

HEADLINE FIGURES

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

NHS Hospital Admitted Patients – Cardiff & Vale 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 Facts¹

In 2018/19:

- There were 126,600 Finished Consultant Episodes (FCEs) recorded, an increase of 2.3% on 2017-18 and an overall increase of 4% over the last five years 2014-15 to 2018-19.
- Of these, 116,800 were admission episodes (the first in a spell), a 2.2% increase (2,500) on the previous year. Over the last five years, 2014-15 to 2018-19, admission episodes have increased by 7.8%.
- Maternity admissions have reduced this year with 16,600 admissions compared to 19,400 in 2017/18, a decrease of 14.3%
- 39.8% of all admissions were emergencies (46,500) a 2.1% increase on last years' figure (45,500). Emergency admissions have increased by 5.1% over the last five years.
- Elective admissions make up the majority of admissions for Cardiff and Vale University Health Board residents (45.9% in 2018-19).
- 47,400 admissions were from waiting lists (including booked admissions), an increase of 7% on the previous year.
- 66.1% (83,600) of all FCEs were ordinary inpatient episodes, 33.9% (42,900) were day case episodes.
- 59.7% of all FCEs (94.3% of day case episodes) involved some form of procedure or intervention.
- 1,600 admissions for Cardiff and Vale University Health Board residents took place outside of Wales in non-Welsh providers. This represents 1.3% of all admissions. This figure has remained consistent over the last three years.

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

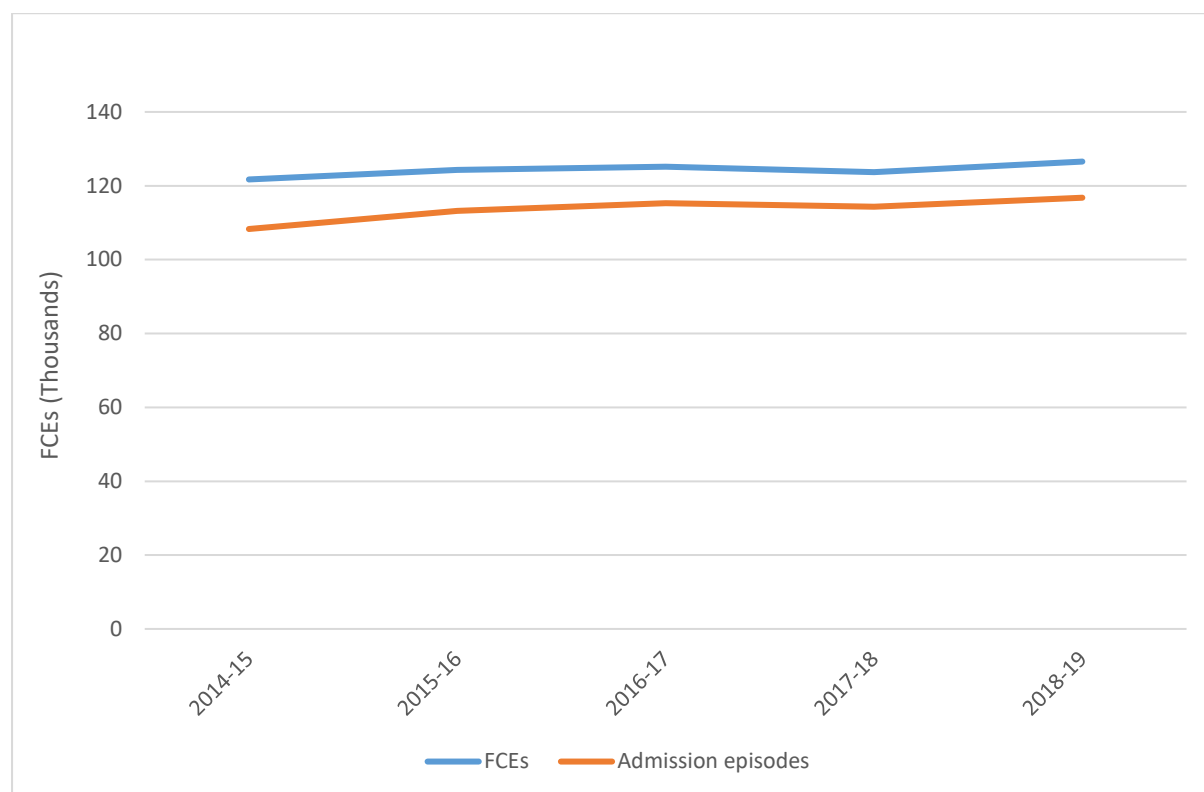


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. Overall, FCE activity has increased by 4% over the five years and increased by 7.8% for admission episodes. For both FCEs and admission episodes, activity decreased 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

