

Team number: JMS62
School name: Jackson Middle School
Area of Science: Behavioral and Social Sciences
Project title: Albuquerque Balloon Fiesta Traffic
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Problem

The problem is that the traffic at the Albuquerque International Balloon Fiesta can have negative effects on many people, this includes students, workers, pedestrians, and any other drivers. The traffic causes delays for cars going out of their community. This causes difficulty for people heading to work, students that need to get to school, and other drivers. These difficulties may end in consequences. Pedestrians are also affected by the traffic because they could get hit by cars in traffic and it also takes them longer to get places. The Balloon Fiesta traffic also causes more accidents to happen. In conclusion, the Albuquerque International Balloon Fiesta can result in consequences for many drivers.

Expected Results

It is important for the Balloon Fiesta to have smoother traffic. This will help the community get to their destination, prevent accidents, and overall the traffic will have a better flow. This will show a more positive outcome of the activity all together. We plan on having data to figure out the average amount of accidents per year and compare the years to see if the traffic is getting better or worse. We expect that our model will show a more efficient way for the traffic to run to cause less negative outcomes.

Plan Of Action

We plan on revising our flaws from last years project on the same subject. This includes not collecting enough data. Our plan to get our data is by using graphs to show the amount of people each year. We will also use graphs to show the number of accidents that occur each year. Graphs will help our project present our data along with organizing it. We also plan to contact Sgt. Zak Cottrell who is the civil engineering designer with the Albuquerque Police Department traffic division. This will help us gather data about the type of traffic on each street.

We also plan on gathering our data from Elaine Nelson who is the transportation manager of the Albuquerque International Balloon Fiesta.