HEADLINE FIGURES

PEDW Statistics - Data for the period 1st April 2020 to 31st March 2021

NHS Hospital Admitted Patients – Cwm Taf Morgannwg 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 Digital Health and Care Wales (DHCW) 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.

Notes

Due to the health service provision change for residents of Bridgend local authority which took effect from 1st April 2019, previous years data for Cwm Taf Morgannwg University Health Board is only available for the year of 2019-20 and is not comparable with earlier data for the former 'Cwm Taf University Health Board'. For more information see the *Joint statement from Cwm Taf and Abertawe Bro Morgannwg University Health Boards*.

Key Facts[1]

COVID-19 has greatly impacted Admitted Patient Care in 2020/21, admissions across all areas have reduced, please see below for details:

In 2020/21:

- There were 93,700 Finished Consultant Episodes (FCEs) recorded in 2020-21, a decrease of 40% on 2019-20.
- Of these, 71,500 were admission episodes (the first in a spell).
- Emergency admissions declined by 32% on 2019-20 to 45,200 emergency admissions in 2020-21. Emergency admissions made up the majority of admissions at 63%.
- 13,400 admissions were from waiting lists (including booked admissions). This is a reduction of 68% on 2019-20.
- 78% (73,100) of all FCEs were ordinary inpatient episodes, 13% (11,800) were day case episodes.
- 45% of all FCEs (96% of day case episodes) involved some form of procedure or intervention.

---

[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 November 2021. The clinical coding section of the APC Data Quality Status report advises that three organisations (BCUHB, Powys and Swansea) met both clinical coding completeness targets while another three organisations (Aneurin Bevan, Cwm Taf and Hywel Dda) failed to meet either of them. Aneurin Bevan (92.8%), Cwm Taf (89.1%) and Hywel Dda (85.9%) failed to achieve the national standard of 95% coded within 3 months of episode end date, while Aneurin Bevan (92.8%), Cardiff & Vale (96.8%), Cwm Taf (89.1%), Hywel Dda (85.9%) and Velindre (97.6%) failed to achieve the 98% target for rolling 12 months' data.

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
- 2020/21 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 (2019-20 to 2020-21). Data for years other than the latest year have been taken from previous publications.

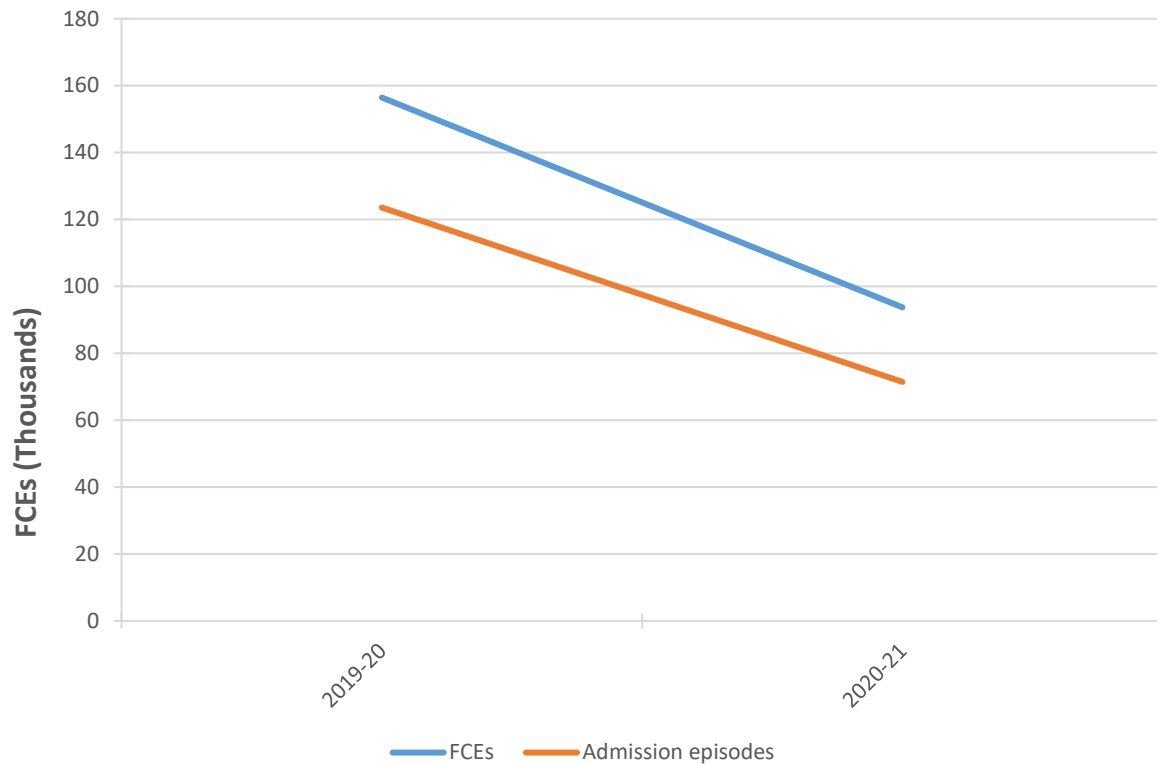**Chart 1: Number of FCEs and admission episodes 2019-20 to 2020-21**

