

## Data Analysis and Technical Notes

This report includes findings that are a result of assessments and data collected by 31 Circle of Success outreach workers from September 1, 2004 through July 31, 2005. Data was analyzed on one CLSS administration, two SRFS administrations, and two ASQ administrations conducted between 9/1/04 and 7/31/05. Data analysis and reporting was limited to families that participated in the home visiting component of Circle of Success. Although the Circle of Success outreach program was not developed as a research model, the results from these accountability measures may provide instructional information to assist future early literacy program.

### **Report and Evaluation Analyst**

Dr. Sheri L. Hill, Developmental Policy Specialist and a faculty at the University of Washington, was contracted by Circle of Success as a data analysis and reporting consultant. Dr. Hill has assisted in the data gathering strategy development, data analysis, and advised on the presentation of the data collected by the Circle of Success outreach workers.

### **Ages and Stages Evaluation**

The *Ages & Stages Questionnaires® (ASQ) A Parent Completed Self Monitoring System, Second Edition*, provides a system to screen infants and young children for developmental delays during the first five years of life. Each questionnaire covers five developmental areas: communication, gross motor, fine motor, problem solving and personal-social. The data is centered here on children who completed 2 ASQ administrations (N=133). The ASQ was developed by Diane Bricker, Ph.D., & Jane Squires, Ph.D. Copyright 1999.

### **Excessively Low ASQ Scores ~ Outlier's Pulled Out**

Other than reports on pass/fail performance, all ASQ analysis pulled out those children whose performance at the first assessment was excessively low (ASQ scores  $\geq 4$  standard deviations below the mean). This was done by subtest. We pulled out these children from the analysis because they are considered outliers and would not be expected to demonstrate benefits from Circle of Success participation in the same way as other children.

### **Community Life Skills Scale**

The Community Life Skills Scale (CLSS) measures use of community resources in six areas: Transportation, Budgeting, Support Services, Support-Involvement, Interests, Hobbies, and Regularity of Routines in Daily life. The CLSS was developed by Kathryn E. Barnard, RN, Ph.D. Copyright 1993. The data is reported on the subset of families that have both SRFS administrations (N=116). For consistency, answers regarding services on the CLSS are presumed to be referencing services accessed by the parent/primary caregiver for themselves.

### **School Ready Family Survey**

The *School Ready Family Survey (SRFS)* was developed by Circle of Success to account for program objectives. Descriptive statistics reported here for the SRFS are based on those families that have two administrations on record (N=228). For consistency, answers regarding services on the SRFS are presumed to be referencing services accessed by the family for the child/children. Net Gains or Increases reported here reference the number of families reporting a "no" in the Fall and a "yes" in the Spring minus those reporting a "yes" in the Fall and a "no" in the Spring. The Percent Net Gain reported represents the Net Gain as a proportion of the total sample. This denominator was selected as the most conservative measure of change. A Net Gain from Fall to Spring was considered significant to the community if it represented greater than 5% of the total sample.