



## **Outcomes of Participants in Cornell Cooperative Extension Parent Education Programs in Lewis County 2021-2022**

By Julia Chapman & Kimberly Kopko

Cornell Cooperative Extension (CCE) of Lewis County 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 report presents data collected from participants in Lewis County CCE parent education programs from August 2021 to July 2022. Participants included parents and caregivers who participated in

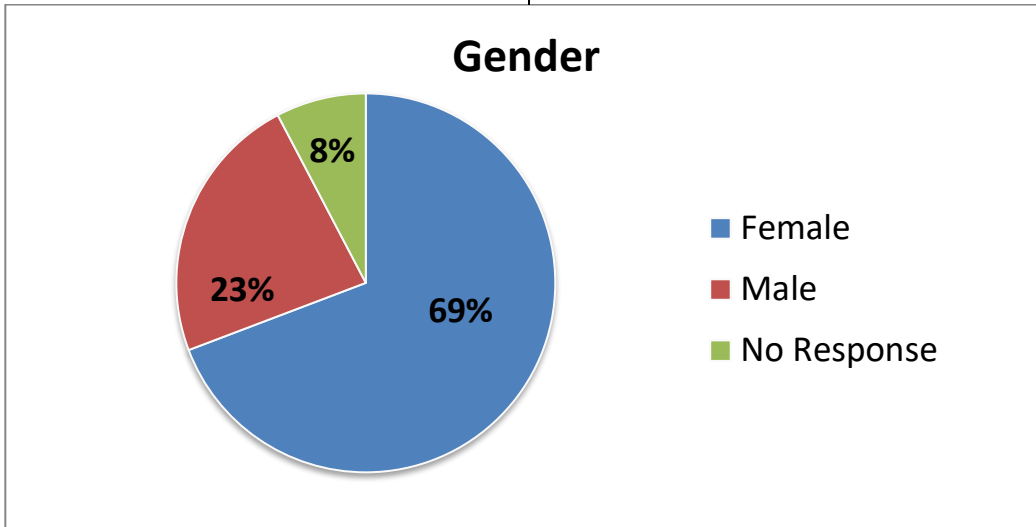
programs comprised of at least six hours of content delivery. Data were collected from participants at the first session (a pre-test) and at the last session (a post-test). Results of the analysis of these data are shown below.

### **Demographics of Participants in Programs in Lewis County, New York**

One program was evaluated in Lewis County, with all participants involved in the Home Visitation program

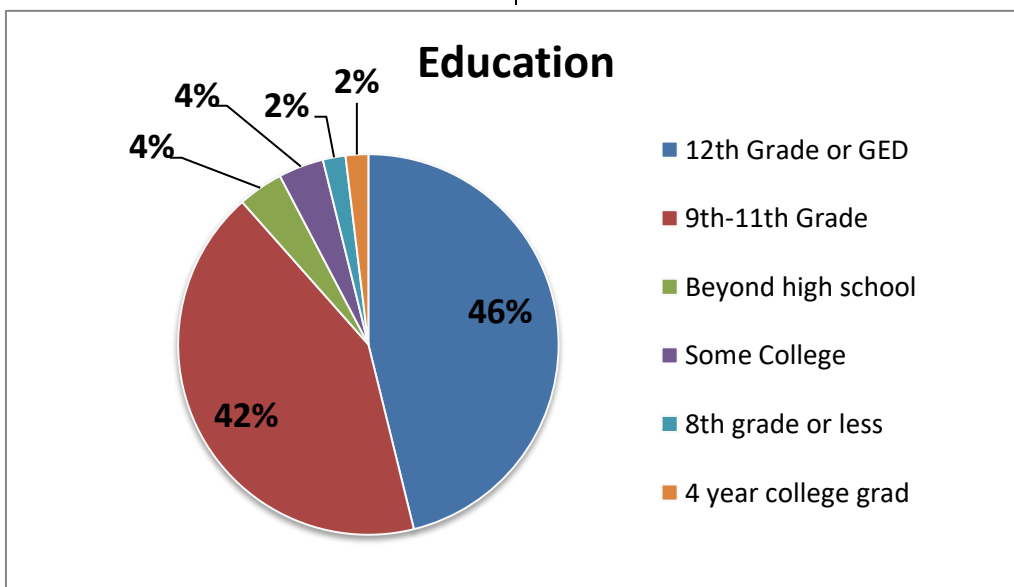
The following summaries use data from 52 participants who completed a pre-test survey given at the first session of their parent education class.

The majority of participants in the Lewis County CCE parenting classes were female (69%).



