

HEADLINE FIGURES

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

NHS Hospital Admitted Patients - All Welsh Providers

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.

Note: From 1st April 2019 health service provision for residents of Bridgend local authority moved from Abertawe Bro Morgannwg to Cwm Taf. The health board names have changed with Cwm Taf University Health Board becoming Cwm Taf Morgannwg University Health Board and Abertawe Bro Morgannwg University Health Board becoming Swansea Bay University Health Board. For more information see the [*Joint statement from Cwm Taf and Abertawe Bro Morgannwg University Health Boards*](#). Therefore, data for Cwm Taf Morgannwg University Health Board and Swansea Bay University Health Board are only available for 2019/20 and are not comparable with previous years' data.

Key Facts¹

In 2019/20:

- There were 1,008,400 Finished Consultant Episodes (FCEs) recorded, representing no change from the previous year and 13.8% over the last ten years.
- Of these, 826,500 were admission episodes (the first in a spell), again, no change from 2018-19 but an increase of 11.3% since 2010-11.
- Emergency admissions were down slightly (0.6%) in the latest year to 392,400, compared to 394,900 in 2018-19. However, there has been an increase of 12.2% over the last ten years.
- Emergency admissions make up the majority of admissions in NHS Wales (47.5% in 2019-20).
- Admissions from waiting lists (including booked admissions) has remained stable in the latest year, 310,800 episodes were recorded in 2019-20.
- 70.3% of episodes were ordinary inpatient episodes and 27.5% were day cases. Mothers using delivery facilities made up the other 2.1% of all episodes.
- 49.8% of all episodes (92.4% of day case episodes) involved some form of procedure or intervention.
- There were 26,000 delivery episodes, a decrease of 6.7% from the previous year and an overall decrease of 21.9% since 2010-11.
- 1.3% of admissions (11,100) were from patients not normally resident within Wales, down 1% on the previous year and a decrease of 2.9% over the last ten years ago.
- The number of day and night regular attender episodes in NHS Wales decreased this year by 5.2%; 157,000 episodes took place compared to 165,600 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.

Data validity data quality note: Cwm Taf Morgannwg did not meet the validity target for Referrer Code. 97% of the invalid values related to episodes that took place in the Princess of Wales Hospital, and the vast majority of those contained blank values. In April 2019, the geographical boundary between Abertawe Bro Morgannwg LHB and Cwm Taf LHB changed to create Swansea Bay LHB and Cwm Taf Morgannwg LHB. Princess of Wales Hospital moved from Abertawe Bro Morgannwg LHB to Cwm Taf Morgannwg LHB as part of that change, and this has resulted in some data quality issues.

The validity targets for Main Specialty (Consultant) and Speciality of Treatment Code are being met every year by all organisations apart from Powys. The records that are causing this low validity mainly relate to activity where a general practitioner is responsible for the patient during their inpatient stay and/or where the patient is treated under the specialty of general practice. The main specialty code relating to GPs changed when the list of values for this data item was revised in April 2015 as per DSCN 2014 / 078 and the specialty of treatment codes for general practice ceased to be valid in April 2016 as per DSCN 2014/089. Although other organisations have also submitted such activity, this issue has been highlighted in Powys as it accounts for a high proportion of their overall activity. An upgrade to the WPAS system is needed before the validity of these data items will improve.

The validity target for Consultant Code was not being formally monitored in 2019/20 as the check was amended during 2018/19 and again during 2019/20.

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 over the last ten years (2010-11 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 2010-11 to 2019-20

