



Llywodraeth Cymru  
Welsh Government

STATISTICS

# NHS activity and capacity during the coronavirus (COVID-19) pandemic: 1 April 2021

Data on coronavirus and NHS activity and capacity up to 30 March 2021.

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In response to the coronavirus (COVID-19) pandemic, daily information on health care has been produced to support transparency and understanding of the NHS activity and capacity. The release includes figures on intensive ventilated beds by use, admissions and hospitalisations of COVID-19 related patients, and attendances to Accident and Emergency (A&E) departments.

## Main points

- The number of new daily admissions with suspected or confirmed COVID-19 fluctuates. Taking that into account, the 7 day rolling average has generally decreased since early January 2021, with levels now at the lowest since the beginning of the reporting period.
- In the last 7 days, an average of 21 people a day were admitted to hospital as confirmed or suspected with COVID-19. This compares to an average of 48 for the week to 23 March 2021.
- The total number of beds occupied with COVID-19 related patients (confirmed, suspected and recovering) increased from the end of September 2020 and reached its highest level on 12 January 2021, at 2,879 patients. Since then, despite fluctuations, the number of beds occupied with

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COVID-19 related patients has decreased.

- As at 30 March 2021, 635 beds were occupied with COVID-19 related patients (confirmed, suspected and recovering), representing 8% of all hospitalisations. This is a decrease from 729 on the same day in the previous week (9% of all hospitalisations) and now at similar levels to October 2020.
- As at 30 March 2021, there have been reductions in the number of beds occupied with confirmed, suspected and recovering COVID-19. Therefore, reductions in all three types of COVID-19 patients have contributed to the overall decrease in the number of COVID-19 related patients.
- As at 30 March 2021, 15 invasive ventilated beds were occupied with COVID-19 related patients (confirmed and suspected), and are now at similar levels to September 2020. This compares to 25 on the same day in the previous week, and to 164 at the peak in April 2020.
- As at 28 March 2021, there were 1,936 A&E attendances. This compares to 2,187 on the same day in the previous week, and to the corresponding 2015-19 average of 2,777 A&E attendances.

**Accompanying tables** for this release are available, including all the data shown below and also data concerning general and acute beds.

Statistics on 111 and NHS Direct calls, NHS staff absence and emergency ambulance calls are available on [StatsWales](#) as well as all other statistics in this release.

Due to data processing issues, NHS Wales Informatics Service have only been able to provide daily A&E data up to 23 February 2021, rather than to 28 February 2021. We will update this data as part of our next planned publication on Thursday 11 March 2021.

Additionally, information on beds, hospitalisations and admissions is published on weekdays at 12pm, on [StatsWales](#) containing data up to the previous day. After 12pm on Thursdays, the data shown in this release will not contain the most up to date published data. However, this weekly release provides additional commentary on trends in the data.

The data are taken from management information and are subject to change.

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They have not been subject to the same validation processes undertaken for official statistics releases. Where available, the official statistics should continue to be considered the authoritative source of data. Please see the [Chief Statistician's blog](#) for more information on reporting management information, data quality and transparency.

