18 Weeks Referral to Treatment
Quarter end – 31 December 2015
Publication date – 23 February 2016
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Introduction

Waiting times are important to patients and are a measure of how the NHS is responding to demand for services. Measuring and regular reporting of waiting times highlight where there are delays in the system and enables monitoring of the effectiveness of NHSScotland’s performance. Information Services Division (ISD) Scotland continues to be committed to improving the information presented in waiting times publication in partnership with our key stakeholders, the NHS Boards and the Scottish Government.

The 18 Weeks Referral to Treatment (RTT) Standard is different from previous and other waiting time targets, e.g. The Patient Rights (Scotland) Act 2011 which established a 12 weeks Treatment Time Guarantee for eligible patients who are due to receive planned inpatient or day case treatment from 01 October 2012. Further information can be found within the Stage of Treatment report published by ISD.

The 18 Weeks Referral to Treatment (RTT) standard does not focus on a single stage of treatment, i.e. The time from referral to first outpatient appointment, or the time from being added to the waiting list until treatment starts. The 18 weeks standard applies to the whole pathway i.e. from a referral to the point where each patient is treated. The 18weeks RTT performance is dependent on Stage of Treatment and Diagnostics, both of which are published by ISD.

The 18 Weeks RTT Standard has been determined by the Scottish Government and states: “90.0% of patients should have a completed pathway from referral to first treatment commencing within 18 weeks”. This standard allows for the relatively small proportion of cases where it is not clinically appropriate for the patient to be seen and treated within 18 weeks. It also allows for any unexpected increases in demand for secondary care services.

ISD receives monthly aggregated 18 weeks RTT data from each NHS Board, hence patient-level information cannot be systematically validated by ISD. NHS Boards extract the data from their systems and carry out quality assurance checks before it is then sent to ISD. ISD will then carry out a limited suite of quality assurance checks on the data including questioning Boards on their methodology. Further information can be found in the Data Quality section of this report.

For further information on the collection and reporting of this data and detail on UK comparison please refer to the Background Information of this report.
Key points

- In December 2015, across NHSScotland, 87.1% of patients were reported as being seen within 18 weeks. This is a decrease when compared with the same period last year (88.6%). NHSScotland figures for October and November 2015 were 86.5% and 86.3% respectively.

- In December 2015, six of the fifteen NHS Boards, who submitted valid data, met the 18 Weeks Referral to Treatment Standard. Nine NHS Boards failed to meet the 90% standard; NHS Ayrshire & Arran (77.3%), NHS Highland (78.3%), NHS Grampian (80.4%), NHS Lothian (82.8%), NHS Shetland (88.3%), NHS Tayside (88.4 %), NHS Fife (88.6%), NHS Forth Valley (89.7%) and NHS Lanarkshire (89.9%).
**Results and Commentary**

This publication details NHSScotland’s and NHS Board’s results for the period October 2011 to December 2015 against the national standard for 18 Weeks Referral to Treatment.

The complete patient journey from referral to treatment can be difficult to measure as patients may require treatment at more than one hospital or outwith their NHS Board of residence. The Unique Care Pathway Number (UCPN) is designed to link all stages of the patient journey, allowing for the recording of all delays and hence a determination of their wait.

Clinical Outcome Code Recording (COCR) indicates the status of the patient journey after every outpatient appointment. This is also being used to aid the determination of the full patient journey.

NHS Boards are actively working with ISD and the Scottish Government to improve the consistency and completeness of these data.

Due to the implementation of a new Patient Management System in June 2015, NHS Orkney provided estimated figures for October, November and December 2015. NHS Ayrshire and Arran provided estimated figures for November 2015 as a result of issues with their reporting process.

