

HEADLINE FIGURES

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

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 2019/20:

- There were 126,800 Finished Consultant Episodes (FCEs) recorded, this is consistent with FCEs recorded in 2018-19 with only a small increase of 290. There has been an overall increase of 2% over the last five years 2015-16 to 2019-20.
- Of these, 117,100 were admission episodes (the first in a spell), again, the number of admission episodes has remained stable over the last year. Over the last five years, admission episodes have increased by 3.4%.
- Maternity admissions have reduced slightly by 2% this year, however, there has been a decrease of 13.9% over a five-year period.
- 41% of all admissions were emergencies (47,400) a 2% increase on last years' figure (46,500). Emergency admissions have increased by 2.9% over the last five years.
- Elective admissions make up the majority of admissions for Cardiff and Vale University Health Board residents (45.6% in 2019-20).
- 46,200 admissions were from waiting lists (including booked admissions), a decrease of 2.5% on the previous year.
- 66.3% (84,100) of all FCEs were ordinary inpatient episodes, 33.4% (42,400) were day case episodes.
- 58.7% of all FCEs (93.8% 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 year.

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 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.

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

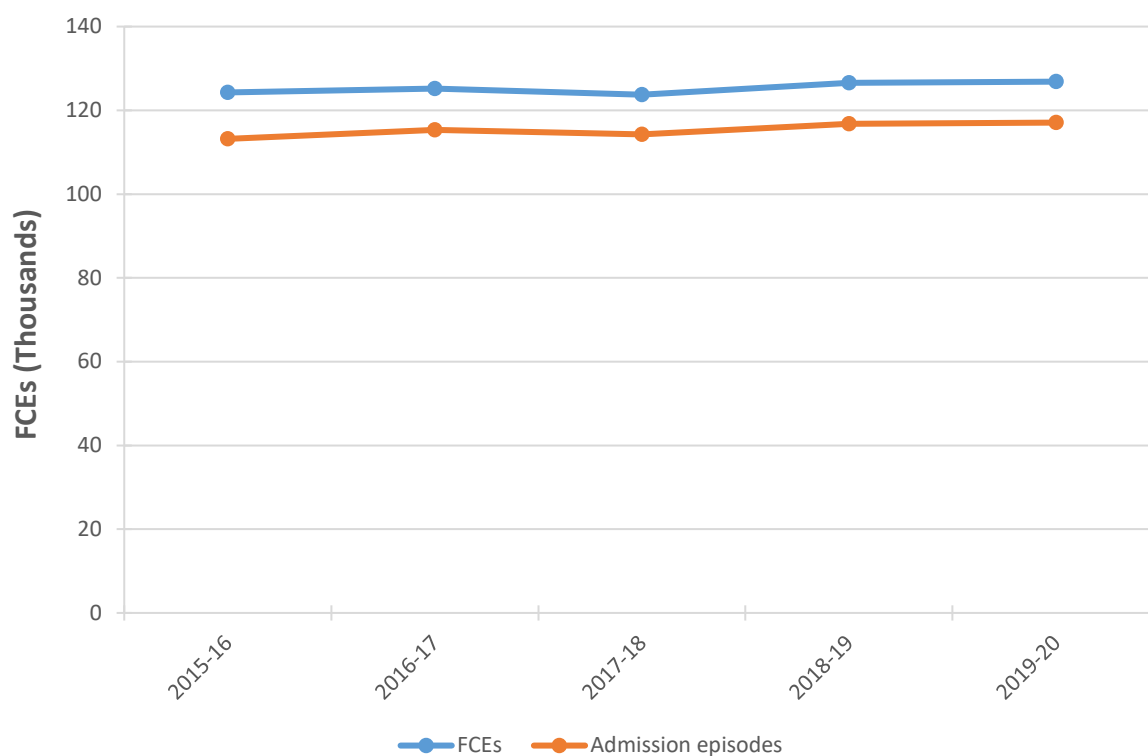


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. Overall, FCE activity has increased slightly by 2% over the five years and increased by 3% for admission episodes. For both FCEs and admission episodes, activity decreased in 2017-18 but then increased again in 2018-19 and has remained relatively stable in the latest year.

