

HEADLINE FIGURES

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

NHS Hospital Admitted Patients – Aneurin Bevan 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 259,200 Finished Consultant Episodes (FCEs) recorded, an increase of 4% on 2017-18. The number of FCEs have increased year-on-year over five years with an 22.3% rise in activity since 2014-15.
- Of these, 187,100 were admission episodes (the first in a spell), a 4.3% rise (7,700) on the previous year and a 19.1% rise since 2014-15.
- Emergency admissions continued to rise this year with emergency admissions representing 50.8% of all admissions. There were 95,100 emergency admissions this year compared to 90,300 in 2017-18, an increase of 5.3% and an overall increase of 18.5% over five years.
- 65,000 admissions were from waiting lists (including booked admissions), an increase of 3.4% on the previous year.
- 79.2% (205,200) of all FCEs were ordinary inpatient episodes, 20.6% (53,400) were day case episodes.
- 41% of all FCEs (91.5% of day case episodes) involved some form of procedure or intervention.
- Maternity admissions increased by 2.2% to 18,800 compared with 18,400 in 2017-18.
- 3,100 admissions for Aneurin Bevan University Health Board residents took place outside of Wales in non-welsh providers representing 1.6% of all admissions.

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

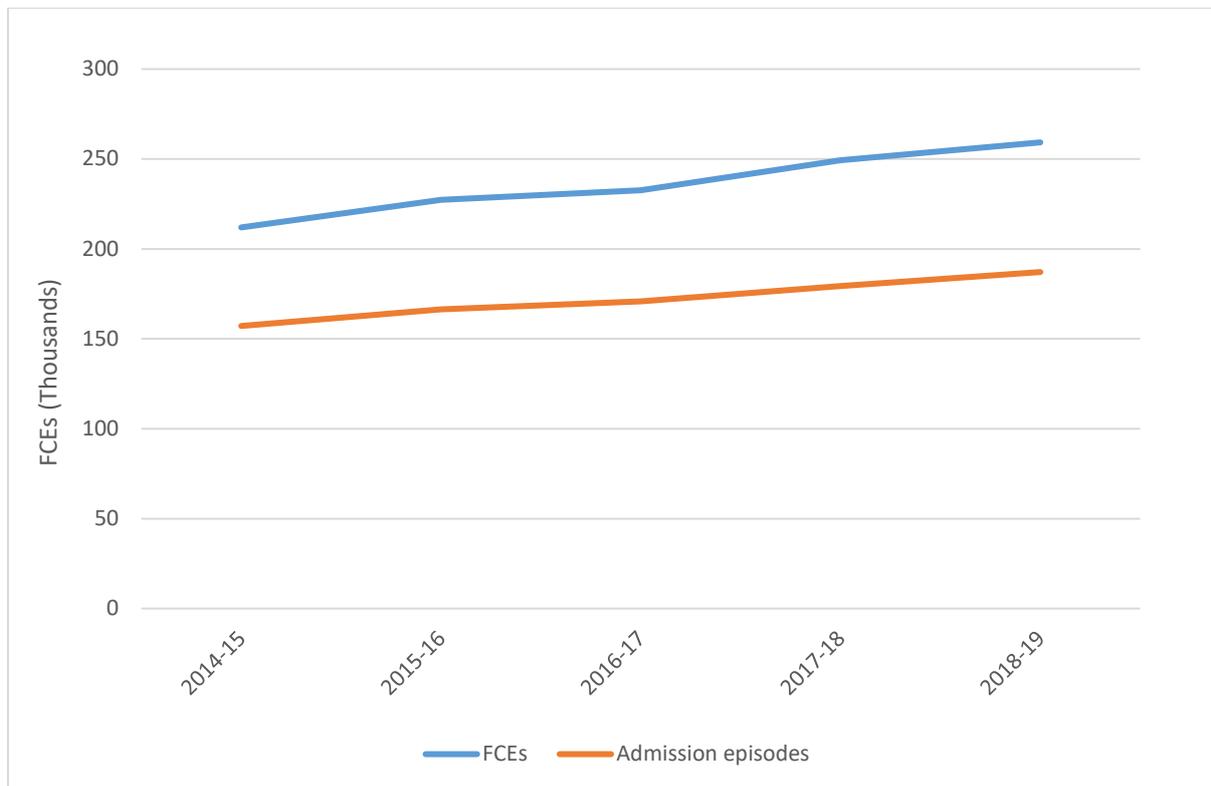


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. There has been an increase in activity between 2014-15 and 2018-19 for both FCEs and admission episodes. FCEs have increased from 211,900 in 2014-15 to 259,200 in 2018-19 (up 22.3%) and admission episodes have increased from 157,100 in 2014-15 to 187,100 in 2018-19 (up 19.1%).