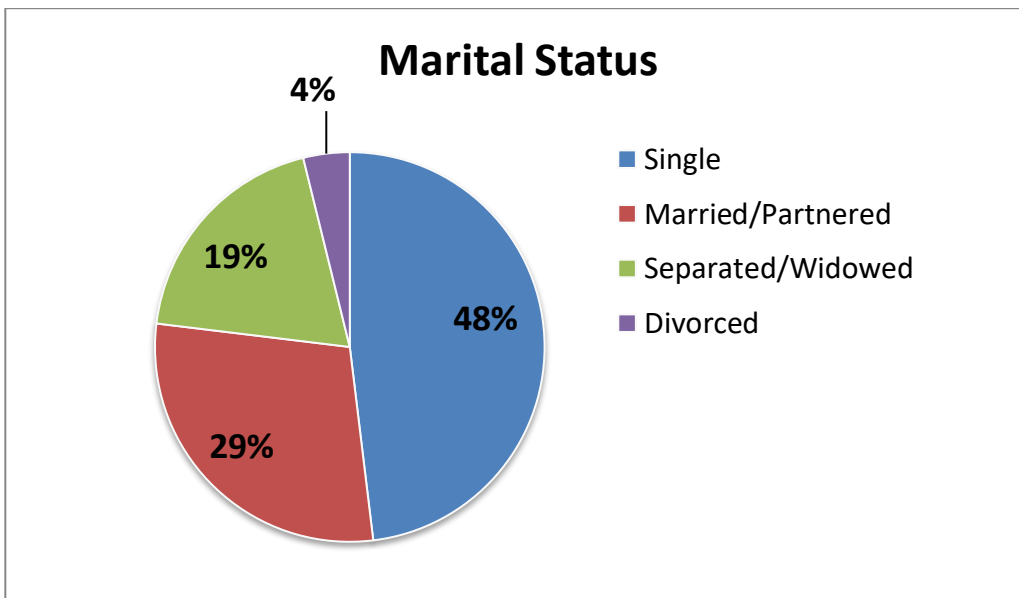
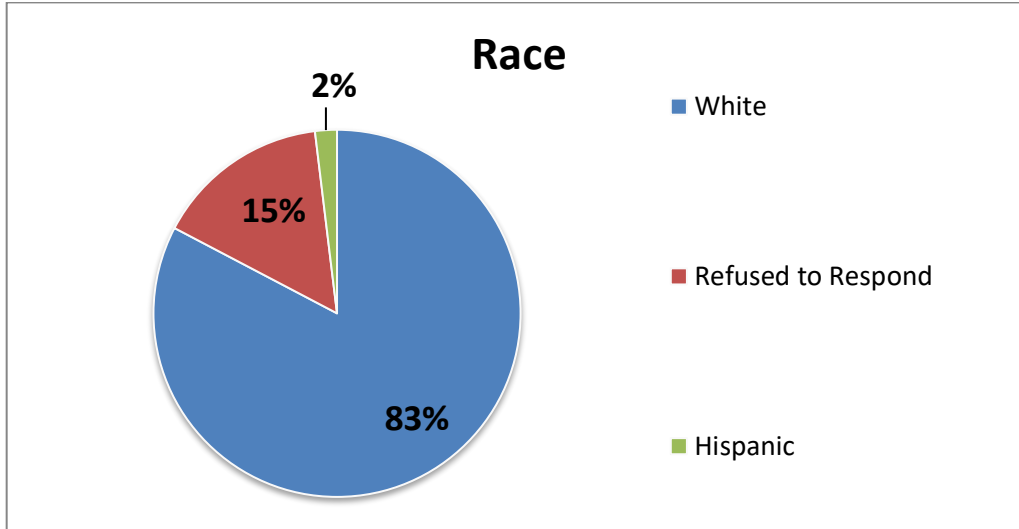
Educational attainment among the participants varied widely, with the greatest number of participants having completed 12<sup>th</sup> grade or received their

GED (46%), followed by those who had completed between 9<sup>th</sup> and 11<sup>th</sup> grade (42%).



The majority of the participants in Lewis County CCE parent education

classes were White (83%) and 48% were single.