For more information please see the [Data Quality](#) section.
Patient Journeys within the 18 Weeks Standard

In December 2015 across NHSScotland, 87.1\% of patients whose 18 Weeks RTT journey could be fully measured, were reported as being seen within 18 weeks. This is a decrease compared to the figures for September 2015 (87.2\%) and a decrease from the December 2014 figure (88.6\%). The figures for October and November 2015 were 86.5 \% and 86.3\% respectively, compared to October and November 2014 figures of 89.1 \% and 87.7 \% respectively.

Chart 1 below shows the monthly performance of fully measurable patient journeys completed within 18 weeks for NHSScotland from October 2011 to December 2015, compared to the National Standard. Chart 1 illustrates that since January 2014, with the exception of May and June 2014, NHS Scotland has not met the 90\% national standard.

To see this detail at NHS Board level please see Chart 1a.
In December 2015, six of the fifteen NHS Boards, who submitted valid data, met the 18 Weeks Referral to Treatment Standard. Nine NHS Boards did not meet the Standard.

Table 1: NHS Boards compared to the 90% 18 Weeks Referral to Treatment Standard for December 2015

<table>
<thead>
<tr>
<th>NHS Board</th>
<th>Patient journeys within 18 weeks (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Jubilee National Hospital</td>
<td>100.0</td>
</tr>
<tr>
<td>NHS Orkney</td>
<td>94.1</td>
</tr>
<tr>
<td>NHS Western Isles</td>
<td>92.5</td>
</tr>
<tr>
<td>NHS Greater Glasgow &amp; Clyde</td>
<td>92.2</td>
</tr>
<tr>
<td>NHS Dumfries &amp; Galloway</td>
<td>90.7</td>
</tr>
<tr>
<td>NHS Borders</td>
<td>90.1</td>
</tr>
<tr>
<td>NHS Lanarkshire</td>
<td>89.9</td>
</tr>
<tr>
<td>NHS Forth Valley</td>
<td>89.7</td>
</tr>
<tr>
<td>NHS Fife</td>
<td>88.6</td>
</tr>
<tr>
<td>NHS Tayside</td>
<td>88.4</td>
</tr>
<tr>
<td>NHS Shetland</td>
<td>88.3</td>
</tr>
<tr>
<td>NHS Lothian</td>
<td>82.8</td>
</tr>
<tr>
<td>NHS Grampian</td>
<td>80.4</td>
</tr>
<tr>
<td>NHS Highland</td>
<td>78.3</td>
</tr>
<tr>
<td>NHS Ayrshire &amp; Arran</td>
<td>77.3</td>
</tr>
</tbody>
</table>

Calculating the Patient Waiting Time

To calculate an individual patient’s whole journey waiting time, it is necessary for NHS Boards to link all the stages of the patient’s journey from initial referral to the start of treatment, recording all delays. In December 2015, a total of 111,364 patient journeys eligible under the 18 Weeks RTT Standard were identified. It was not possible to fully calculate the waiting time fully for 8,572 patient journeys. The waiting time could be fully measured for 89,544 patient journeys (92.3 %) compared to 91.8% in December 2014.
Table 2: NHSScotland. Patient journeys within 18 weeks and patient journeys that could be fully measured, for October to December 2015

<table>
<thead>
<tr>
<th>Month</th>
<th>Patient journeys within 18 weeks (%)</th>
<th>Number of patient journeys within 18 weeks</th>
<th>Number of patient journeys over 18 weeks</th>
<th>Number of unknown waits</th>
<th>Patient journeys that could be fully measured (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 2014</td>
<td>88.6</td>
<td>87,748</td>
<td>11,299</td>
<td>8,810</td>
<td>91.8</td>
</tr>
<tr>
<td>October 2015</td>
<td>86.5</td>
<td>91,897</td>
<td>14,360</td>
<td>9,015</td>
<td>92.2</td>
</tr>
<tr>
<td>November 2015</td>
<td>86.3</td>
<td>96,582</td>
<td>15,365</td>
<td>9,640</td>
<td>92.1</td>
</tr>
<tr>
<td>December 2015</td>
<td>87.1</td>
<td>89,544</td>
<td>13,248</td>
<td>8,572</td>
<td>92.3</td>
</tr>
</tbody>
</table>

A trend of the number of patient journeys completed within 18 weeks and the percentage of patient journeys that could be fully measured by NHS Boards are shown in Table 3.