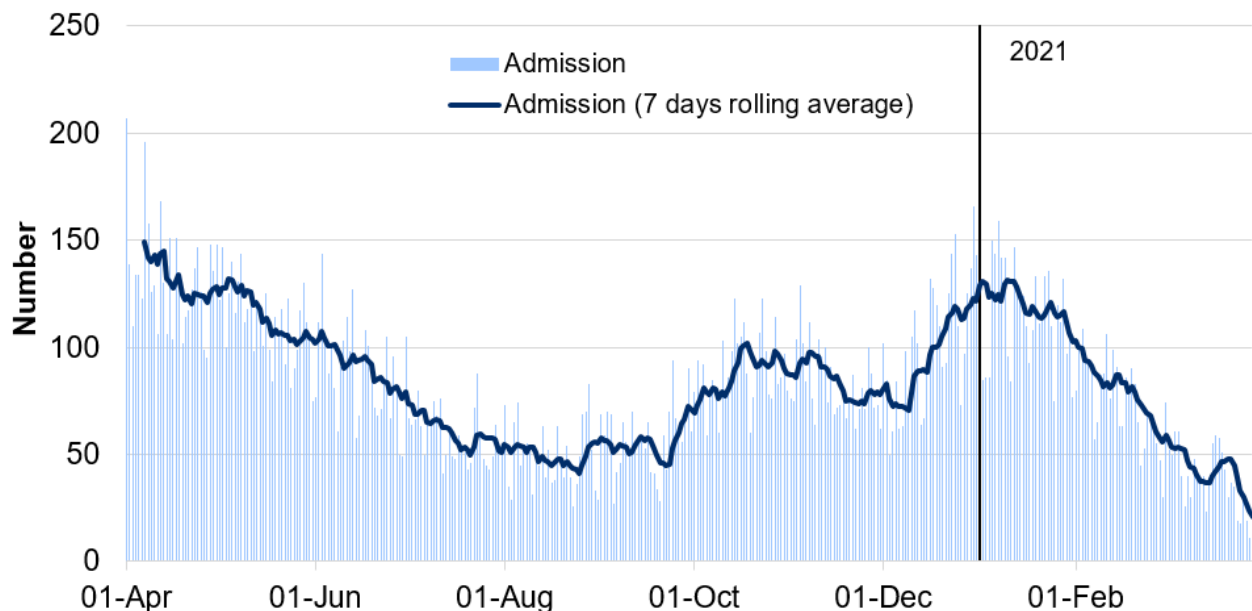
## Hospital activity and capacity

This section covers the number of admissions and hospitalisations of COVID-19 related patients and invasive ventilated beds occupied with COVID-19 related patients, to support transparency and provide an understanding of NHS activity and capacity during the COVID-19 pandemic.

Hospital coverage has changed over time, please see the [quality and methodology section](#) for more information.

### Hospital admissions

**Chart 1: Patients admitted to hospital as suspected or confirmed with COVID-19, from 1 April 2020**



Source: NHS Wales Informatics Service

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## Patients admitted to hospital as suspected or confirmed with COVID-19, from 1 April 2020 (MS Excel)

### Notes

Admissions are the number of patients admitted to hospital between 9am on the update date and 9am the day before. COVID-19 related admissions include COVID-19 suspected or confirmed patients.

The health minister announced on 13 March 2020 that all non-urgent activity should stop to prepare for the pandemic.

Following the re-introduction of elective procedures from June 2020, patients admitted for elective procedures suspected of having COVID-19 were initially captured in COVID-19 related admissions, even if they received a negative test later. This inflated the numbers of suspected cases in hospital at the time of reporting.

From 29 June 2020, patients admitted for elective procedures were only included in COVID-19 related admissions if they received a positive COVID-19 test result on arrival at the hospital.

From 29 June 2020, the guidance also changed to explicitly ask health boards to exclude transfers between acute and community hospitals from admissions figures. Prior to this, some transfers may have been captured as new admissions.

From 3 July 2020, guidance was updated to only include emergency admissions in the COVID-19 related admissions figures.

### As at 30 March 2021

- The number of new daily admissions with suspected or confirmed COVID-19 fluctuates. Taking that into account, the 7 day rolling average has decreased over the last week, with levels now at the lowest since the beginning of the reporting period.

