

## HEADLINE FIGURES

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

#### NHS Hospital Admitted Patients – Cwm Taf 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 106,100 Finished Consultant Episodes (FCEs) recorded, an increase of 3.7% on 2017-18. Over the five years 2014-15 to 2018-19, FCE activity has increased by 10.2%.
- Of these, 84,500 were admission episodes (the first in a spell), a 4.6% increase (3700) on the previous year and an overall 9.2% rise since 2014-15.
- Emergency admissions continue to rise this year with emergencies representing 54.2% of all admissions. There were 45,800 emergency admissions this year compared to 44,100 in 2017-18, an increase of 3.9% and an increase of 16% over the five years 2014-15 to 2018-19.
- 30,400 admissions were from waiting lists (including booked admissions), an increase of 6.2% on the previous year.
- 73.7% (78,200) of all FCEs were ordinary inpatient episodes, 22.6% (24,000) were day case episodes.
- 51.9% of all FCEs (96.3% of day case episodes) involved some form of procedure or intervention.
- 700 admissions took place outside of Wales for Cwm Taf University Health Board residents in non-Welsh providers, this represented 0.9% of all admissions.

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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.

**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**

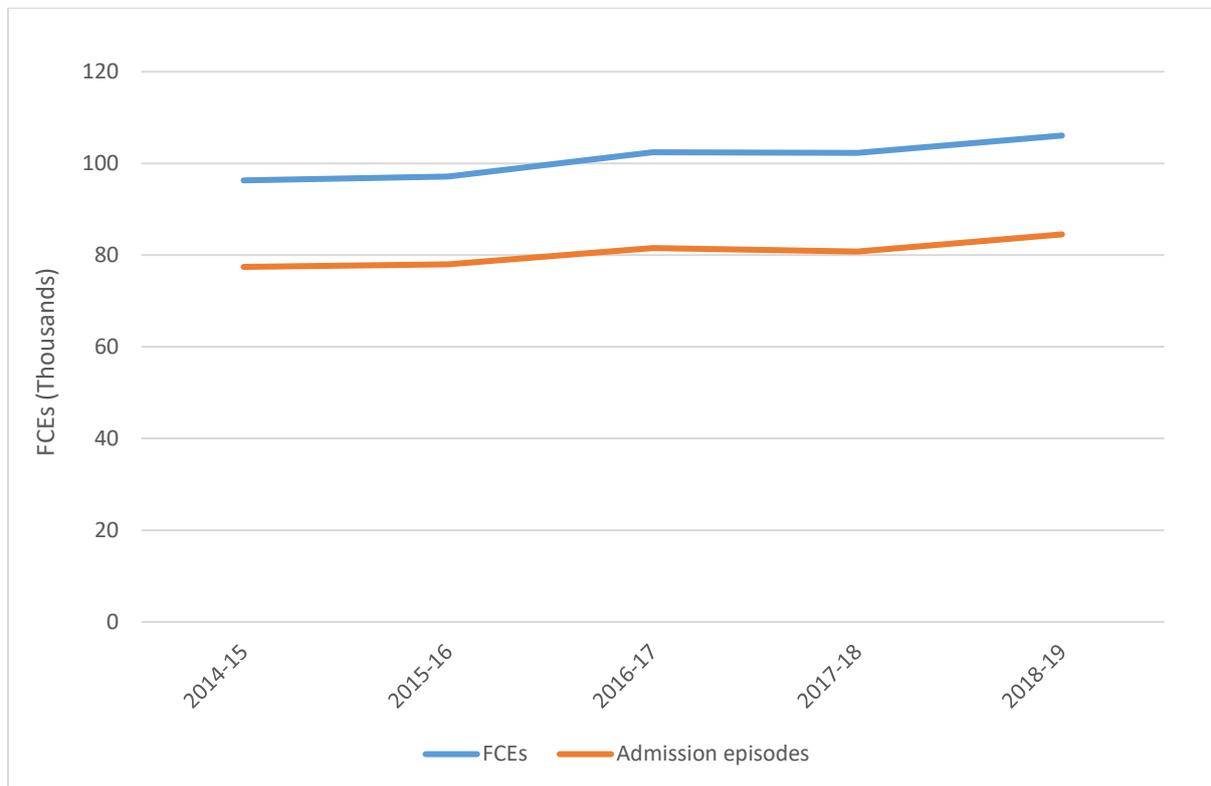


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. There has been a rise in activity for 2018-19 with FCEs increasing by 3.7% and admission episodes by 4.6%. There has been an overall rise in activity for Cwm Taf University Health Board residents from 2014-15 for both FCEs (up 10.2%) and admissions episodes (up 9.2%).