NHS boards advise that they are working towards improving the linkage of patient records to reduce the number of waits that cannot be measured. In December 2015, 7.7% of patient journeys eligible under the 18 weeks RTT standard could not be fully measured hence the performance against the standard is based on only 92.3% of all identified patients. This compares to 8.2% that could not be fully measured in December 2014.
Chart 2 above shows the percentage of patients whose journey could be fully measured across NHSScotland since October 2011.

The number of unknown waits does not affect the percentage of patient journeys within the 18 weeks standard, as the performance calculation only includes patient journeys that can be fully linked. If linkage was 100% i.e. unknown waits could be fully measured, the performance against the standard for December 2015 would lie between 80.4% and 88.1% depending on whether these patients were treated within 18 weeks or not.

Five NHS Boards reported in December 2015 that all eligible 18 weeks RTT patients could be fully measured, i.e. 100% linkage. They are NHS Forth Valley, Golden Jubilee National Hospital, NHS Lanarkshire, NHS Shetland and NHS Western Isles. Due to the possibility of treatments being carried out at multiple tertiary centres or the added complexity of some patients being on multiple concurrent pathways, some NHS Boards are unable to fully link the patient’s pathway.
Glossary

**Patient journey:** A patient's 18 Weeks RTT journey begins with the receipt of referral for treatment and ends with the start of treatment.

**Patient journeys that could be fully measured:** Those patient journeys where it has been possible for the NHS Board treating the patient to link all stages of the patient's journey from the initial referral to the start of treatment.

**NHS Board of Treatment:** The NHS Board in which treatment starts.

**Number of patient journeys within 18 weeks:** The number of patient journeys where the start of treatment was within 18 weeks (126 days or less) of the initial referral, minus any periods of patient unavailability.

**Number of patient journeys over 18 weeks:** The number of patient journeys where the start of treatment was over 18 weeks (greater than 126 days) from the initial referral, minus any periods of patient unavailability.

**Patient unavailability:** Unavailability, for patients without a date for treatment, is a period of time when the patient is unavailable for treatment. Unavailability can be for medical or patient advised reasons.

**Unique Care Pathway Number (UCPN):** A unique number allocated to all new referrals, to enable identification of patient journeys and the linking of all the stages in the patient’s journey.

**Clinical Outcome Code Recording (COCR):** COCR indicates the status of the patient’s journey after every Outpatient appointment.
## List of Tables

<table>
<thead>
<tr>
<th>Table No.</th>
<th>Name</th>
<th>Time period</th>
<th>File &amp; size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chart 1a</td>
<td>NHS Board Performance</td>
<td>October 2011-December 2015</td>
<td>Excel [89kb]</td>
</tr>
<tr>
<td>Table 3</td>
<td>18 Weeks RTT Performance and Linkage by NHS Board</td>
<td>January 2011-December 2015</td>
<td>Excel [2823kb]</td>
</tr>
</tbody>
</table>
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Further Information
Further information can be found on the ISD website

NHS Performs
A selection of information from this publication is included in NHS Performs. NHS Performs is a website that brings together a range of information on how hospitals and NHS Boards within NHSScotland are performing.

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Appendix

A1 – Background Information

History
Better Health Better Care was published by the Scottish Government in December 2007 which set out a commitment:

"The 18 week Referral to Treatment (RTT) standard will address the whole patient care pathway, from receipt of a GP referral, up to the point at which each patient is actually admitted to hospital for treatment".