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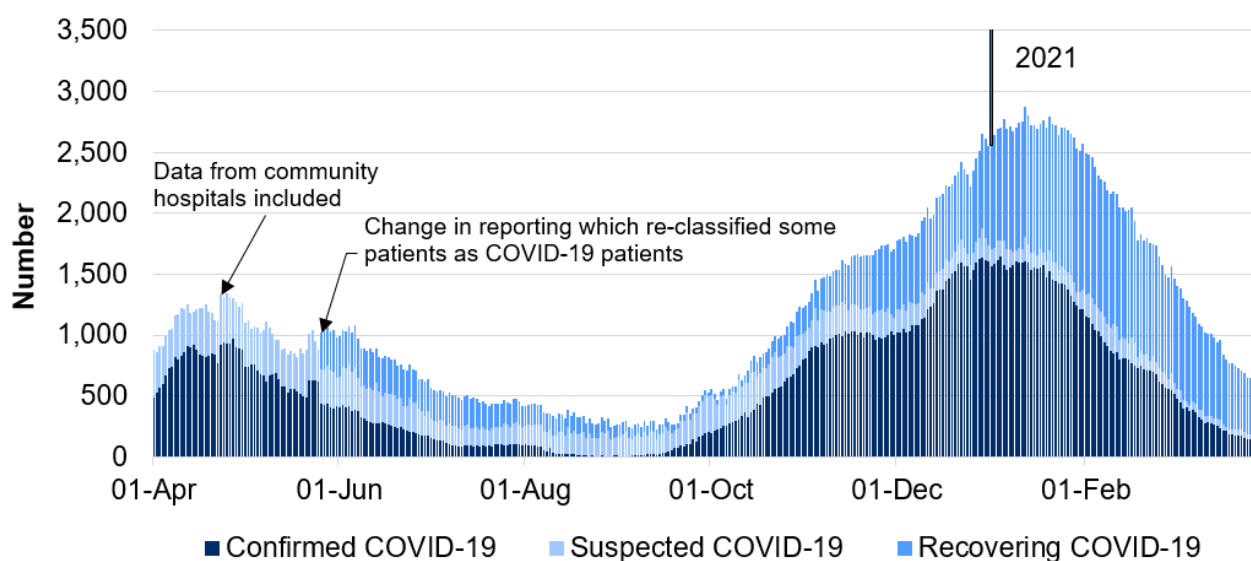
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- In the last 7 days, an average of 21 people a day were admitted to hospital with confirmed or suspected COVID-19. This is 27 fewer admissions per day on average compared to 48 for the week to 23 March 2021.

## Hospitalisations

**Chart 2: Number of people in hospital as suspected, confirmed or recovering with COVID-19, from 1 April 2020**



Source: NHS Wales Informatics Service

### Number of people in hospital as suspected, confirmed or recovering with COVID-19, from 1 April 2020 (MS Excel)

## Notes

Recovering patients was a category introduced on 26 May 2020 to capture patients who were COVID-19 positive in hospital and who showed no symptoms for 14+ days but remained in hospital on a COVID-19 treatment pathway, often for rehabilitation. There have been some differences in reporting by health boards in the time series which are outlined in more detail in the Quality and methodology information section.

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From 18 January 2021, no patients occupying an invasive ventilated bed (critical care bed) should be counted as “recovering” COVID-19 patients as they are still requiring a high level of care. Any patient previously reported as “recovering” will now be counted under “confirmed”. This will result in an increase in the number of invasive ventilated beds occupied by “confirmed” COVID-19 patients (an increase of around 14 patients at the point of implementation) and no invasive ventilated beds showing as occupied by “recovering” patients. This change will have no impact on the total number of COVID-19 related patients.

From 1 February 2021, guidance was reiterated to health boards that patients who were already in hospital and contracted COVID-19, but have now recovered and are back on their original setting, should be reported as non-COVID-19. This may affect a small number of patients who are in acute hospitals or mental health settings and may result in a decrease in recovering patients and an increase in non-COVID-19 patients.

From 8 March 2021, Cardiff and Vale University health board have aligned their data more closely to the national guidance for SITREP reporting. This change has had a small impact on the hospitalisation figures resulting in a small increase in the number of confirmed COVID-19 patients and a small decrease in the number of recovering COVID-19 patients.

Please see the [Chief Statistician’s blog](#) for more information on reporting on recovering patients.

## Main points

- The total number of beds occupied with COVID-19 related patients (confirmed, suspected and recovering) increased from the end of September 2020 and reached its highest level on 12 January 2021 (2,879 patients). Since then, despite some fluctuations, the total number has been generally falling.
- The numbers of confirmed COVID-19 patients and the number of recovering COVID-19 patients peaked at different times; with highest numbers of confirmed patients occurring early in January 2021 (1,643 on 4 January 2021) and highest numbers of recovering patients seen a few weeks later

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(1,192 on 31 January 2021).

- Both the number of confirmed and recovering COVID-19 patients have been decreasing in recent weeks.

