

## A&E Attendances and Emergency Admissions November 2018 Statistical Commentary

### Main findings

- The total number of attendances in November 2018 was 2,037,000, an increase of 3.0% on the same month last year. Of these, attendances at type 1 A&E departments were 1.8% higher when compared with November 2017.
- There were 545,000 emergency admissions in the month, 6.3% higher than the same month last year.
- Emergency admissions via type 1 A&E departments increased by 6.6% over the same period.
- Emergency admissions are up 5.7% on the preceding 12-month period.
- SUS+ based analysis<sup>1</sup> estimates a 5.5% October 2018 YTD growth in emergency admissions. This is composed of 10.7% growth for those with zero length of stay (LoS) and 3.0% growth with a LoS of 1 or more days<sup>2</sup>.
- 30.4% of patients that attended a type 1 major A&E department required admission to hospital, which compares to 29.1% for the same month last year.
- 87.6% of patients were seen within 4 hours in all A&E departments this month, compared to 89.0% in October 2018 and 88.8% in November 2017. The 95% standard was last met in July 2015.
- 81.1% of patients were seen within 4 hours in type 1 A&E departments, compared to 83.1% in October 2018 and 83.0% for the same month last year.
- There were 54,373 four-hour delays from decision to admit to admission this month, which compares to 48,623 in the same month last year.
- Of these, 258 were delayed over twelve hours (from decision to admit to admission), which compares to 107 in the same month last year.
- 13 out of 134 reporting trusts with type 1 departments achieved the 95% standard on all types during the month. When additional local activity is taken into account, 15 out of 134 reporting trusts with type 1 departments achieved this standard on this “mapped” basis.

Full tables for November 2018 and an England level time series can be found on the NHS England statistics website here:

<http://www.england.nhs.uk/statistics/statistical-work-areas/ae-waiting-times-and-activity/>

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<sup>1</sup> Secondary Uses Service (SUS+) data collected by NHS hospital trusts is sourced from the Commissioning Data Set (NHS Digital). This provides a richer data source enabling more detailed breakdowns of information and has historically been used as NHS management information.

<sup>2</sup> Growth figures adjusted to account for duplicate records within NCDR extracts

## Revisions

- Alongside this publication we are also publishing revisions to the A&E data for 2018/19. The revisions cover April 2018 to October 2018. Overall, the impact of the revisions is modest with monthly attendances changing by less than 4,000 (0.2%) in any given month, and monthly performance changing by less than 0.04 percentage points in any given month.

A full breakdown of the monthly changes can be seen in the tables below

		Performance		
		Original	Revised	Change
<b>Apr-18</b>		88.5%	88.6%	0.03ppt
<b>May-18</b>		90.4%	90.4%	0.02ppt
<b>Jun-18</b>		90.7%	90.8%	0.01ppt
<b>Jul-18</b>		89.3%	89.3%	0.02ppt
<b>Aug-18</b>		89.7%	89.7%	0.04ppt
<b>Sep-18</b>		88.9%	88.9%	0.00ppt
<b>Oct-18</b>		89.1%	89.1%	-0.01ppt

		Attendances			
		Original	Revised	Difference	Change
<b>Apr-18</b>		1,978,084	1,981,097	3,013	0.2%
<b>May-18</b>		2,161,779	2,164,492	2,713	0.1%
<b>Jun-18</b>		2,091,318	2,093,964	2,646	0.1%
<b>Jul-18</b>		2,176,022	2,179,896	3,874	0.2%
<b>Aug-18</b>		1,995,405	1,997,865	2,460	0.1%
<b>Sep-18</b>		2,005,501	2,005,492	-9	0.0%
<b>Oct-18</b>		2,062,334	2,061,286	-1,048	-0.1%

		Emergency Admissions			
		Original	Revised	Change	% Change
<b>Apr-18</b>		503,314	503,417	103	0.0%
<b>May-18</b>		534,118	533,484	-634	-0.1%
<b>Jun-18</b>		517,933	513,273	-4,660	-0.9%
<b>Jul-18</b>		530,588	529,951	-637	-0.1%
<b>Aug-18</b>		517,461	517,325	-136	0.0%
<b>Sep-18</b>		510,642	510,334	-308	-0.1%
<b>Oct-18</b>		542,435	542,154	-281	-0.1%

- In addition to the revisions summarised above, Sandwell and West Birmingham Hospitals NHS Trust have submitted their missing data from October 2018. These data replace the estimates used in the October 2018 version of this document

## Background

A&E waiting times form part of the NHS Constitution, which contains a list of expected rights and pledges for patients that NHS England take into account when assessing organisational delivery. The operational standard for A&E waiting times is that 95% of patients should be admitted, transferred or discharged within 4 hours of their arrival at an A&E department.

