

HEADLINE FIGURES

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

NHS Hospital Admitted Patients – Betsi Cadwaladr 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 Facts¹

In 2019/20:

- There were 195,000 Finished Consultant Episodes (FCEs) recorded, an increase of 1.7% on 2018-19 and an increase of 4.6% over the last five years.
- Of these, 168,900 were admission episodes (the first in a spell), a 1.5% increase (2,500) on the previous year and a 6.2% increase since 2015-16.
- Emergency admissions continued to rise this year with emergencies representing 52.5% of all admissions. There were 88,600 emergency admissions this year compared to 86,900 in 2018-19, an increase of 2% and of 13.6% over five years.
- 60,200 admissions were from waiting lists (including booked admissions), this is consistent with admissions in 2018/19 with only a 0.2% decrease.
- 65.7% (128,200) of all FCEs were ordinary inpatient episodes, 28.8% (56,100) were day case episodes.
- 53% of all FCEs (94.4% of day case episodes) involved some form of procedure or intervention.
- 3.2% of admissions (5,300) were from patients not normally resident within Wales, this activity was consistent with last year's figure.

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 2015-16 to 2019-20

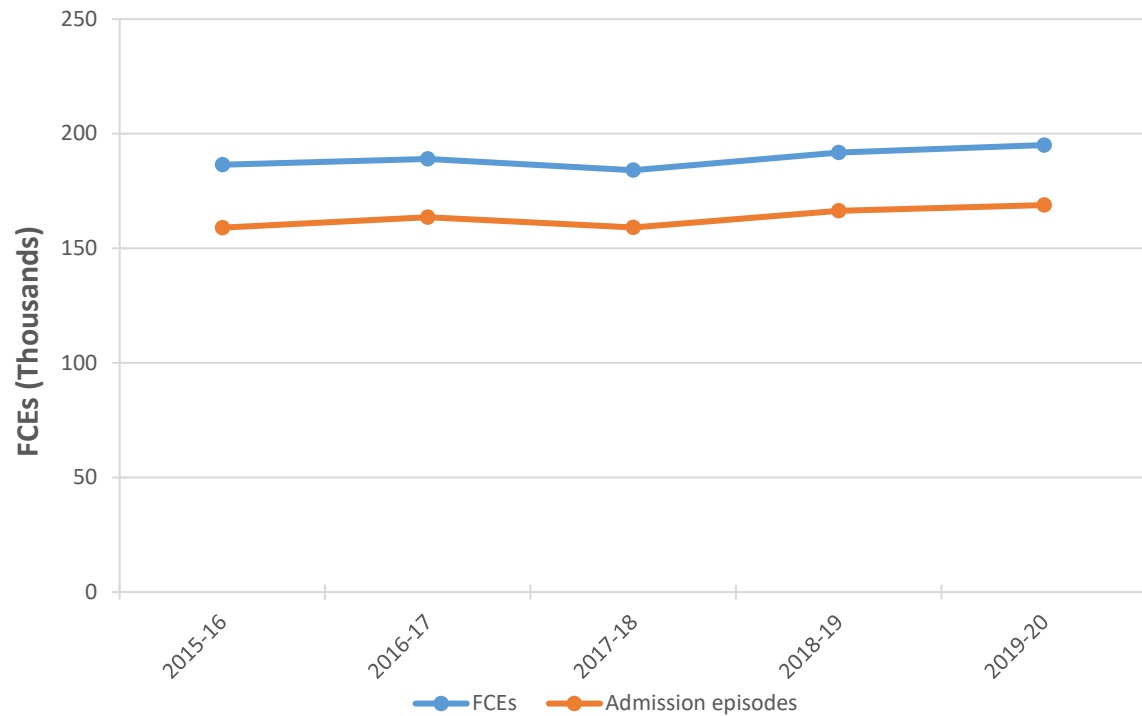


Chart 1 shows the volume of episodes and admission episodes each year. Admission episodes are the first episode within a spell of care. Overall, there has been an increase in FCE activity (up 4.6%) over the past five years and an increase of 6.2% in admission episodes.