## **As at 30 March 2021**

- 635 beds were occupied with COVID-19 related patients (confirmed, suspected and recovering), representing 8% of all hospitalisations. This is a decrease from 729 (94 fewer occupied beds) on the same day in the previous week (9% of all hospitalisations) and now at similar levels to mid-October 2020.
- There have been reductions in the number of beds occupied with confirmed, suspected and recovering COVID-19. Therefore, reductions in all three types of COVID-19 patients have contributed to the overall decrease in the number of COVID-19 related patients.
- 123 beds were occupied with confirmed COVID-19 patients, a decrease from 179 (56 fewer occupied beds) on the same day in the previous week and now at similar levels to late September 2020.
- 473 beds were occupied with recovering COVID-19 patients, a decrease from 504 (31 fewer occupied beds) on the same day in the previous week and now at similar levels to late November 2020.
- 39 beds were occupied with suspected COVID-19 patients, a decrease from 46 (7 fewer occupied beds) on the same day in the previous week.

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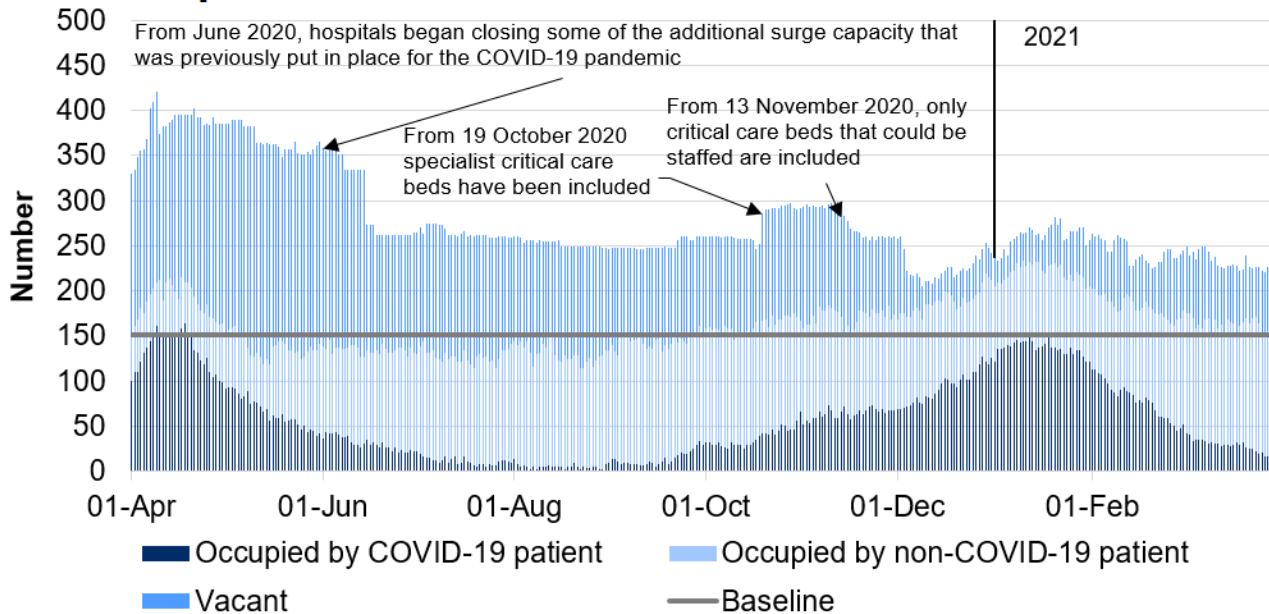
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# Invasive ventilated beds

## Chart 3: Number of invasive ventilated beds by use, from 1 April 2020



Source: NHS Wales Informatics Service

## Number of invasive ventilated beds by use, from 1 April 2020 (MS Excel)

### Notes

Baseline relates to the number of beds that were available prior to the COVID-19 pandemic. There are usually 152 critical care beds available. Invasive ventilated beds include beds in and outside a critical care setting, and include surge capacity. COVID-19 patients in this chart include suspected, confirmed, and recovering COVID-19 patients.

From June 2020, hospitals began closing some of the additional surge capacity that was previously put in place for the COVID-19 pandemic.

From 19 October 2020 specialist critical care beds have been included in these figures. Please see the Quality and Methodology section for more information.

