CHAPTER 4
RESULTS AND DATA ANALYSIS

The purpose of this study was to determine the relationship between the adult learner’s basic skill levels and computer anxiety. Skill levels of the adult learner were measured using the Test of Adult Basic Education (TABE) instrument. This instrument was utilized to measure reading, language, and mathematics. The Computer Anxiety Rating Scale (CARS) was used to determine computer anxiety in the adult learner.

Resulting Sample

The Computer Anxiety Rating Scale (CARS) and the Test of Adult Basic Education (TABE) instruments were administered to 136 persons over a 16-week period. The resulting sample included applicants seeking admission to courses in business technology, agriculture, commercial foods, cosmetology, health occupations, industrial trades, marketing education, and public safety at an adult technical center in central Florida. Incomplete questionnaires and demographic data sheets were excluded before compilation of survey data, resulting in a final sample of 100 persons.

Males represented 48% of the sample with a mean of 10.275 and a standard deviation of 3.14, while females represented 52% with a mean of 10.46 and a standard deviation of 2.61. The mean age of the sample was 26.4, with a standard deviation of 9.75, and a range of 18-70. With regard to age groups, 51% were between the ages of 18 and 22, and 22% were between the ages of 30 and 39. The next largest age group was 23-29 with 15%, followed by 1% over the age of 60. The demographic data are presented in Table 4-1.