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

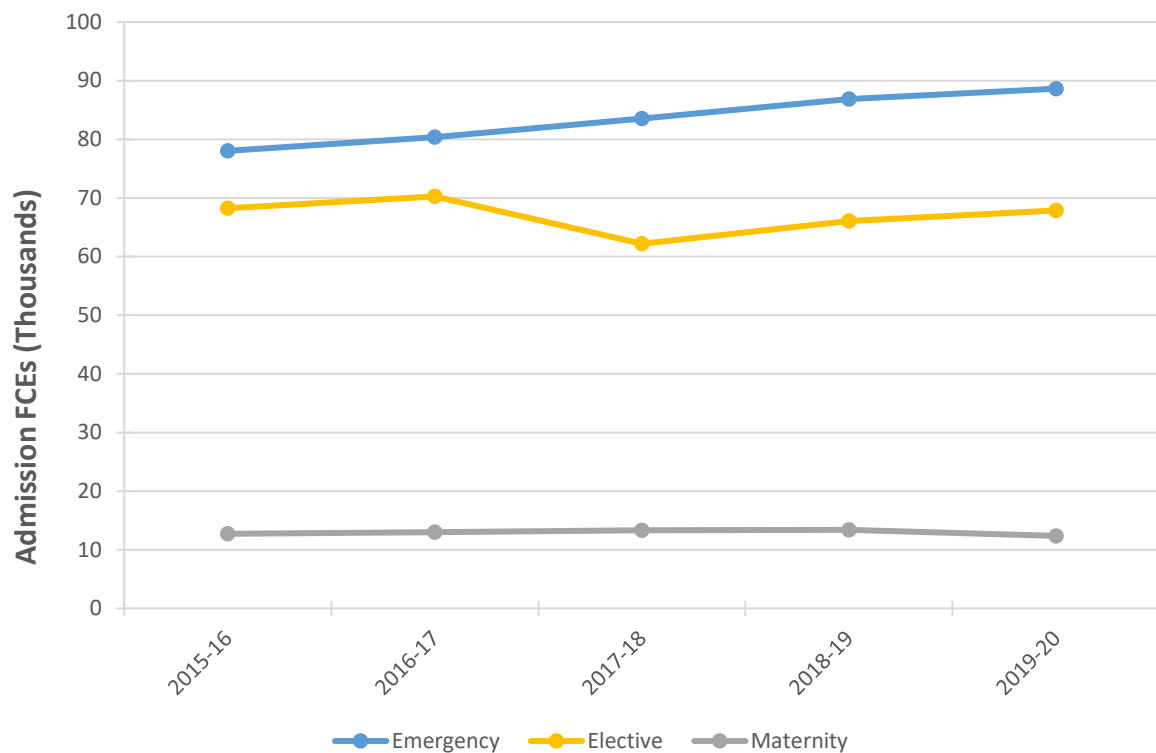


Chart 2 shows the volume of admission episodes split by admission method over time. Emergency admissions make up the majority of admissions (52.5% in 2019-20) and there has been an overall rise in emergency admissions (13.6%) from 2015-16 to 2019-20. Elective admissions numbers decreased sharply in 2017-18 by 11.5% (a decrease of 8,000), however, numbers have increased again over the past two years and are down only slightly (0.6%) over a five-year period. Maternity admissions are down 7.7% in 2019/20, 12,400 compared to 13,400 in 2018/19.

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

| | | |
|--|----------------|---------------|
| Total | 195,049 | 100.0% |
| Proportion of the above episodes with a procedure or intervention: | 53.0% | |

FCEs by Patient Classification

| | | |
|--|----------------|--------------|
| Inpatient FCEs | 128,223 | 65.7% |
| Proportion of the above episodes with a procedure or intervention: | 35.8% | |
| Day Case FCEs | 56,092 | 28.8% |
| Proportion of the above episodes with a procedure or intervention: | 94.4% | |
| Mothers Using Delivery Facilities Only: FCEs | 10,734 | 5.5% |
| Patient Classification Unknown: FCEs | 0 | 0.0% |

FCEs by Patients' Age

| | | |
|-----------|--------|-------|
| 0 - 4 | 10,230 | 5.2% |
| 5 - 14 | 6,448 | 3.3% |
| 15 - 24 | 11,304 | 5.8% |
| 25 - 44 | 30,880 | 15.8% |
| 45 - 64 | 40,619 | 20.8% |
| 65 - 74 | 35,562 | 18.2% |
| 75 - 84 | 37,274 | 19.1% |
| 85 & Over | 22,732 | 11.7% |
| 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 | 128,223 | 5.6 |
| All Non-Psychiatric Specialties Excluding Geriatrics | 115,858 | 4.0 |
| All Non-Psychiatric Specialties | 126,088 | 5.0 |
| All Psychiatric Specialties | 2,115 | 45.2 |
| Acute | 112,683 | 4.1 |
| Maternity | 3,175 | 1.9 |
| Geriatrics | 10,230 | 15.6 |
| Mental Illness | 2,092 | 38.8 |
| Learning Disability | 23 | 631.2 |