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From 13 November 2020, only critical care beds that could be staffed are included as available. Staffed beds are those that can be staffed at the time of the census. However, not all health boards implemented this change on that date. Following an update to guidance, more local health boards implemented this change from 4 December 2020. Please see the Quality and Methodology section for more information.

From 18 January 2021, no patients occupying an invasive ventilated bed (critical care bed) should be counted as “recovering” COVID-19 patients as they are still requiring a high level of care. Any patient previously reported as “recovering” will now be counted under “confirmed”. This will result in an increase in the number of invasive ventilated beds occupied by “confirmed” COVID-19 patients (an increase of around 14 patients at the point of implementation) and no invasive ventilated beds showing as occupied by “recovering” patients. This change will have no impact on the total number of COVID-19 related patients.

## **As at 30 March 2021**

- The number of invasive ventilated beds occupied by COVID-19 related patients (confirmed, suspected and recovering) is lower than the peak in April 2020. The number of occupied invasive ventilated beds generally increased from September 2020, reaching a high of 150 on 12 January 2021, but has decreased since to levels seen in late September 2020.
- 15 invasive ventilated beds were occupied with COVID-19 related patients. This compares to 25 (10 fewer occupied beds) on the same day in the previous week, and to 164 (149 fewer occupied beds) at the peak in April 2020.
- 145 invasive ventilated beds were occupied with non-COVID-19 related patients, and are now at similar levels to early September 2020. This compares to 140 (5 more occupied beds) on the same day in the previous week.
- There were 66 vacant invasive ventilated beds that could be staffed. This compares to 62 (4 more beds) on the same day in the previous week.

Information on healthcare presented in the [UK Government COVID-19 dashboard](#) and in the [Public Health Wales \(PHW\) dashboard](#) differ from this

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publication. Please see the [quality and methodology section](#) and the comparability with other publications section for more information.

## A&E attendances

This section covers daily information on attendances to Accident and Emergency (A&E) departments in Wales, to further support transparency and provide an understanding of NHS activity and capacity during the COVID-19 pandemic.

The data are taken from management information and are subject to change. The latest data have not been subject to the same validation processes undertaken for official statistics releases. The [official statistics](#) should continue to be considered the authoritative source of data.

Due to data processing issues, NHS Wales Informatics Service have only been able to provide daily A&E data up to 23 February 2021, rather than to 28 February 2021. We will update this data as part of our next planned publication on Thursday 11 March 2021.

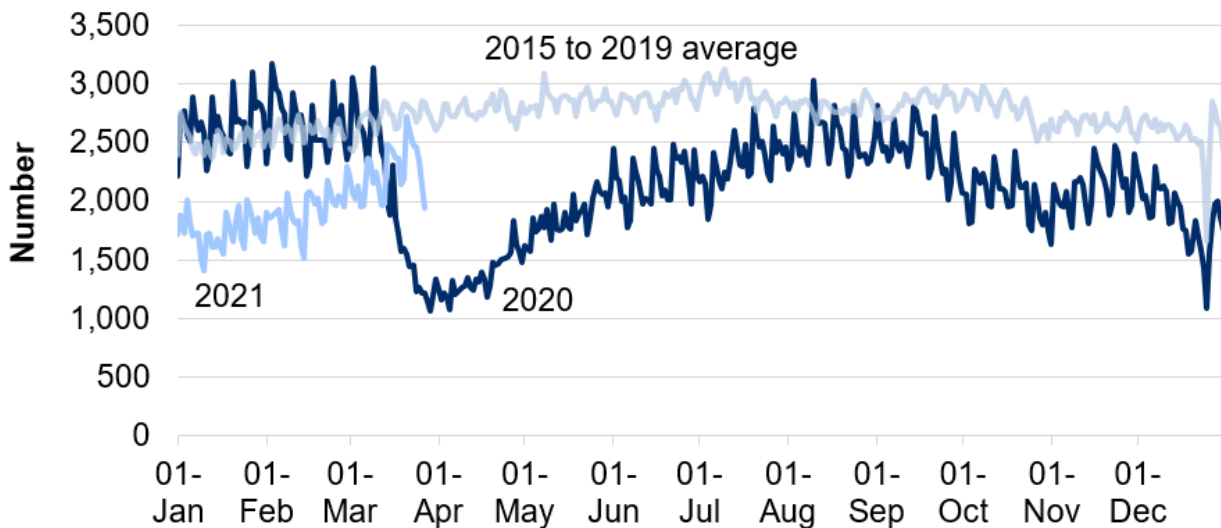
Please see the [Chief Statistician's blog](#) for more information on reporting management information, data quality and transparency.

