

**SW 8102 Advanced Research—Summer, 2004**  
**Sample Data Analysis Assignment**

*The following questions are based on the same data that will be used for the data analysis assignment that student's will be asked to do in groups. These questions will be answered in class as preparation for completing the regular assignment.*

1. In what percentage of the cases were Intensive Family-Based Services provided?
  
2. Was the race of the oldest child related to the likelihood that abuse was substantiated? How likely was it that this relationship could have occurred by chance?
  
3. What was the typical age of the mother or female guardian in families that were investigated? How much variation in the age was there among mothers/female guardians?
  
4. Was there a relationship between the age of the oldest child and the age of the mother/female guardian? What does this relationship mean, if anything? How likely was it that this relationship could have occurred by chance?
  
5. What was the typical response on the responding parent's views on spanking as a form of discipline? (Assume for the purpose of example that these responses were ordinal rather than interval.) How much variation was there in these ratings?
  
6. Suppose you knew the number of siblings and wanted to predict length of out-of-home placement. What formula would best predict length of out-of-home placement? What would be the best prediction for length of out-of-home placement if two siblings were present?
  
7. Did sex of the oldest child affect the average length of out-of-home placement for those who were placed? What is the probability that the difference that was observed occurred by chance?
  
8. Was the typical age of the mothers or female guardians different based on the race of the oldest child?