

## HEADLINE FIGURES

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

#### NHS Hospital Admitted Patients – Powys Teaching 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 50,900 Finished Consultant Episodes (FCEs) recorded, an increase of 4.5% on 2017-18. FCE activity has increased year-on-year for the past five years, with a 12.9% increase 2014-15 to 2018-19.
- Of these, 41,100 were admission episodes (the first in a spell), and there was a 4.7% rise in activity on the previous year and a 13.4% increase since 2014-15.
- Emergency admissions continue to rise for Powys Teaching Health Board residents this year with emergencies representing 37.3% of all admissions. There were 15,300 emergency admissions this year compared to 14,700 in 2017-18, an increase of 4.1% and 13.6% since 2014-15.
- Elective admissions make up the majority of admissions for Powys Teaching Health Board residents (57.4% in 2018-19).
- 17,200 admissions were from waiting lists (including booked admissions), an increase of 6.9% on the previous year.
- 62.9% (32,000) of all FCEs were ordinary inpatient episodes, 36.2% (18,400) were day case episodes.
- 58.5% of all FCEs (95.5% of day case episodes) involved some form of procedure or intervention.
- 23,600 admissions took place outside of Wales for Powys Teaching Health Board residents in non-Welsh providers, representing 57.4% of all admissions. This was an increase in activity of 5.7% on the previous year and 16.2% overall since 2014-15.

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<sup>1</sup> Figures in the Key Facts have been rounded to the nearest ten. Percentage calculations are based on the unrounded 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**

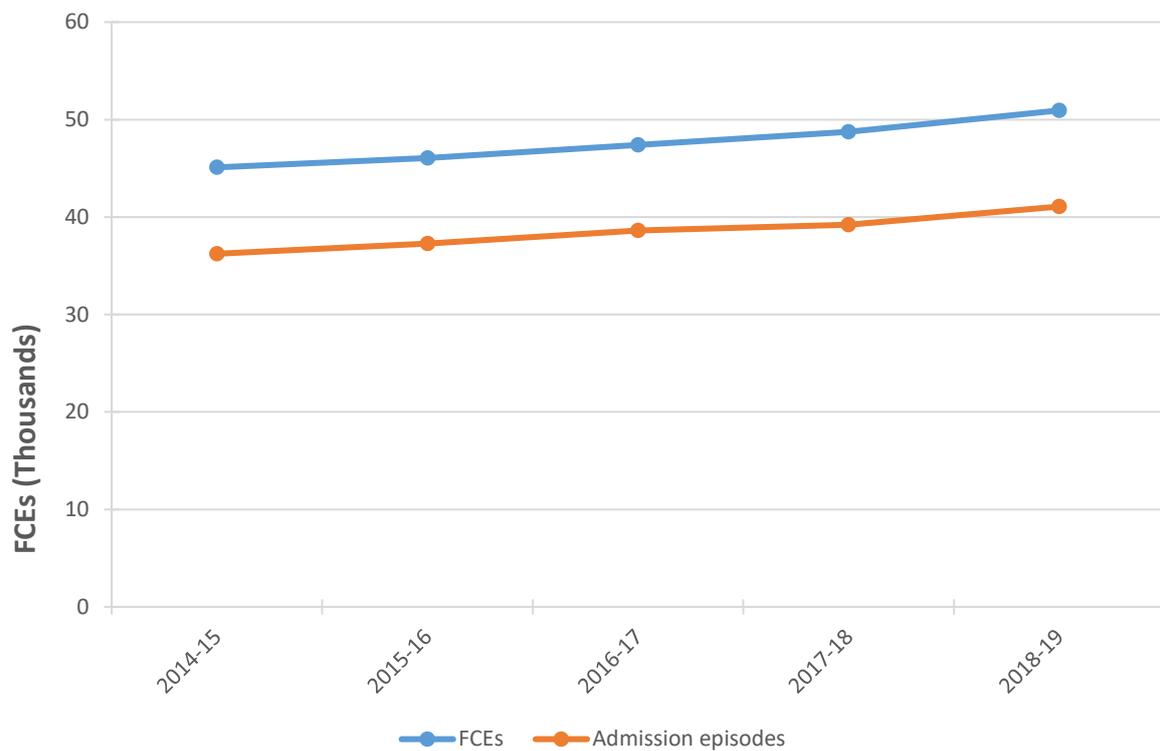


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. Both FCEs and admission episodes have increased year-on-year for Powys Teaching Health Board residents from 2014-15 to 2018-19. FCE activity is up 12.9% and admission episode activity is up 13.4%.

