HEADLINE FIGURES
PEDW Statistics - Data for the period 1st April 2018 to 31st March 2019
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 2018/19:

- There were 241,600 Finished Consultant Episodes (FCEs) recorded, an increase of 4% on 2017-18 and 23.3% over the last five years.
- Of these, 169,500 were admission episodes (the first in a spell), a 4.1% rise (6,700) on the previous year and an 19.8% increase since 2014-15.
- Maternity admissions increased by 3.9% in 2018-19 with 18,000 recorded. Maternity admissions have increased 44.4% since 2014-15.
- Emergency admissions continue to rise this year with emergencies representing 52.6% of all admissions. There were 89,000 emergency admissions this year compared to 84,300 in 2017-18, an increase of 5.7% and 19.8% over five years.
- 56,200 admissions were from waiting lists (including booked admissions), an increase of 1.9% on the previous year.
- 81% (195,600) of all FCEs were ordinary inpatient episodes, 19% (46,000) were day case episodes.
- 37.3% of all FCEs (90.7% 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, an increase of 2.4% on the previous year.

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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 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
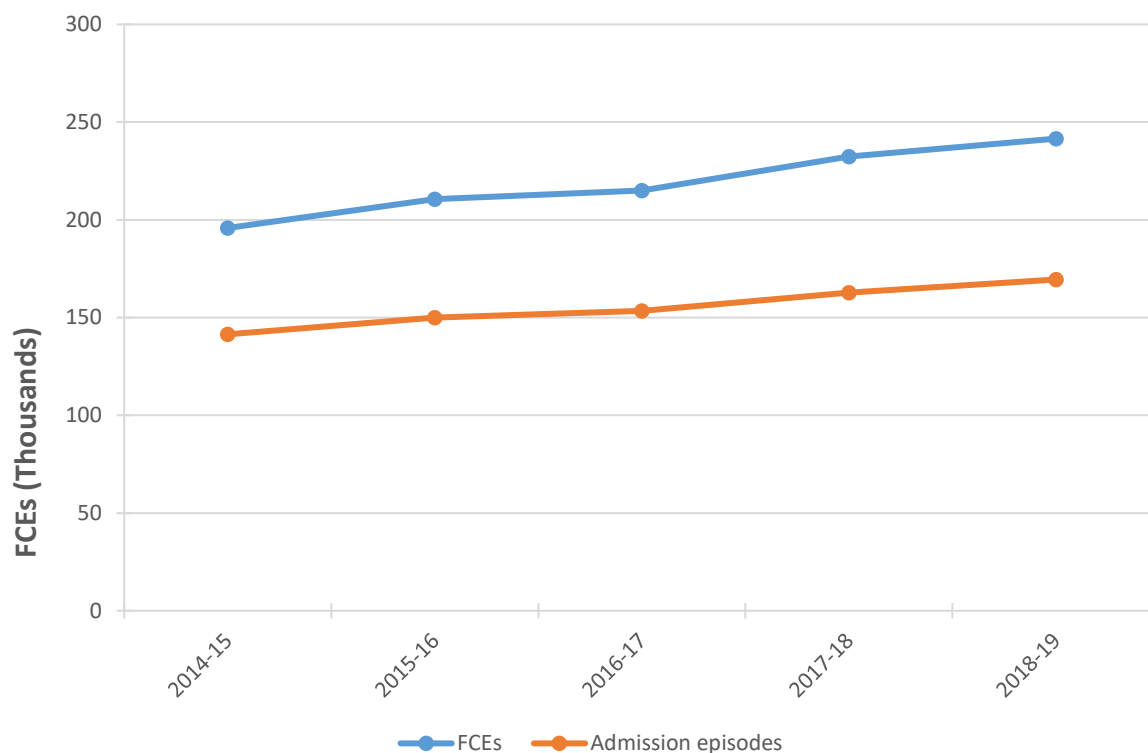

Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. FCEs and admission episodes have both increased year-on-year since 2014-15. FCEs have increased from 195,900 in 2014-15 to 241,600 in 2018-19 an increase of 23.3%.

