



## Outcomes of Participants in Cornell Cooperative Extension Middle Years Parent Education Program

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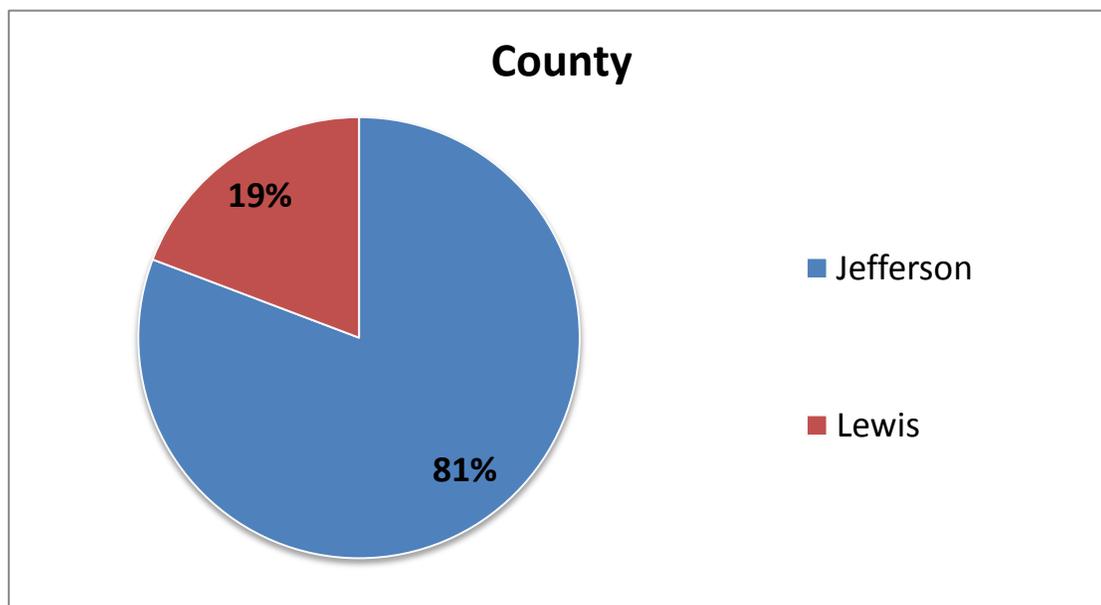
Cornell Cooperative Extension (CCE) offers a variety of programs for parents and caregivers. These programs reach a wide range of families and seek to promote positive parenting and, ultimately, healthy family and child development. This research brief presents data collected from participants in the Middle Years parent education program from July 2011 to July 2012. Participants included parents and caregivers taking part in programs that comprised at least six hours of content delivery. Data were collected from participants

at the first session (a pre-test) and at the last session (a post-test). Results of the analysis of these data are shown below.

### Demographics of Participants attending Middle Years parent education programs

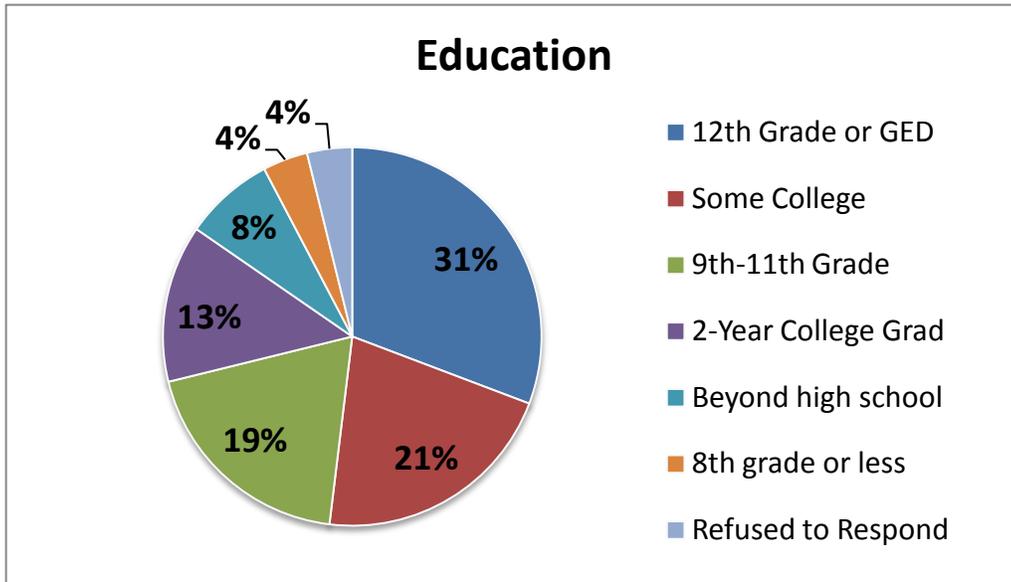
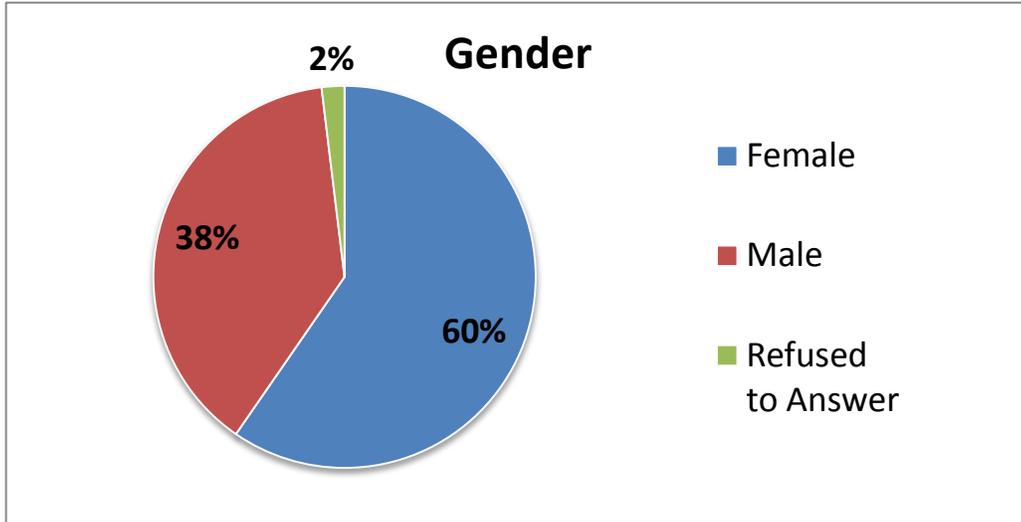
The following summaries use data from 52 participants who completed a pre-test survey given at the first session of their parent education class.