The 18 Weeks Referral to Treatment (18 Weeks RTT) Standard builds on previous waiting time targets, which set maximum waiting times for stages of treatment, for first outpatient consultation, diagnostic tests and for inpatient and day case treatment. 18 Weeks RTT focuses on the entire patient journey from the initial referral to the start of treatment, including for the first time treatment undertaken in an outpatient setting, and promotes a holistic approach to providing clinically effective, safe and efficient care in a timely manner.

The responsibility for delivering the 18 Weeks RTT Standard lies with the NHS Board who receives the initial referral, as this NHS Board will be responsible for agreeing with the patient and relevant clinicians the most appropriate pathway of care. In some cases patients may be initially referred to one NHS Board and then have an onward referral to another NHS Board for treatment.

Definitions and guidance for 18 Weeks RTT have been developed to help ensure that each patient’s journey is measured fairly and consistently. Further details can be found on the 18 weeks RTT website.

Data Use
After the production of monthly management reports and the quarterly publication, a number of other uses can occur. These include:

- Information requests for a variety of customers, e.g. research charities; public or private companies;
- Freedom of information requests;
- Health intelligence work - used alongside other waiting times information to build up a picture of an NHS Boards performance or to look into capacity issues. Assisting NHS Boards management of their local waiting lists;
- Parliamentary questions.

Other Targets & Standards
The 18 Weeks RTT Standard is part of a variety of targets and standards set by the Scottish Government around waiting times. While 18 weeks RTT covers the full patient pathway, there is a standard specifically around diagnostics, focussing on 8 key diagnostic tests. For the stage of treatment part of the pathway, there is a guarantee for inpatients and day cases and a standard for new outpatient appointments. Details on each of these, and
other waiting times guarantee/standards that ISD publish, are available within the Support Documentation web page.

Further detail about all NHSScotland targets/standards can be found at the Scottish Government's Scotland Performs website.

**What is a UCPN?**

The Unique Care Pathway Number (UCPN) is being rolled out in IT systems across Scotland to identify individual patient journeys, along with codes for outcomes following clinical consultations (Clinic Outcome Code recording, COCR). A UCPN is a unique number that should be allocated to all new referrals and will identify patient journeys in and across NHS Boards. COCR indicates the ‘status’ of a patient’s journey after every outpatient appointment, i.e. whether treatment has started or not. UCPN and COCR will facilitate the linking of all stages of the patient's journey and the measurement of the 18 Weeks RTT waiting time. NHS Boards are at various stages of implementing changes.

**Data Limitations**

The 18 Weeks RTT data submitted to ISD is not at patient level, but an aggregated return from NHS Boards. The derivation of these data and their accuracy is a matter for individual NHS Boards. Whilst it is not possible for ISD to fully validate the underlying data, ISD are developing and refining methods to compare the submitted data to data previously reported for management information purposes and to other ISD data sources. NHS Boards are working with ISD and the Scottish Government to update systems in order to further improve the whole pathway information capture and data submission to support the measuring and reporting against the 18 Weeks RTT Standard. A group of representatives from NHS Boards, Scottish Government and ISD meet on a regular basis to look at new ways to improve data submission and ease the burden on NHS Boards workloads.

Since the data is sent to ISD at an aggregate level a distribution of the data is not possible. ISD only hold data on the number of patient journeys that are less than 18 weeks, over 18 weeks, over 26 weeks for key specialties, and unknown waits.

Due to the constraints in current hospital information systems in linking all stages of a patient's journey to measure their waiting time, these statistics are presented on NHS Board of Treatment i.e. the NHS Board where the patient's treatment was started. NHS Boards are in the process of fully implementing upgrades to their systems to improve the data collection.

