HEADLINE FIGURES
PEDW Statistics - Data for the period 1st April 2019 to 31st March 2020.
NHS Hospital Admitted Patients – Aneurin Bevan 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 2019/20:

- There were 240,500 Finished Consultant Episodes (FCEs) recorded, a slight decrease on
- 2018/19 where 241,500 FCEs were recorded. There has been an increase of 14.2% over the
- last five years.
- Of these, 168,300 were admission episodes (the first in a spell), again a slight decrease (1,200)
- on the previous year and an 12.1% increase since 2015-16.
- Maternity admissions decreased by 6.9% in 2019-20 with 16,700 recorded. Maternity
- admissions have decreased 3.7% over the past five years.
- Emergency admissions continue to rise this year with emergencies representing 52.7% of all
- admissions. There were 88,700 emergency admissions this year compared to 89,100 in 2018-
- 19, a small decrease of 0.4% but an increase of 15.7% since 2015-16.
- 54,900 admissions were from waiting lists (including booked admissions), a decrease of 2.3%
- on the previous year.
- 80% (193,200) of all FCEs were ordinary inpatient episodes, 20% (47,300) were day case
- episodes.
- 37% of all FCEs (89.4% of day case episodes) involved some form of procedure or intervention.
- 1.3% of admissions (2,300) were from patients not normally resident within Wales, this is
- consistent with admissions recorded in 2018/19

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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 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.

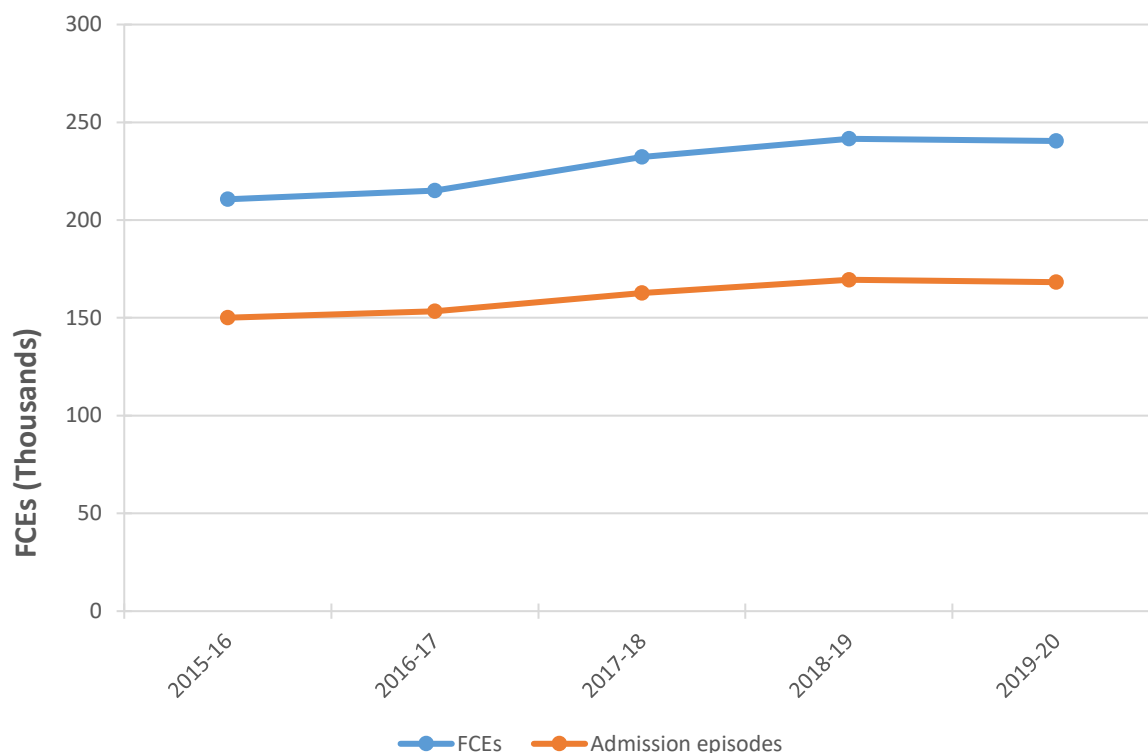**Chart 1: Number of FCEs and admission episodes 2016-17 to 2019-20**

Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. FCEs and admission episodes have remained stable over the last year with only small decreases of 0.4% for FCEs and 0.7% for admission episodes recorded. Prior to this both FCEs and admission episodes increased year on year from 2015-16 with FCEs increasing 14.2% and admission episodes 12.1% over the past five years.

