

## What is HSMR?

The hospital standardized mortality ratio (HSMR) is an important measurement tool that compares a hospital's mortality rate with the national standard.

Trillium Health Centre supports the HSMR study because it is an important high-level statistical measure of patient outcomes used by hospitals in several countries to focus efforts to improve the quality and safety of patient care.

## How is the HSMR calculated?

The HSMR is calculated as a ratio of the actual number of deaths to the expected number of deaths among patients in acute care hospitals. A ratio great than 100 means more deaths occurred than expected, while a ratio of less than 100 means fewer deaths occurred than expected. The HSMR is based on patient diagnoses that account for 80% of deaths in hospitals. The ratio is adjusted for various factors that affect mortality such as age, sex, and length of stay.

## Trillium Health Centre's HSMR Data

Fiscal Year (April 1 – March 31)	2004-05	2005-06	2006-07	2007-08
HSMR	102	97	105	92

The data show a significant improvement in Trillium Health Centre's HSMR results, dropping to 92 in fiscal 2007-08, which is lower than the expected mortality rate and lower than the previous three years

To see the full report or for more information, please visit the [Canadian Institute for Health Information \(CIHI\) Web site](#).