Some caution should be exercised in using and interpreting these data at this developmental stage. Until the linking together of all stages of a patient's journey is improved through the upgrades to hospital information systems and the use of UCPN and COCR, these data should be considered provisional and data quality notes should be taken into consideration.
Calculation & Exclusions

The 18 weeks RTT clock start is the date when the referral is received by the Health Board and the clock stop is the date the treatment commences. A clock adjustment may occur for the following reasons (where it is reasonable and clinically appropriate):

- The patient has given the Health Board reasonable notice that they cannot attend an appointment.
- Where the patient is unable to attend or did not attend an appointment.
- Where the patient refuses a reasonable offer.
- Periods of time when the patient is unavailable for treatment i.e. on holiday or medically not fit for treatment. These periods do not count towards the calculation of the patient’s waiting time.

Referrals to the following services for some specific procedures are currently excluded from the 18 Weeks RTT and therefore do not trigger waiting-time clock starts:

- Direct referrals to Allied Health Professionals (AHP’s). However, AHP’s may deliver services that are part of the overall waiting time standard e.g. as part of a consultant led service.
- Assisted conception services.
- Dental treatment provided by undergraduate dental students.
- Designated national specialist service for Scoliosis.
- Direct access referrals to Diagnostics services where the referral is not part of a ‘straight to Test’ referral pathway as there is no transfer of clinical responsibility to the consultant-led team.
- Exceptional Aesthetic Procedures which have been specifically excluded in the CEL 27 (2011) Adult Exception Aesthetic Referral Protocol.
- Homoeopathy.
- Obstetrics.
- Organ and Tissues transplant.
- Mental Health Services.

For further information on the guidance regarding waiting times please refer to the Waiting Times Guidance document produced by the Scottish Government.

Data collection and methods

Data are collected via a standard template that is submitted monthly by each Health Board. This standard template is populated, checked, verified and signed off by an authorised NHS Board colleague before being submitted to ISD.

After submission to ISD, the data are entered into the ISD Referral to Treatment database. The data are then extracted from the database to produce Monthly Management Information Reports for the Health Boards who then check the content for accuracy. The reports are also shared with the Scottish Government. ISD, in partnership with the Health
Boards, look for unusual changes or patterns in the data which might indicate a data quality issue. Any potential anomalies are raised/discussed with the individual Health Board in order to verify the accuracy of the data or correct any problems.

The quarterly 18 Week RTT publication tables and charts are produced using the data from the ISD Referral to Treatment database. The tables and charts produced are checked by ISD and NHS Boards in order to ensure the quality and accuracy of the data. ISD keep a record of any data quality issues, and where appropriate, include them within the data quality section of the publication report.

Prior to publication, the data for each NHS Board is verified and signed off by the Chief Executive of that NHS Board. Data quality questions are asked and the summary of the responses to these can be found in the data quality section.

ISD continue to investigate ways in which the 18 Week RTT data submissions can be made more streamlined and efficient, including the potential to have submissions entered directly into the Waiting Times data warehouse. This is being reviewed as part of a wider piece of work across all waiting times submissions at the request of Scottish Government.

**UK Comparisons**

Other parts of the UK also have targets for the Referral to Treatment pathway; however there are differences in how the time period is calculated and different lengths of targets. Further details on other UK targets can be found on their websites; [NHS England](https://www.england.nhs.uk/), [NHS Wales](https://www.wales.nhs.uk/) and [Health and Social Care in Northern Ireland](https://www.belfasttrust.nhs.uk/).
A2 - Data Quality

ISD works closely with NHS Boards to quality assure data with respect to methodology, extraction process and continuity of trend data at specialty level. This section provides an overview of historical and outstanding data quality issues.

NHS Ayrshire & Arran

NHS Ayrshire & Arran indicate that not all clock stops are captured. In particular, where results of investigations are reported back to patients outwith the outpatient setting. NHS Ayrshire and Arran are not able to estimate this currently.

NHS Ayrshire & Arran confirm that there has been no change to the linkage methodology used and that they are not aware of any new or ongoing data quality issues.

NHS Borders

NHS Borders confirms that the data submitted accurately identifies all patients on the 18 Weeks pathway, with the exception of approx 140 patients per month who are not included in the overall percentage performance against 18 weeks because their clocks are stopped in diagnostics and AHP services. Diagnostic services are not yet on TRAK and so the figures are not accessible for RTT calculations. AHP services are in the process of moving to Trak.