Chart 2: Number of admission episodes by admission method 2014-15 to 2019-20

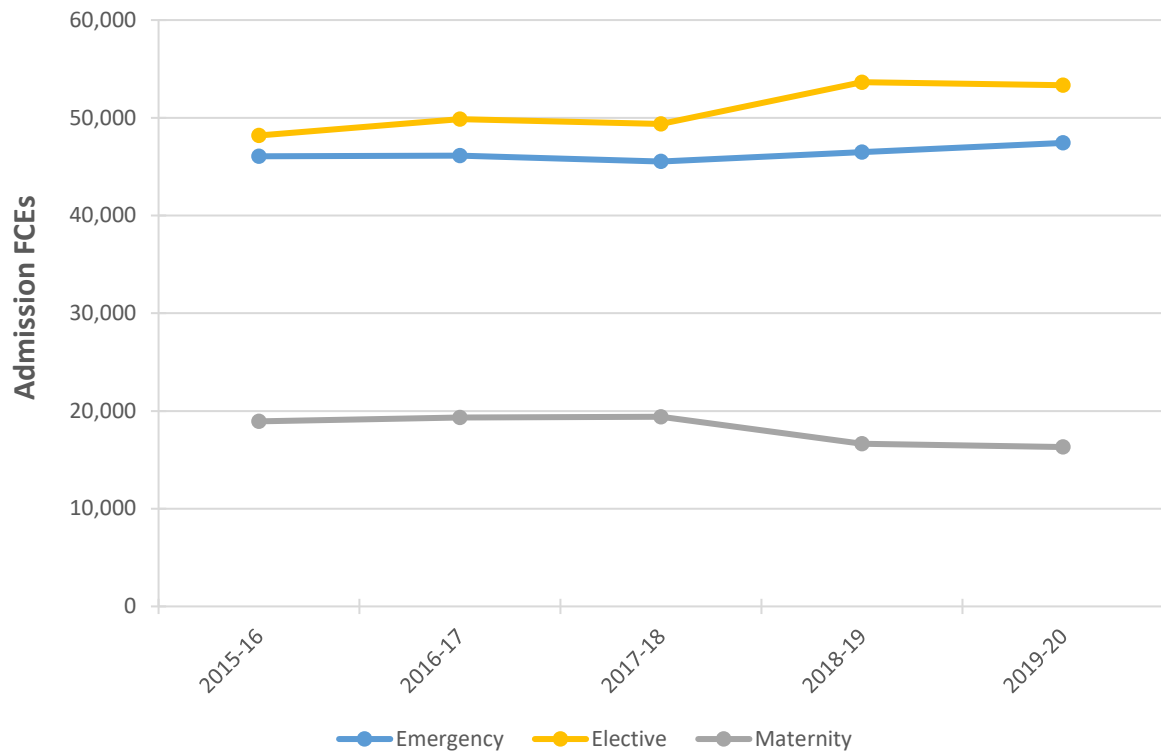


Chart 2 shows the volume of admission episodes split by admission method over time. Elective admissions make up the majority of admissions (45.6% in 2019-20). Following an 8.7% increase in activity in 2018-19 elective admission records have remained stable in the latest year. Emergency admissions have shown a slight increase in activity this year (up 2% on 2018-19) and overall show a 2.9% increase in activity since 2015-16. Maternity admissions have declined by 2% in 2019-20 and have shown an overall decrease of 13.9% over the past five years.

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

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

Total	126,848	100.0%
Proportion of the above episodes with a procedure or intervention:	58.7%	

FCEs by Patient Classification

Inpatient FCEs	84,137	66.3%
Proportion of the above episodes with a procedure or intervention:	41.1%	
Day Case FCEs	42,400	33.4%
Proportion of the above episodes with a procedure or intervention:	93.8%	
Mothers Using Delivery Facilities Only: FCEs	310	0.2%
Patient Classification Unknown: FCEs	1	0.0%

