

## HEADLINE FIGURES

### PEDW Statistics - Data for the period 1st April 2019 to 31st March 2020

#### 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 2019/20:

- There were 50,500 Finished Consultant Episodes (FCEs) recorded representing a slight decrease of 1% following year on year increases since 2015-16. There has been an overall increase of 9.7% over the past five years.
- Of these, 41,100 were admission episodes (the first in a spell), representing no change from the previous year. However, there has been a 10.4% increase over a five-year period 2015-16 – 2019-20.
- Emergency admissions continue to rise for Powys Teaching Health Board residents this year with emergencies representing 37.8% of all admissions. There were 15,500 emergency admissions this year an increase of 1.4% and 14.6% since 2015-16.
- Elective admissions make up the majority of admissions for Powys Teaching Health Board residents (56.8% in 2019-20).
- 16,900 admissions were from waiting lists (including booked admissions), a slight decrease of 1.8% in the latest year.
- 62.1% (31,400) of all FCEs were ordinary inpatient episodes, 36.9% (18,600) were day case episodes.
- 58% of all FCEs (94% of day case episodes) involved some form of procedure or intervention.
- 23,500 admissions took place outside of Wales for Powys Teaching Health Board residents in non-Welsh providers, representing 57.1% of all admissions. This represents an increase in activity of 13.1% overall since 2015-16.

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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 un-rounded figures.

## Data Quality

**Primary diagnosis coding completeness:** This data was extracted from the PEDW database in September 2020. The clinical coding section of the APC Data Quality Status report advises that four organisations (BCU, Powys, Swansea Bay and Velindre) met both clinical coding completeness targets. C&V 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, while the other three organisations (Aneurin Bevan, Cwm Taf Morgannwg and Hywel Dda) did not meet either target.

**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.

**Data validity data quality note:** The validity targets for Main Specialty (Consultant) and Speciality of Treatment Code are being met every year by all organisations apart from Powys. The records that are causing this low validity mainly relate to activity where a general practitioner is responsible for the patient during their inpatient stay and/or where the patient is treated under the speciality of general practice. The main specialty code relating to GPs changed when the list of values for this data item was revised in April 2015 as per DSCN 2014 / 078 and the speciality of treatment codes for general practice ceased to be valid in April 2016 as per DSCN 2014/089. Although other organisations have also submitted such activity, this issue has been highlighted in Powys as it accounts for a high proportion of their overall activity. An upgrade to the WPAS system is needed before the validity of these data items will improve.

## Publication Links

- [PEDW Data on-line Notes and definitions](#)
- [2019/20 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 (2015-16 to 2019-20). Data for years other than the latest year have been taken from previous publications.

