

HEADLINE FIGURES

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

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

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 221,700 Finished Consultant Episodes (FCEs) recorded, an increase in activity of 3.7% on 2017-18. Over the five years 2014-15 to 2018-19 FCE activity has risen by 4.6%.
- Of these, 191,600 were admission episodes (the first in a spell), a 4.1% increase (7,500) on the previous year. The number of admission episodes have increased over the five years 2014-15 to 2018-19 by 5.4%.
- Emergency admissions continue to rise this year with emergencies representing 47.4% of all admissions and making up the majority of admissions for Betsi Cadwaladr University Health Board residents. There were 90,900 emergencies this year compared to 87,600 in 2017-18, an increase of 3.8% and a 11.3% increase since 2014-15.
- 74,300 admissions were from waiting lists (including booked admissions), an increase of 3.7% on the previous year.
- 65.4% (145,000) of all FCEs were ordinary inpatient episodes, 29.9% (66,300) were day case episodes.
- 53.8% of all FCEs (93.3% of day case episodes) involved some form of procedure or intervention.
- 30,200 admissions for Betsi Cadwaladr University Health Board Residents took place outside of Wales in non-Welsh providers representing 15.7% of all admissions.

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

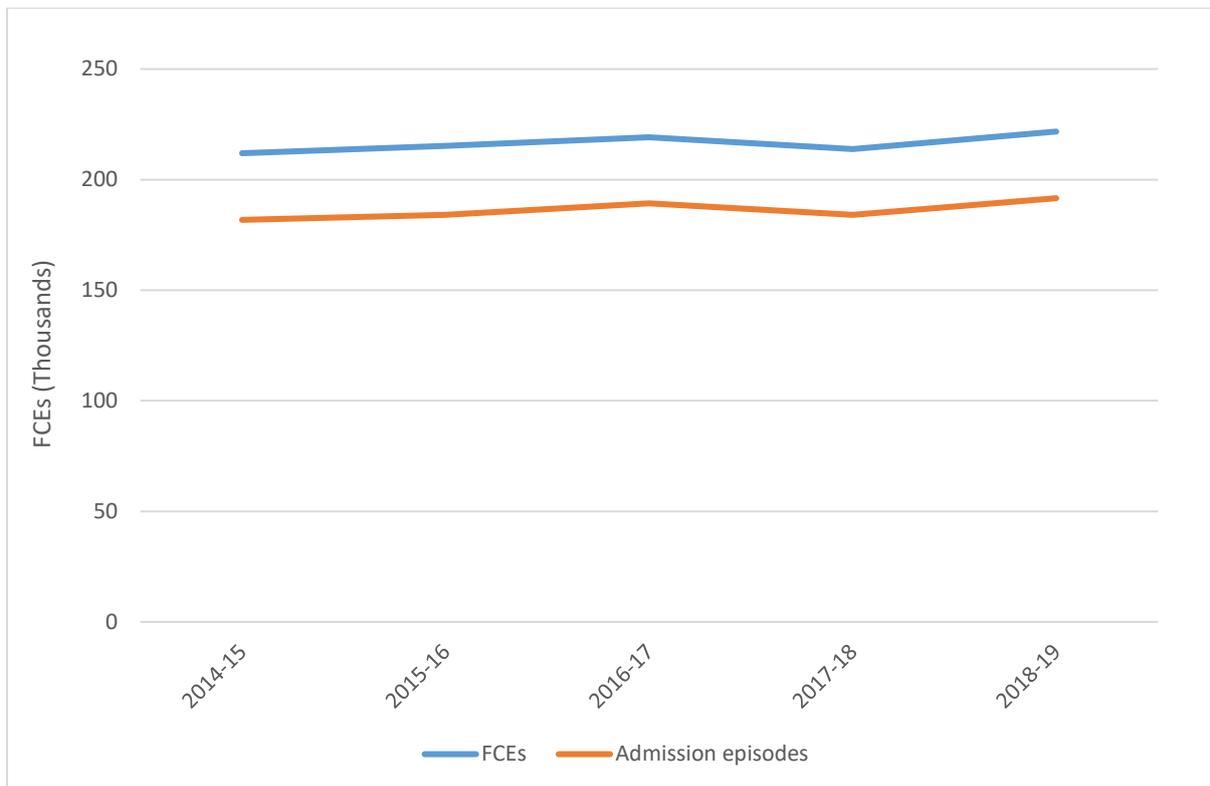


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. Both FCEs and admission episode activity have increased in the last year following a drop in activity 2016-17 to 2017-18. Over the five years, there has been an overall 4.6% increase in FCE activity and an overall 5.4% rise in admission episode activity. The gap between FCEs and admission episodes has been similar between 2014-15 and 2018-19 indicating that the proportion of spells having just one, or two or more FCEs within the spell of care has remained relatively consistent over that time period.