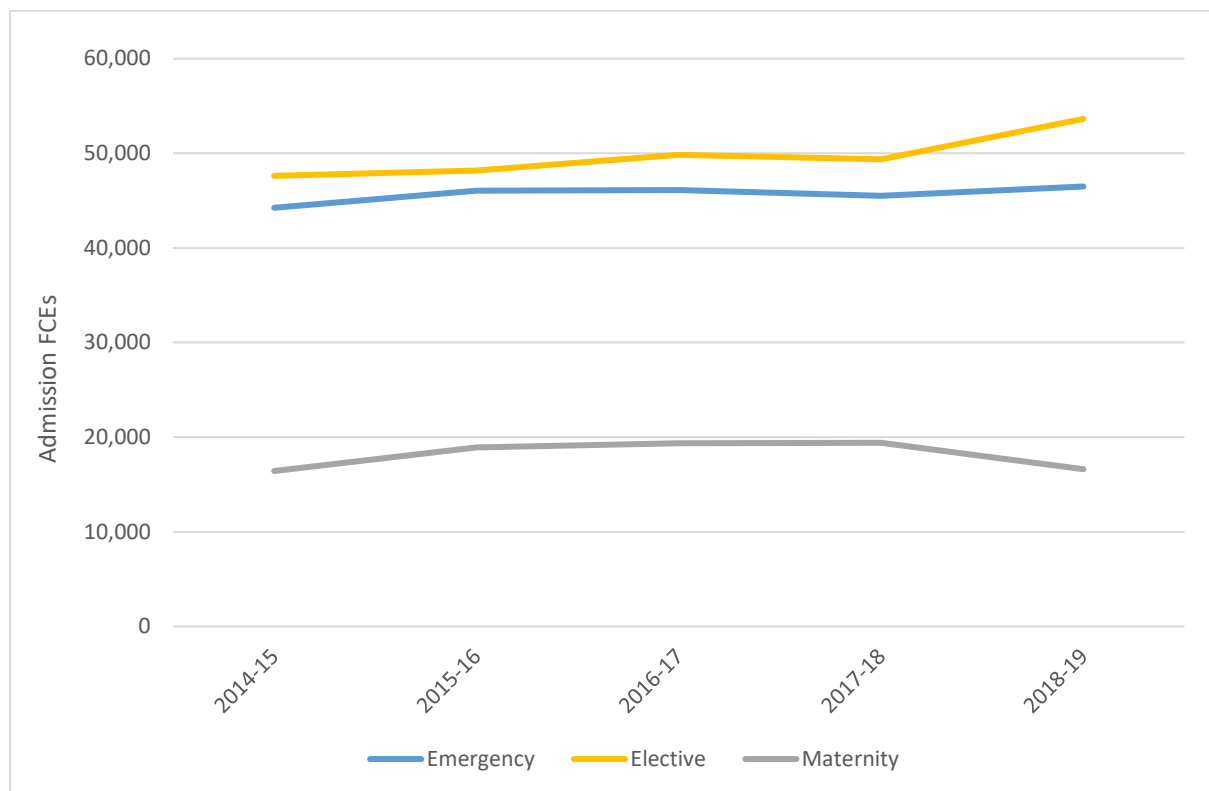


Chart 2 shows the volume of admission episodes split by admission method over time. Elective admissions make up the majority of admissions (45.9% in 2018-19). Following a slight decrease in activity in 2017-18, the number of admissions has increased this year by 8.7%. Emergency admissions have also shown an increase in activity this year (up 2.1% on 2017-18) and overall show a 5.1% increase in activity since 2014-15. Following increases for the last four years, maternity admissions show a 14.3% decrease this year, 16,600 in 2018-19 compared to 19,400 in 2017-18.

