

HEADLINE FIGURES

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

NHS Hospital Admitted Patients – Hywel Dda 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 119,600 Finished Consultant Episodes (FCEs) recorded, a slight decrease of 1% on 2017-18, however there has been an overall increase of 11.8% over the last five years 2014-15 to 2018-19.
- Of these episodes, 105,200 were admission episodes (the first in a spell), a 0.5% drop (500) on the previous year and a 9.2% increase since 2014-15.
- 44.7% (47,000) of all admissions were emergencies, this activity has remained stable over the last 3 years.
- Elective admissions make up the majority of admissions (49.2%) for Hywel Dda University Health Board.
- 49,600 admissions were from waiting lists (including booked admissions), an increase of 3.5% on 2017-18.
- 63.4% (75,900) of all FCEs were ordinary inpatient episodes, 36.6% (43,800) were day case episodes.
- 58.5% of all episodes (92.5% of day case episodes) involved some form of procedure or intervention.
- 1,100 admissions (1.1%) were from patients not normally resident within Wales.

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.

Treatment specialty data quality note: An increase of 23,000 episodes has been found between this year and last year's figures for General Medicine in Hywel Dda University Health Board (provider). Consequently, a combined decrease of 23,000 episodes has been found other specialties, in particular Respiratory Medicine, Cardiology, Gastroenterology and Geriatric Medicine. This is a reversal of last years' data where 26,000 episodes that had previously been recorded as General Medicine were recorded as other specialties. The Treatment Function Code (TFC) against which Health Boards record activity is determined locally. There can be cases where activity previously recorded against one specialty (e.g. General Medicine) can be moved to other specialties to enhance local reporting or service configuration. This is not necessarily related to the introduction of new TFCs in April 2016.

