

HEADLINE FIGURES

PEDW Statistics - Data for the period 1st April 2018 to 31st March 2019

NHS Hospital Admitted Patients – Betsi Cadwaladr University Health Board Provider.

Summary

The annual PEDW data tables present analyses of the Patient Episode Database for Wales (PEDW) which is collated, validated and stored by the NHS Wales Informatics Service (NWIS) on behalf of the Welsh Government and the NHS in Wales. It is a rich source of information about patients admitted to hospitals in Wales. Data is based on 'Finished Consultant Episodes' (FCEs). Episodes describe the time a patient spends in the continuous care of one consultant within a provider spell. A provider spell is the continuous period of time that a patient spends in the care of one NHS health care provider (Local Health Board). The care starts with an admission episode and ends in discharge, transfer to another NHS provider or death. When the responsibility for a patient transfers from one consultant to another within a provider spell, one consultant episode will end and another one begins. However, in approximately 90% of cases, the provider spell consists of just one consultant episode.

Key Facts¹

In 2018/19:

- There were 191,800 Finished Consultant Episodes (FCEs) recorded, an increase of 4.2% on 2017-18 and an increase of 4.2% over the last five years.
- Of these, 166,300 were admission episodes (the first in a spell), a 4.6% increase (7,300) on the previous year and a 5.6% increase since 2014-15.
- Emergency admissions continued to rise this year with emergencies representing 52.2% of all admissions. There were 86,900 emergency admissions this year compared to 83,500 in 2017-18, an increase of 4% and of 12% over five years.
- 60,400 admissions were from waiting lists (including booked admissions), an increase of 3.5% on the previous year.
- 66.1% (126,900) of all FCEs were ordinary inpatient episodes, 27.6% (53,000) were day case episodes.
- 50.8% of all FCEs (93.5% of day case episodes) involved some form of procedure or intervention.
- 3.2% of admissions (5,300) were from patients not normally resident within Wales, this activity was consistent with last year's figure.

¹ Figures in the Key Facts have been rounded to the nearest hundred. Percentage calculations are based on the un-rounded figures.

Data Quality

Primary diagnosis coding completeness: This data was extracted from the PEDW database in August 2019. The clinical coding section of the APC Data Quality Status report advises that five organisations (ABM, BCU, Cardiff & Vale, Powys and Velindre) met both clinical coding completeness targets. The other three met the national standard of 95% coded within 3 months of episode end date but failed to achieve the 98% target for rolling 12 months' data - Cwm Taf (94.1%), Hywel Dda (94.6%) and Aneurin Bevan with only 89.6.% records being complete.

Treatment specialty re-coding: From April 2016, new codes were introduced for describing specialties to add more detail to data collections. Currently, not all health boards are reporting this data consistently using the more detailed codes. For this publication, treatment specialties have been recoded as their previous description to avoid inconsistent reporting.

Assessment Unit Activity: Assessment and clinical decision units are often used as a potential alternative to admission, however, the configuration of these units within health boards along with current national data standards can result in this activity being recorded as admitted inpatient records. In addition to this, there is variation in the way that Local Health Boards (LHBs) report assessment unit activity and for this reason, it is difficult to identify. It is advised that care should be taken when comparing activity that may include Assessment Unit activity with other Health Boards and with previous years. This mainly affects emergency and maternity inpatient admissions and may also have an effect on length of stay and bed days.

Publication Links

- PEDW Data on-line [Notes and definitions](#)
- [2018/19 Data Quality Report](#)
- [NHS Wales Data Dictionary](#)

Trends

Charts 1 and 2 have been included to provide an indication of the trend for some of the key facts noted above (2014-15 to 2018-19). Data for years other than the latest year have been taken from previous publications.

