



Understanding the HSMR Report

CIHI's Hospital Standardized Mortality Ratio (HSMR) Report provides a straightforward means of understanding the mortality rate for a facility and how it has changed over time. A description of the different dimensions of the report is provided below.

HSMR

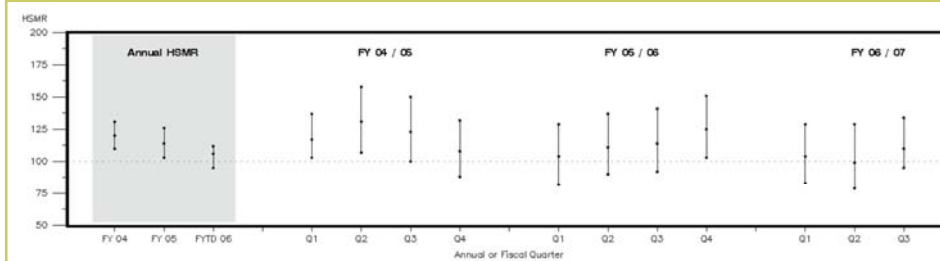
For each fiscal quarter or year, the HSMR result is calculated as a ratio of the actual number of deaths in a facility to the expected number of deaths for patients in acute care hospitals, excluding palliative care patients. HSMR cases include only those diagnosis groups that account for the top 80% of all deaths in acute care hospitals. A facility's HSMR result including palliative care patients is also provided. *Note that a year-to-date HSMR is provided using data available for the current fiscal year.*

Quarterly and Annual HSMR Results

HSMR results are plotted for the fiscal quarter and fiscal year. A facility can track the change in its HSMRs over time, measuring how effective it has been in "moving its dot" and reducing mortality rates.

Hospital Standardized Mortality Ratio (HSMR) - FY 2006/07 Q3 Quarterly Report
CIHI HSMR Methodology version 3.0

Institution name



Peer Range and Peer QR

The Peer Range refers to the lowest and highest HSMR results within the HSMR hospital peer group, whereas the Peer Quartile Range (QR) represents the 25th and 75th percentiles of HSMR results for an institution's HSMR hospital peer group. HSMR hospital peer groups are developed specifically for use with HSMR data.

Fiscal Quarter	Cases	Deaths	HSMR	95% CI	Peer Range**	Peer QR**
Q1 Apr-Jun 2005	1,188	82	104	82 - 129		
Q2 Jul-Sep 2005	1,126	92	111	90 - 137		
Q3 Oct-Dec 2005	1,150	86	114	92 - 141		
Q4 Jan-Mar 2006	1,356	110	125	103 - 151		
Annual (FY 04 05)	4,820	370	114	103 - 126	79 - 143	104 - 135
Annual with PC*	4,828	374	114	102 - 126	74 - 136	102 - 128
Q1 Apr-Jun 2006	1,282	83	104	83 - 129		
Q2 Jul-Sep 2006	1,098	86	99	79 - 129		
Q3 Oct-Dec 2006	1,131	87	110	95 - 134		
YTD (FY 06 07)	3,511	256	106	95 - 112	71 - 133	90 - 123

HSMR results with "!" should be interpreted with caution

*Annual HSMR calculated including palliative care cases

ID:12345, Peer Group 4, Organization name

Data submitted as of 31-Jul-06

Periods Outstanding: 0

Report created by CIHI on 31-Sep-06

Periods Outstanding

This is the number of periods still outstanding (i.e. not submitted as of the deadline date).

Lower and Upper Confidence Intervals

HSMRs are estimated to fall within an upper and lower confidence interval 19 times out of 20 (which represents a 95% confidence interval). The wider the confidence interval is for an HSMR result, the greater the variability in the result.

Want more information?

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