

## HEADLINE FIGURES

### **PEDW Statistics - Data for the period 1st April 2018 to 31st March 2019** **NHS Hospital Admitted Patients – Hywel Dda 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 Facts<sup>1</sup>**

##### **In 2018/19:**

- There were 128,300 Finished Consultant Episodes (FCEs) recorded, a slight decrease of 0.5% on 2017-18, however, there has been an increase in FCE activity of 10% over the five years 2014-15 to 2018-19.
- Of these episodes, 111,700 were admission episodes (the first in a spell), a 0.3% decrease on the previous year with a 7.4% rise overall since 2014-15.
- 42.7% of all admissions were emergencies (47,700), this activity is similar to the previous year (48,100 in 2017-18). Emergency admissions have increased 4.8% overall since 2014-15.
- 53,000 admissions were from waiting lists (including booked admissions) compared to 55,100 in 2017-18, a decrease of 3.9%.
- Elective admissions make up the majority of admissions (50.6%) for Hywel Dda University Health Board residents.
- 64.3% (82,600) of all FCEs were ordinary inpatient episodes, 35.6% (45,700) were day case episodes.
- 59.9% of all episodes (92.4% of day case episodes) involved some form of procedure or intervention.
- 1,400 admissions for Hywel Dda University Health Board residents (1.3%) took place outside of Wales in non-Welsh providers.

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<sup>1</sup> 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**

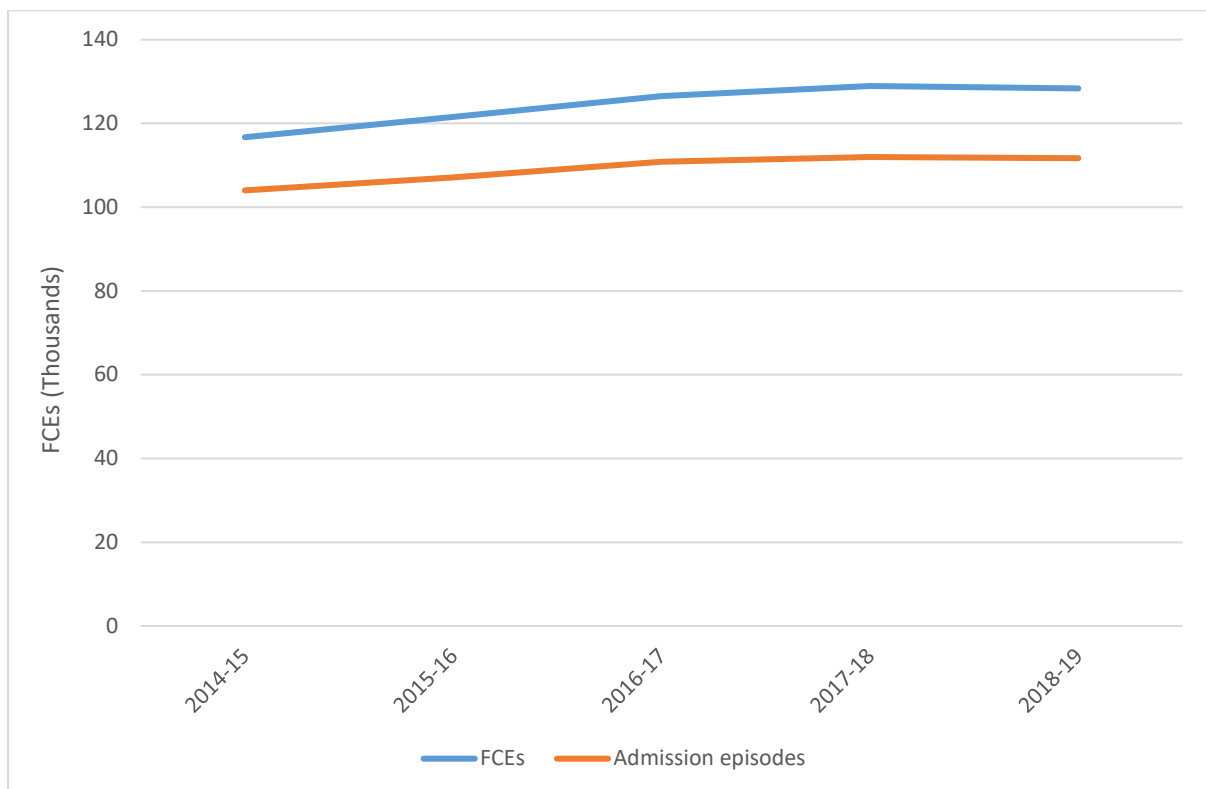


Chart 1 shows the volume of episodes and admission episodes each year. FCEs and admission episodes have remained stable over the past two years, however, there has been a general increase over time for both. FCEs increased from 116,700 in 2014-15 to 128,300 in 2018-19 (up 10%) and admission episodes increased from 104,000 in 2014-15 to 111,700 in 2018-19 (up 7.4%).