A fuller analysis of the A&E data is available in the form of an annual report which will be published in conjunction with which was published in conjunction with NHS Digital on 13th September 2018. This report draws on A&E data from both the Monthly A&E Attendances and Emergency Admissions Sitrep published by NHS England and the Hospital Episode Statistics dataset published by NHS digital. The Hospital Episode Statistics dataset is based on patient level data and so can be broken down in numerous ways that the Monthly Sitreps data cannot. This includes breakdowns of attendances and admissions by age and by diagnosis. The report for 2017-18 can be found here: <https://digital.nhs.uk/data-and-information/publications/statistical/hospital-accident--emergency-activity/2017-18>

## Methodology

NHS England compiles A&E attendances and emergency admissions data through a central return that is split into two parts:

- A&E Attendances: This collects the number of A&E attendances, patients spending greater than 4 hours in A&E from arrival to discharge, transfer or admission and the number of patients delayed more than 4 hours from decision to admit to admission.
- Emergency Admissions: This collects the total number of emergency admissions via A&E as well as other emergency admissions (i.e. not via A&E).

The above data items are split by the following categories of A&E department:

- Type 1 Department (Major A&E Department) - A consultant led 24 hour service with full resuscitation facilities and designated accommodation for the reception of accident and emergency patients.
- Type 2 Department – A consultant led single specialty A&E service (e.g. ophthalmology, dental) with designated accommodation for the reception of emergency patients.
- Type 3 A&E department / Type 4 A&E department / Urgent Care Centre = Other type of A&E/minor injury units (MIUs)/Walk-in Centres (WiCs)/Urgent Care Centre, primarily designed for the receiving of accident and emergency patients. A type 3 department may be doctor led or nurse led. It may be co-located with a major A&E or sited in the community. A defining characteristic of a service qualifying as a type 3 department is that it treats at least minor injuries and illnesses (sprains for example) and can be routinely accessed without appointment. An appointment based service (for example an outpatient clinic) or one mainly or entirely accessed via telephone or other referral (for example most out of hours services), or a dedicated primary care service (such as GP practice or GP-led health centre) is not a type 3 A&E service even though it may treat a number of patients with minor illness or injury.

NHS Trusts, NHS Foundation Trusts, Social Enterprises and GP Practices submit data to NHS England via The Strategic Data Collection Service (SDCS). The Strategic Data Collection Service (SDCS) is a secure data collection system used by health and social care organisations to submit data. Once data is submitted and signed-off, NHS England performs central validation checks to ensure good data quality.

Note that the activity growth rates used in this document have been adjusted to take into account the extra day due to the leap year in February 2016.

### **Sustainability and Transformation Plan Areas**

From April 2017, the data is also presented aggregated to a Sustainability and Transformation Plan (STP) area basis, to better reflect A&E performance in each local area. This has been done by allocating data for each provider to one of the 44 STPs on a geographical one to one basis

### **Acute Footprint Mapping**

From November 2017, the data is also presented with type 3 activity mapped to partner acute trusts to reflect the performance of that trust footprint as a whole. Type 3 activity is assigned to the closest type 1 provider(s).

### **Data availability**

A&E attendances and emergency admissions data are published to a pre-announced timetable, usually every second Thursday of the month. The data is published on the NHS England website here:

<http://www.england.nhs.uk/statistics/statistical-work-areas/ae-waiting-times-and-activity/>

### **Data revisions**

Revisions to published figures are released on a six monthly basis and in accordance with the NHS England Analytical Services (National) team's revision policy. The revisions policy can be found here:

<https://www.england.nhs.uk/statistics/code-compliance/>

### **Data comparability**

Data has been published monthly since June 2015. Before this, data was published weekly from November 2010 to June 2015. Prior to November 2010, data was briefly collected monthly between August 2010 and October 2010 and was collected quarterly from 2003/04 until September 2011.