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

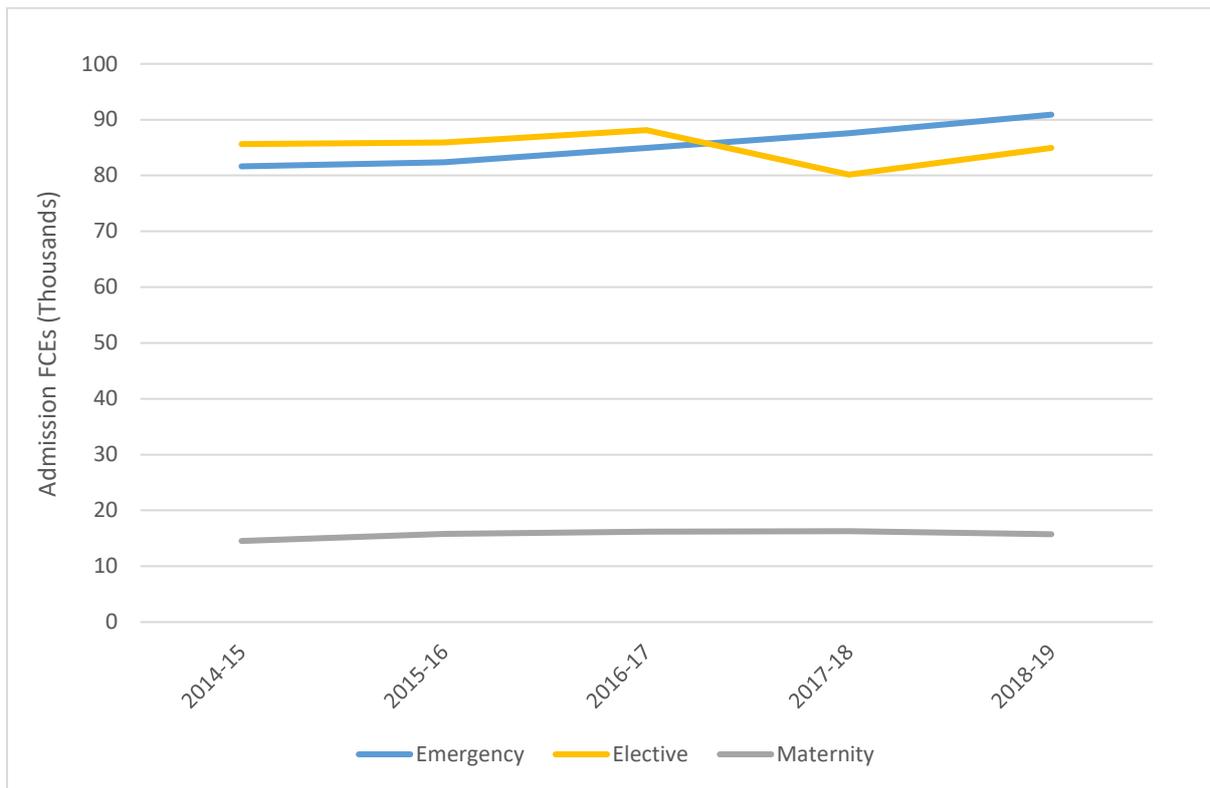


Chart 2 shows the volume of admission episodes split by admission method over time. Emergency admissions made up the majority of admissions (47.4%) and have increased year-on-year over the last five years with 81,600 admissions in 2014-15 compared to 90,900 admissions in 2018-19, a rise of 11.3%. Elective admissions, having increased year-on-year to 2016-17 then dropped 9% to 80,200 admissions in 2017-18. They have since increased by 5.9% to 84,200 in 2018-19. Maternity admissions decreased by 3.2% in 2018-19 following year on year increases since 2014-15.

