

## 2 Statistical Methods and Data Presentation

### 2.1 General Methods

All descriptive statistics and multivariate analyses were produced using Statistical Analysis software (SAS), Version 9.1 (SAS Institute Inc., Cary, NC, USA). The specific statistical procedures used for each analysis are described in the chapters that follow. In order to provide estimates representative of the Ontario population, survey expansion weights (provided by Statistics Canada) were applied in all analyses of the data.

Statistics Canada does not release prevalence data for categories containing less than 5 survey respondents, so there is a limit to the number of categories into which data can be subdivided. This has been taken into account in defining the various demographic, lifestyle, and socio-demographic categories for the descriptive statistics presented in this report. The detailed definitions for all variables used are presented in Appendix B.

### 2.2 Sampling Variability Guidelines

In keeping with the standard practices for the presentation of Statistics Canada survey data, two symbols are included in the tables that follow to denote estimates with large coefficients of variation:

**E:** ‘use with caution’.

An estimate accompanied by a superscript **E** is considered to be of marginal quality due to the high sampling variability associated with the estimate. The coefficient of variation for this estimate is greater than 16.6% and less than or equal to 33.3%.

**F:** ‘too unreliable to be published’.

An estimate accompanied by a superscript **F** is considered to be of unacceptable quality. The coefficient of variation for this estimate is greater than 33.3%. The user is advised that this estimate does not meet Statistics Canada’s quality standards for this statistical program. Conclusions based on these data will be unreliable and most likely invalid. These data and any consequent findings should not be published. If the user chooses to publish these data or findings, then this disclaimer must be published with the data.