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

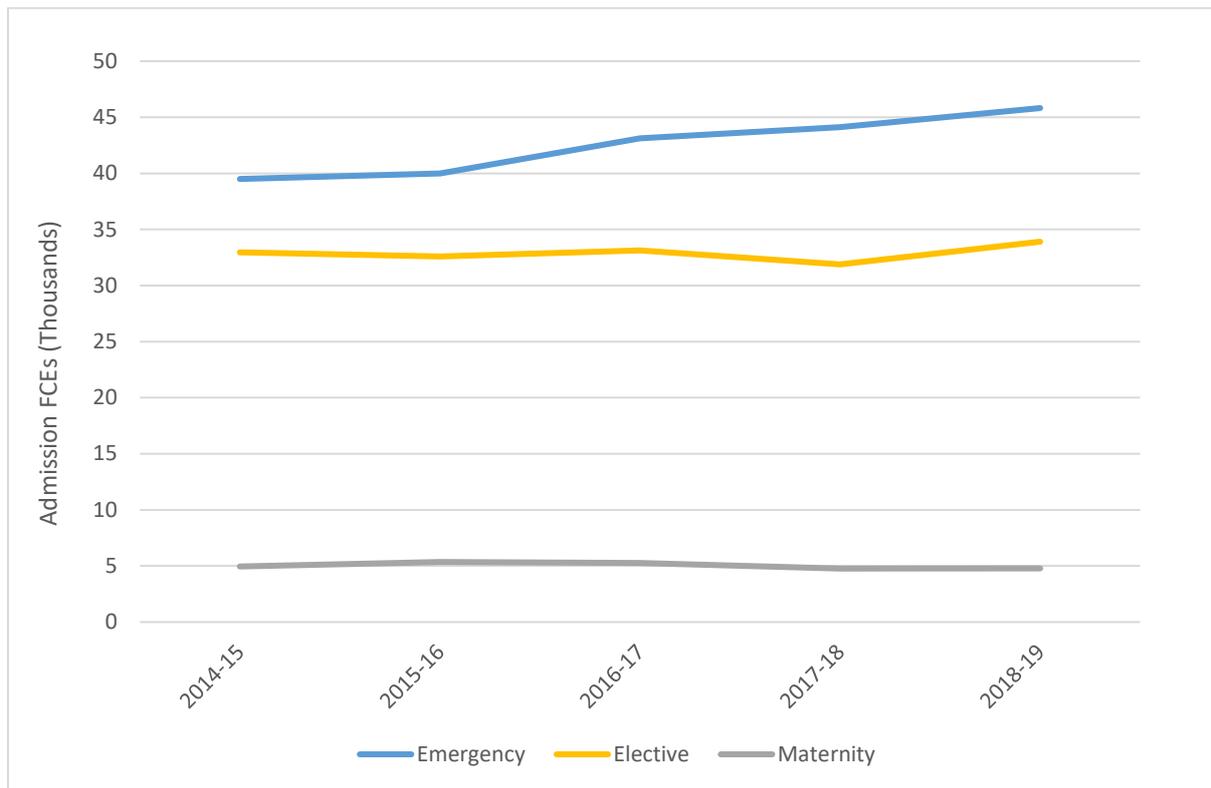


Chart 2 shows the volume of admission episodes split by admission method over time. Emergency admissions make up the majority of admissions for Cwm Taf University Health Board residents (54.2% in 2018-19) and there has been an overall rise of 16% in emergency activity over the last five years. Elective activity has increased by 6.3% in 2018-19 following a drop in the previous year. Maternity activity has remained stable over the last two years 2017-18 to 2018-19 with a slight increase of 0.1% (7) in the latest year.