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## Chart 4: Number of daily A&E attendances to major and minor hospitals, from 1 January 2015



Source: NHS Wales Informatics Service (NWIS)

### Number of daily A&E attendances to major and minor hospitals, from 1 January 2015 (MS Excel)

## Notes

A&E attendances to major and minor hospitals, from all mode of transports across Wales. Some small minor A&E units are not able to submit daily data, therefore there is probably a small undercount in total attendance. The five-year average uses data from the years 2015 to 2019. For data on the 29 February, only data from the year 2016 and 2020 is included. There tends to be a lower number of attendances recorded on a Sunday compared to other days of the week and a higher recorded number of attendances in the summer compared to the winter.

## Main points

- A&E attendances fell sharply from 3,134 on 9 March 2020 to 1,066 on 29

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March 2020, markedly below pre-pandemic levels. Attendances then gradually increased from early April 2020 to an average of 2,509 attendances per day in August, but have since continued to remain below the 2015-2019 average.

- From mid-January 2021, A&E attendances have begun to increase again from 1,406 attendances on 10 January 2021 to 2,720 attendances on 22 March 2021, the highest number of attendances in a day so far in 2021.

## **As at 28 March 2021**

- There were 1,936 A&E attendances. This compares to 2,187 (251 fewer attendances) on the same day in the previous week, and to the corresponding 2015-19 average of 2,845 A&E attendances (909 fewer attendances).

## **Quality and methodology information**

The data are taken from management information and are subject to change. They have not been subject to the same validation processes undertaken for official statistics releases. However, they are provided to support transparency and understanding of NHS activity at this time. The official statistics should continue to be considered the authoritative source of data.

Historic data are subject to revisions and therefore may differ slightly to previously published information.

## **Hospital activity and capacity**

Following further validation, data prior to 1 April 2020 were decided to not be suitable for publication. Therefore, the time series begins on 1 April 2020.

Figures on hospital and activity include data from acute hospitals from 1 April 2020, field hospitals from 20 April 2020, community hospitals from 23 April 2020, mental health units from 10 July 2020, and exclude data from private hospitals.

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From 8 March 2021, Cardiff and Vale University health board have aligned their data more closely to the national guidance for SITREP reporting. This change has had a small impact on the hospitalisation figures resulting in a small increase in the number of confirmed COVID-19 patients and a small decrease in the number of recovering COVID-19 patients.

From 1 February 2021, guidance was reiterated to health boards that patients who were already in hospital and contracted COVID-19, but have now recovered and are back on their original setting, should be reported as non-COVID-19. This may affect a small number of patients who are in acute hospitals or mental health settings and may result in a decrease in recovering patients and an increase in non-COVID-19 patients.

From 18 January 2021, no patients occupying an invasive ventilated bed (critical care bed) should be counted as “recovering” COVID-19 patients as they are still requiring a high level of care. Any patient previously reported as “recovering” will now be counted under “confirmed”. This will result in an increase in the number of invasive ventilated beds occupied by “confirmed” COVID-19 patients (an increase of around 14 patients at the point of implementation) and no invasive ventilated beds showing as occupied by “recovering” patients. This change will have no impact on the total number of COVID-19 related patients.

From 16 November 2020, data is included from the newly opened specialist and critical care centre; Grange University Hospital in Aneurin Bevan University Health board. This hospital opening has led to an increase in the total number of beds available by around 450 beds.

From 13 November 2020, only critical care beds that could be staffed are included as available. Previously all critical care beds had been included regardless of whether they could be staffed. Staffed beds are those that can be staffed at the time of the census. General and acute beds only include beds that can be staffed. However, not all health boards implemented this change on that date. Following an update to guidance, more local health boards implemented this change from 4 December 2020.