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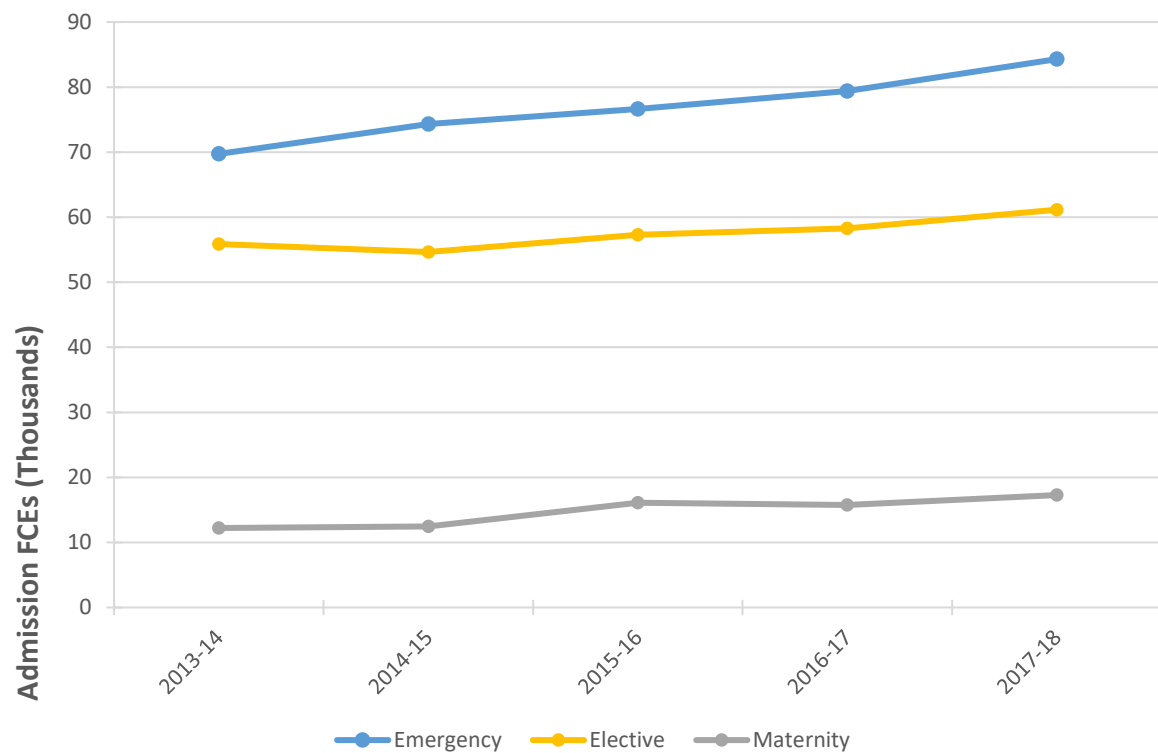

Chart 2 shows the volume of admission episodes split by admission method over time. Emergency admissions make up the majority of admissions (52.6% in 2018-19) and there has been an overall rise in activity in all admission methods from 2014-15 to 2018-19. Maternity admissions have continued to increase in 2018-19, 17,956 compared to 17,281 in 2017/18, an increase of 3.9%.