Chart 1: Number of FCEs and admission episodes 2014-15 to 2018-19

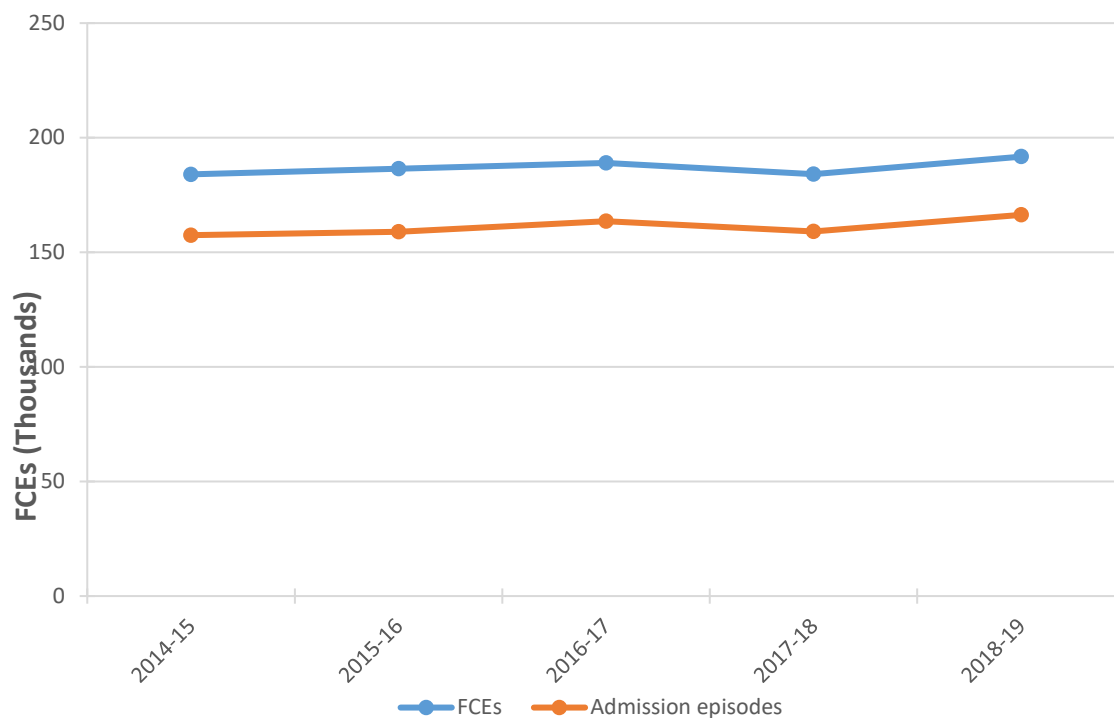


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. Overall there has been an increase in FCE activity (up 4.2%) over the past five years and an increase of 5.6% in admission episodes.