**Chart 1: Number of FCEs and admission episodes 2015-16 to 2019-20**

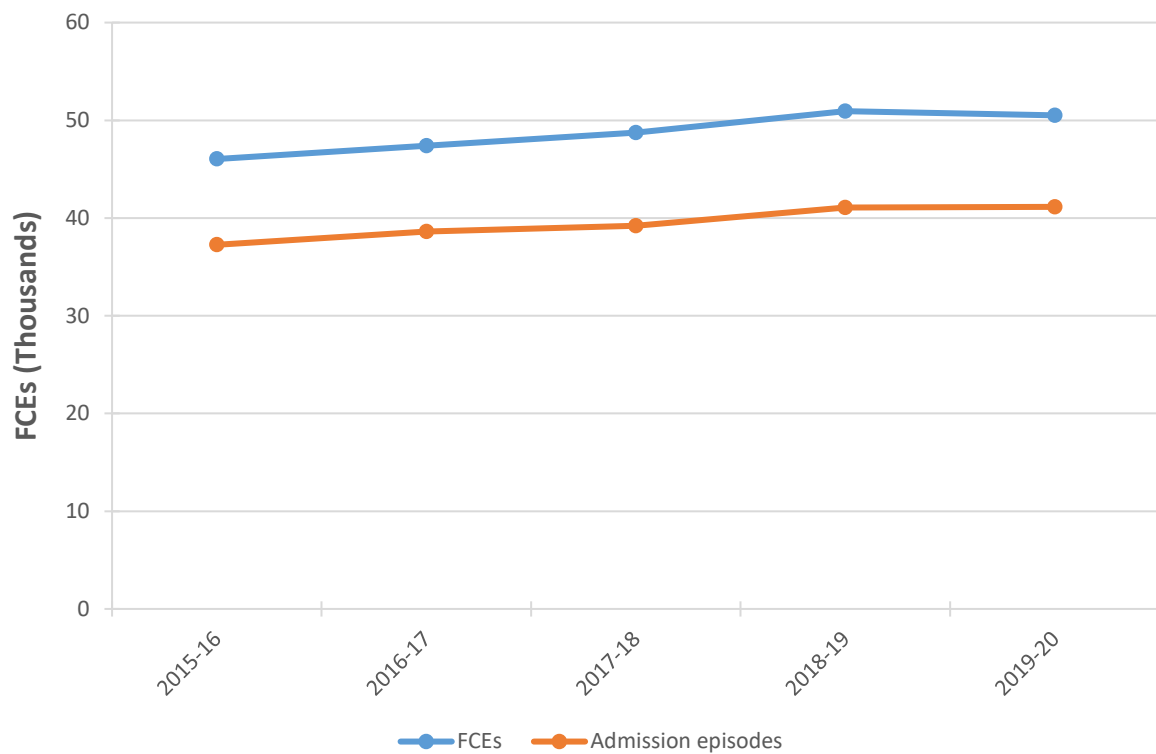


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. Total FCEs decreased slightly this year following year on year increases (9.7%) since 2015-16. Admission episodes have remained stable over the last year but have seen a rise of 10.4% over the last five years.

**Chart 2: Number of admission episodes by admission method 2015-16 to 2019-20**

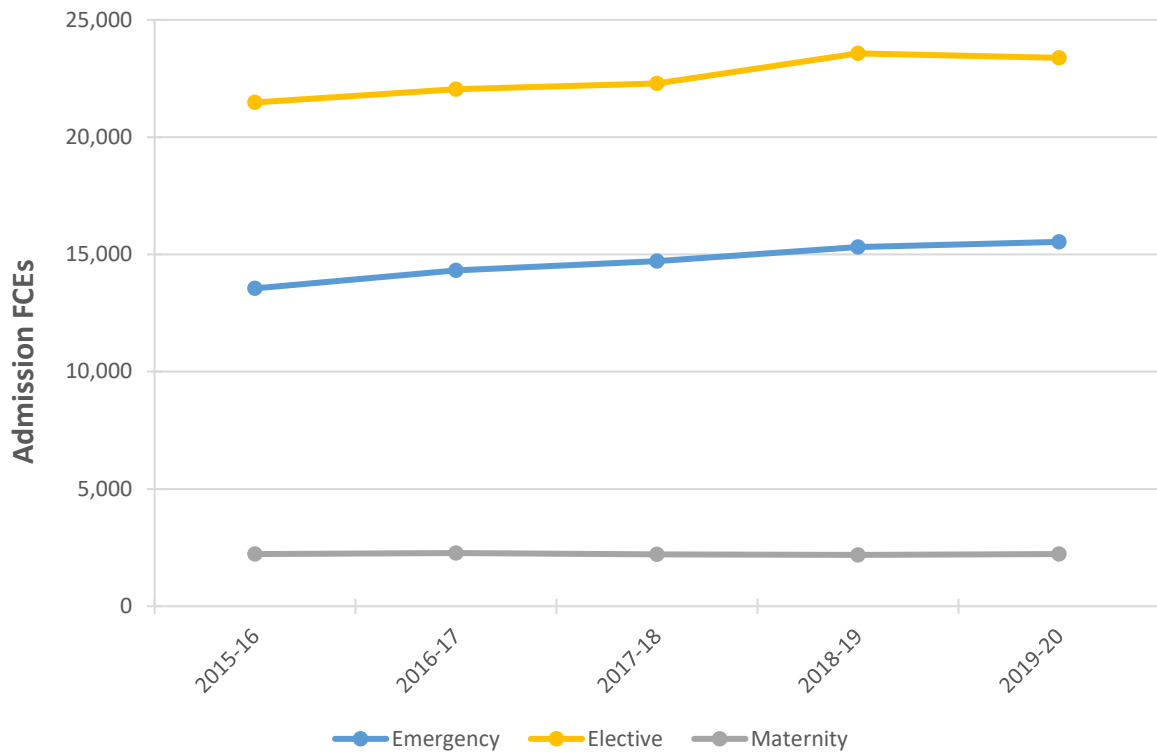


Chart 2 shows the volume of admission episodes split by admission method over time. Elective admissions make up the majority of admissions for Powys Teaching Health Board residents (56.8% in 2019-20) and there has been an increase in both elective and emergency activity from 2015-16 to 2019-20. Maternity activity has remained relatively stable in the last five years.