In order to provide meaningful comparisons of recent monthly data to previous years, we have created an estimated monthly time series from the official weekly data. Monthly figures prior to June 2015 should be regarded as estimates. This monthly time series forms the basis of the analysis, and is also published on our web page. Revised guidance for the A&E attendances and emergency admissions collection applied from December 2015 data onwards. The definition for delays for emergency admissions via A&E from decision to admit to admission was amended to include patients who are transferred to another provider (disposal code 7). This was to ensure that such patients are counted in the number of patients spending more than 4 or more than 12 hours from decision to admit to admission. This change did not affect the measures of A&E attendances, the numbers waiting four hours from arrival to discharge, transfer or admission, and total emergency admissions which still focus purely on attendances at the same healthcare provider (disposal code 1).

Analysis based on Hospital Episode Statistics A&E data suggested that up to around 9% per year more additional patients may be brought in scope for the time from decision to admit to admission measure. It also suggested the monthly A&E return might capture in the order of an extra 40 to 240 (3% to 20%) 12 hour waits per year.

The data can also be compared to A&E data for Wales collected by the Welsh Government, data for Scotland collected from Information Services Division (ISD) Scotland and data for Northern Ireland collected from the Department of Health, Social Services and Public Safety. A description of the technical differences between data from the four administrations can be found here:

<https://gss.civilservice.gov.uk/health-waiting-time-statistics/>

The Welsh Government publishes monthly data on A&E attendances and performance against the 4-hour standard. Data can be found here:

<https://statswales.wales.gov.uk/Catalogue/Health-and-Social-Care/NHS-Hospital-Waiting-Times/Accident-and-Emergency>

ISD Scotland now publishes a weekly update on A&E attendances and performance against the 4-hour standard. This can be found here:

<http://www.isdscotland.org/Health-Topics/Emergency-Care/Publications/index.asp?ID=1251>

The Department of Health, Social Services and Public Safety publishes quarterly data on A&E attendances and performance against the 4-hour standard. Data can be found here:

<http://www.dhsspsni.gov.uk/index/statistics/hospital/waitingtimes-emergency.htm>

The UK Comparative waiting times group has published a summary of the differences in methodologies between the 4 countries:

<https://gss.civilservice.gov.uk/health-waiting-time-statistics/>

## **Glossary**

### **4-Hour Standard**

The national standard whereby 95% of all patients are admitted, transferred or discharged within 4 hours of arrival.

### **A&E Attendance**

The presence of a patient in an A&E service seeking medical attention.

### **A&E Type**

Collectively the term All Types includes the following department types:

Type 1) Major A&E Departments

Type 2) Single Specialty A&E service (e.g. ophthalmology, dental)

Type 3) Other type of A&E such as Minor Injury Units and Walk-in Centres

### **Emergency admission**

Admission to a hospital bed as an emergency. These can be split into admissions via an A&E department or from other sources (e.g. direct from a GP).

### **Provider**

An organisation that provides NHS treatment or care, for example, an NHS acute trust, mental health trust, community provider, or an independent sector organisation.

**Type 1 A&E**

A large hospital department which provides a consultant-led, 24 hour service with full resuscitation facilities and designated accommodation for the reception of emergency patients.

**Waiting Time**

The time of arrival until the time of admission, transfer or discharge.

**Delay to admission**

The time a patient waited for an admission and is measured from decision to admit to admission (also known as a 'trolley wait').

**Feedback Welcomed**

We welcome feedback on the content and presentation of the A&E and emergency admissions statistics within this quarterly statistical report and those published on the NHS England website. If anyone has any comments on this, or any other issues regarding A&E data and statistics, then please email [england.nhsdata@nhs.net](mailto:england.nhsdata@nhs.net)

**Additional Information**

Full details of A&E and emergency admissions data for individual organisations are available at:

<http://www.england.nhs.uk/statistics/statistical-work-areas/ae-waiting-times-and-activity/>

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