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Math Project III

Examining Research

MAT 105

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### Goals:

The goal of this poll, which was whether or not the rise in the cost of gasoline would cause a financial burden on the people of the nation, is that the surveyor wants to know the people's thoughts on summer travel. Would the people be afraid of the gas pump? Another goal of the survey might be whether or not a carpool might be needed. Although not in the original question, these above questions might be implied.

Surveyors: CNN, USA Today

Type: Gallup

This poll appears to be a random selection type of study. The poll was done in March of 2004 by CNN and by USA Today. The margin of error was 5%.

### Description of the Attached Graph:

The attached graph is a bar graph. The purpose of this graph is to show the percentage of people who do vs. do not think that rising gas prices will hurt the pocket book. The graph shows that 42% of people polled do not think a financial burden will happen. This leaves the other 58% of people polled thinking that financial hardship is going to happen.

This is how the legend was made. The legend was made by counting the characters in the original question. This does not include spaces, but does include the

quotation marks. “ = one character. After this count, calculations of the percentages of red and blue ensued. The character count was 112. Calculations went as follows: There was 42 percent of people who said “will not”. The multiplication of the proper figures meant that 47.04 characters would be blue. The same happened with red (“will”) and the calculations that ensued meant that 64.96 characters would be red.

#### Conclusions:

The rising cost of gasoline in this country clearly is bothersome to most people. It will affect the way people behave over the months that they may want to do something else besides stay in their house. What can be done about this situation? First, people of this country can conserve money by carpooling or riding a bicycle. The people the people of the country can always walk too. However, some people may not be able to handle some conditions like this because of health concerns. This would mean maybe getting some government aid if there is any to be had. The conclusions and suggestions are very valid because of the fact that conserving money is a good thing. The suggestions need to be followed for money to be conserved and maybe improve the health of some people. These suggestions might also help the environment the long run. These suggestions are better than the alternative of spending money that does not need to be spent.

The practical purposes of the poll being analyzed is that this poll gives a look at the average thought patterns of the people around us. Then, this poll gives a chance to plan for the future about transportation in the all important summer months. So, as one can see, this poll turned out to be a very important one indeed.