1096-D5-2627   **Sarah L. Mabrouk*** (`smabrouk@framingham.edu`), Framingham State University, 100 State Street, PO Box 9101, Framingham, MA 01701-9101. *Using an Ever-Growing Data Set in an Introductory Statistics Course.*

In an effort to have students experience the application of statistics from data collection to hypothesis testing, I provide my students with 1.69-ounce bags of Milk Chocolate M&M's, three bags per student in most classes. The students determine the frequencies for the colors of the candies in their sample bags, and the class data is compiled and, then, analyzed throughout the semester using the statistical methods that students learn throughout the course. Combining class data with the data from my other course sections as well as with that from past classes has produced an ever-growing data set consisting of over six-hundred samples. In this presentation, I will discuss my use of this ever-growing data set in my introductory statistics classes as well as the technology used to analyze the data, the in-class analysis, and associated outside-of-class assignments. (Received September 17, 2013)