The majority of participants in the Middle Years programs were from Jefferson County (81%).



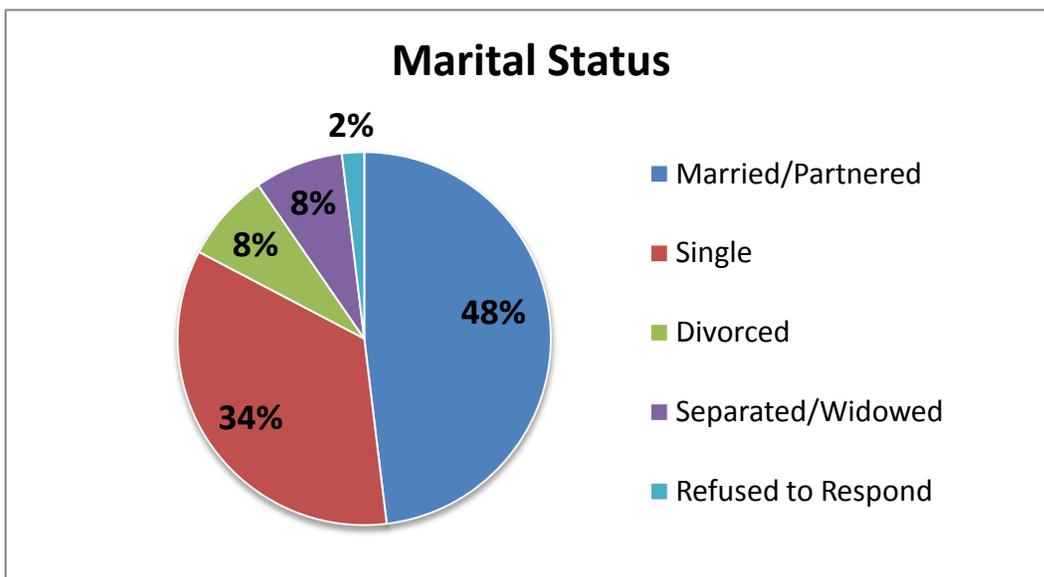
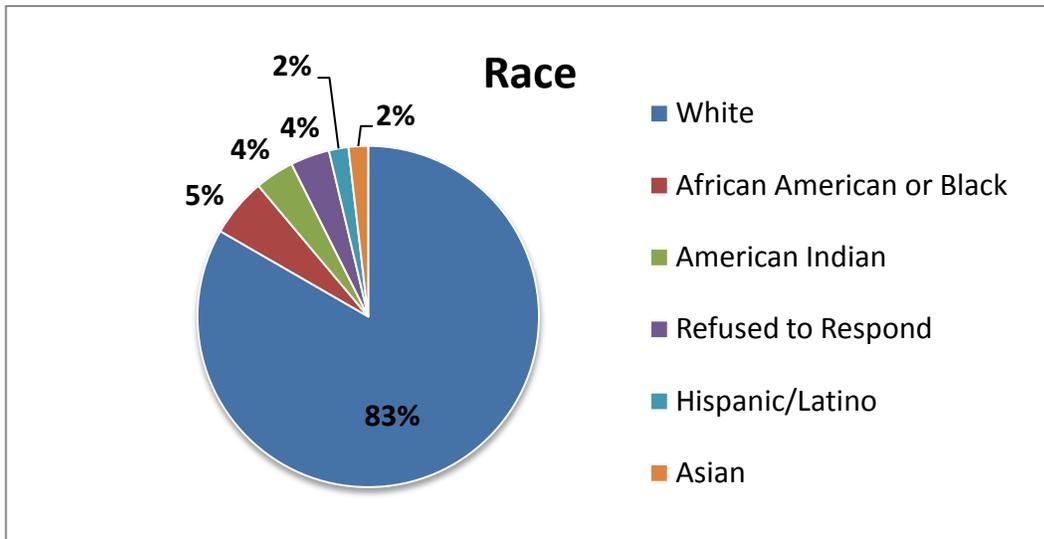
Sixty percent of the participants in the program were female. Educational attainment among the participants varied widely, with the greatest