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

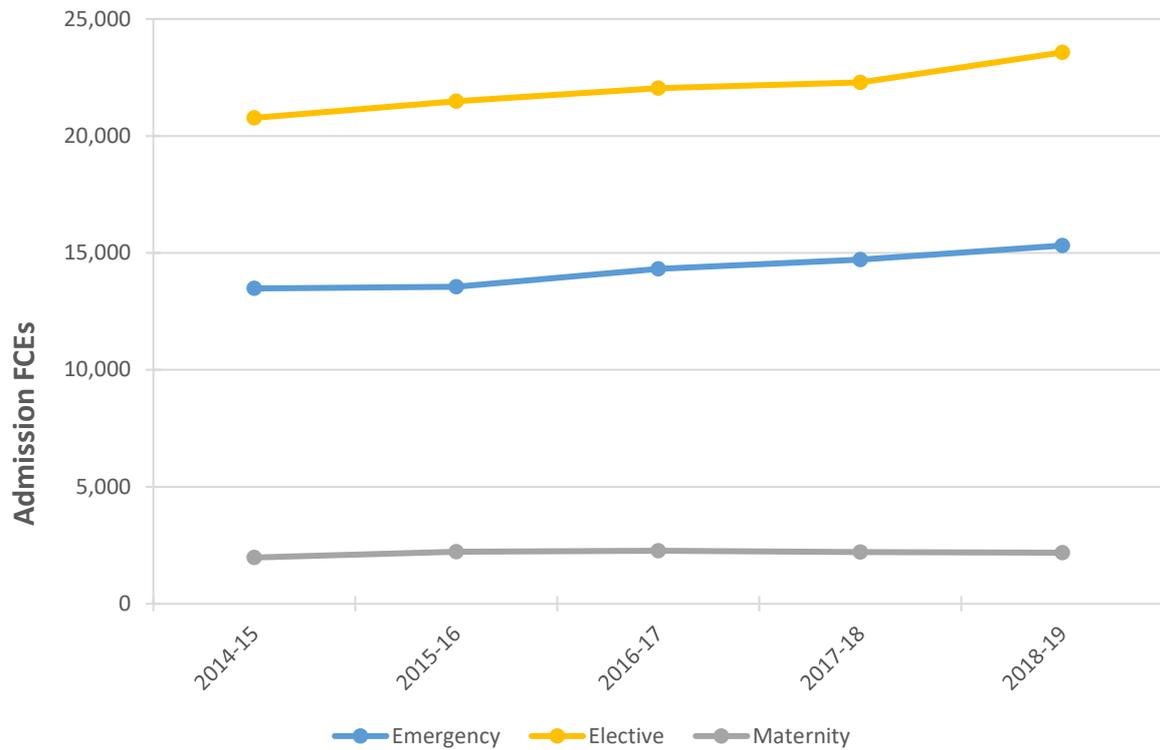


Chart 2 shows the volume of admission episodes split by admission method over time. Elective admissions make up the majority of admissions for Powys Teaching Health Board residents (57.4% in 2018-19) and there has been an increase in both elective and emergency activity from 2014-15 to 2018-19. Maternity activity has remained relatively stable in the last two years with a slight decrease of 1.2% in 2018-19.