Chart 2: Number of admission episodes by admission method 2015-16 to 2019-20

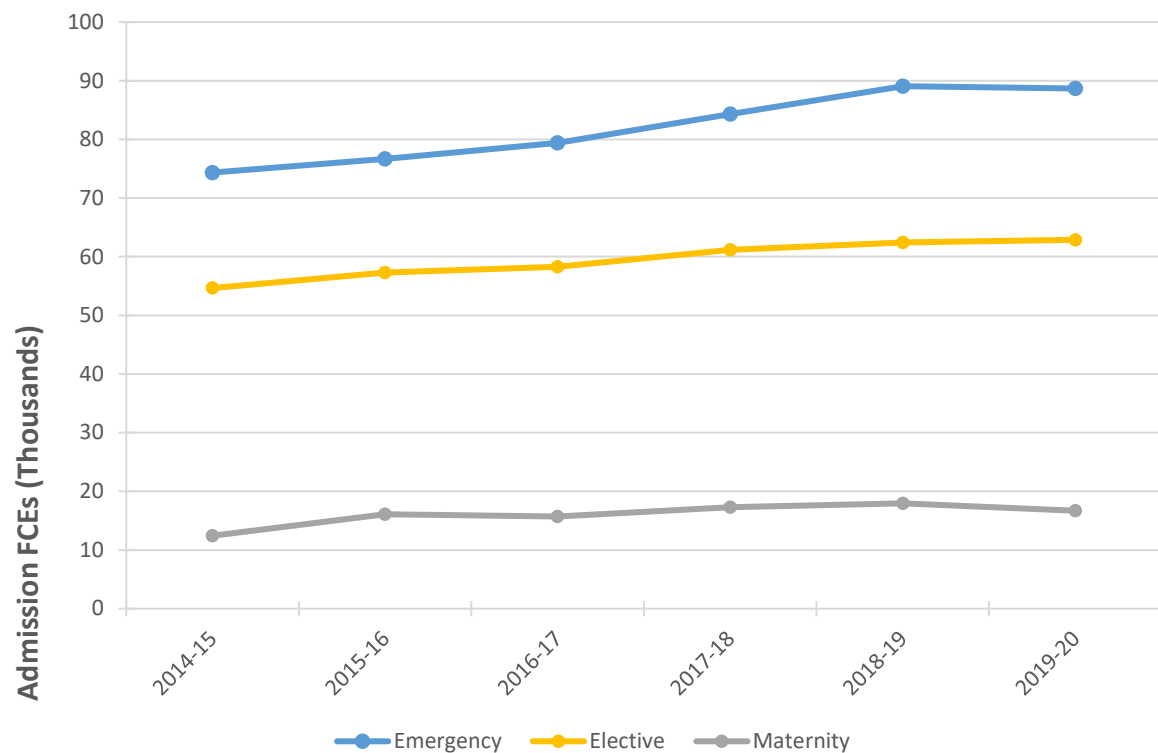Chart 2 shows the volume of admission episodes split by admission method over time. Emergency admissions make up the majority of admissions (52.7% in 2019-20) and both Emergency and Elective admission episodes have remained stable over the past year following year on year increases since 2015-16. Maternity admissions have decreased in 2019-20 with 16,717 admission episodes recorded compared to 17,956 in 2018-19, a decrease of 6.9%.