number of participants having finished 12<sup>th</sup> grade or completed their GED (31%), followed by those who had completed some college (21%).



The majority of the participants in the Middle Years parent education class were white (83%)

and the most common marital status was married or partnered (48%).



## Pre-Post Survey Results

This study used a pre- and post-test evaluation, in which the participants were asked to answer two identical surveys—one given at the first session of the class and another given after the completion of the last parenting class. The survey included ten questions about parenting attitudes, behaviors, and knowledge designed to

capture some of what was taught in the class. The pre- post-study design allows researchers to see if attitudes, behaviors, and knowledge change during the course of the workshop. Using this type of research design does not allow one to determine whether taking part in the parent education class *caused* a change in knowledge, attitude or behaviors;

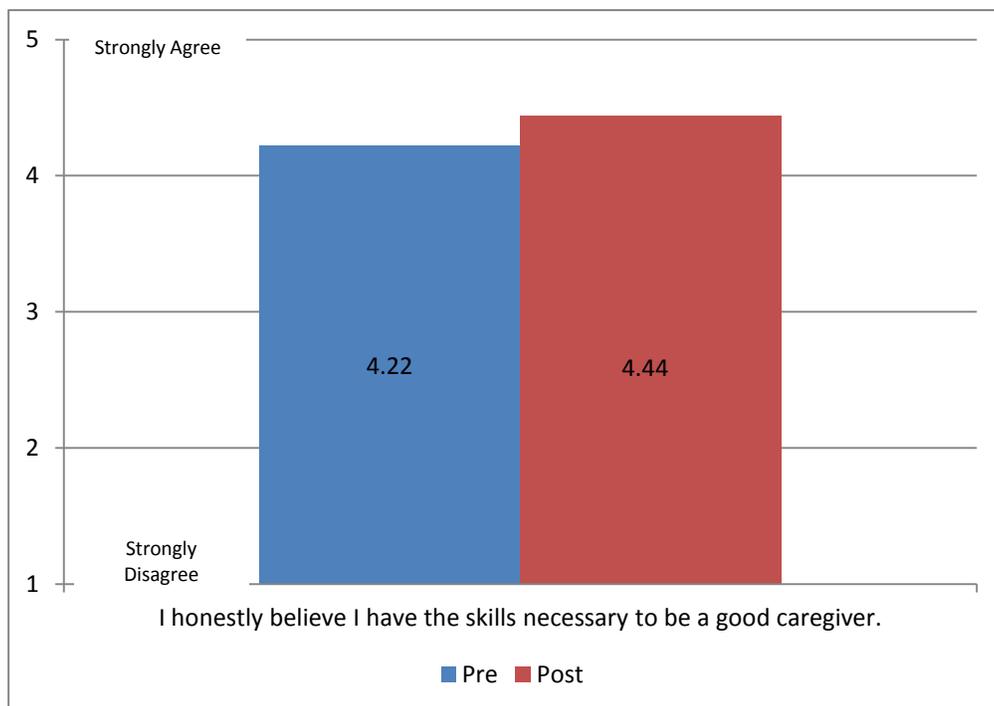
such changes could occur for other reasons outside of the workshop. However, it is possible that any significant pre-to-post changes in parenting attitudes, behaviors and knowledge that are observed may have resulted from taking part in the program.

The following evaluation is based on information provided by 45 participants, who completed their program and completed both a pre- and a post-test survey. Two of the ten measures tested showed significant improvements from the pre- to the post-test. Specifically, participants of the Middle Years parent education programs reported increased confidence in having the skills

necessary to be a good caregiver, and increases in the amount of time spent reading with their child.

A p-value generated from a paired t-test was used as a statistical measure to determine whether a change in a given survey question between the pre- and post-test was significant. A p-value of .10 or less was considered statistically significant, and means that we can be 90% sure that the pre-to-post changes in participant responses are not due to chance.

In comparing participants' pre- and post-test survey results, the following questions showed statistically significant changes.





These results indicate that two out of ten measures of parenting attitudes, behaviors and knowledge improved significantly from the pre- to the

post-test, highlighting areas in which Middle Years parent education programs may have had a positive impact on their participants.

**Visit the *Parenting in Context* project at:**

<http://www.human.cornell.edu/pam/outreach/parenting/>

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