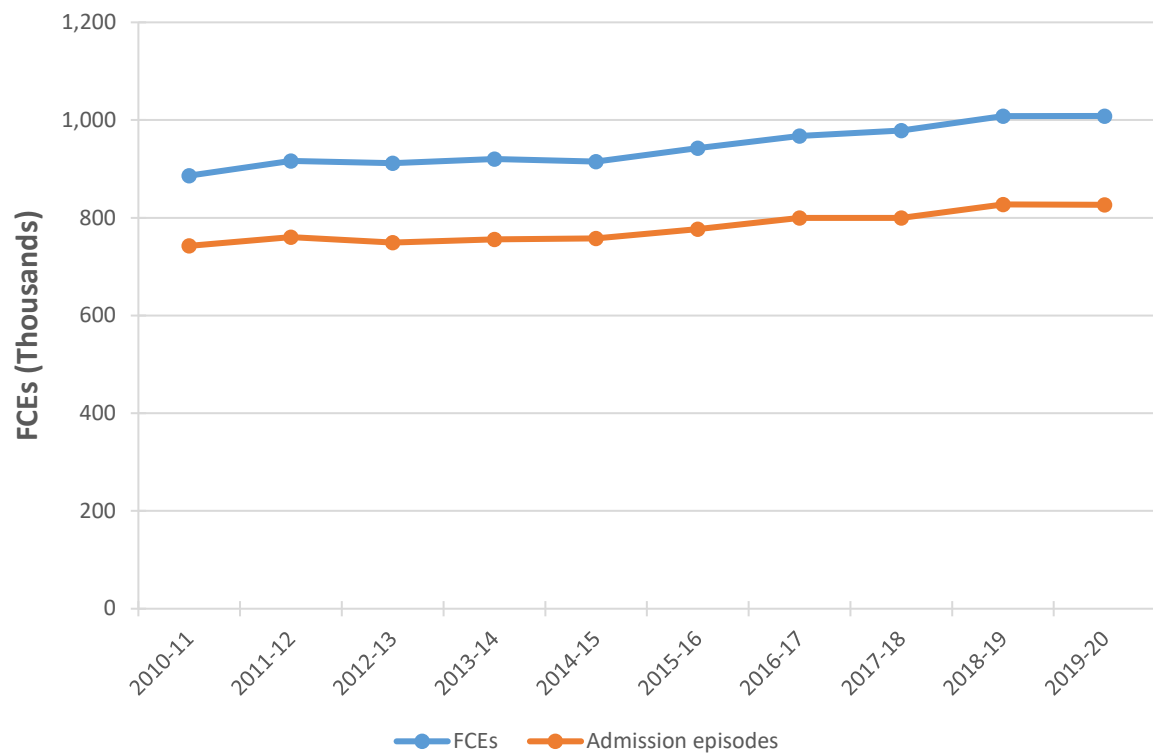


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. FCEs and admission episodes have remained stable over the latest year but have increased over the last ten years 2010-11 to 2019-20 by 13.8% and 11.3%, respectively.

Chart 2: Number of admission episodes by admission method 2010-11 to 2019-20

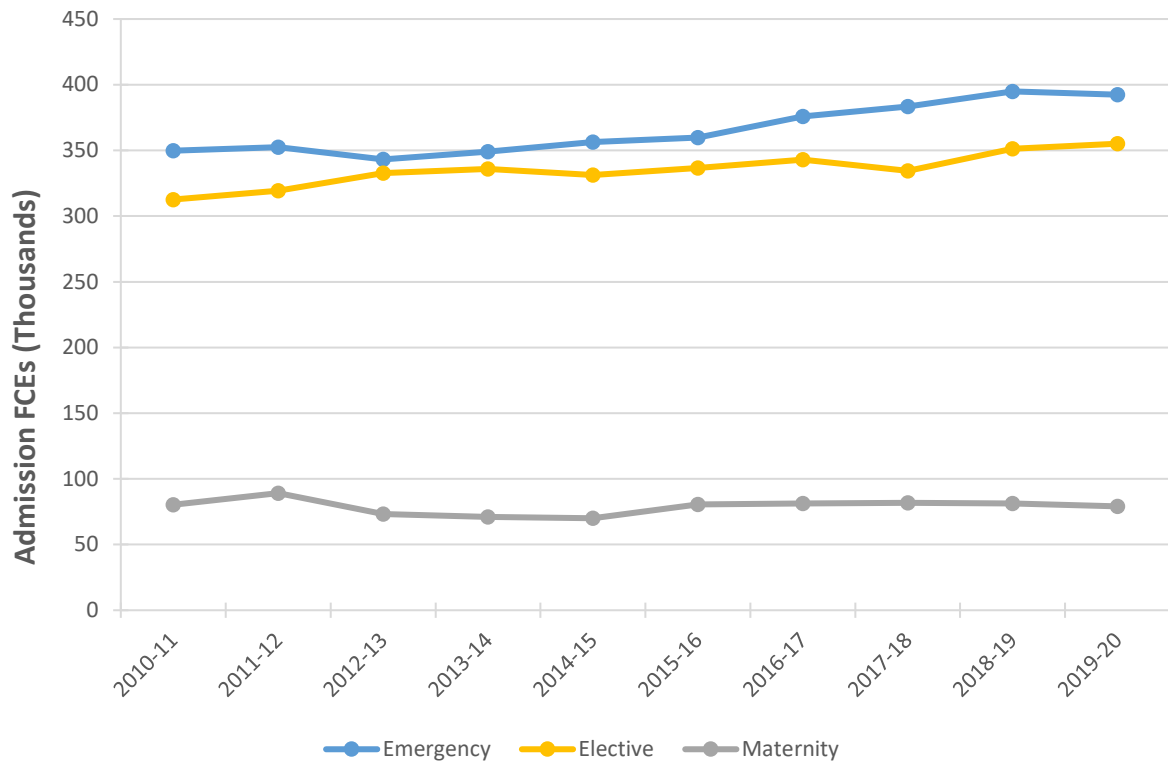


Chart 2 shows the volume of admission episodes split by admission method over time. Emergency admissions make up the majority of admissions in NHS Wales (47.5% in 2019-20) and there has been a slight decrease in the latest year following a year-on-year increase in emergency activity since 2012-13. The number of elective admissions has increased again slightly this year (1.1%) following a drop 2.5% in 2017-18. Maternity admissions have remained relatively stable in the last five years since 2015-16.