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NHS Hospital Admitted Patients - Powys Teaching Health Board Residents

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

<b>Total</b>	<b>50,934</b>	<b>100.0%</b>
Proportion of the above episodes with a procedure or intervention:	58.5%	

### FCEs by Patient Classification

<b>Inpatient FCEs</b>	<b>32,040</b>	<b>62.9%</b>
Proportion of the above episodes with a procedure or intervention:	37.5%	
<b>Day Case FCEs</b>	<b>18,418</b>	<b>36.2%</b>
Proportion of the above episodes with a procedure or intervention:	95.5%	
<b>Mothers Using Delivery Facilities Only: FCEs</b>	<b>474</b>	<b>0.9%</b>
<b>Patient Classification Unknown: FCEs</b>	<b>2</b>	<b>0.0%</b>

### FCEs by Patients' Age

0 - 4	1,811	3.6%
5 - 14	1,288	2.5%
15 - 24	2,060	4.0%
25 - 44	6,017	11.8%
45 - 64	11,445	22.5%
65 - 74	11,186	22.0%
75 - 84	10,736	21.1%
85 & Over	6,391	12.5%
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>32,040</b>	<b>4.8</b>
All Non-Psychiatric Specialties Excluding Geriatrics	30,336	4.1
All Non-Psychiatric Specialties	31,754	4.5
All Psychiatric Specialties	285	37.9
Acute	28,840	4.2
Maternity	1,496	1.5
Geriatrics	1,418	12.7
Mental Illness	283	37.8
Learning Disability	2	51.5

### Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	131	0.3%
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### Delivery Episodes<sup>2</sup>

FCEs: Mothers giving birth (all patient classifications)	928	1.8%
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### FCEs in Spell Breakdown

1 episode only		85.3%
2 episodes		9.0%
3 episodes		3.7%
4 or more episodes		2.0%

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

Total			41,074	100.0%
	Inpatient	Daycase		
<b>Elective admission episodes</b>	5,193	18,378	<b>23,571</b>	<b>57.4%</b>
Waiting List	3,272	12,390	15,662	
Booked	448	1,067	1,515	
Planned	376	4,921	5,297	
Other Elective Admissions (transfers)	1,097	0	1,097	
<b>Emergency admission episodes</b>			<b>15,314</b>	<b>37.3%</b>
A&E			8,780	
GP			4,986	
Other Emergency			1,548	
<b>Other admission episodes (including maternity)</b>			<b>2,189</b>	<b>5.3%</b>

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

<b>Total</b>	<b>41,058</b>	<b>100.0%</b>
Deaths in hospital (including stillbirths)	770	1.9%

### 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>5,194</b>	<b>11.8</b>	<b>15,296</b>	<b>5.7</b>	<b>1,775</b>	<b>2.6</b>	<b>22,265</b>	<b>6.9</b>
All Non-Psych Spec. excl. Geriatrics	4,830	9.6	14,391	5.0	1,769	2.6	20,990	5.9
All Non-Psychiatric	5,098	11.0	15,114	5.4	1,772	2.6	21,984	6.5
All Psychiatric Specialties	96	54.2	181	30.8	3	**	280	38.8
Acute	4,783	9.7	14,358	5.0	467	5.3	19,608	6.2
Maternity	47	1.9	33	1.9	1,302	1.6	1,382	1.6
Geriatrics	268	35.9	723	13.2	3	**	994	19.3
Mental Illness	96	54.2	179	30.6	3	**	278	38.7
Learning Disability	0	-	2	**	0	-	2	**

### Powys Teaching LHB Residents Treated in Non-Welsh Providers

FCEs	29,351	57.6%
Admission Episodes	23,592	57.4%

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

<b>Total</b>	<b>4,068</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	1,287	1,285	42%	58%	0%	99%	117.4	103.0	1.5	1.0	76	1%	99%
Upper digestive tract	2,555	2,341	49%	51%	5%	88%	57.4	31.0	8.6	5.0	64	16%	84%
Heart (CABG)	33	24	88%	12%	29%	58%	82.6	80.5	13.0	11.0	70	100%	0%
Heart (PTCA)	201	162	78%	22%	73%	15%	42.6	38.5	2.1	0.5	67	92%	8%
Hip	493	477	41%	59%	24%	69%	163.0	130.0	6.2	4.0	72	100%	0%
Knee	369	369	36%	41%	1%	95%	181.5	151.5	4.6	4.0	70	100%	0%
Kidney transplant	1	1	100%	0%	0%	100%	**	**	**	**	**	100%	0%
<b>Diagnosis (anywhere in admitting episode)</b>													
Sepsis	1,297	575	54%	46%	82%	3%	36.9	10.0	15.6	9.0	71	100%	0%