Private Patients Treated in NHS Hospitals

| | | |
|------------------------------------|-----|-------|
| FCEs (all patient classifications) | 631 | 0.32% |
|------------------------------------|-----|-------|

Delivery Episodes²

| | | |
|--|-------|-------|
| FCEs: Mothers giving birth (all patient classifications) | 5,965 | 3.06% |
|--|-------|-------|

FCEs in Spell Breakdown

| | |
|--------------------|--------|
| 1 episode only | 87.79% |
| 2 episodes | 9.93% |
| 3 episodes | 1.85% |
| 4 or more episodes | 0.43% |

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

| | | | | |
|---|-----------|---------|----------------|---------------|
| Total | | | 168,856 | 100.0% |
| | Inpatient | Daycase | | |
| Elective admission episodes | 11,779 | 56,073 | 67,852 | 40.2% |
| Waiting List | 8,413 | 47,888 | 56,301 | |
| Booked | 926 | 3,016 | 3,942 | |
| Planned | 1,433 | 5,169 | 6,602 | |
| Other Elective Admissions (transfers) | 1,007 | 0 | 1,007 | |
| Emergency admission episodes | | | 88,637 | 52.5% |
| A&E | | | 52,464 | |
| GP | | | 20,968 | |
| Other Emergency | | | 15,205 | |
| Other admission episodes (including maternity) | | | 12,367 | 7.3% |

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

| | | |
|--|----------------|---------------|
| Total | 169,058 | 100.0% |
| Deaths in hospital (including stillbirths) | 3,620 | 2.1% |

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 | 11,783 | 7.0 | 88,833 | 7.0 | 2,686 | 2.2 | 103,302 | 6.9 |
| All Non-Psych Spec. excl. Geriatrics | 10,740 | 3.5 | 79,419 | 5.2 | 2,686 | 2.2 | 92,845 | 4.9 |
| All Non-Psychiatric | 11,715 | 6.1 | 87,118 | 6.3 | 2,686 | 2.2 | 101,519 | 6.2 |
| All Psychiatric Specialties | 51 | 224.8 | 1,714 | 41.3 | 0 | - | 1,765 | 46.6 |
| Acute | 10,680 | 3.5 | 78,939 | 5.3 | 61 | 4.7 | 89,680 | 5.0 |
| Maternity | 60 | 2.3 | 480 | 0.9 | 2,625 | 2.1 | 3,165 | 1.9 |
| Geriatrics | 975 | 34.8 | 7,699 | 17.5 | 0 | - | 8,674 | 19.5 |
| Mental Illness | 41 | 213.4 | 1,711 | 41.2 | 0 | - | 1,752 | 45.3 |
| Learning Disability | 10 | 271.3 | 3 | ** | 0 | - | 13 | 226.8 |

Non-Welsh Residents Treated in Betsi Cadwaladr ULHB

| | | |
|--------------------|-------|-------|
| FCEs | 6,167 | 3.16% |
| Admission Episodes | 5,333 | 3.16% |

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

| | |
|--------------|---------------|
| Total | 31,097 |
|--------------|---------------|

[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

| | 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 | 5,120 | 5,117 | 42% | 58% | 0% | 89% | 299.5 | 149.0 | 1.0 | 1.0 | 76 | 1% | 99% |
| Upper digestive tract | 9,776 | 9,246 | 48% | 52% | 7% | 85% | 158.3 | 34.0 | 11.2 | 5.0 | 62 | 16% | 84% |
| Heart (CABG) | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Heart (PTCA) | 832 | 757 | 73% | 27% | 76% | 23% | 45.3 | 39.0 | 2.3 | 1.0 | 66 | 98% | 2% |
| Hip | 1,466 | 1,416 | 38% | 62% | 39% | 58% | 409.8 | 278.0 | 7.5 | 4.0 | 74 | 100% | 0% |
| Knee | 800 | 798 | 46% | 54% | 1% | 95% | 503.3 | 365.0 | 4.3 | 4.0 | 71 | 100% | 0% |
| Kidney transplant | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Diagnosis (anywhere in admitting episode) | | | | | | | | | | | | | |
| Sepsis | 5,289 | 3,254 | 51% | 49% | 94% | 1% | 128.8 | 49.5 | 14.6 | 8.0 | 70 | 99% | 0% |