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

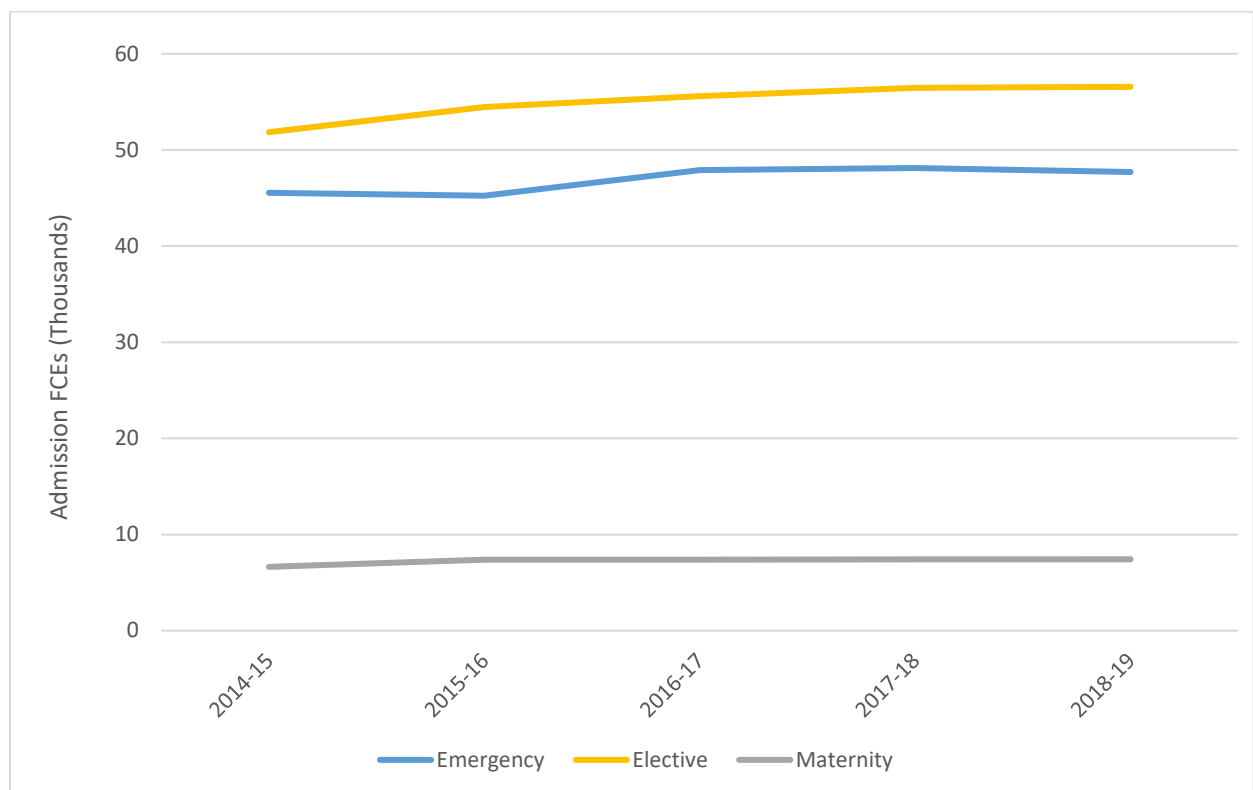


Chart 2 shows the volume of admission episodes split by admission method over time. Elective admissions make up the majority of admissions for Hywel Dda University Health Board residents (50.6% in 2018-19) and admissions have remained stable over the last two years with a slight increase of 0.2% (102). However, we can see an overall increase in both elective (9.1%) and emergency (4.8%) admissions over the past five years. In contrast, maternity admission rates have remained relatively stable since 2015-16.

## HEADLINE FIGURES

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

NHS Hospital Admitted Patients - Hywel Dda University Health Board Residents

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

<b>Total</b>	<b>128,338</b>	<b>100.0%</b>
Proportion of the above episodes with a procedure or intervention:	59.9%	

### FCEs by Patient Classification

<b>Inpatient FCEs</b>	<b>82,574</b>	<b>64.3%</b>
Proportion of the above episodes with a procedure or intervention:	41.9%	
<b>Day Case FCEs</b>	<b>45,740</b>	<b>35.6%</b>
Proportion of the above episodes with a procedure or intervention:	92.4%	
<b>Mothers Using Delivery Facilities Only: FCEs</b>	<b>23</b>	<b>0.0%</b>
<b>Patient Classification Unknown: FCEs</b>	<b>1</b>	<b>0.0%</b>

