

Term Project Reflection

The reason I took this class is because I knew I needed to take it in order to become an epidemiologist. Epidemiologists track and monitor health conditions in a general population. I knew that statistics needed to be used in this situation, but I had no idea that you can apply statistics to bags of skittles and use it to your advantage.

The skittles project showed that each skittles package had roughly around the same amount skittles. Most of the packets were in the upper fifties for the number of skittles in each bag. There were some that had more than 60. This shows that manufacturers probably use statistics as well to help show how their products are doing and exactly how much they are selling in order to make a profit.

The term project with Skittles actually helped me gain a greater understanding of what we were learning in the class. This term project actually showed me that statistics can be applied to literally anywhere. One place in particular is where I work. I work in the Operating Room at Riverton Hospital. And they are constantly talking about surgical site infections, CAUTI (catheter-associated urinary tract infection), and the percentage of hand washing going in facilities. We keep track of this by using statistics. We document everything at the hospital especially the infections and the hospital is able to make them into graphs and charts so we can see as a hospital how we are doing when it comes to infections. I've worked at the hospital for over a year and didn't put everything together until I took statistics. The hospital is constantly using statistics to show where we can apply the results and make improvements as a hospital.

In all, statistics can really be applied to anything in your life and can be quite useful. I never knew this before, but now I can use my new found statistical skills in everyday life.