

HEADLINE FIGURES

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

NHS Hospital Admitted Patients – Cardiff & Vale 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 Facts¹

In 2018/19:

- There were 140,500 Finished Consultant Episodes (FCEs) recorded, an increase of 2.3% on 2017-18 and an increase of 3.4% over five years 2014-15 to 2018-19.
- Of these, 130,200 were admission episodes (the first in a spell), a 2% increase (2,500) on the previous year. Admission episodes have increased overall by 6.9% over the last five years 2014-15 to 2018-19.
- Maternity admissions have decreased by 14.5% this year, 17,300 compared to 20,300 in 2017-18, However, there has been an overall increase of 3% over the last 5 years.
- Elective admissions make up the majority of admissions (48% in 2018-19) and have increased from 58,300 in 2017-18 to 62,500 in 2018-19 (up 7.2%).
- 38.7% of all admissions were emergencies (50,300) compared to 49,000 in 2017-18, an increase of 2.6%.
- 54,500 admissions were from waiting lists (including booked admissions), an increase of 4.2% on the previous year.
- 67% (94,000) of all FCEs were ordinary inpatient episodes, 33% (46,500) were day case episodes.
- 63% of all FCEs (94% of day case episodes) involved some form of procedure or intervention.

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

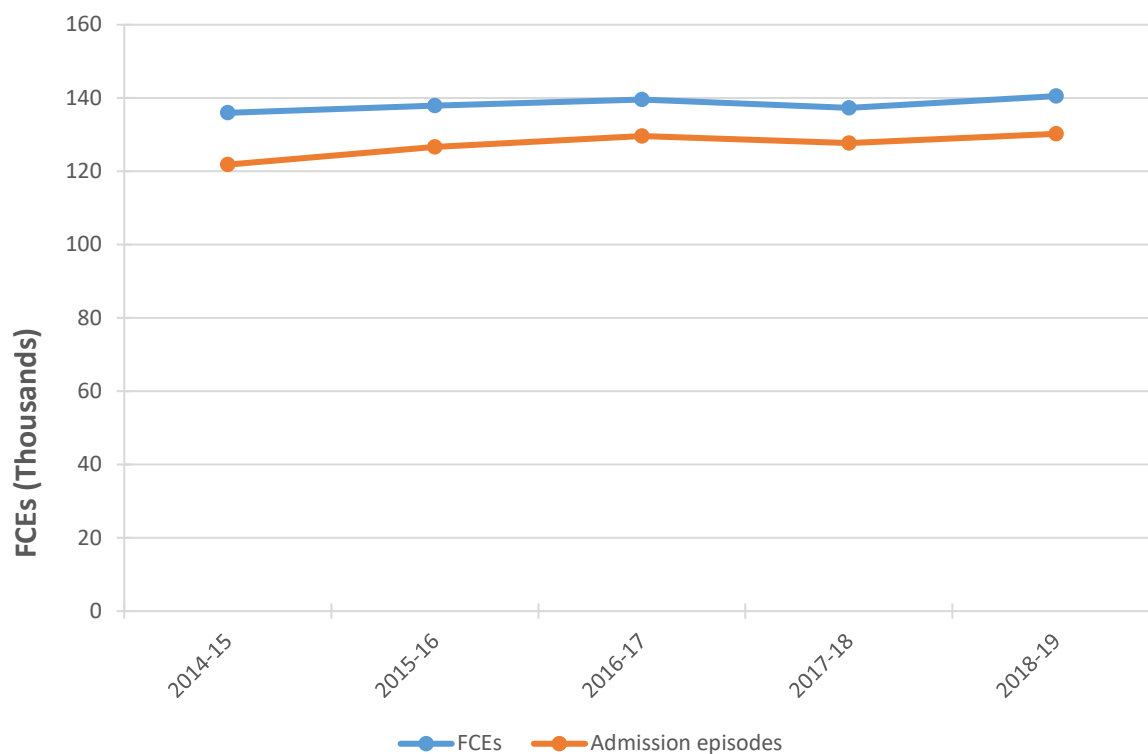


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. Overall, FCE activity has increased by 3.4% over the five years and admission episodes have increased by 6.9%. For both FCEs and admission episodes, activity decreased in 2017-18 but has increased again in the latest year 2018-19.

