Surgery	1,911	518	1,216	81	96
172	Thoracic Surgery	1,239	334	775	60	70
180	A&E	10,555	10,529	<5	-	24
190	Anaesthetics	1,955	1,458	104	47	347
191	Pain Management	3,719	<5	2,458	1,259	<5
300	General Medicine	146,645	118,433	17,590	7,402	3,221
301	Gastroenterology	38,361	11,428	14,614	11,141	1,179
302	Endocrinology	3,652	3,265	215	73	99
303	Haematology Clinical	28,274	3,287	2,570	21,825	592
314	Rehabilitation	1,444	6	86	747	605
315	Palliative Medicine	569	318	118	43	90
320	Cardiology	38,842	21,436	9,373	1,952	6,081
330	Dermatology	4,929	17	3,549	1,363	<5
340	Thoracic Medicine	25,459	22,188	1,843	362	1,066
350	Infectious Diseases	115	98	<5	9	8
360	Genito-urinary Medicine	37	28	-	<5	9
361	Nephrology	89,329	2,404	1,689	84,168	1,068
370	Medical Oncology	12,358	1,021	159	10,946	232
400	Neurology	4,777	502	1,528	2,533	215
410	Rheumatology	5,066	97	2,202	2,743	24
420	Paediatrics	27,143	19,876	978	1,533	4,758
421	Paediatric Neurology	449	91	205	86	67
502	Gynaecology	14,768	3,134	10,738	628	269
620	General Practice Other	5,519	83	4,334	146	956
800	Clinical Oncology	22,365	1,401	1,149	19,607	208
810	Radiology	342	<5	271	71	-
822	Chemical Pathology	5	<5	<5	-	-
900	Community Medicine	<5	<5	-	-	-

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									Unknown
Code	Name			0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
100	General Surgery	71,734	57	545	2,400	4,862	6,994	9,026	12,446	13,583	12,976	8,902	-
101	Urology	29,021	64	16	301	970	1,682	2,528	4,599	6,500	7,730	4,695	-
110	T&O	24,595	56	1,137	1,485	1,675	1,812	2,176	3,526	4,126	4,352	4,306	-
120	ENT	11,891	36	2,743	1,644	1,093	1,065	1,002	1,354	1,304	1,116	570	-
130	Ophthalmology	14,147	66	326	135	285	538	779	1,660	2,717	4,308	3,400	-
140	Oral Surgery	3,484	43	339	524	427	330	340	476	406	356	286	-
141	Restorative Dentistry	212	44	-	31	42	33	23	27	19	19	18	-
142	Paediatric Dentistry	491	8	338	157	-	-	-	-	-	-	-	-
150	Neurosurgery	2,478	46	242	157	164	233	331	571	468	237	75	-
160	Plastic Surgery	5,502	51	515	332	460	564	531	723	748	842	788	-
170	Cardiac Surgery	1,034	65	-	5	13	22	64	173	297	385	75	-
171	Paediatric Surgery	1,911	6	1,440	471	-	-	-	-	-	-	-	-
172	Thoracic Surgery	1,239	60	-	13	82	92	73	219	352	303	105	-
180	A&E	10,555	47	8	701	1,838	1,821	1,677	1,768	1,107	819	816	<5
190	Anaesthetics	1,955	52	194	63	105	158	189	326	330	406	185	-
191	Pain Management	3,719	59	-	6	51	278	669	1,021	817	598	279	-
300	General Medicine	146,645	66	30	2,072	6,925	8,961	11,635	19,315	25,061	32,479	40,168	-
301	Gastroenterology	38,361	60	<5	487	2,222	3,008	4,378	7,186	8,496	7,697	4,887	-
302	Endocrinology	3,652	60	-	133	248	324	359	573	680	599	736	-
303	Haematology Clinical	28,274	62	706	696	737	1,196	1,715	4,366	6,650	8,665	3,543	-
314	Rehabilitation	1,444	59	-	52	81	104	182	307	251	172	295	-
315	Palliative Medicine	569	70	-	-	-	11	22	77	143	186	130	-
320	Cardiology	38,842	66	297	264	702	1,212	2,497	6,343	8,668	10,616	8,243	-
330	Dermatology	4,929	54	136	255	576	595	471	589	586	917	805	-
340	Thoracic Medicine	25,459	68	-	204	770	1,025	1,228	3,002	5,528	7,353	6,348	<5
350	Infectious Diseases	115	45	-	5	29	26	10	8	23	10	7	-
360	Genito-urinary Medicine	37	44	-	-	<5	18	6	14	-	-	-	-
361	Nephrology	89,329	68	320	302	1,636	2,930	7,233	11,350	17,524	24,941	23,093	-
370	Medical Oncology	12,358	60	319	168	170	593	1,162	2,477	3,699	3,232	538	-
400	Neurology	4,777	49	<5	89	506	858	998	1,085	645	510	86	-
410	Rheumatology	5,066	55	99	160	157	416	751	1,278	1,103	814	288	-