HEADLINE FIGURES

PEDW Statistics - Data for the period 1st April 2019 to 31st March 2020
NHS Hospital Admitted Patients - All Welsh Providers

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

Total	1,008,428	100.00%
Proportion of the above episodes with a procedure or intervention:	49.8%	

FCEs by Patient Classification

Inpatient FCEs	709,294	70.34%
Proportion of the above episodes with a procedure or intervention:	33.3%	
Day Case FCEs	277,620	27.53%
Proportion of the above episodes with a procedure or intervention:	92.4%	
Mothers Using Delivery Facilities Only: FCEs	21,512	2.13%
Patient Classification Unknown: FCEs	2	0.00%

FCEs by Patients' Age

0 - 4	62,529	6.2%
5 - 14	33,887	3.4%
15 - 24	63,607	6.3%
25 - 44	185,385	18.4%
45 - 64	219,602	21.8%
65 - 74	170,789	16.9%
75 - 84	173,934	17.2%
85 & Over	98,664	9.8%
Not known	31	0.0%

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

	FCEs	Bed days
All Specialties	709,294	5.0
All Non-Psychiatric Specialties Excluding Geriatrics	666,005	3.8
All Non-Psychiatric Specialties	698,867	4.2
All Psychiatric Specialties	10,404	53.6
Acute	604,419	4.1
Maternity	61,174	1.0
Geriatrics	32,862	13.5
Mental Illness	10,259	46.7
Learning Disability	145	540.2

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	1,873	0.2%
------------------------------------	-------	------

Delivery Episodes²

FCEs: Mothers giving birth (all patient classifications)	25,992	2.6%
--	--------	------

FCEs in Spell Breakdown

1 episode only	86.0%
2 episodes	9.4%
3 episodes	2.9%
4 or more episodes	1.7%

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

Total			826,517	100.0%
	Inpatient	Daycase		
Elective admission episodes	78,209	276,890	355,101	43.0%
Waiting List	51,556	221,054	272,610	
Booked	6,886	31,321	38,209	
Planned	5,246	24,511	29,757	
Other Elective Admissions (transfers)	14,521	4	14,525	
Emergency admission episodes			392,403	47.5%
A&E			207,816	
GP			116,474	
Other Emergency			68,113	
Other admission episodes (including maternity)			79,013	9.6%

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

Total	827,598	100.0%
Deaths in hospital (including stillbirths)	16,196	2.0%

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	78,221	10.1	393,381	6.7	58,774	2.3	530,376	6.7
All Non-Psych Spec. excl. Geriatrics	73,383	6.6	366,726	5.2	58,764	1.4	498,873	5.0
All Non-Psychiatric	76,841	8.1	385,824	5.9	58,768	1.4	521,433	5.7
All Psychiatric Specialties	1,363	124.5	7,556	50.5	6	**	8,925	67.5
Acute	72,507	6.6	365,350	5.2	3,496	7.7	441,353	5.5
Maternity	714	2.2	1,260	1.1	55,268	1.0	57,242	1.0
Geriatrics	3,458	39.8	19,098	17.6	4	**	22,560	21.0
Mental Illness	1,324	101.1	7,467	46.9	2	**	8,793	55.0
Learning Disability*	39	917.5	89	359.1	4	**	132	899.1

Non-Welsh Residents Treated in Welsh Providers

FCEs	13,657	1.4%
Admission Episodes	11,127	1.3%

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

Total	157,033
--------------	----------------

[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.

*5 patients have been recorded with an exceptionally long LOS of > 5,000 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	19,340	19,332	42%	58%	0%	94%	165.4	97.0	3.0	1.0	75	1%	99%
Upper digestive tract	42,044	38,272	48%	52%	6%	86%	75.3	30.0	10.6	5.0	61	19%	81%
Heart (CABG)	701	460	79%	21%	29%	56%	124.6	110.0	17.0	12.0	68	100%	0%
Heart (PTCA)	4,353	3,472	74%	26%	67%	29%	80.1	56.0	3.0	2.0	66	86%	14%
Hip	5,796	5,589	38%	62%	37%	60%	268.6	213.0	9.2	5.0	73	100%	0%
Knee	3,663	3,636	44%	56%	2%	95%	299.1	247.0	5.1	4.0	70	100%	0%
Kidney transplant	99	99	58%	42%	71%	29%	17.4	17.0	12.0	10.0	48	100%	0%
Diagnosis (primary)													
Cancer	75,653	68,332	49%	51%	13%	75%	57.2	14.0	8.2	3.0	65	39%	61%
Ischaemic Heart Disease	15,620	9,862	64%	36%	66%	26%	58.0	41.0	5.5	3.0	70	85%	15%
Influenza, pneumonia etc	72,089	45,872	48%	52%	87%	9%	172.0	98.0	7.1	3.0	59	96%	4%
Hernia	7,394	6,960	74%	26%	26%	73%	156.9	126.0	4.0	1.0	57	53%	47%
Head Injuries	9,280	7,776	58%	42%	90%	8%	14.9	6.0	4.8	1.0	50	95%	5%
Diagnosis (anywhere in admitting episode)													
Sepsis	21,373	11,651	52%	48%	82%	2%	94.1	26.0	15.6	8.0	65	99%	0%