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

Total	**240,473**	**100.0%**
Proportion of the above episodes with a procedure or intervention:	37.0%	

FCEs by Patient Classification

Inpatient FCEs	**193,196**	**80.3%**
Proportion of the above episodes with a procedure or intervention:	24.2%	
Day Case FCEs	**47,277**	**19.7%**
Proportion of the above episodes with a procedure or intervention:	89.4%	
Mothers Using Delivery Facilities Only: FCEs	**-**	**0.0%**
Patient Classification Unknown: FCEs	**0**	0.0%

FCEs by Patients' Age

0 - 4	14,752	6.1%
5 - 14	6,286	2.6%
15 - 24	15,925	6.6%
25 - 44	49,169	20.4%
45 - 64	51,088	21.2%
65 - 74	37,003	15.4%
75 - 84	41,099	17.1%
85 & Over	25,151	10.5%
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	**193,196**	**3.2**
All Non-Psychiatric Specialties Excluding Geriatrics	175,212	2.5
All Non-Psychiatric Specialties	191,424	2.8
All Psychiatric Specialties	1,772	46.4
Acute	156,636	2.6
Maternity	18,165	0.9
Geriatrics	16,212	6.7
Mental Illness	1,738	35.7
Learning Disability	34	591.9

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	130	0.1%

Delivery Episodes[2]

FCEs: Mothers giving birth (all patient classifications)	5,006	2.1%

FCEs in Spell Breakdown

1 episode only	75.8%
2 episodes	13.7%
3 episodes	6.1%
4 or more episodes	4.4%

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

Total			168,301	100.0%

	Inpatient	Daycase		
Elective admission episodes	15,760	47,126	**62,886**	**37.4%**
Waiting List	9,534	44,344	53,878	
Booked	94	927	1,021	
Planned	79	1,855	1,934	
Other Elective Admissions (transfers)	6,053	0	6,053	
Emergency admission episodes			**88,698**	**52.7%**
A&E			38,269	
GP			43,796	
Other Emergency			6,633	
Other admission episodes (including maternity)			**16,717**	**9.9%**

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

Total	168,667	100.0%
Deaths in hospital (including stillbirths)	2,988	1.8%

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	**15,748**	**11.5**	**89,067**	**4.5**	**16,726**	**4.5**	**121,541**	**5.4**
All Non-Psych Spec. excl. Geriatrics	14,980	10.4	79,532	3.1	16,718	1.4	111,230	3.8
All Non-Psychiatric	15,678	11.1	87,396	3.9	16,722	1.4	119,796	4.5
All Psychiatric Specialties	70	99.9	1,671	38.5	4	**	1,745	70.0
Acute	14,679	10.2	79,331	3.1	1,228	7.0	95,238	4.2
Maternity	139	2.9	85	1.5	15,490	1.0	15,714	1.0
Geriatrics	698	25.7	7,864	12.1	4	**	8,566	13.2
Mental Illness	62	93.3	1,650	34.8	0	-	1,712	36.9
Learning Disability*	8	**	21	329.9	4	**	33	1,790.0

Non-Welsh Residents Treated in Aneurin Bevan ULHB

FCEs	3,237	1.3%
Admission Episodes	2,255	1.3%

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

Total	15,013

[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 .

* 2 patients have been recorded with an exceptionally long LOS of > 2,000 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 Mean	Waiting Time Median	Length of Stay Mean	Length of Stay Median	Mean Age	Inpatient	Day Case
Procedures (main)													
Cataract	4,016	4,015	42%	58%	0%	100%	79.0	36.0	6.3	1.0	75	0%	100%
Upper digestive tract	7,661	6,827	46%	54%	4%	91%	46.5	32.0	11.5	7.0	61	17%	83%
Heart (CABG)	-	-	-	-	-	-	-	-	-	-	-	-	-
Heart (PTCA)	373	241	76%	24%	28%	62%	63.7	58.0	5.2	4.0	66	61%	39%
Hip	1,080	998	37%	63%	26%	70%	164.0	145.0	8.1	4.0	72	100%	0%
Knee	898	888	42%	58%	1%	97%	189.2	190.5	5.8	4.0	70	99%	1%
Kidney transplant	-	-	-	-	-	-	-	-	-	-	-	-	-
Diagnosis (anywhere in admitting episode)													
Sepsis	5,606	2,258	51%	49%	66%	1%	176.1	56.0	12.4	7.0	61	100%	0%