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 admissions episodes dropped significantly in 2020-21; FCEs fell by 40% (62,700) and admission episodes fell by 42% (52,100) on the previous year.

Chart 2: Number of admission episodes by admission method 2019-20 to 2020-21
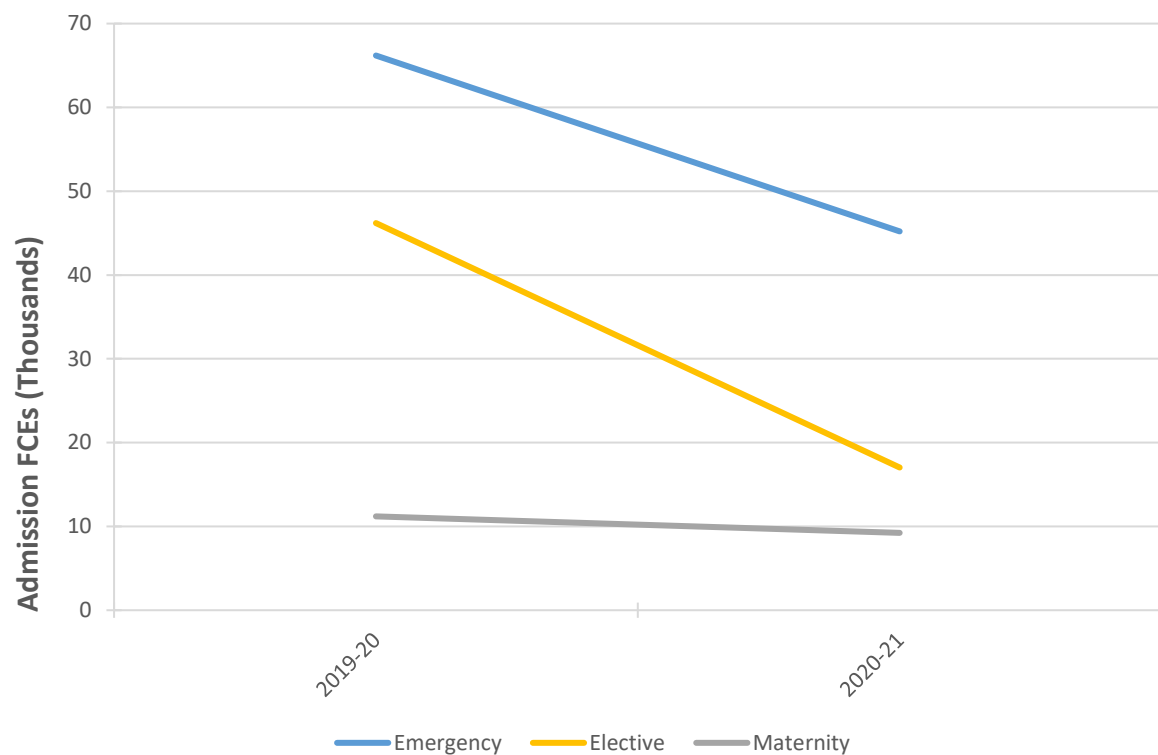