NHS Borders confirm that there has been no change to the linkage methodology used.

Manual data quality checks on the data are required due to the complex nature of the RTT 18 week pathways. NHS Borders are reviewing the report algorithm to resolve identified issues with older records and work is ongoing to improve the percentage of outcome completeness.

NHS Dumfries & Galloway

NHS Dumfries & Galloway confirms the high accuracy of data submitted and that no changes have been made to the linking methodology this quarter. NHS Dumfries & Galloway has still to make some adjustments for Treatment Time Guarantee (TTG), but these are likely to have only a minor effect on the performance figures and no effect on linkage.

NHS Fife

NHS Fife confirms that the 18 Weeks RTT data submitted provides an accurate picture of all patients on an 18 weeks pathway. No changes have been made to the linking methodology. NHS Fife is not aware of any new or ongoing data quality issues.

NHS Forth Valley

NHS Forth Valley confirms that the 18 Weeks RTT data submitted accurately reflects patients on an 18 Week RTT pathway treated within NHS Forth Valley. There have been no changes to the Linking methodology this quarter and NHS Forth Valley is not aware of any new or ongoing data quality issues.
NHS Grampian
NHS Grampian confirms that the data submitted accurately identifies all patients on an 18 week RTT pathway. There has been no change to the linking methodology this quarter. NHS Grampian is not aware of any new or ongoing data quality issues.

NHS Greater Glasgow & Clyde
NHS Greater Glasgow & Clyde confirms the data submitted accurately identifies all patients on an 18 week RTT pathway. There has been no change to the linking methodology this quarter and NHS Greater Glasgow & Clyde are not aware of any new or ongoing data quality issue.

NHS Highland
NHS Highland confirms that the data submitted accurately identifies all patients on the 18 Weeks RTT Pathway. There have been no changes to the linking methodology this quarter. NHS Highland states that they are not aware of any major data quality issues but confirm that there is work to do to improve linkage on non-admitted pathways.

NHS Lanarkshire
NHS Lanarkshire confirms that patients whose pathway stops following a diagnostic test may not be represented on an 18 Weeks RTT pathway. Estimates are around 500. There has been no change to the linking methodology and NHS Lanarkshire is not aware of any new or ongoing data quality issues.

NHS Lothian
NHS Lothian report that there are some patients that are covered by the standard but are not reported. For example, referrals to the Dental Institute and those referred onto AHPs from consultants. It has not been possible to estimate those not reported upon. 
NHS Lothian confirms that there has been no change to the linking methodology this quarter. 
NHS Lothian has had difficulties running the matching algorithm and this has reduced the opportunity for clinical teams to check the output. This stage in the process improves the data quality of the report.

NHS Orkney
NHS Orkney moved to Trakcare in June 2015. Since then, NHS Orkney has been unable to submit 18 Weeks RTT returns; during this period NHS Orkney have submitted estimated figures. It has not been practicable to estimate the number of pathways not being reported. Data Quality issues remain, once resolved NHS Orkney will investigate TrakCare’s inbuilt RTT module with regard to developing their own reports, which will allow them to resume submitting 18 Weeks RTT returns.
NHS Shetland
NHS Shetland confirms that the data submitted accurately identifies all patients on an 18 Weeks RTT pathway and that there have been no changes to their linking methodology. NHS Shetland continues with refresher training in the use of Trak to apply appointment outcomes and can check manually on a one by one basis that all clock stops over 18 weeks are recorded accurately.

NHS Tayside
NHS Tayside confirms the data submitted accurately identifies all patients on an 18 week RTT pathway, with no new or ongoing data quality issues. There has been no change to the linkage methodology this quarter.

