

# Hospital Standardised Mortality Ratios

October to December 2015

Quarterly Report

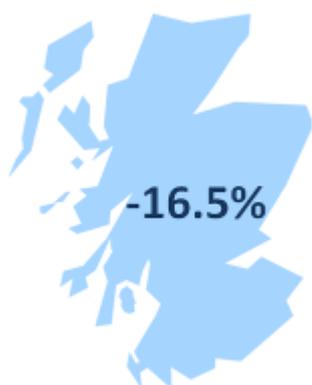
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## About this release

This is the last release of Hospital Standardised Mortality Ratios (HSMRs), reporting on progress towards the current phase of the Scottish Patient Safety Programme. HSMRs are calculated when mortality data are adjusted to take account of some of the factors known to affect the underlying risk of death. The HSMR calculation includes patients who died within 30 days from hospital admission. NHS Boards use HSMR information to help improve the quality of care and treatment.

## Main Points



- The HSMR for Scotland has decreased by 16.5% between October-December 2007 and October - December 2015.

- Ten hospitals have shown a reduction in excess of 20%:
  - Balfour Hospital
  - Crosshouse Hospital
  - Forth Valley Royal Hospital
  - Hairmyres Hospital
  - Monklands District General Hospital
  - Royal Alexandra/Vale of Leven
  - Ninewells Hospital
  - Victoria/Queen Margaret/Forth Park Hospital
  - Western Isles Hospital
  - Wishaw General Hospital



- Since October-December 2007, there has been a reduction in HSMR in 24 of the 29 hospitals participating in the Scottish Patient Safety Programme (SPSP).

## Background

The HSMR is 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 October – December 2015 is currently 0.87. Compared to an index of 1 this means that there were 13% fewer deaths than predicted in the period. Analysis for Scotland indicates that by October - December 2015 there had been a 16.5% reduction in hospital mortality since October – December 2007.

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 Hospital Standardised Mortality Ratios for all Scottish hospitals participating in the Scottish Patient Safety Programme since December 2009. The aim of the Scottish Patient Safety Programme is to reduce hospital mortality by 20% by December 2015.

**The next update, reporting on admissions to 31st March 2016, will be published on Tuesday 23 August 2016, and will use an updated methodology.**

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## Further Information

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

For more information on the refined methodology which will be used to calculate the HSMR in future releases see the [Research and Development](#) page.

## 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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## 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](#).