Chart 2 shows the volume of admission episodes split by admission method over time. Emergency admissions made up the majority of admissions for Cwm Taf Morgannwg in 2020-21 (63%). Elective admissions experienced the highest percentage decline on the previous year of 63%, compared to a 32% reduction in emergency admissions and 18% reduction in maternity admissions.

HEADLINE FIGURES
PEDW Statistics - Data for the period 1st April 2020 to 31st March 2021
NHS Hospital Admitted Patients - Cwm Taf Morgannwg University Health Board Provider

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

Total	**93,746**	**100.0%**
Proportion of the above episodes with a procedure or intervention:	44.9%	

FCEs by Patient Classification

Inpatient FCEs	**73,107**	**78.0%**
Proportion of the above episodes with a procedure or intervention:	35.9%	
Day Case FCEs	**11,818**	**12.6%**
Proportion of the above episodes with a procedure or intervention:	96.0%	
Mothers Using Delivery Facilities Only: FCEs	**8,821**	**9.4%**
Patient Classification Unknown: FCEs	**0**	**0.0%**

FCEs by Patients' Age

0 - 4	6,451	6.9%
5 - 14	3,076	3.3%
15 - 24	5,429	5.8%
25 - 44	16,789	17.9%
45 - 64	19,320	20.6%
65 - 74	15,182	16.2%
75 - 84	17,250	18.4%
85 & Over	10,249	10.9%
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	**73,107**	**6.4**
All Non-Psychiatric Specialties Excluding Geriatrics	68,678	4.5
All Non-Psychiatric Specialties	71,549	5.4
All Psychiatric Specialties	1,558	53.8
Acute	68,571	4.5
Maternity	105	1.6
Geriatrics	2,871	26.0
Mental Illness	1,558	53.8
Learning Disability	-	-

Private Patients Treated in NHS Hospitals

FCEs (all patient classifications)	4	0.0%

Delivery Episodes[2]

FCEs: Mothers giving birth (all patient classifications)	4,126	4.4%

FCEs in Spell Breakdown

1 episode only	80.9%
2 episodes	12.5%
3 episodes	4.0%
4 or more episodes	2.6%

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

Total			**71,459**	**100.0%**
	Inpatient	Daycase		
Elective admission episodes	5,215	11,813	**17,028**	**23.8%**
Waiting List	2,443	10,806	13,249	
Booked	43	144	187	
Planned	131	863	994	
Other Elective Admissions (transfers)	2,598	0	2,598	
Emergency admission episodes			**45,203**	**63.3%**
A&E			33,552	
GP			6,389	
Other Emergency			5,262	
Other admission episodes (including maternity)			**9,228**	**12.9%**

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

Total	**71,339**	**100.0%**
Deaths in hospital (including stillbirths)	3,467	4.9%

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	**5,203**	**27.2**	**45,096**	**7.1**	**853**	**4.0**	**51,152**	**9.1**
All Non-Psych Spec. excl. Geriatrics	4,026	12.3	43,033	5.7	850	3.8	47,909	6.2
All Non-Psychiatric	4,917	20.3	44,094	6.3	852	4.0	49,863	7.7
All Psychiatric Specialties	286	145.4	1,002	42.4	1	**	1,289	65.2
Acute	4,008	12.3	42,960	5.7	847	3.8	47,815	6.2
Maternity	18	2.6	72	1.2	3	**	93	1.5
Geriatrics	891	56.8	1,061	32.0	2	**	1,954	43.3
Mental Illness	286	145.4	1,002	42.4	1	**	1,289	65.2
Learning Disability	0	-	0	-	0	-	0	-

Non-Welsh Residents Treated in Cwm Taf Morgannwg ULHB

FCEs	265	0.3%
Admission Episodes	220	0.3%

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

Total	**80**

[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 .