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NHS Hospital Admitted Patients - Cwm Taf University Health Board Residents

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

<b>Total</b>	<b>106,069</b>	<b>100.0%</b>
Proportion of the above episodes with a procedure or intervention:	51.9%	

### FCEs by Patient Classification

<b>Inpatient FCEs</b>	<b>78,201</b>	<b>73.7%</b>
Proportion of the above episodes with a procedure or intervention:	36.9%	
<b>Day Case FCEs</b>	<b>23,950</b>	<b>22.6%</b>
Proportion of the above episodes with a procedure or intervention:	96.3%	
<b>Mothers Using Delivery Facilities Only: FCEs</b>	<b>3,917</b>	<b>3.7%</b>
<b>Patient Classification Unknown: FCEs</b>	<b>1</b>	<b>0.0%</b>

### FCEs by Patients' Age

0 - 4	8,062	7.6%
5 - 14	4,215	4.0%
15 - 24	6,654	6.3%
25 - 44	18,297	17.3%
45 - 64	25,555	24.1%
65 - 74	18,235	17.2%
75 - 84	16,033	15.1%
85 & Over	9,016	8.5%
Not known	2	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>78,201</b>	<b>4.6</b>
All Non-Psychiatric Specialties Excluding Geriatrics	75,641	3.4
All Non-Psychiatric Specialties	76,906	4.0
All Psychiatric Specialties	1,289	39.2
Acute	74,993	3.5
Maternity	645	1.5
Geriatrics	1,265	37.2
Mental Illness	1,269	37.3
Learning Disability	20	159.0

### Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	54	0.1%
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### Delivery Episodes<sup>2</sup>

FCEs: Mothers giving birth (all patient classifications)	3,122	2.9%
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### FCEs in Spell Breakdown

1 episode only	83.6%
2 episodes	11.0%
3 episodes	3.5%
4 or more episodes	1.9%

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

Total			84,512	100.0%
	Inpatient	Daycase		
<b>Elective admission episodes</b>	9,982	23,928	<b>33,911</b>	<b>40.1%</b>
Waiting List	6,774	18,454	25,228	
Booked	675	4,451	5,126	
Planned	439	1,023	1,463	
Other Elective Admissions (transfers)	2,094	0	2,094	
<b>Emergency admission episodes</b>			<b>45,823</b>	<b>54.2%</b>
A&E			31,043	
GP			8,096	
Other Emergency			6,684	
<b>Other admission episodes (including maternity)</b>			<b>4,778</b>	<b>5.7%</b>

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

Total	84,507	100.0%
Deaths in hospital (including stillbirths)	1,795	2.1%

### 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>9,987</b>	<b>12.8</b>	<b>45,813</b>	<b>4.9</b>	<b>1,027</b>	<b>4.3</b>	<b>56,827</b>	<b>6.3</b>
All Non-Psych Spec. excl. Geriatrics	8,809	6.5	44,833	4.4	1,024	4.1	54,666	4.8
All Non-Psychiatric	9,687	10.6	44,992	4.5	1,024	4.1	55,703	5.5
All Psychiatric Specialties	299	85.3	821	29.1	2	**	1,122	44.1
Acute	8,789	6.5	44,685	4.4	570	6.3	54,044	4.8
Maternity	20	2.9	148	1.6	454	1.4	622	1.5
Geriatrics	878	51.3	159	16.0	0	-	1,037	45.9
Mental Illness	293	77.8	807	29.0	2	**	1,102	42.0
Learning Disability*	6	**	14	34.1	0	-	20	159.0

### Cwm Taf LHB residents Treated in Non-Welsh Providers

FCEs	855	0.8%
Admission Episodes	730	0.9%

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

<b>Total</b>	<b>16,174</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).

\*\*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	1,428	1,428	44%	56%	0%	100%	101.1	72.5	1.3	1.0	74	2%	98%
Upper digestive tract	5,098	4,270	48%	52%	4%	91%	67.6	37.0	8.0	2.0	60	24%	76%
Heart (CABG)	106	87	74%	26%	32%	66%	86.7	82.0	13.9	11.0	68	100%	0%
Heart (PTCA)	494	475	71%	29%	61%	36%	70.6	56.0	2.3	1.0	65	71%	29%
Hip	587	558	36%	64%	39%	61%	154.5	156.0	9.6	7.0	72	100%	0%
Knee	346	346	34%	40%	0%	99%	180.5	189.0	5.7	5.0	70	100%	0%
Kidney transplant	20	20	70%	30%	75%	20%	**	**	**	**	**	100%	0
<b>Diagnosis (anywhere in admitting episode)</b>													
Sepsis	2,562	1,275	53%	47%	70%	2%	46.0	28.0	18.0	9.0	61	96%	0%