HEADLINE FIGURES
PEDW Statistics - Data for the period 1st April 2018 to 31st March 2019
NHS Hospital Admitted Patients – Cwm Taf 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 Facts[1]

In 2018/19:

- There were 105,900 Finished Consultant Episodes (FCEs) recorded, a slight increase (0.9%) on the 105,000 recorded in 2017-18. However, over the last five years, 2014-15 to 2018-19, FCEs have increased by 7%.
- Of these, 82,100 were admission episodes (the first in a spell), a 1.2% increase (1,000) on the previous year and a 4.9% increase since 2014-15.
- Emergency admissions continued to rise this year with emergencies representing 60.2% of all admissions. There were 49,400 emergency admissions this year compared to 47,900 in 2017-18, an increase of 3.1% and 16.3% over five years.
- 25,300 admissions were from waiting lists (including booked admissions), a slight decrease of 1.9% (480) on the previous year.
- 77.6% (82,200) of all FCEs were ordinary inpatient episodes, 18% (19,100) were day case episodes.
- 47.4% of all FCEs (96.5% of day case episodes) involved some form of procedure or intervention.

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[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.

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.

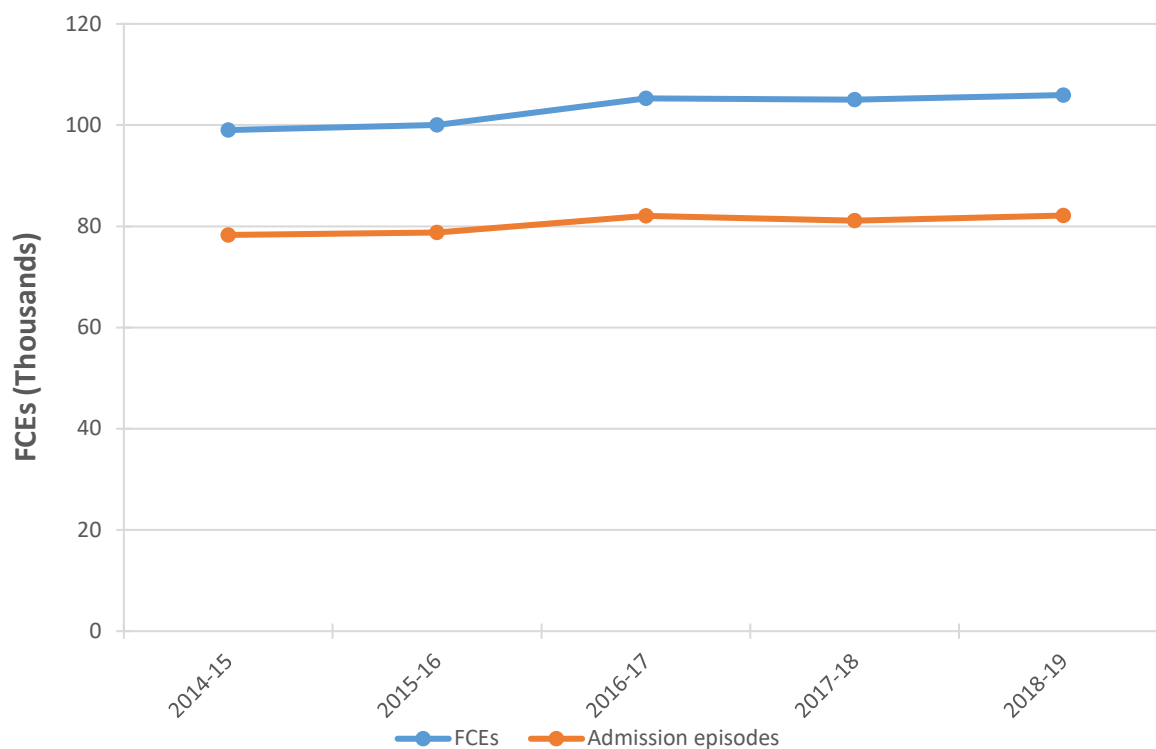**Chart 1: Number of FCEs and admission episodes 2014-15 to 2018-19**

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 an overall rise in activity at Cwm Taf University Health Board from 2014-15 for both FCEs (up 7%) and admission episodes (up 4.9%). Both have remained relatively stable over the last 3 years.