FCEs by Patients' Age

0 - 4	9,383	7.4%
5 - 14	5,445	4.3%
15 - 24	8,996	7.1%
25 - 44	28,192	22.2%
45 - 64	28,133	22.2%
65 - 74	18,981	15.0%
75 - 84	17,641	13.9%
85 & Over	10,044	7.9%
Not known	33	0.0%

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

	FCEs	Bed days
All Specialties	84,137	6.3
All Non-Psychiatric Specialties Excluding Geriatrics	79,898	4.8
All Non-Psychiatric Specialties	82,079	5.2
All Psychiatric Specialties	2,055	49.9
Acute	64,679	5.7
Maternity	15,219	1.0
Geriatrics	2,181	21.3
Mental Illness	2,023	45.5
Learning Disability	32	331.5

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	277	0.2%
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Delivery Episodes²

FCEs: Mothers giving birth (all patient classifications)	4,557	3.6%
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FCEs in Spell Breakdown

1 episode only	93.7%
2 episodes	5.1%
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			117,073	100.0%
	Inpatient	Daycase		
Elective admission episodes	11,331	42,005	53,337	45.6%
Waiting List	7,325	27,472	34,797	
Booked	2,643	8,767	11,411	
Planned	1,141	5,766	6,907	
Other Elective Admissions (transfers)	222	0	222	
Emergency admission episodes			47,427	40.5%
A&E			22,340	
GP			14,381	
Other Emergency			10,706	
Other admission episodes (including maternity)			16,309	13.9%

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

Total	117,185	100.0%
Deaths in hospital (including stillbirths)	1,874	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	11,331	6.1	47,506	9.5	15,708	1.5	74,545	7.3
All Non-Psych Spec. excl. Geriatrics	10,961	4.0	44,678	7.0	15,705	1.4	71,344	5.3
All Non-Psychiatric	10,974	4.1	46,572	7.8	15,705	1.4	73,251	5.9
All Psychiatric Specialties	357	69.4	934	94.5	3	**	1,294	87.4
Acute	10,953	4.0	44,379	7.0	838	10.0	56,170	6.5
Maternity	8	**	299	0.9	14,867	1.0	15,174	1.0
Geriatrics	13	58.6	1,894	26.3	0	-	1,907	26.5
Mental Illness	353	54.0	907	93.9	3	**	1,263	82.6
Learning Disability	4	**	27	112.1	0	-	31	282.3

Cardiff & Vale ULHB Residents Treated in Non-Welsh Providers

FCEs	1,831	1.4%
Admission Episodes	1,576	1.3%

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

Total	30,396
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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	2,493	2,493	42%	58%	0%	92%	138.0	90.0	1.0	1.0	74	2%	98%
Upper digestive tract	6,432	6,254	48%	52%	9%	79%	38.8	29.0	11.4	5.0	58	17%	83%
Heart (CABG)	105	54	79%	21%	19%	78%	124.9	121.5	21.3	15.5	67	100%	0%
Heart (PTCA)	727	653	74%	26%	62%	37%	84.3	61.5	5.3	3.0	67	75%	25%
Hip	850	835	37%	63%	40%	55%	207.1	178.0	13.7	5.0	73	100%	0%
Knee	540	536	44%	56%	2%	90%	239.7	212.0	5.9	4.0	69	100%	0%
Kidney transplant	24	24	67%	33%	79%	21%	**	**	13.4	10.5	47	100%	0%
Diagnosis (primary)													
Cancer	9,793	9,405	48%	52%	12%	71%	39.5	14.0	6.3	2.0	62	39%	61%
Ischaemic Heart Disease	1,567	1,243	63%	37%	54%	44%	93.7	66.0	5.9	3.0	70	66%	34%
Influenza, pneumonia etc	8,594	7,007	48%	52%	88%	11%	141.7	109.5	7.2	2.0	54	94%	6%
Hernia	1,066	1,018	73%	27%	17%	81%	166.4	137.5	11.0	2.0	55	47%	53%
Head Injuries	848	776	63%	37%	80%	19%	11.2	6.0	7.6	1.0	44	86%	14%
Diagnosis (anywhere in admitting episode)													
Sepsis	2,150	1,533	49%	51%	83%	2%	93.2	41.0	17.9	8.0	63	100%	0%