Chart 2: Number of admission episodes by admission method 2014-15 to 2018-19

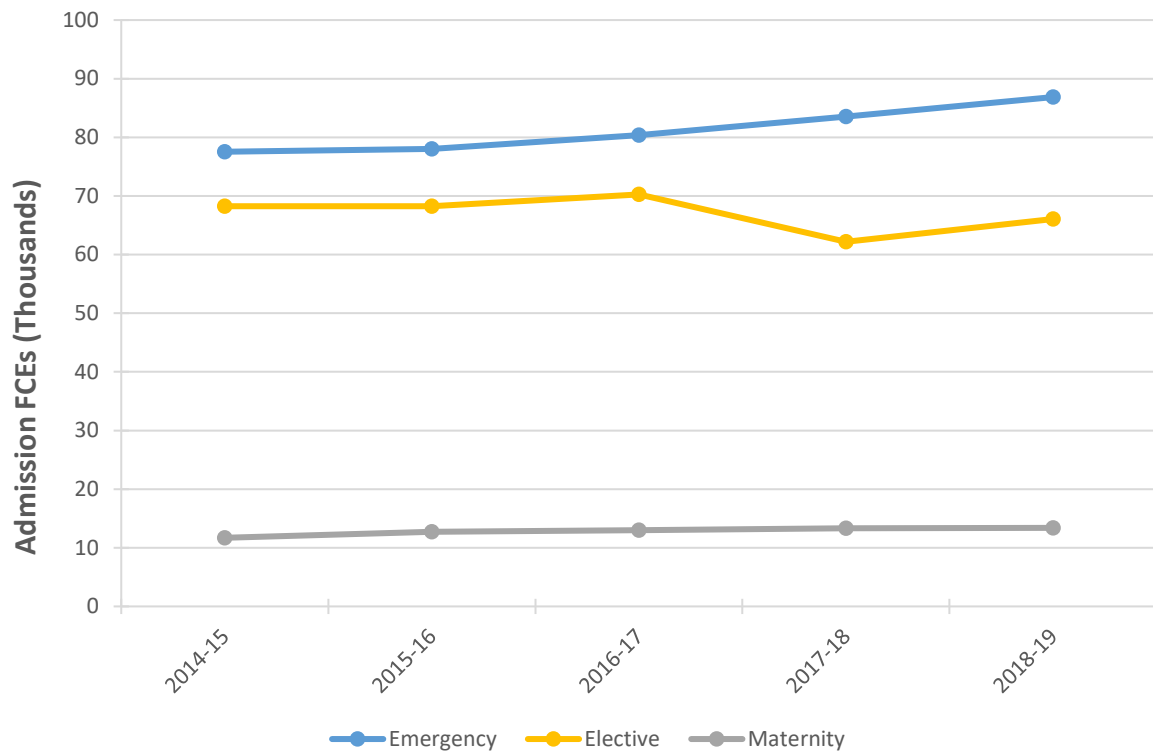


Chart 2 shows the volume of admission episodes split by admission method over time. Emergency admissions make up the majority of admissions (52.2% in 2018-19) and there has been an overall rise in emergency admissions from 2014-15 to 2018-19. Elective admissions numbers decreased sharply in 2017-18 by 11.5% (a decrease of 8,000), they have increased in the latest year but are still down by 3.2% from 2014-15. Maternity admissions have remained stable with 13,400 admissions this year compared to 13,300 in 2017-18.

HEADLINE FIGURES

PEDW Statistics - Data for the period 1st April 2018 to 31st March 2019

NHS Hospital Admitted Patients - Betsi Cadwaladr University Health Board Provider

Finished Consultant Episodes - FCEs (excl. Regular Attender episodes)

Total	191,726	100.0%
Proportion of the above episodes with a procedure or intervention:	50.8%	

FCEs by Patient Classification

Inpatient FCEs	126,893	66.2%
Proportion of the above episodes with a procedure or intervention:	34.1%	
Day Case FCEs	53,004	27.6%
Proportion of the above episodes with a procedure or intervention:	93.5%	
Mothers Using Delivery Facilities Only: FCEs	11,829	6.2%
Patient Classification Unknown: FCEs	0	0.0%

FCEs by Patients' Age

0 - 4	10,206	5.3%
5 - 14	6,398	3.3%
15 - 24	11,597	6.0%
25 - 44	31,376	16.4%
45 - 64	39,778	20.7%
65 - 74	34,492	18.0%
75 - 84	35,583	18.6%
85 & Over	22,296	11.6%
Not known	0	0.0%

FCEs and Average Bed days by Broad Specialty Groups (the specialty under which the patient is treated¹)

	FCEs	Bed days
All Specialties	126,893	5.5
All Non-Psychiatric Specialties Excluding Geriatrics	114,144	4.0
All Non-Psychiatric Specialties	124,603	4.9
All Psychiatric Specialties	2,278	37.6
Acute	111,069	4.0
Maternity	3,075	2.0
Geriatrics	10,459	15.2
Mental Illness	2,244	34.8
Learning Disability	34	222.1

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	678	0.35%
------------------------------------	-----	-------

Delivery Episodes²

FCEs: Mothers giving birth (all patient classifications)	5,982	3.12%
--	-------	-------

FCEs in Spell Breakdown

1 episode only	88.01%
2 episodes	9.63%
3 episodes	1.95%
4 or more episodes	0.41%

Admission Episodes (only the first episode of care in each hospital stay is counted).