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NHS Hospital Admitted Patients - Betsi Cadwaladr University Health Board Residents

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

Total	221,728	100.0%
Proportion of the above episodes with a procedure or intervention:	53.8%	

FCEs by Patient Classification

Inpatient FCEs	145,031	65.4%
Proportion of the above episodes with a procedure or intervention:	36.8%	
Day Case FCEs	66,288	29.9%
Proportion of the above episodes with a procedure or intervention:	93.3%	
Mothers Using Delivery Facilities Only: FCEs	10,409	4.7%
Patient Classification Unknown: FCEs	0	0.0%

FCEs by Patients' Age

0 - 4	11,880	5.4%
5 - 14	8,506	3.8%
15 - 24	13,429	6.1%
25 - 44	36,572	16.5%
45 - 64	47,107	21.2%
65 - 74	39,834	18.0%
75 - 84	40,112	18.1%
85 & Over	24,288	11.0%
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	145,031	5.3
All Non-Psychiatric Specialties Excluding Geriatrics	131,704	4.0
All Non-Psychiatric Specialties	142,898	4.8
All Psychiatric Specialties	2,120	36.7
Acute	126,286	4.1
Maternity	5,418	1.5
Geriatrics	11,194	14.3
Mental Illness	2,089	33.9
Learning Disability	31	230.4

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	1,062	0.5%
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Delivery Episodes²

FCEs: Mothers giving birth (all patient classifications)	6,084	2.7%
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FCEs in Spell Breakdown

1 episode only		88.2%
2 episodes		9.1%
3 episodes		2.1%
4 or more episodes		0.6%

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

Total			191,581	100.0%
	Inpatient	Daycase		
Elective admission episodes	18,698	66,220	84,918	44.3%
Waiting List	13,307	51,176	64,483	
Booked	1,943	7,843	9,786	
Planned	2,057	7,201	9,258	
Other Elective Admissions (transfers)	1,391	0	1,391	
Emergency admission episodes			90,902	47.4%
A&E			53,514	
GP			22,562	
Other Emergency			14,826	
Other admission episodes (including maternity)			15,761	8.2%

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

Total	191,506	100.0%
Deaths in hospital (including stillbirths)	3,631	1.9%

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	18,685	6.6	90,835	6.9	6,280	3.4	115,800	6.7
All Non-Psych Spec. excl. Geriatrics	17,698	4.7	80,983	5.1	6,268	3.3	104,949	5.0
All Non-Psychiatric	18,596	6.0	89,042	6.3	6,275	3.3	113,913	6.1
All Psychiatric Specialties	77	154.5	1,792	38.1	5	**	1,874	42.8
Acute	17,620	4.7	80,600	5.2	1,343	10.2	99,563	5.1
Maternity	78	1.8	383	1.5	4,925	1.4	5,386	1.5
Geriatrics	898	32.8	8,059	17.6	7	**	8,964	19.1
Mental Illness	61	134.0	1,781	37.1	5	**	1,847	40.3
Learning Disability	16	232.3	11	195.8	0	-	27	217.4

Betsi Cadwaladr ULHB Residents Treated in Non-Welsh Providers

FCEs	35,462	16.0%
Admission Episodes	30,164	15.7%

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

Total	33,250
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[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. Please note, percentage breakdowns may not always add up to 100% due to rounding.

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

**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	6,352	6,352	41%	59%	0%	92%	244.8	110.0	1.8	1.0	75	1%	99%
Upper digestive tract	10,407	9,693	48%	52%	7%	87%	113.2	41.0	10.0	5.0	62	19%	81%
Heart (CABG)	175	156	85%	15%	24%	69%	38.0	32.0	11.9	9.0	68	100%	0%
Heart (PTCA)	908	811	74%	26%	66%	31%	42.9	36.0	2.3	1.0	65	95%	5%
Hip	2,050	2,005	38%	62%	31%	65%	372.6	239.0	6.7	4.0	72	100%	0%
Knee	1,236	1,236	1236	42%	0%	95%	420.6	267.5	4.4	4.0	70	100%	0%
Kidney transplant	42	41	67%	33%	41%	41%	11.5	0.0	11.5	10.0	51	100%	0
Diagnosis (anywhere in admitting episode)													
Sepsis	5,854	3,505	54%	46%	90%	2%	164.1	27.0	15.7	9.0	69	99%	0%