**Calculated values such as average length of stay or average beddays are not provided where based on less than 10 values

PEDW Statistics - Data for the period 1st April 2020 to 31st March 2021
NHS Hospital Admitted Patients - Cwm Taf Morgannwg University Health Board Provider

	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	790	790	44%	56%	0%	100%	200.0	195.5	28.2	2.0	75	1%	99%
Upper digestive tract	3,783	3,105	52%	48%	16%	72%	55.4	27.0	10.7	5.0	59	39%	61%
Heart (CABG)	3	-	100%	0%	0%	0%	**	**	**	**	**	-	0%
Heart (PTCA)	7	2	86%	14%	50%	0%	**	**	**	**	**	100%	0%
Hip	404	377	29%	71%	81%	19%	503.1	542.5	14.2	10.0	79	100%	0%
Knee	77	77	36%	64%	4%	96%	515.4	550.0	3.6	3.0	69	100%	0%
Kidney transplant	-	-	-	-	-	-	-	-	-	-	-	-	-
Diagnosis (anywhere in admitting episode)													
Sepsis	2,066	1,165	51%	49%	71%	1%	36.8	18.5	16.7	9.0	60	95%	0%

Notes

** Figures have been suppressed due to low numbers

Percentages have been rounded to nearest whole number

Procedures (codes are from the OPCS Classification of Interventions and Procedures Version 4.7)

1. Cataract: Extraction and prosthesis of lens (C71 - C75)

2. Upper Digestive Tract: Includes operations on oesophagus, stomach, pylorus, duodenum, jejunum and ileum (G01 - G82)

3. Heart (Coronary Artery Bypass Graft): Includes replacement of coronary artery, connection of thoracic artery to coronary artery and other methods of bypass (K40 - K46)

4. Heart (Percutaneous Transluminal operations on Coronary Artery): Includes balloon and laser angioplasty (K49, K50, K51 and K75)

5. Hip: Total prosthetic replacement of hip joint (W37 - W39), prosthetic replacement of head of femur (W46 - W48), hybrid prosthetic replacement of hip joint (W93-W95)

6. Knee: Total prosthetic replacement of knee joint (W40-W42)

7. Kidney: All transplantations of kidneys (M01)

Diagnosis (codes are from the International Statistical Classification of Diseases and Related Health Problems (ICD10) 4th Edition, published by the WHO)

13. Sepsis: Any mention of a Sepsis diagnosis in any of the 14 diagnosis fields in the admitting episode of care. Includes:

Brucellosis (A23), Other zoonotic bacterial diseases nec (A28), Streptococcal sepsis (A40), Other sepsis (A41), Bacterial sepsis of newborn (P36), Puerperal sepsis (O85), Salmonella sepsis (A021), Shigellosis unspecified (A039),

Septicaemic plague (A207), Anthrax sepsis (A227), Acute and fulminating melioidosis (A241), Erysipelothrix sepsis (A267), Listerial sepsis (A327), Tetanus neonatorum (A33X), Acute meningococcaemia (A392),

Meningococcaemia unspecified (A394), Actinomycotic sepsis (A427), Other gonococcal infections which includes sepsis (A548), Genital tract and pelvic infection following abortion and ectopic and molar pregnancy (O080),

Other infection during labour (O753), Systemic inflammatory response syndrome of infectious origin without organ failure (R650), Systemic inflammatory response syndrome of infectious origin with organ failure (R651),

Septic Shock (R572), plus the following pairs of codes which are dagger/asterisk code pairs which must be present together: A390† Meningococcal meningitis (G01*), A391† Waterhouse-Friderichsen syndrome (E351*)