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

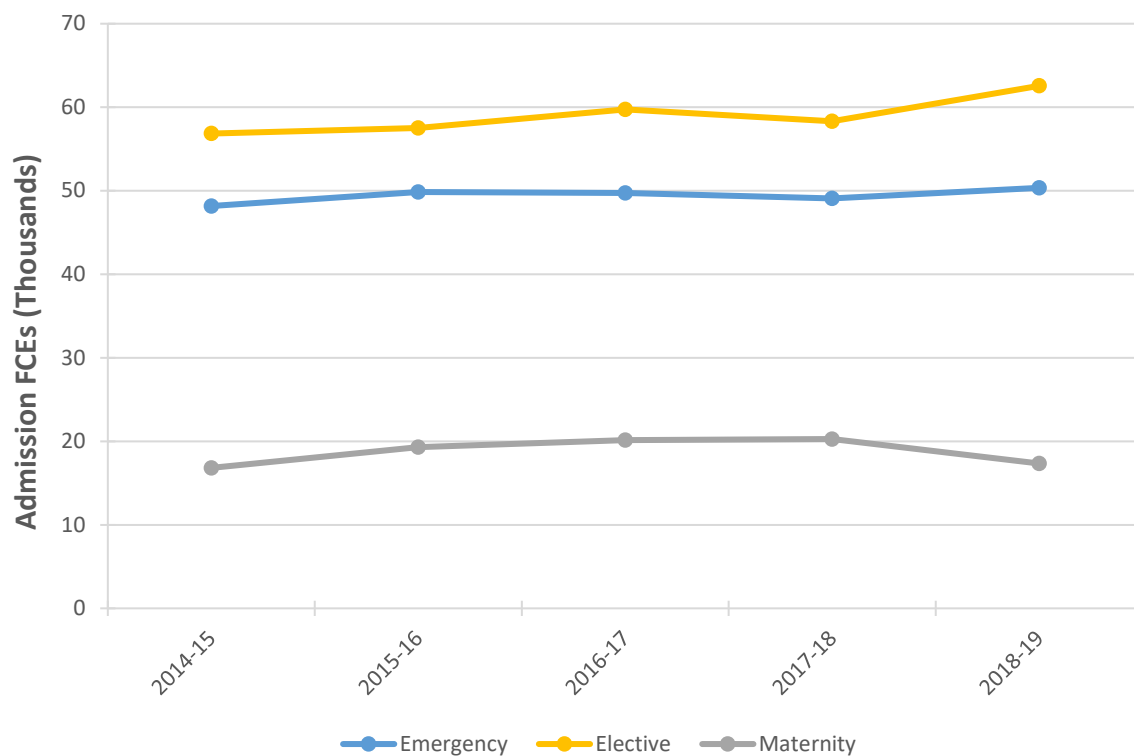


Chart 2 shows the volume of admission episodes split by admission method over time. Elective admissions make up the majority of admissions (48% in 2018-19). Following a decrease in activity in 2017-18 there has been an increase in elective admissions (7.2%) in the latest year 2018-19. Emergency admissions also show a slight increase in activity for 2018-19 up 2.6% on the previous year. Maternity admissions have decreased by 14.5% in 2018-19, however, there has been an overall increase of 3% over the past 5 years.

HEADLINE FIGURES

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

NHS Hospital Admitted Patients - Cardiff & Vale University Health Board Provider

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

Total	140,525	100.0%
Proportion of the above episodes with a procedure or intervention:	62.9%	

FCEs by Patient Classification

Inpatient FCEs	94,042	66.9%
Proportion of the above episodes with a procedure or intervention:	47.5%	
Day Case FCEs	46,483	33.1%
Proportion of the above episodes with a procedure or intervention:	94.1%	
Mothers Using Delivery Facilities Only: FCEs	-	0.0%
Patient Classification Unknown: FCEs	0	0.0%