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

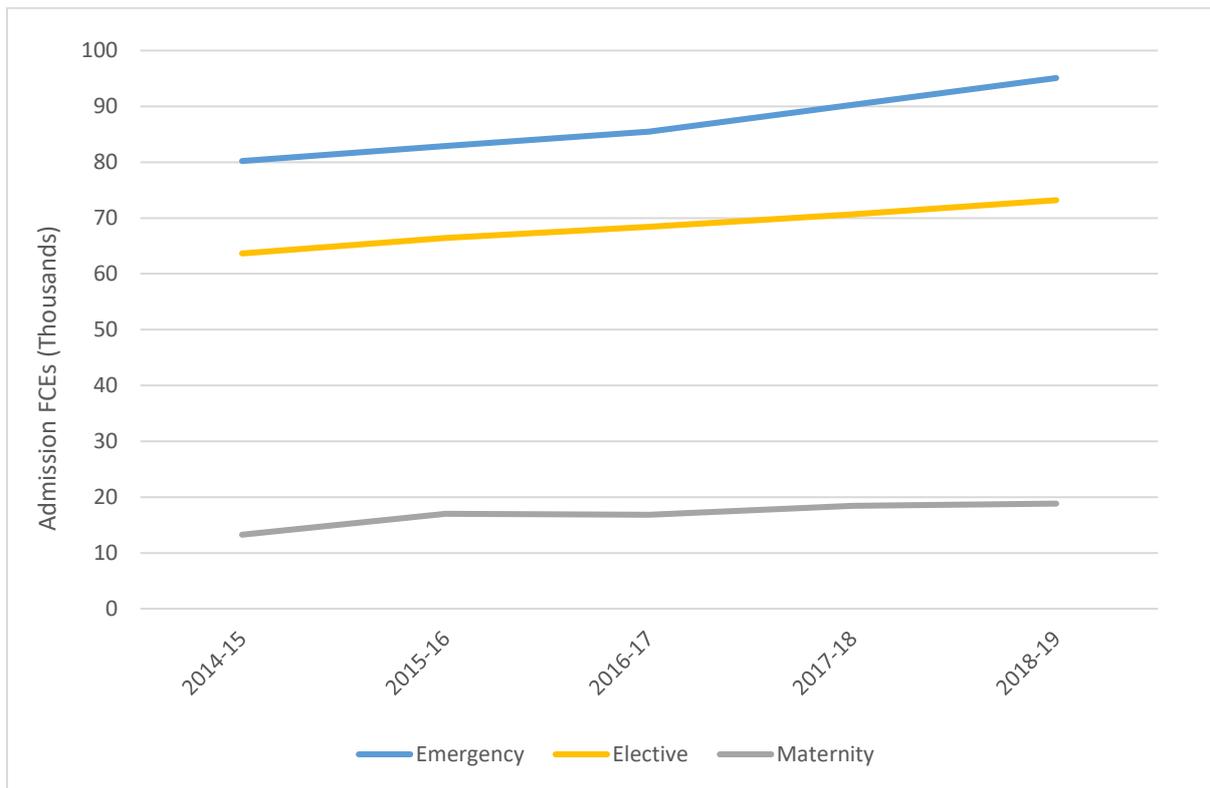


Chart 2 shows the volume of admission episodes split by admission method over time. Emergency admissions make up the majority of admissions for Aneurin Bevan University Health Board residents (50.8% in 2018-19) and there has been a year-on-year increase from 2014-15 to 2018-19 resulting in an 18.5% rise in activity over five years. Elective admissions have also continued to increase. There were 63,700 elective admissions in 2014-15 rising to 73,200 in 2018-19 representing a 15% rise over the last five years. Maternity admissions have increased again this year by 2.2% (412) and have risen by 42% over the past five years.