NHS Western Isles
NHS Western Isles confirms that the data submitted accurately identifies all patients on an 18 Week pathway. There has been no change to the linkage methodology this quarter. NHS Western Isles is not aware of any new or ongoing data quality issues.

Golden Jubilee National Hospital
Golden Jubilee confirms that the data submitted accurately identifies all patients on an 18 Weeks RTT pathway. There has been no change to the Golden Jubilee linkage methodology.

Golden Jubilee moved from Helix to TrakCare (mid June 2015). This move has not resulted in any serious affect on data quality. Changes in processes have resulted in a few data anomalies and these continue to be closely monitored.
A3 – Publication Metadata (including revisions details)

<table>
<thead>
<tr>
<th>Metadata Indicator</th>
<th>Description</th>
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<tr>
<td>Publication title</td>
<td>18 Weeks Referral To Treatment</td>
</tr>
<tr>
<td>Description</td>
<td>Monthly summaries of whole journey waiting times across NHSScotland</td>
</tr>
<tr>
<td>Theme</td>
<td>Health and Social Care</td>
</tr>
<tr>
<td>Topic</td>
<td>Access and Waiting Times</td>
</tr>
<tr>
<td>Format</td>
<td>Excel workbooks and PDF</td>
</tr>
<tr>
<td>Data source(s)</td>
<td>Aggregate returns at specialty level are submitted monthly from individual NHS Boards to ISD using a defined Excel template. These are derived from local systems and methods of linking whole pathways vary between Boards. These data are termed “under development” until data can be provided at patient level. When patient level data can be extracted from the national waiting times warehouse the revised report will be submitted to the United Kingdom Statistics Authority (UKSA) for review. ISD in partnership with the UKSA are working towards achieving a national statistics status for this publication. As the UKSA are implementing new methodology for assessing and ensuring the quality of administrative data, this review has been paused since March 2014.</td>
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<td>Date that data are acquired</td>
<td>Deadline for data submission is the 24th of each month, though files can be resubmitted up to 1 week before publication where the quality assurance process identifies differences with local figures.</td>
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<td>Release date</td>
<td>The last Tuesday of the month for each publication.</td>
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<tr>
<td>Frequency</td>
<td>Quarterly</td>
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<td>Timeframe of data and timeliness</td>
<td>From 1&lt;sup&gt;st&lt;/sup&gt; January 2011 to 31&lt;sup&gt;st&lt;/sup&gt; December 2015.</td>
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<tr>
<td>Continuity of data</td>
<td>Quarterly data is comparable. Some caution should be taken when comparing figures as data is still currently developmental.</td>
</tr>
<tr>
<td>Revisions statement</td>
<td>No revisions have been made – if a NHS Boards informs ISD of any discrepancies regarding published data then they can revise their data, if this occurs ISD will inform the users of this publication.</td>
</tr>
<tr>
<td>Revisions relevant to this publication</td>
<td>If NHS boards discover that data submitted for publication is incorrect, or that data are missing, further re-submissions can be made up until the publication submission deadline date. Any revised figures will then be reflected within the current publication. Figures contained within each publication may</td>
</tr>
<tr>
<td>Concepts and definitions</td>
<td>A release by the Scottish Government can be found on the 18 weeks RTT website.</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------------------------------------------------------------------</td>
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<tr>
<td>Relevance and key uses of the statistics</td>
<td>Waiting times are important to patients and are a measure of how the NHS is responding to demands for services. Measuring and regular reporting of waiting times highlights where there are delays in the system and enables monitoring of the effectiveness of NHS performance throughout the country. The NHS in Scotland has been set a number of targets for maximum waiting times. Other uses of the data include information requests for a variety of customers, e.g. research charities; public companies; freedom of Information requests; information support to NHS Boards; health intelligence work; parliamentary questions and HEAT targets.</td>
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<tr>
<td>Accuracy</td>
<td>These data are classified as developmental. ISD receives aggregate data from each NHS Board of Treatment, signed off as accurate by the Chief Executive.</td>
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<tr>
<td>Completeness</td>
<td>ISD is currently reviewing ways to compare these data against other sources including data submitted to the ISD national warehouse.</td>
</tr>
<tr>
<td>Comparability</td>
<td>The 18 Weeks Standard applies in England and Wales also. Methods of data collection vary, therefore until the data is out of development comparisons should be made cautiously.</td>
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<tr>
<td>Accessibility</td>
<td>It is the policy of ISD Scotland to make its web sites and products accessible according to published guidelines.</td>
</tr>
<tr>
<td>Coherence and clarity</td>
<td>Key statistics for the latest quarter are linked to on the main 18 weeks RTT web page of the publication. Statistics are presented within Excel spreadsheets. NHS Board and National figures are presented. Further features to aid clarity: 1. All tables are printer friendly. 2. All Scotland summary data are presented first, with the option to view spreadsheets down to Board level. 3. Key data presented graphically.</td>
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<tr>
<td>Value type and unit of measurement</td>
<td>Count of clock stops over and under 18 weeks, percentage performance against 18 weeks and percentage of clock stops linked to clock starts.</td>
</tr>
<tr>
<td>Disclosure</td>
<td>The ISD protocol on Statistical Disclosure Protocol is followed.</td>
</tr>
<tr>
<td>UK Statistics Authority</td>
<td>Developmental data. Not yet undergone assessment by UK</td>
</tr>
<tr>
<td>Assessment</td>
<td>Statistics Authority.</td>
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<tr>
<td>Last published</td>
<td>Tuesday 24&lt;sup&gt;th&lt;/sup&gt; November 2015</td>
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<tr>
<td>Next published</td>
<td>Tuesday 31&lt;sup&gt;st&lt;/sup&gt; May 2016</td>
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<tr>
<td>Date of first publication</td>
<td>Tuesday 31&lt;sup&gt;st&lt;/sup&gt; May 2011</td>
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<td>Date form completed</td>
<td>Friday 19&lt;sup&gt;th&lt;/sup&gt; February 2016</td>
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Pre-Release Access
Under terms of the "Pre-Release Access to Official Statistics (Scotland) Order 2008", ISD are obliged to publish information on those receiving Pre-Release Access ("Pre-Release Access" refers to statistics in their final form prior to publication). The standard maximum Pre-Release Access is five working days. Shown below are details of those receiving standard Pre-Release Access.