FCEs by Patients' Age

0 - 4	11,508	8.2%
5 - 14	7,359	5.2%
15 - 24	10,706	7.6%
25 - 44	31,337	22.3%
45 - 64	31,987	22.8%
65 - 74	20,231	14.4%
75 - 84	17,746	12.6%
85 & Over	9,620	6.8%
Not known	31	0.0%

FCEs and Average Bed days by Broad Specialty Groups (the specialty under which the patient is treated¹)

	FCEs	Bed days
All Specialties	94,042	6.6
All Non-Psychiatric Specialties Excluding Geriatrics	90,329	5.2
All Non-Psychiatric Specialties	91,910	5.6
All Psychiatric Specialties	2,130	51.4
Acute	74,123	6.2
Maternity	16,205	1.0
Geriatrics	1,581	24.0
Mental Illness	2,130	51.4
Learning Disability	-	-

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	127	0.1%
------------------------------------	-----	------

Delivery Episodes²

FCEs: Mothers giving birth (all patient classifications)	5,013	3.6%
--	-------	------

FCEs in Spell Breakdown

1 episode only	94.2%
2 episodes	4.6%
3 episodes	0.9%
4 or more episodes	0.3%

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

Total			130,234	100.0%
	Inpatient	Daycase		
Elective admission episodes	16,560	46,000	62,560	48.0%
Waiting List	10,077	29,077	39,154	
Booked	4,211	11,091	15,302	
Planned	2,103	5,832	7,935	
Other Elective Admissions (transfers)	169	0	169	
Emergency admission episodes			50,347	38.7%
A&E			22,572	
GP			14,297	
Other Emergency			13,478	
Other admission episodes (including maternity)			17,327	13.3%

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

Total	130,254	100.0%
Deaths in hospital (including stillbirths)	2,093	1.6%

Discharge Episodes (inpatients only) and Average Length of Stay by Broad Specialty Groups (the specialty under which the patient is treated¹)

	Elective		Emergency		Other ³		All Admissions	
	FCEs	LOS	FCEs	LOS	FCEs	LOS	FCEs	LOS
All Specialties	16,583	5.9	50,339	10.0	16,899	1.5	83,821	7.5
All Non-Psych Spec. excl. Geriatrics	16,070	4.0	48,100	7.9	16,899	1.5	81,069	5.8
All Non-Psychiatric	16,076	4.0	49,486	8.5	16,899	1.5	82,461	6.2
All Psychiatric Specialties	507	64.1	852	96.3	0	-	1,359	84.3
Acute	16,069	4.0	47,726	8.0	1,098	9.9	64,893	7.0
Maternity	0	-	374	1.0	15,801	1.0	16,175	1.0
Geriatrics	6	**	1,386	29.4	0	-	1,392	29.4
Mental Illness	507	64.1	852	96.3	0	-	1,359	84.3
Learning Disability	0	-	0	-	0	-	0	-

Non-Welsh Residents Treated in Cardiff & Vale ULHB

FCEs	1,337	1.0%
Admission Episodes	1,187	0.9%

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

Total	16,054
--------------	---------------

[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		Length of Stay		Mean Age	Inpatient	Day Case
							Mean	Median	Mean	Median			
Procedures (main)													
Cataract	2,710	2,710	42%	58%	0%	95%	140.6	115.0	1.0	1.0	74	3%	97%
Upper digestive tract	6,928	6,698	49%	51%	10%	81%	53.8	33.0	12.8	5.0	57	21%	79%
Heart (CABG)	366	265	79%	21%	35%	61%	106.1	94.0	16.6	12.0	67	-	1200%
Heart (PTCA)	1,618	1,532	72%	28%	71%	28%	70.0	51.5	3.5	2.0	66	79%	21%
Hip	903	886	37%	63%	32%	63%	202.7	183.0	11.9	4.0	71	100%	0%
Knee	642	639	63%	42%	2%	86%	233.4	199.5	7.5	4.0	69	100%	0%
Kidney transplant	120	119	68%	32%	73%	27%	16.2	14.0	13.1	10.0	52	-	10
Diagnosis (anywhere in admitting episode)													
Sepsis	2,735	1,920	53%	47%	86%	3%	87.5	45.0	20.5	10.0	61	100%	0%