

Hospital Standardised Mortality Ratios

April to June 2016

Quarterly Report

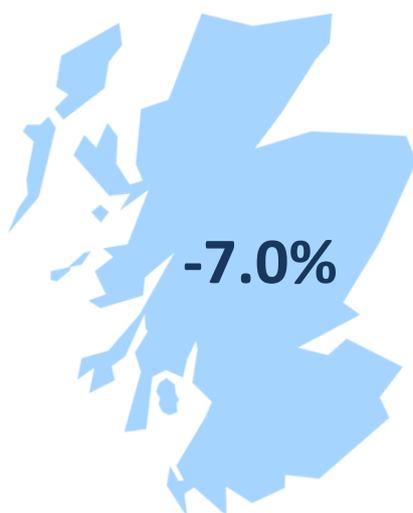
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About this release

This is the second release from ISD of Hospital Standardised Mortality Ratios (HSMRs) using a new methodology. This release reports on progress towards the aim to reduce hospital mortality by a further 10% by December 2018. This is measured from the end of the baseline period - January 2011 to December 2013 to the latest quarter.

Main Points



- The HSMR for Scotland has decreased by 7.0% between January to March 2014 (first quarter after new baseline) and April to June 2016.
- No hospitals had significantly higher standardised mortality ratios in April to June 2016 than the national average.
- Two hospitals had a significantly lower standardised mortality ratio in April to June 2016 than the national average: Raigmore Hospital (HSMR of 0.58) and Queen Elizabeth University Hospital (HSMR of 0.77).

Eight of the 29 hospitals participating in the Scottish Patient Safety Programme have shown a reduction in excess of 10% since January to March 2014:

- Balfour Hospital
- Dumfries & Galloway Royal Infirmary
- Forth Valley Royal Hospital
- Hairmyres Hospital
- Monklands District General Hospital
- University Hospital Ayr
- Western Isles Hospital
- Wishaw General Hospital



Background

The hospital Standardised Mortality Ratio (HSMR) are based on all acute inpatient and day case patients admitted to all specialties in hospital. The calculation takes account of patients who died within 30 days from admission, and includes deaths that occurred in the community as well as those occurring in-hospital.

HSMR = Observed Deaths / Predicted Deaths

The Scottish HSMR for April to June 2016 is currently 0.86. Compared to an index of 1.00 this means that there were 14% fewer deaths than predicted in the period. Analysis for Scotland indicates that by April to June 2016 there had been a 7% reduction in hospital mortality since January to March 2014.

Deaths that occur in hospital may be inevitable because of the patient's condition on admission. However, there are some deaths that can be prevented by improving care and treatment or by avoiding harm.

Information Services Division has produced quarterly HSMR for all Scottish hospitals participating in the Scottish Patient Safety Programme since December 2009; the programme aim is to reduce hospital mortality by 10% by the end of December 2018. The methodology used by ISD was updated in August 2016. This is the second release reporting on HSMR using this new methodology and is not comparable to releases prior to August 2016.

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Further Information

The data from this publication is available to download [from our web page](#).

A [Technical Document](#) is available on how the HSMR is now calculated and describes the methodology used in more detail. A [Frequently Asked Questions](#) document is also available.

For more information on HSMR see the [HSMR section of our website](#).

The next release of this publication will be 21 February 2017.

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.

ISD and 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. [Further information about our statistics](#).