

Publication Summary



Hospital Standardised Mortality Ratios

April – June 2015

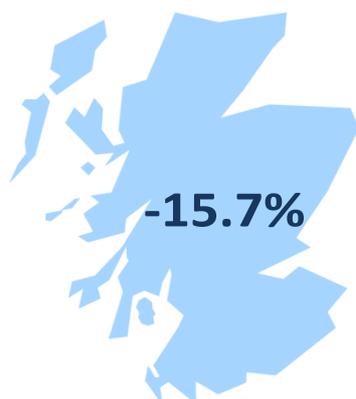
Quarterly Report



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 April – June 2015.

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



- Since October-December 2007, there has been a reduction in HSMR in 27 of the 29 hospitals participating in the Scottish Patient Safety Programme (SPSP).
- The Queen Elizabeth University Hospital opened to patients in April 2015, since then services from the Southern General, Victoria Infirmary and Western Infirmary/ Gartnavel have transferred to this new hospital, reducing the number of SPSP hospitals from 31 to 29.

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 April-June 2015 is currently 0.86. Compared to an index of 1 this means that there were 14% fewer deaths than predicted in the period. Analysis for Scotland indicates that by April-June 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 [HSMR quarterly report 17 November 2015](#).

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](#).