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

Total	**241,555**	**100.0%**
Proportion of the above episodes with a procedure or intervention:	37.3%	

FCEs by Patient Classification

Inpatient FCEs	**195,579**	**81.0%**
Proportion of the above episodes with a procedure or intervention:	24.7%	
Day Case FCEs	**45,976**	**19.0%**
Proportion of the above episodes with a procedure or intervention:	90.8%	
Mothers Using Delivery Facilities Only: FCEs	**-**	**0.0%**
Patient Classification Unknown: FCEs	**0**	0.0%

FCEs by Patients' Age

0 - 4	15,534	6.4%
5 - 14	6,313	2.6%
15 - 24	17,220	7.1%
25 - 44	50,090	20.7%
45 - 64	50,918	21.1%
65 - 74	37,465	15.5%
75 - 84	39,731	16.4%
85 & Over	24,284	10.1%
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	**195,579**	**3.1**
All Non-Psychiatric Specialties Excluding Geriatrics	177,567	2.4
All Non-Psychiatric Specialties	193,606	2.7
All Psychiatric Specialties	1,973	41.2
Acute	157,874	2.5
Maternity	19,245	0.8
Geriatrics	16,039	6.2
Mental Illness	1,924	28.6
Learning Disability	49	533.9

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	150	0.1%

Delivery Episodes[2]

FCEs: Mothers giving birth (all patient classifications)	5,189	2.1%

FCEs in Spell Breakdown

1 episode only	76.2%
2 episodes	13.1%
3 episodes	6.3%
4 or more episodes	4.4%

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

	Inpatient	Daycase		
Total			**169,471**	**100.0%**
Elective admission episodes	16,607	45,840	**62,447**	**36.8%**
Waiting List	10,497	42,306	52,803	
Booked	290	3,074	3,364	
Planned	100	460	560	
Other Elective Admissions (transfers)	5,720	0	5,720	
Emergency admission episodes			**89,068**	**52.6%**
A&E			37,183	
GP			44,759	
Other Emergency			7,126	
Other admission episodes (including maternity)			**17,956**	**10.6%**

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

Total	**169,492**	**100.0%**
Deaths in hospital (including stillbirths)	2,769	1.6%

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	**16,619**	**11.4**	**89,078**	**5.3**	**17,955**	**1.4**	**123,652**	**5.6**
All Non-Psych Spec. excl. Geriatrics	15,934	9.7	78,909	3.0	17,953	1.4	112,796	3.7
All Non-Psychiatric	16,545	10.2	87,256	3.8	17,955	1.4	121,756	4.3
All Psychiatric Specialties	74	275.0	1,822	79.2	0	-	1,896	86.8
Acute	15,587	9.4	78,670	3.0	1,285	7.0	95,542	4.1
Maternity	129	3.1	121	1.5	16,668	0.9	16,918	1.0
Geriatrics	611	22.7	8,347	11.4	2	**	8,960	12.2
Mental Illness	64	43.4	1,791	29.0	0	-	1,855	29.5
Learning Disability	10	1,756.9	31	######	0	-	41	2,679.1

Non-Welsh Residents Treated in Aneurin Bevan LHB

FCEs	3,267	1.4%
Admission Episodes	2,265	1.3%

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

Total	**15,948**

[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 .

* 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 Mean	Waiting Time Median	Length of Stay Mean	Length of Stay Median	Mean Age	Inpatient	Day Case
Procedures (main)													
Cataract	3,575	3,572	43%	57%	0%	100%	88.6	42.0	2.8	1.0	75	1%	99%
Upper digestive tract	7,273	6,456	47%	53%	4%	93%	51.5	32.0	11.5	6.0	61	18%	82%
Heart (CABG)	-	-	-	-	-	-	-	-	-	-	-	-	-
Heart (PTCA)	398	262	74%	26%	27%	66%	50.3	48.0	5.4	4.5	66	59%	41%
Hip	1,205	1,122	38%	62%	23%	75%	176.8	154.0	7.1	5.0	72	100%	0%
Knee	1,033	1,029	1029	42%	1%	98%	194.2	188.0	5.4	4.0	69	100%	0%
Kidney transplant	-	-	-	-	-	-	-	-	-	-	-	-	-
Diagnosis (anywhere in admitting episode)													
Sepsis	5,505	2,261	51%	49%	64%	2%	80.7	25.0	13.1	7.0	60	100%	0%