

Data Application Homework 2: Analyze Data

Overview

In this activity, you learn about the Means and Frequencies commands in the Analyze Data component of Epi Info. You use data from the 1940 food-borne illness outbreak investigation in Oswego County, New York.

Using **Oswego** dataset with the SPSS software, you should complete two tasks:

- A. Generate means output for a variable in the dataset.
- B. Generate a frequencies table and graph for a variable in the dataset.

Instructions

To answer questions 1 to 5, follow the following steps:

Please click “Analyze” → “Descriptive Statistics-> Crosstabs”. In the crosstabs dialog, select the variable SEX and put it in the Row box (By doing this, you are requesting two tables with the frequency of vanilla: one for males and one for females). Also put vanilla in the column box. Then click OK and two new tables will appear in the analysis output window.

Report results with tables and graph. Also please explain the results

* For each food column, cause of sickness is denoted by either 0 (not sick) or 1 (sick).

Questions

Frequencies

Question 1: What is the total number of persons who got sick?

Crosstabs

Question 2: how many males and what percentage of males got sick?

Question 3: how many females and what percentage of females got sick?

Question 4: What percentage of females consumed vanilla ice cream?

Question 5: How many males consumed vanilla ice cream?