## Pre-Post Survey Results

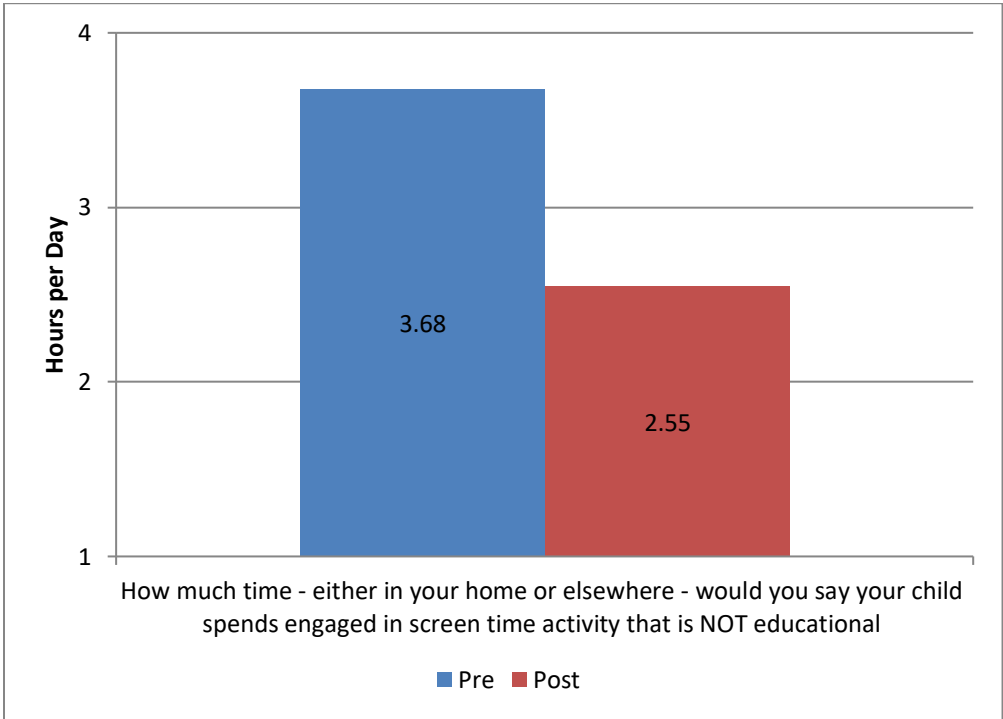
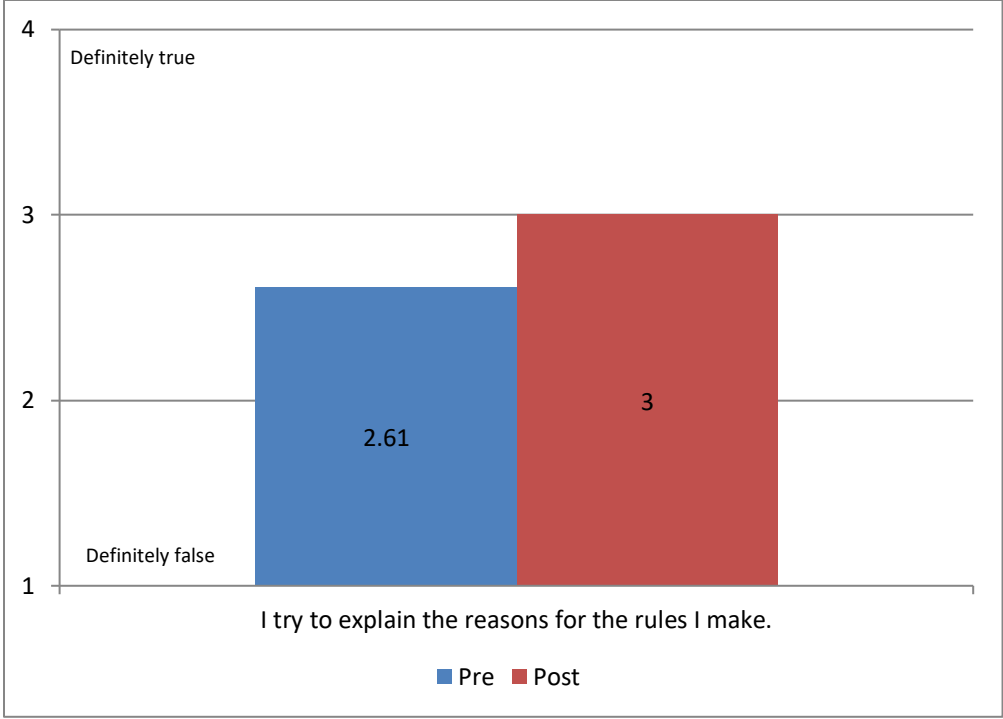
This evaluation used a pre- and post-test in which participants were asked to answer two identical surveys—one given at the first class session and another given after the completion of the last parenting class. The survey included ten questions about parenting attitudes, behaviors, and knowledge designed 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 attitudes, behaviors and knowledge; 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 48 participants who completed their program and completed both a pre- and

