

McMASTER UNIVERSITY
GRADUATE PROGRAM IN STATISTICS

STATISTICS SEMINAR

- Speaker:** Cathlin Sarafin
Household Survey Methods Division
Statistics Canada
- Title:** The Weighting Strategy for the Canadian Community Health Survey
Day: Tuesday, March 25, 2008
- Time:** 3:30 - 4:30 PM
- Place:** HH/217 - Deloitte Colloquium Room
(refreshments in HH/216 at 3:00 PM)

SUMMARY

The Canadian Community Health Survey (CCHS) is an on-going cross-sectional survey with a complex, multi-stage, multi-frame design. It collects general health-related information from a sample large enough to provide estimates for more than 120 health regions across Canada. Various aspects of the survey were recently redesigned, including the methodology of the weighting process. This revision affected many of the adjustment steps within the extensive weighting process, including the initial weights on the area frame, the nonresponse adjustments and the integration of the multiple frames. As well, the overall process was simplified to reduce the number of adjustments required.

REFERENCES

C. Sarafin, M. Simard and S. Thomas (2007) A Review of the Weighting Strategy for the Canadian Community Health Survey. *Proceedings of the Survey Methods Section, Statistical Society of Canada Annual Meeting*

A reprint of this paper can be found at

http://www.math.mcmaster.ca/canty/seminars/SSC2007_Sarafin.pdf

ABOUT THE SPEAKER



Cathlin Sarafin graduated in 2004 with a Masters degree in Statistics from McMaster University. She went straight from McMaster to working at Statistics Canada in the health methodology field. She has primarily been working on the weighting and estimation side of the Canadian Community Health survey for the past 3 years. This work involves the production of several weights each year, verification of these weights, and researching new methods to improve the weighting strategy.

MORE SEMINAR INFORMATION

Please contact Angelo Canty at 905-525-9140 ext. 27079, email: cantya@mcmaster.ca.