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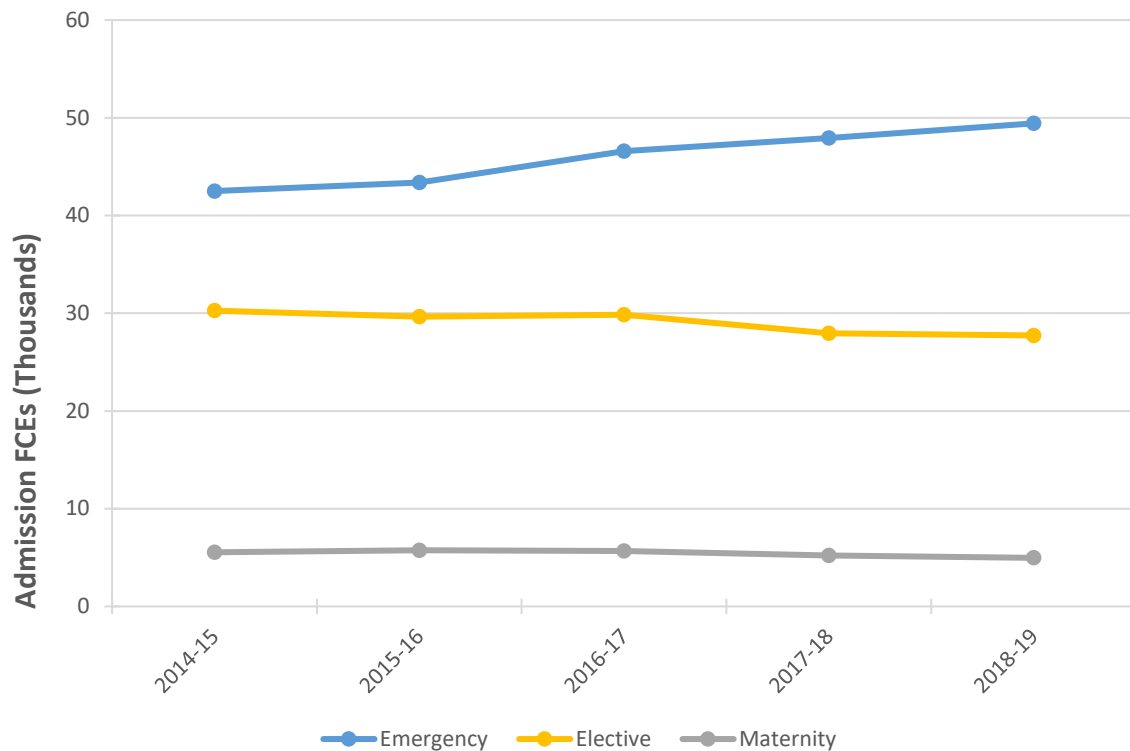

Chart 2 shows the volume of admission episodes split by admission method over time. Emergency admissions make up the majority of admissions (60.2% in 2018-19) and there has been an overall rise in emergency activity since 2014-15 with a sharper increase in activity from 2015-16. Elective activity has shown an overall decrease of 8.4% over the last five years but has remained relatively stable in the latest year with only a slight decrease of 0.8%. Maternity activity shows an overall decrease since 2014-15 (10.1%) and is down 4.8% in the latest year.

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

Total	**105,935**	**100.0%**
Proportion of the above episodes with a procedure or intervention:	47.4%	

FCEs by Patient Classification

Inpatient FCEs	**82,216**	**77.6%**
Proportion of the above episodes with a procedure or intervention:	34.3%	
Day Case FCEs	**19,106**	**18.0%**
Proportion of the above episodes with a procedure or intervention:	96.5%	
Mothers Using Delivery Facilities Only: FCEs	**4,613**	**4.4%**
Patient Classification Unknown: FCEs	**0**	**0.0%**

