

### Q Exercise 3 M&Ms

Josh Madison conducted a study on the color distribution of M&M candies. From the Consumer Affairs Office, he learned the expected percentages in each pack of candy (see below). He then conducted his own study; his results are posted on his website at: <http://joshmadison.com/2007/12/02/mms-color-distribution-analysis> or just find "Josh Madison M&Ms" online.

You will be comparing the Spring 2012 class results with Madison's results and with the Consumer Affairs Office. What can you conclude? How similar are the 3 sets of data regarding color distribution?

Due 4/1, typed, MLA format, cite Madison in the paper and on a Works Cited page. About 2 pages that include at least 1 table and 1 figure, numbered and titled. You may work with another student on this project.

Josh Madison: <sup>18.36%</sup> blue, <sup>14.16%</sup> brown, <sup>18.4%</sup> green, <sup>20.7%</sup> orange, <sup>14.2%</sup> red, and <sup>14.08%</sup> yellow.

M&M Consumer Affairs: 24% blue, 13% brown, 16% green, 20% orange, 13% red, and 14% yellow.

Class results Spring 2012: <sup>21.82%</sup> 406 blue; <sup>12.53%</sup> 232 brown; <sup>14.6%</sup> 363 green; <sup>19.92%</sup> 369 orange; <sup>12.4%</sup> 239 red; <sup>13.12%</sup> 243 yellow.

	blue	brown	green	orange	red	yellow
Josh Madison	19%	14%	18%	<del>19%</del> 21%	14%	14%
M&M consumer Affairs	24%	13%	16%	20%	13%	14%
Class results Spring 2012	22%	13%	20%	20%	13%	13%