Specialty		Finished Episodes	Mean Age	Age									Unknown
Code	Name			0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
420	Paediatrics	27,143	3	23,913	3,224	<5	-	<5	-	-	<5	<5	-
421	Paediatric Neurology	449	6	323	126	-	-	-	-	-	-	-	-
502	Gynaecology	14,768	46	<5	240	1,814	3,432	3,346	2,971	1,497	1,059	407	-
620	General Practice Other	5,519	24	3,375	706	101	76	61	95	225	251	629	-
800	Clinical Oncology	22,365	61	-	37	283	1,246	2,822	5,300	6,637	4,944	1,096	-
810	Radiology	342	48	59	9	16	28	32	55	60	70	14	-
822	Chemical Pathology	5	73	-	-	-	-	-	-	<5	<5	<5	-
900	Community Medicine	<5	73	-	-	-	-	-	-	-	<5	-	-

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 Code	Name	Finished Episodes	Day Cases	Cases with zero bed days §		
				Emergency	Elective	Other
100	General Surgery	71,734	26,700	1,690	936	32
101	Urology	29,021	19,995	262	1,400	36
110	T&O	24,595	5,524	543	543	108
120	ENT	11,891	6,270	286	665	30
130	Ophthalmology	14,147	13,405	33	43	6
140	Oral Surgery	3,484	2,320	49	88	38
141	Restorative Dentistry	212	211	-	1	-
142	Paediatric Dentistry	491	484	-	-	-
150	Neurosurgery	2,478	336	13	44	2
160	Plastic Surgery	5,502	2,958	236	179	493
170	Cardiac Surgery	1,034	-	1	6	-
171	Paediatric Surgery	1,911	1,029	90	7	9
172	Thoracic Surgery	1,239	84	5	128	1
180	A&E	10,555	3	4,449	-	5
190	Anaesthetics	1,955	32	98	1	21
191	Pain Management	3,719	3,714	1	1	-
300	General Medicine	146,645	23,039	3,928	242	100
301	Gastroenterology	38,361	24,352	179	102	131
302	Endocrinology	3,652	120	62	2	-
303	Haematology Clinical	28,274	12,038	498	11,222	16
314	Rehabilitation	1,444	723	-	-	4
315	Palliative Medicine	569	-	-	2	1
320	Cardiology	38,842	7,895	4,416	1,596	1,510
330	Dermatology	4,929	4,895	-	-	-
340	Thoracic Medicine	25,459	1,530	283	24	5
350	Infectious Diseases	115	1	2	-	-
360	Genito-urinary Medicine	37	1	-	-	-
361	Nephrology	89,329	1,526	72	77,063	207
370	Medical Oncology	12,358	1,552	308	9,244	8
400	Neurology	4,777	3,212	8	7	-
410	Rheumatology	5,066	4,389	2	72	-
420	Paediatrics	27,143	1,184	7,633	670	220
421	Paediatric Neurology	449	177	9	68	2
502	Gynaecology	14,768	7,176	514	645	25
620	General Practice Other	5,519	4,337	1	1	4
800	Clinical Oncology	22,365	2,834	314	17,405	7
810	Radiology	342	338	-	2	-
822	Chemical Pathology	5	-	-	2	-
900	Community Medicine	<5	-	-	-	-

§ - 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/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/doh-statistics-and-research>