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

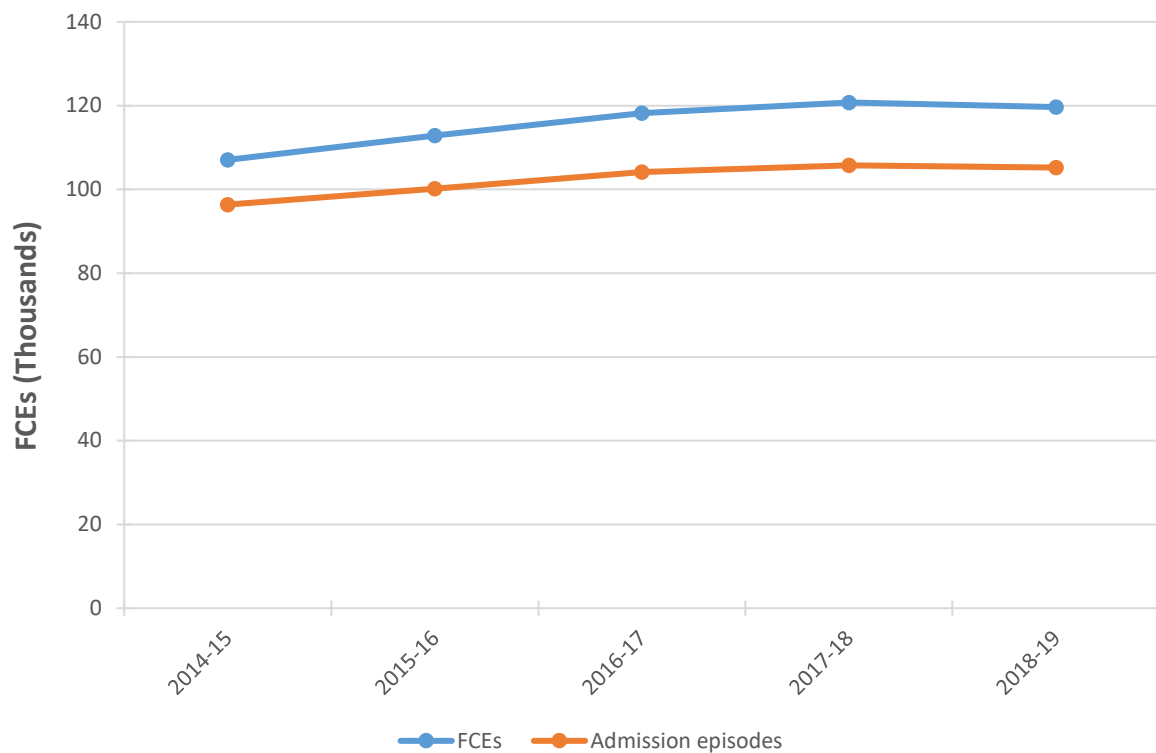


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. There has been a slight drop in both FCEs (0.9%) and admissions episodes (0.5%) this year following increases over previous years 2014-15 to 2017-18.

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

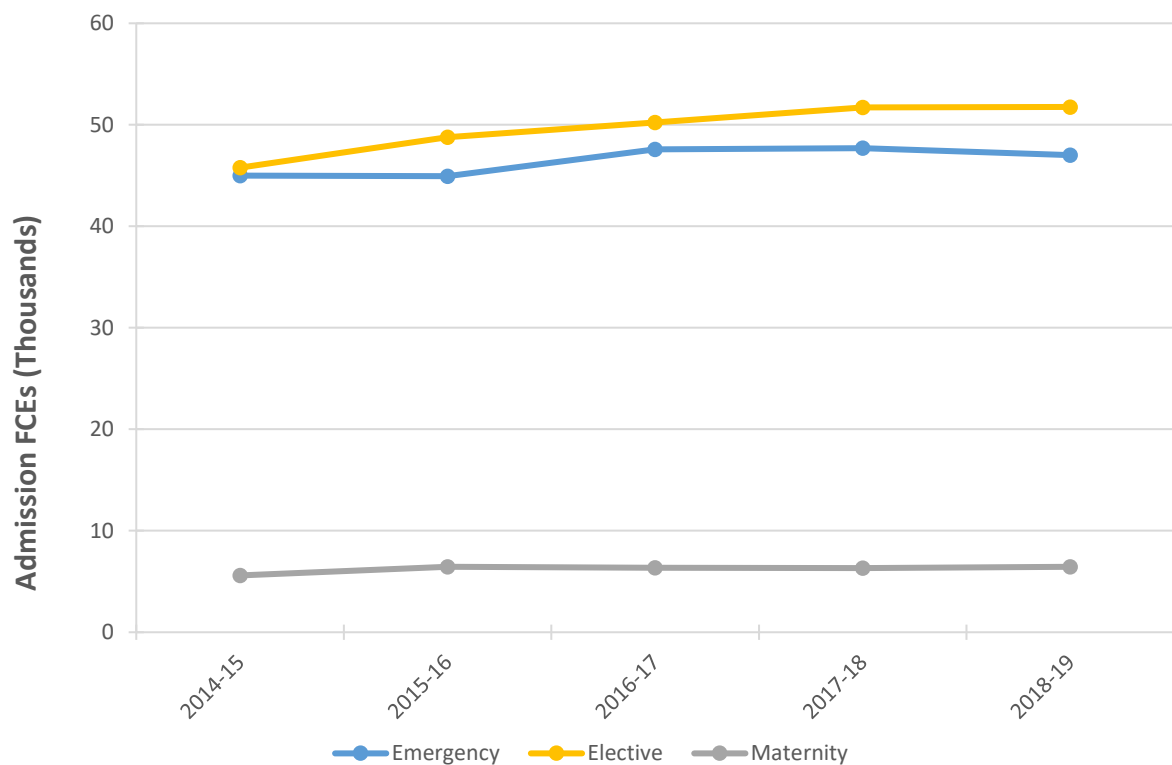


Chart 2 shows the volume of admission episodes split by admission method over time. Elective admissions make up the majority of admissions in Hywel Dda University Health Board (49.2% in 2018-19). Elective admissions have remained relatively stable in the latest year following year on year increases 2014-15 to 2017-18. Emergency and maternity admission rates have remained relatively stable.