Standard Pre-Release Access:
- Scottish Government Health Department
- NHS Board Chief Executives
- NHS Board Communication leads
A5 – ISD and Official Statistics

About ISD
Scotland has some of the best health service data in the world combining high quality, consistency, national coverage and the ability to link data to allow patient based analysis and follow up.

Information Services Division (ISD) is a business operating unit of NHS National Services Scotland and has been in existence for over 40 years. We are an essential support service to NHS Scotland and the Scottish Government and others, responsive to the needs of NHS Scotland as the delivery of health and social care evolves.

**Purpose:** To deliver effective national and specialist intelligence services to improve the health and wellbeing of people in Scotland.

**Mission:** Better Information, Better Decisions, Better Health

**Vision:** To be a valued partner in improving health and wellbeing in Scotland by providing a world class intelligence service.

**Official Statistics**
Information Services Division (ISD) is the principal and authoritative source of statistics on health and care services in Scotland. ISD is designated by legislation as a producer of ‘Official Statistics’. Our official statistics publications are produced to a high professional standard and comply with the Code of Practice for Official Statistics. The Code of Practice is produced and monitored by the UK Statistics Authority which is independent of Government. Under the Code of Practice, the format, content and timing of statistics publications are the responsibility of professional staff working within ISD.

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- National Statistics (i.e. legacy, still to be assessed by the UK Statistics Authority)
- Official Statistics (i.e. still to be assessed by the UK Statistics Authority)
- other (not Official Statistics)