From 19 October 2020, data for specialist critical care beds (such as those in Burns and Plastic in Morriston) and other specialist acute beds (such as

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maternity) across other acute sites have been included. These beds have been included in the data as they are part of the available bed stock, and may be used for COVID-19 patients in exceptional circumstances. The majority of these beds are not occupied with COVID-19 patients. Therefore the inclusion of these had very little impact on the number of beds occupied with COVID-19 patients but a larger impact on vacant beds and those occupied with non-COVID19 patients.

Data from mental health units were included retroactively from 10 July 2020 for the first time in the release on 20 August 2020. The inclusion of mental health beds had a small impact on beds occupied with COVID-19 patients' figures but a large impact on all beds occupied with non-COVID19 patients and vacant beds, as the majority of mental health patients are not occupied by COVID-19 patients. Mental health units' data are submitted each Friday, and the Friday position is used as proxy for the following week, unless there is a major change in circumstances.

On reporting recovering patients, Aneurin Bevan started reporting recovering patients from 7 June 2020, but these were captured in the confirmed COVID-19 category before. Cardiff and Vale classified recovering patients as non-COVID-19 patients between 1 May 2020 and 22 May 2020. Following the change in guidance, Cardiff and Vale re-categorised these patients as COVID-19 patients, capturing them in the confirmed COVID-19 category until the recovering category was introduced on 26 May 2020.

## Comparability

Please see the [UK Government COVID-19 dashboard](#) for information on healthcare at a UK level. Note: the healthcare data presented in the UK dashboard differs from this publication. Data for Wales on the UK dashboard includes data for acute hospitals only which was initially provided to enable better comparability with other countries. Whereas this publication includes data from acute, community, field hospitals and mental health units to provide a more comprehensive view of the system in Wales. From 11 December 2020, data for England presented on the UK dashboard was updated to align with NHS England publications and as a result the full time series for this item was revised. Data for England on the UK dashboard now includes data from acute,

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community, field hospitals and mental health units. Due to this reporting change, we are reviewing the suitability of data currently provided for Wales. Estimates of the number of people who had coronavirus in England and Wales is also published by the Office for National Statistics in their [Coronavirus \(COVID-19\) Infection Survey](#).

Please note that health care surveillance data presented in the [Public Health Wales \(PHW\) dashboard](#) differ from this publication. The PHW dashboard uses data systematically collected through ICNET, the hospital infection control data system used across Wales. It includes hospital in-patients with a laboratory confirmed result and does not count any patients who were admitted and discharged on the same day.

The Welsh Government publication uses data sourced from daily management information provided by health boards. Guidance was issued to local health boards for completion and submission of the data return. However, data collection methods may vary between health boards. It includes COVID-19 related patients as suspected, confirmed and recovering, as well as non-COVID-19 patients.

The narrower definition used by PHW will likely result in smaller numbers of reported COVID-related admissions compared to the Welsh Government publication, but provides a systematic way of carrying out surveillance of patients requiring hospital stays with confirmed COVID-19.

## National Statistics status

These statistics are not National Statistics. However, as far as has been practicable, they have been collected and validated in accordance with the pillars and principles within the [Code of Practice for Statistics](#). We continue to develop the data collection and quality assurance process to improve the data.

These statistics have been produced quickly in response to developing world events.

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## Well-being of Future Generations Act (WFG)

The Well-being of Future Generations Act 2015 is about improving the social, economic, environmental and cultural wellbeing of Wales. The Act puts in place seven wellbeing goals for Wales. These are for a more equal, prosperous, resilient, healthier and globally responsible Wales, with cohesive communities and a vibrant culture and thriving Welsh language. Under section (10)(1) of the Act, the Welsh Ministers must (a) publish indicators (“national indicators”) that must be applied for the purpose of measuring progress towards the achievement of the wellbeing goals, and (b) lay a copy of the national indicators before Senedd Cymru. The 46 national indicators were laid in March 2016.

Information on the indicators, along with narratives for each of the well-being goals and associated technical information is available in the [Well-being of Wales report](#).

Further information on the [Well-being of Future Generations \(Wales\) Act 2015](#).

The statistics included in this release could also provide supporting narrative to the national indicators and be used by public services boards in relation to their local wellbeing assessments and local wellbeing plans.

### Next update

The next release will be at 9.30am Thursday 8 April 2021.

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