INTEROFFICE COMMUNICATION

To: Ms. Ortiz

From: JC Gibbs

Date: 16 September 2021

Subject: Cell Phone and Driving Facts

Ms. Ortiz the purpose of this memo is to inform you of the research conducted about how using cellphone while driving affects driving ability and relates to accident statistics. This research was done using various government agencies, reputable polling organizations, and insurance researchers.

There are 270 million wireless subscribers in the United States when compared to the 5 million in the 1990s. Of all the drivers who own a cellphone 10% say they talk on the phone while driving all the time. 62% says sometimes while 28% of adult drivers say they never talk on the phone while driving. This information should be portrayed in a pie chart because it is a small amount of data and easily able to show 100%.

Of drivers who use cellphone while driving, most think that doing so is dangerous (26 percent “very dangerous,” 24 percent “dangerous,” 33 percent “somewhat dangerous,” 16 percent “slightly dangerous”). Only 2 percent think it is “not dangerous at all”. I went bar charts as it shows the data clearer. The data did not flow right on a line chart. Using pie chart would not work as it did not equal 100%.

Talking on the phone varied depending on the age of the driver. Echo Boomers (age 18-32), 83 percent reported that they at lease sometimes talked on the phone while driving. Of the Gen X (age 33-44), 85%. Baby Boomers (age 45-63), 70% and of the Matures (64+), 42%. A two different Bar graph could be used to display this information. This information was put into a bar graph. A bar graph was used because it communicates the numerical values in percentage while comparing the ages.

Sending and receiving text messages while driving is relatively rare: only 5% of all drivers who have cell phones reported that they do so “all the time,” 22 percent report “sometimes,” and 74 percent report “never”. This information was placed in a bar graph to show data. I could have used a pie chart, but the percentage was greater than 100%.

Connecticut, New York, and Washington, DC outlawed the use of handheld phones while driving. Alaska, Louisiana, Minnesota prohibits all drivers form texting while driving. New Jersey and Washington DC both outlawed the use of handheld phones and prohibits drivers from texting and driving. This data would best fit displayed in a map format. Unfortunately placing this data in a map in excel did not function properly. Below you will find each data set displayed in a graphic form.