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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>50,512</b>	<b>100.0%</b>
Proportion of the above episodes with a procedure or intervention:	58.0%	

### FCEs by Patient Classification

<b>Inpatient FCEs</b>	<b>31,379</b>	<b>62.1%</b>
Proportion of the above episodes with a procedure or intervention:	37.1%	
<b>Day Case FCEs</b>	<b>18,621</b>	<b>36.9%</b>
Proportion of the above episodes with a procedure or intervention:	93.7%	
<b>Mothers Using Delivery Facilities Only: FCEs</b>	<b>512</b>	<b>1.0%</b>
<b>Patient Classification Unknown: FCEs</b>	<b>0</b>	<b>0.0%</b>

### FCEs by Patients' Age

0 - 4	1,847	3.7%
5 - 14	1,262	2.5%
15 - 24	2,008	4.0%
25 - 44	5,761	11.4%
45 - 64	11,419	22.6%
65 - 74	11,024	21.8%
75 - 84	10,886	21.6%
85 & Over	6,300	12.5%
Not known	5	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>31,379</b>	<b>5.1</b>
All Non-Psychiatric Specialties Excluding Geriatrics	29,824	4.3
All Non-Psychiatric Specialties	31,046	4.8
All Psychiatric Specialties	333	39.3
Acute	28,374	4.5
Maternity	1,450	1.3
Geriatrics	1,222	15.1
Mental Illness	332	39.2
Learning Disability	1	**

### Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	143	0.3%
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### Delivery Episodes<sup>2</sup>

FCEs: Mothers giving birth (all patient classifications)	856	1.7%
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### FCEs in Spell Breakdown

1 episode only	85.7%
2 episodes	9.1%
3 episodes	3.4%
4 or more episodes	1.8%

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

Total			41,143	100.0%
	Inpatient	Daycase		
<b>Elective admission episodes</b>	4,810	18,575	<b>23,385</b>	<b>56.8%</b>
Waiting List	3,057	12,480	15,537	
Booked	392	941	1,333	
Planned	352	5,154	5,506	
Other Elective Admissions (transfers)	1,009	0	1,009	
<b>Emergency admission episodes</b>			<b>15,534</b>	<b>37.8%</b>
A&E			9,246	
GP			4,502	
Other Emergency			1,786	
<b>Other admission episodes (including maternity)</b>			<b>2,224</b>	<b>5.4%</b>

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

<b>Total</b>	<b>41,204</b>	<b>100.0%</b>
Deaths in hospital (including stillbirths)	790	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>4,809</b>	<b>12.9</b>	<b>15,592</b>	<b>6.1</b>	<b>1,772</b>	<b>2.6</b>	<b>22,173</b>	<b>7.3</b>
All Non-Psych Spec. excl. Geriatrics	4,462	10.3	14,764	5.3	1,768	2.5	20,994	6.2
All Non-Psychiatric	4,697	12.0	15,389	5.7	1,768	2.5	21,854	6.8
All Psychiatric Specialties	112	49.9	203	33.8	4	**	319	39.5
Acute	4,409	10.4	14,735	5.3	503	5.2	19,647	6.5
Maternity	53	1.8	29	1.7	1,265	1.4	1,347	1.4
Geriatrics	235	43.5	625	14.6	0	-	860	22.5
Mental Illness	112	49.9	202	33.7	4	**	318	39.4
Learning Disability	0	-	1	**	0	-	1	**

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

FCEs	28,667	56.8%
Admission Episodes	23,485	57.1%

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

<b>Total</b>	<b>3,926</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	1,229	1,229	41%	59%	0%	99%	129.4	112.5	1.8	1.5	76	0%	100%
Upper digestive tract	2,436	2,271	47%	53%	5%	90%	47.2	26.0	8.9	5.0	63	14%	86%
Heart (CABG)	36	24	81%	19%	42%	46%	93.5	52.0	12.6	10.0	67	100%	0%
Heart (PTCA)	194	161	78%	22%	75%	16%	77.0	69.0	2.3	0.0	69	93%	7%
Hip	471	461	38%	62%	23%	70%	148.9	135.5	5.8	3.0	72	100%	0%
Knee	330	330	48%	52%	1%	97%	154.6	143.0	4.4	3.0	71	100%	0%
Kidney transplant	9	9	56%	44%	33%	44%	**	**	**	**	**	100%	0%
<b>Diagnosis (primary)</b>													
Cancer	7,068	6,609	52%	48%	6%	43%	49.3	20.0	9.8	4.0	67	24%	76%
Ischaemic Heart Disease	1,101	677	65%	35%	69%	23%	64.7	55.5	5.8	2.0	72	87%	13%
Influenza, pneumonia etc	3,374	1,976	52%	48%	82%	9%	114.6	61.0	8.5	4.0	67	96%	4%
Hernia	326	308	76%	24%	19%	80%	141.9	123.0	3.0	1.0	61	46%	54%
Head Injuries	446	352	60%	40%	89%	4%	4.3	5.0	5.3	1.0	61	98%	2%
<b>Diagnosis (anywhere in admitting episode)</b>													
Sepsis	1,205	578	56%	44%	85%	3%	63.4	21.5	13.1	8.0	70	100%	0%