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

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

Total	126,558	100.0%
Proportion of the above episodes with a procedure or intervention:	59.7%	

FCEs by Patient Classification

Inpatient FCEs	83,630	66.1%
Proportion of the above episodes with a procedure or intervention:	41.9%	
Day Case FCEs	42,864	33.9%
Proportion of the above episodes with a procedure or intervention:	94.3%	
Mothers Using Delivery Facilities Only: FCEs	64	0.1%
Patient Classification Unknown: FCEs	0	0.0%

FCEs by Patients' Age

0 - 4	9,312	7.4%
5 - 14	5,565	4.4%
15 - 24	9,293	7.3%
25 - 44	28,370	22.4%
45 - 64	28,219	22.3%
65 - 74	18,414	14.5%
75 - 84	17,436	13.8%
85 & Over	9,921	7.8%
Not known	28	0.0%

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

	FCEs	Bed days
All Specialties	83,630	6.5
All Non-Psychiatric Specialties Excluding Geriatrics	79,850	4.9
All Non-Psychiatric Specialties	81,618	5.3
All Psychiatric Specialties	2,009	52.1
Acute	64,432	5.9
Maternity	15,417	0.9
Geriatrics	1,768	23.3
Mental Illness	1,990	50.4
Learning Disability	19	231.9

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	101	0.1%
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Delivery Episodes²

FCEs: Mothers giving birth (all patient classifications)	4,808	3.8%
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FCEs in Spell Breakdown

1 episode only	93.9%
2 episodes	4.9%
3 episodes	0.9%
4 or more episodes	0.4%

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

Total			116,771	100.0%
	Inpatient	Daycase		
Elective admission episodes	11,242	42,400	53,642	45.9%
Waiting List	7,620	28,547	36,167	
Booked	2,287	8,929	11,216	
Planned	1,099	4,924	6,023	
Other Elective Admissions (transfers)	236	0	236	
Emergency admission episodes			46,496	39.8%
A&E			22,030	
GP			14,269	
Other Emergency			10,197	
Other admission episodes (including maternity)			16,633	14.2%

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

Total	116,811	100.0%
Deaths in hospital (including stillbirths)	1,906	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	11,269	6.0	46,503	9.7	16,156	1.5	73,928	7.4
All Non-Psych Spec. excl. Geriatrics	10,853	3.7	44,131	7.4	16,153	1.5	71,137	5.5
All Non-Psychiatric	10,871	3.8	45,624	8.1	16,153	1.5	72,648	6.0
All Psychiatric Specialties	398	66.1	878	92.6	2	**	1,278	84.4
Acute	10,841	3.7	43,824	7.5	1,099	9.3	55,764	6.8
Maternity	11	3.0	307	0.8	15,054	0.9	15,372	0.9
Geriatrics	18	43.6	1,493	29.7	0	-	1,511	29.9
Mental Illness	397	66.0	861	89.4	1	**	1,259	82.2
Learning Disability	1	**	17	251.8	1	**	19	231.9

Cardiff & Vale ULHB Residents Treated in Non-Welsh Providers

FCEs	1,864	1.5%
Admission Episodes	1,566	1.3%

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

Total	29,516
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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			
Procedures (main)													
Cataract	2,725	2,725	41%	59%	0%	95%	138.1	111.0	1.0	1.0	75	2%	98%
Upper digestive tract	6,577	6,367	49%	51%	9%	82%	51.8	31.0	12.9	5.0	59	18%	82%
Heart (CABG)	119	61	81%	19%	0%	89%	109.0	104.0	19.2	16.0	67	100%	0%
Heart (PTCA)	634	571	76%	24%	63%	36%	70.9	49.5	5.1	3.0	67	76%	24%
Hip	875	855	37%	63%	33%	63%	206.4	184.0	12.2	4.0	72	100%	0%
Knee	613	610	61%	42%	1%	87%	240.4	205.0	7.0	4.0	70	100%	0%
Kidney transplant	32	31	59%	41%	61%	35%	17.5	16.0	19.1	11.0	47	100%	0%
Diagnosis (anywhere in admitting episode)													
Sepsis	2,391	1,675	51%	49%	88%	2%	91.3	46.5	20.0	9.0	63	100%	0%