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NHS Hospital Admitted Patients - Aneurin Bevan University Health Board Residents

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

Total	259,205	100.0%
Proportion of the above episodes with a procedure or intervention:	41.0%	

FCEs by Patient Classification

Inpatient FCEs	205,244	79.2%
Proportion of the above episodes with a procedure or intervention:	27.7%	
Day Case FCEs	53,352	20.6%
Proportion of the above episodes with a procedure or intervention:	91.5%	
Mothers Using Delivery Facilities Only: FCEs	608	0.2%
Patient Classification Unknown: FCEs	1	0.0%

FCEs by Patients' Age

0 - 4	17,429	6.7%
5 - 14	7,708	3.0%
15 - 24	18,400	7.1%
25 - 44	53,008	20.5%
45 - 64	56,388	21.8%
65 - 74	40,882	15.8%
75 - 84	41,551	16.0%
85 & Over	23,839	9.2%
Not known	0	0.0%

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

	FCEs	Bed days
All Specialties	205,244	3.3
All Non-Psychiatric Specialties Excluding Geriatrics	188,121	2.6
All Non-Psychiatric Specialties	203,311	2.9
All Psychiatric Specialties	1,920	45.6
Acute	168,401	2.8
Maternity	19,274	0.8
Geriatrics	15,190	6.3
Mental Illness	1,871	32.8
Learning Disability	49	533.6

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	228	0.1%
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Delivery Episodes²

FCEs: Mothers giving birth (all patient classifications)	5,593	2.2%
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FCEs in Spell Breakdown

1 episode only	78.3%
2 episodes	12.2%
3 episodes	5.6%
4 or more episodes	3.9%

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

Total			187,116	100.0%
	Inpatient	Daycase		
Elective admission episodes	19,997	53,198	73,196	39.1%
Waiting List	12,200	44,345	56,545	
Booked	1,249	7,220	8,470	
Planned	926	1,632	2,558	
Other Elective Admissions (transfers)	5,622	1	5,623	
Emergency admission episodes			95,080	50.8%
A&E			40,752	
GP			44,327	
Other Emergency			10,001	
Other admission episodes (including maternity)			18,840	10.1%

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

Total	187,147	100.0%
Deaths in hospital (including stillbirths)	2,995	1.6%

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

	Elective		Emergency		Other ³		All Admissions	
	FCEs	LOS	FCEs	LOS	FCEs	LOS	FCEs	LOS
All Specialties	20,005	10.4	95,105	5.5	18,237	1.5	133,347	5.7
All Non-Psych Spec. excl. Geriatrics	19,307	8.8	85,518	3.4	18,224	1.4	123,049	3.9
All Non-Psychiatric	19,916	9.3	93,362	4.0	18,227	1.4	131,505	4.5
All Psychiatric Specialties	88	262.1	1,734	85.4	8	**	1,830	93.8
Acute	19,010	8.5	85,250	3.3	1,469	6.9	105,729	4.3
Maternity	81	3.1	150	1.7	16,755	0.9	16,986	0.9
Geriatrics	609	23.6	7,844	11.4	3	**	8,456	12.3
Mental Illness	78	70.4	1,703	32.7	8	**	1,789	34.5
Learning Disability	10	1,756.9	31	2,976.2	0	-	41	2,678.8

Aneurin Bevan LHB Residents Treated in Non-Welsh Providers

FCEs	3,544	1.4%
Admission Episodes	3,059	1.6%

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

Total	43,516
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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).

* 3 patients have been recorded with an exceptionally long LOS of > 18,000 days.

**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	4,125	4,122	44%	56%	0%	99%	91.4	45.0	1.7	1.0	75	1%	99%
Upper digestive tract	7,944	7,022	47%	53%	5%	91%	52.5	32.0	10.8	5.0	60	21%	79%
Heart (CABG)	143	118	83%	17%	53%	46%	122.4	120.0	16.9	12.0	68	100%	0%
Heart (PTCA)	866	710	71%	29%	66%	30%	55.4	48.0	3.6	3.0	66	77%	23%
Hip	1,217	1,139	37%	63%	25%	73%	177.2	155.0	7.4	5.0	71	100%	0%
Knee	1,015	1,011	1011	43%	1%	98%	193.6	186.0	5.5	4.0	69	100%	0%
Kidney transplant	34	34	76%	24%	76%	24%	**	**	10.2	9.0	53	100%	0
Diagnosis (anywhere in admitting episode)													
Sepsis	5,839	2,516	52%	48%	66%	2%	71.4	35.0	13.8	7.0	60	100%	0%