Total			166,324	100.0%
	Inpatient	Daycase		
Elective admission episodes	13,093	52,971	66,064	39.7%
Waiting List	9,632	47,420	57,052	
Booked	829	2,481	3,310	
Planned	1,258	3,070	4,328	
Other Elective Admissions (transfers)	1,374	0	1,374	
Emergency admission episodes			86,863	52.2%
A&E			50,207	
GP			22,056	
Other Emergency			14,600	
Other admission episodes (including maternity)			13,397	8.1%

Discharge Episodes (only the last episode of care in each hospital stay is counted)

Total	166,251	100.0%
Deaths in hospital (including stillbirths)	3,390	2.0%

Discharge Episodes (inpatients only) and Average Length of Stay by Broad Specialty Groups (the specialty under which the patient is treated¹)

	Elective		Emergency		Other ³		All Admissions	
	FCEs	LOS	FCEs	LOS	FCEs	LOS	FCEs	LOS
All Specialties	13,083	7.6	86,795	6.9	2,672	2.1	102,550	6.8
All Non-Psych Spec. excl. Geriatrics	12,077	4.6	77,104	5.0	2,670	2.1	91,851	4.8
All Non-Psychiatric	12,982	6.6	84,886	6.2	2,671	2.1	100,539	6.1
All Psychiatric Specialties	89	152.1	1,909	38.6	1	**	1,999	43.7
Acute	11,994	4.6	76,699	5.0	103	1.6	88,796	4.9
Maternity	83	1.8	405	1.4	2,567	2.1	3,055	2.0
Geriatrics	905	32.8	7,782	18.0	1	**	8,688	19.6
Mental Illness	71	132.7	1,897	37.7	1	**	1,969	41.1
Learning Disability	18	228.9	12	180.1	0	-	30	209.4

Non-Welsh Residents Treated in Betsi Cadwaladr ULHB

FCEs	6,039	3.15%
Admission Episodes	5,311	3.19%

***Regular Day and Night Attender Episodes (these episodes have not been included elsewhere)**

Total	31,100
--------------	---------------

[1] In publications prior to 2012/13, the consultants main specialty was used for all specialty figures in the headlines publication. From 2012/13, to comply with current best practice and to match other publications, this was changed to the specialty under which the patient was treated. This means that specialty figures prior to 2012/13 will not be comparable to specialty figures provided for 2012/13 onwards in the headlines publication. Please refer to the NHS Wales data dictionary <http://www.datadictionary.wales.nhs.uk> for definitions.

[2] Please note that the definition for delivery episodes changed from the 2012/13 publication onwards, therefore the data will not be comparable to previous years. Please see the Notes and Definitions document accompanying this release for further information.

[3] Other refers to any other type of admission method other than elective or emergency (includes maternity admissions).

Please note percentage breakdowns may not always add up due to rounding .

**Calculated values such as average length of stay or average beddays are not provided where based on less than 10 values

	Finished Episodes	Admissions	Male	Female	Emerg	Waiting List	Waiting Time		Length of Stay		Mean Age	Inpatient	Day Case
							Mean	Median	Mean	Median			
Procedures (main)													
Cataract	5,700	5,700	41%	59%	0%	91%	265.3	122.0	1.8	1.0	76	1%	99%
Upper digestive tract	9,055	8,437	48%	52%	8%	89%	122.0	44.0	9.5	5.0	63	19%	81%
Heart (CABG)	1	-	100%	0%	0%	0%	**	**	-	-	-	-	-
Heart (PTCA)	892	807	73%	27%	71%	28%	41.5	35.0	2.2	1.0	65	97%	3%
Hip	1,591	1,559	38%	62%	38%	61%	457.5	314.0	7.3	4.0	73	100%	0%
Knee	911	911	91%	43%	0%	98%	515.0	365.0	4.3	4.0	70	100%	0%
Kidney transplant	-	-	-	-	-	-	-	-	-	-	-	-	-
Diagnosis (anywhere in admitting episode)													
Sepsis	5,182	3,221	54%	46%	92%	2%	240.8	39.0	15.1	8.0	70	99%	0%