

# Publication Summary



## Hospital Standardised Mortality Ratios

January – March 2015

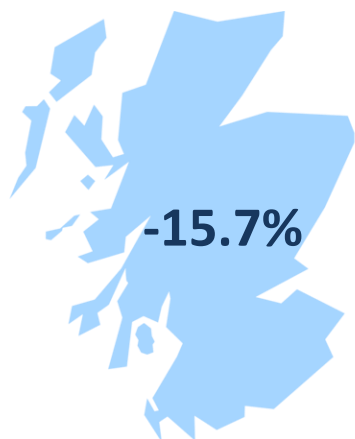
Quarterly Report



### About this Release

Hospital Standardised Mortality Ratios (HSMR) 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.

### Key Points



- The HSMR for Scotland has decreased by 15.7% between October-December 2007 and January – March 2015.

- Seven hospitals have shown a reduction in excess of 20%:
  - Balfour Hospital
  - Crosshouse Hospital
  - Monklands District General Hospital
  - Ninewells Hospital
  - Stracathro Hospital
  - Victoria/Queen Margaret Hospital
  - Wishaw General Hospital



- Since October-December 2007, there has been a reduction in HSMR in 29 of the 31 hospitals participating in the 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.

$$\text{HSMR} = \text{Observed Deaths} / \text{Predicted Deaths}$$

The Scottish HSMR for January-March 2015 is currently 0.90. Compared to an index of 1 this means that there were 10% fewer deaths than predicted in the period. Analysis for Scotland indicates that by January – March 2015 there had been a 15.7% 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 (ISD) has produced quarterly Hospital Standardised Mortality Ratios (HSMR) for all Scottish hospitals participating in the Scottish Patient Safety Programme (SPSP) since December 2009. The aim of the Scottish Patient Safety Program (SPSP) is to reduce hospital mortality by 20% by December 2015.

## Further Information

Further information can be found in the [full publication report](#).

## Contact

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### 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 NHSScotland and the Scottish Government Health Department and others, responsive to the needs of NHSScotland as the delivery of health and social care evolves.

### 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.

Further information on ISD's statistics, including compliance with the Code of Practice for Official Statistics, and on the UK Statistics Authority, is available on the [ISD website](http://www.isdscotland.org/About-ISD/About-Our-Statistics/) [www.isdscotland.org/About-ISD/About-Our-Statistics/](http://www.isdscotland.org/About-ISD/About-Our-Statistics/)