FCEs by Patients' Age

0 - 4	8,601	8.1%
5 - 14	4,194	4.0%
15 - 24	6,694	6.3%
25 - 44	18,061	17.0%
45 - 64	23,916	22.6%
65 - 74	17,741	16.7%
75 - 84	16,909	16.0%
85 & Over	9,819	9.3%
Not known	0	0.0%

FCEs and Average Bed days by Broad Specialty Groups (the specialty under which the patient is treated[1])

	FCES	Bed days
All Specialties	**82,216**	**4.4**
All Non-Psychiatric Specialties Excluding Geriatrics	79,645	3.3
All Non-Psychiatric Specialties	80,919	3.9
All Psychiatric Specialties	1,297	39.2
Acute	79,477	3.3
Maternity	166	1.4
Geriatrics	1,274	37.8
Mental Illness	1,297	39.2
Learning Disability	-	-

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	5	0.0%

Delivery Episodes[2]

FCEs: Mothers giving birth (all patient classifications)	3,500	3.3%

FCEs in Spell Breakdown

1 episode only	81.2%
2 episodes	12.7%
3 episodes	3.9%
4 or more episodes	2.2%

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

	Inpatient	Daycase		
Total			**82,128**	**100.0%**
Elective admission episodes	8,638	19,090	**27,728**	**33.8%**
Waiting List	6,349	18,491	24,840	
Booked	150	325	475	
Planned	13	274	287	
Other Elective Admissions (transfers)	2,126	0	2,126	
Emergency admission episodes			**49,429**	**60.2%**
A&E			35,206	
GP			8,985	
Other Emergency			5,238	
Other admission episodes (including maternity)			**4,971**	**6.1%**

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

Total	**82,143**	**100.0%**
Deaths in hospital (including stillbirths)	1,930	2.3%

Discharge Episodes (inpatients only) and Average Length of Stay by Broad Specialty Groups (the specialty under which the patient is treated[1])

	Elective		Emergency		Other[3]		All Admissions	
	FCEs	LOS	FCEs	LOS	FCES	LOS	FCEs	LOS
All Specialties	**8,645**	**14.0**	**49,437**	**4.8**	**550**	**5.7**	**58,632**	**6.2**
All Non-Psych Spec. excl. Geriatrics	7,533	6.9	48,388	4.4	550	5.7	56,471	4.7
All Non-Psychiatric	8,434	11.6	48,525	4.4	550	5.7	57,509	5.5
All Psychiatric Specialties	211	110.6	912	29.4	0	-	1,123	44.6
Acute	7,528	6.9	48,239	4.4	549	5.7	56,316	4.7
Maternity	5	3.8	149	1.4	1	**	155	1.5
Geriatrics	901	51.3	137	15.1	0	-	1,038	46.5
Mental Illness	211	110.6	912	29.4	0	-	1,123	44.6
Learning Disability	0	-	0	-	0	-	0	-

Non-Welsh Residents Treated in Cwm Taf LHB

FCEs	428	0.4%
Admission Episodes	343	0.4%

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

Total	**10**

[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 .

**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 Mean	Waiting Time Median	Length of Stay Mean	Length of Stay Median	Mean Age	Inpatient	Day Case
Procedures (main)													
Cataract	1,495	1,495	43%	57%	0%	100%	98.0	72.0	1.4	1.0	75	2%	98%
Upper digestive tract	5,354	4,390	48%	52%	3%	93%	66.6	36.0	6.4	2.0	60	24%	76%
Heart (CABG)	-	-	-	-	-	-	-	-	-	-	-	-	-
Heart (PTCA)	6	4	83%	17%	75%	0%	**	**	**	**	**	100%	0%
Hip	633	604	36%	64%	40%	60%	150.9	155.0	10.0	7.0	73	100%	0%
Knee	364	364	364	41%	0%	99%	172.6	189.0	5.6	5.0	70	100%	0%
Kidney transplant	-	-	-	-	-	-	-	-	-	-	-	-	-
Diagnosis (anywhere in admitting episode)													
Sepsis	2,811	1,378	54%	46%	71%	1%	44.2	17.0	17.6	9.0	61	96%	0%