### FCEs by Patients' Age

0 - 4	6,508	5.1%
5 - 14	4,066	3.2%
15 - 24	7,333	5.7%
25 - 44	18,076	14.1%
45 - 64	28,334	22.1%
65 - 74	25,886	20.2%
75 - 84	24,937	19.4%
85 & Over	13,198	10.3%
Not known	0	0.0%

### FCEs and Average Bed days by Broad Specialty Groups (the specialty under which the patient is treated<sup>1</sup>)

	<b>FCEs</b>	<b>Bed days</b>
<b>All Specialties</b>	<b>82,574</b>	<b>5.3</b>
All Non-Psychiatric Specialties Excluding Geriatrics	80,729	4.5
All Non-Psychiatric Specialties	81,491	4.7
All Psychiatric Specialties	1,083	47.8
Acute	72,833	4.8
Maternity	7,892	1.3
Geriatrics	762	26.9
Mental Illness	1,069	37.4
Learning Disability	14	838.6

### Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	98	0.1%
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### Delivery Episodes<sup>2</sup>

FCEs: Mothers giving birth (all patient classifications)	3,037	2.4%
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### FCEs in Spell Breakdown

1 episode only	89.7%
2 episodes	7.7%
3 episodes	1.7%
4 or more episodes	0.9%

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

<b>Total</b>			<b>111,696</b>	<b>100.0%</b>
	Inpatient	Daycase		
<b>Elective admission episodes</b>	10,851	45,710	<b>56,562</b>	<b>50.6%</b>
Waiting List	8,656	40,391	49,047	
Booked	1,141	2,777	3,918	
Planned	552	2,542	3,095	
Other Elective Admissions (transfers)	502	0	502	
<b>Emergency admission episodes</b>			<b>47,707</b>	<b>42.7%</b>
A&E			26,646	
GP			7,237	
Other Emergency			13,824	
<b>Other admission episodes (including maternity)</b>			<b>7,427</b>	<b>6.6%</b>

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

<b>Total</b>	<b>111,740</b>	<b>100.0%</b>
Deaths in hospital (including stillbirths)	2,046	1.8%

### Discharge Episodes (inpatients only) and Average Length of Stay by Broad Specialty Groups (the specialty under which the patient is treated<sup>1</sup>)

	Elective		Emergency		Other <sup>3</sup>		All Admissions	
	FCEs	LOS	FCEs	LOS	FCEs	LOS	FCEs	LOS
<b>All Specialties</b>	<b>10,851</b>	<b>4.1</b>	<b>47,744</b>	<b>8.0</b>	<b>7,411</b>	<b>1.6</b>	<b>66,006</b>	<b>6.7</b>
All Non-Psych Spec. excl. Geriatrics	10,836	3.8	46,142	6.7	7,406	1.6	64,384	5.6
All Non-Psychiatric	10,839	3.8	46,792	7.0	7,406	1.6	65,037	5.9
All Psychiatric Specialties	12	199.9	952	57.5	5	**	969	59.2
Acute	10,470	3.9	45,984	6.7	190	11.7	56,644	6.2
Maternity	362	2.0	158	1.8	7,216	1.3	7,736	1.4
Geriatrics	3	24.0	650	33.1	0	-	653	33.0
Mental Illness	11	151.2	939	41.7	5	**	955	43.0
Learning Disability*	1	**	13	#####	0	-	14	1,165.7

### Hywel Dda LHB Residents Treated in Non-Welsh Providers

FCEs	1,770	1.4%
Admission Episodes	1,423	1.3%

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

<b>Total</b>	<b>14,409</b>
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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).

\* 3 patients have been recorded with an exceptionally long LOS of > 2,000 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			
<b>Procedures (main)</b>													
Cataract	2,015	2,015	43%	57%	0%	99%	130.7	79.0	1.6	1.0	75	1%	99%
Upper digestive tract	4,933	4,356	47%	53%	6%	93%	64.8	25.0	10.0	4.0	63	20%	80%
Heart (CABG)	165	100	81%	19%	9%	77%	98.2	91.0	16.4	12.0	70	100%	0%
Heart (PTCA)	603	325	71%	29%	69%	25%	151.9	135.5	2.9	1.0	67	91%	9%
Hip	1,009	987	41%	59%	28%	69%	298.8	286.0	9.0	4.0	72	100%	0%
Knee	682	679	67%	44%	1%	97%	357.3	355.0	5.0	4.0	70	100%	0%
Kidney transplant	17	17	53%	47%	71%	29%	**	**	14.0	11.0	54	100%	0
<b>Diagnosis (anywhere in admitting episode)</b>													
Sepsis	3,519	2,141	52%	48%	93%	3%	89.0	12.0	15.8	8.0	70	100%	0%