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NHS Hospital Admitted Patients - Hywel Dda University Health Board Provider

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

Total	119,639	100.0%
Proportion of the above episodes with a procedure or intervention:	58.5%	

FCEs by Patient Classification

Inpatient FCEs	75,883	63.4%
Proportion of the above episodes with a procedure or intervention:	38.8%	
Day Case FCEs	43,756	36.6%
Proportion of the above episodes with a procedure or intervention:	92.5%	
Mothers Using Delivery Facilities Only: FCEs	-	0.0%
Patient Classification Unknown: FCEs	0	0.0%

FCEs by Patients' Age

0 - 4	6,149	5.1%
5 - 14	3,668	3.1%
15 - 24	6,137	5.1%
25 - 44	16,235	13.6%
45 - 64	25,593	21.4%
65 - 74	24,207	20.2%
75 - 84	24,197	20.2%
85 & Over	13,453	11.2%
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	75,883	5.4
All Non-Psychiatric Specialties Excluding Geriatrics	74,063	4.5
All Non-Psychiatric Specialties	74,830	4.7
All Psychiatric Specialties	1,053	49.4
Acute	67,092	4.8
Maternity	6,970	1.3
Geriatrics	767	27.5
Mental Illness	1,040	39.3
Learning Disability	13	858.2

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	6	0.0%
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Delivery Episodes²

FCEs: Mothers giving birth (all patient classifications)	2,891	2.4%
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FCEs in Spell Breakdown

1 episode only	89.8%
2 episodes	8.2%
3 episodes	1.3%
4 or more episodes	0.7%

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

Total			105,209	100.0%
	Inpatient	Daycase		
Elective admission episodes	8,008	43,750	51,758	49.2%
Waiting List	7,037	39,370	46,407	
Booked	740	2,468	3,208	
Planned	231	1,912	2,143	
Other Elective Admissions (transfers)	-	0	0	
Emergency admission episodes			47,001	44.7%
A&E			27,963	
GP			6,882	
Other Emergency			12,156	
Other admission episodes (including maternity)			6,450	6.1%

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

Total	105,236	100.0%
Deaths in hospital (including stillbirths)	2,004	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	8,009	2.6	47,027	8.2	6,450	1.3	61,486	6.7
All Non-Psych Spec. excl. Geriatrics	8,008	2.6	45,421	6.7	6,450	1.3	59,879	5.5
All Non-Psychiatric	8,009	2.6	46,087	7.0	6,450	1.3	60,546	5.9
All Psychiatric Specialties	0	-	940	62.5	0	-	940	62.5
Acute	7,654	2.7	45,268	6.7	19	3.7	52,941	6.1
Maternity	353	1.9	153	1.8	6,431	1.3	6,937	1.4
Geriatrics	1	8.0	666	33.4	0	-	667	33.3
Mental Illness	0	-	927	46.4	0	-	927	46.4
Learning Disability*	0	-	13	#####	0	-	13	1,210.5

Non-Welsh Residents Treated in Hywel Dda LHB

FCEs	1,298	1.1%
Admission Episodes	1,135	1.1%

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

Total	13,149
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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.

[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.

* 2 patients have been recorded with exceptionally long LOS of > 5,000 days

**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	2,139	2,138	43%	57%	0%	99%	133.4	83.0	1.5	0.0	75	1%	99%
Upper digestive tract	4,948	4,405	47%	53%	6%	93%	64.7	24.0	10.5	4.0	64	18%	82%
Heart (CABG)	-	-	-	-	-	-	-	-	-	-	-	-	-
Heart (PTCA)	3	3	67%	33%	100%	0%	**	**	**	**	**	100%	0%
Hip	1,020	996	40%	60%	30%	68%	305.5	290.0	9.4	4.0	73	100%	0%
Knee	694	691	69%	43%	1%	98%	359.9	357.0	4.8	4.0	71	100%	0%
Kidney transplant	-	-	-	-	-	-	-	-	-	-	-	-	-
Diagnosis (anywhere in admitting episode)													
Sepsis	3,572	2,194	51%	49%	96%	2%	91.2	2.0	15.3	8.0	71	100%	0%