**TITLE:** Math 101 Report Graphing

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**COLLEGE:** Bryant and Stratton Online

**CLASS:** Math 101

**DATE:** December 11, 2019

**PART 1: BAR GRAPH:**



Question 1: What percent of the average household income in 2000 was spent on food? Transportation? Round to the nearest percent.

The percentage of the average household income that was spent on food in the year 2000 is twelve percent rounded up.

The percentage of the average household income that was spent on transportation in the year 2000 is seventeen percent when rounded up.

**PART 2: PIE CHART:**



**Question 2:** Which expenditure (food, housing, transportation, or entertainment) was the most costly in 2014? What percent of the average household income is spent on this? Round to the nearest percent.

The costliest expenditure in 2014 was housing.

This expenditure counted as forty-nine percent of the average household income in 2014.

**PART 3: LINE GRAPH:**



**QUESTION:**

What is the change (difference) in the median household income from 2007 to 2014? Was it an increase or a decrease?

The change of the median household income from 2007 to 2014 was $4,279 total.

There was a decrease in the median household income between the years of 2007 and 2014.

**PART 4: REFLECTION:**

The three things that I have learned while doing this project are. I have learned how to combine a worksheet from Microsoft Excel onto a word document. I have learnt how to make different types of graphs as well. I have also learnt how to submit a project through ePortfolio.

This knowledge as well as the skills I have learned this week through this report will be very valuable for me during my career. I will know how to make a graph for my sales reports at work. I will have a better understanding on how to make schedules for each of my departments.

We use tables and graphs when we are projecting and showing how each department did that week compared to the previous year. As well as when we need to make schedules for each department to use the number of hours that department has available to them due to the sales in that department.