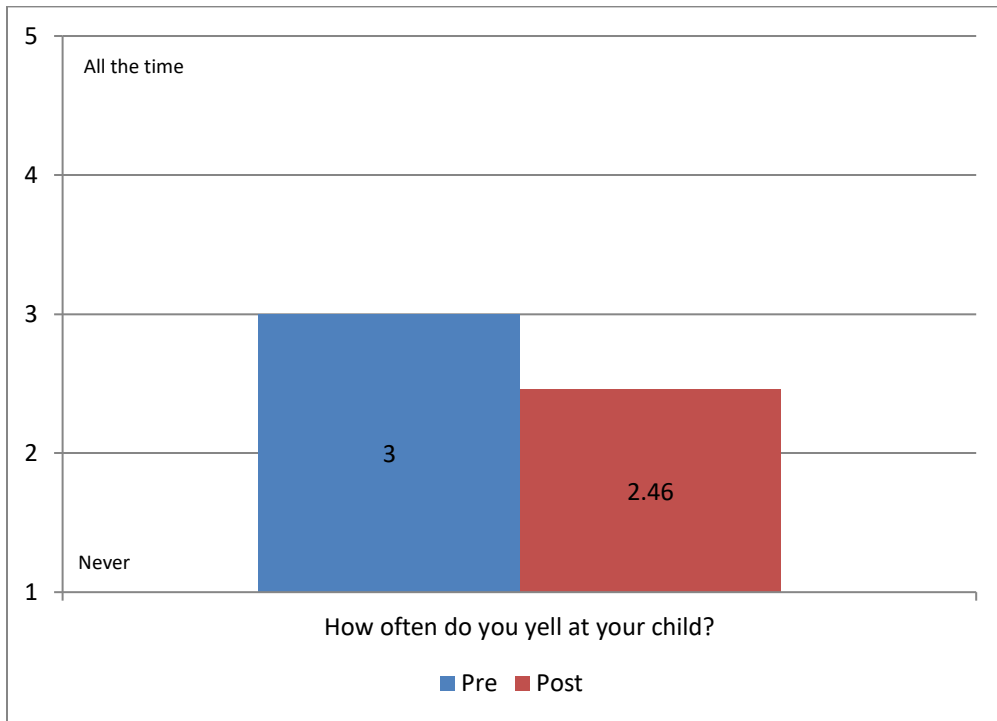
a post-test survey. Five of the ten measures tested showed significant improvements from the pre- to the post-test. Specifically, CCE parent education participants reported increases in: their confidence in explaining the reasons for the rules they make, the amount of patience they have with their child, and their confidence in making rules that take their child's individual needs into consideration. Participants reported decreases in: the amount of time their child spends engaged in non-educational screen time activities and in how often they yell at 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% certain that the pre-to-post changes in participant responses are not due to chance.

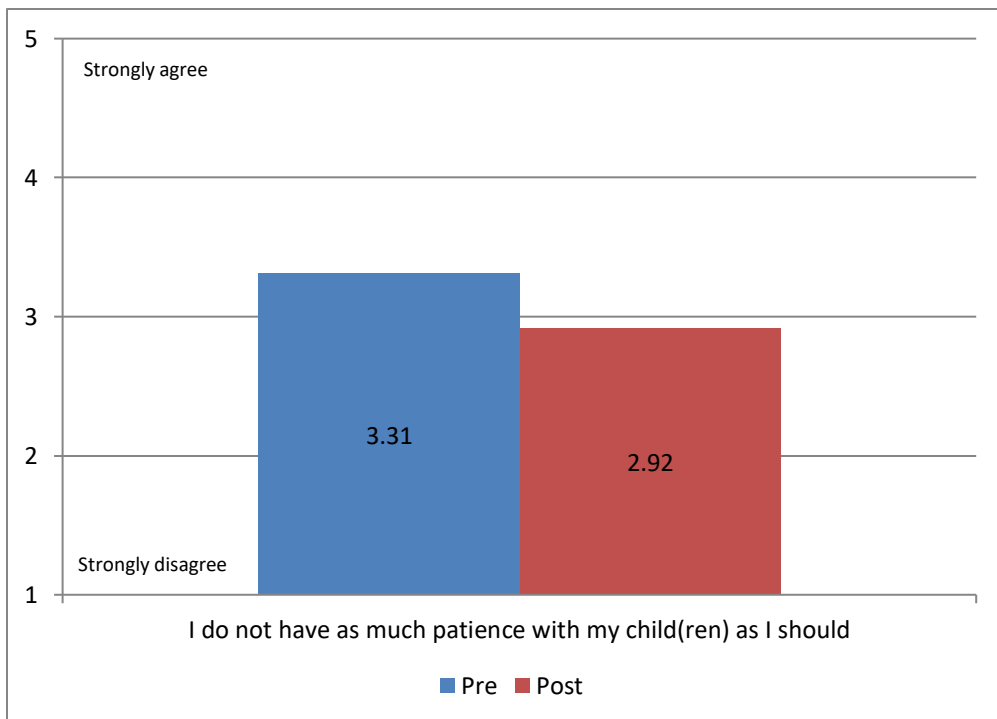
In comparing participants' pre- and post-test survey results, the following questions showed statistically significant changes at the 1% level.

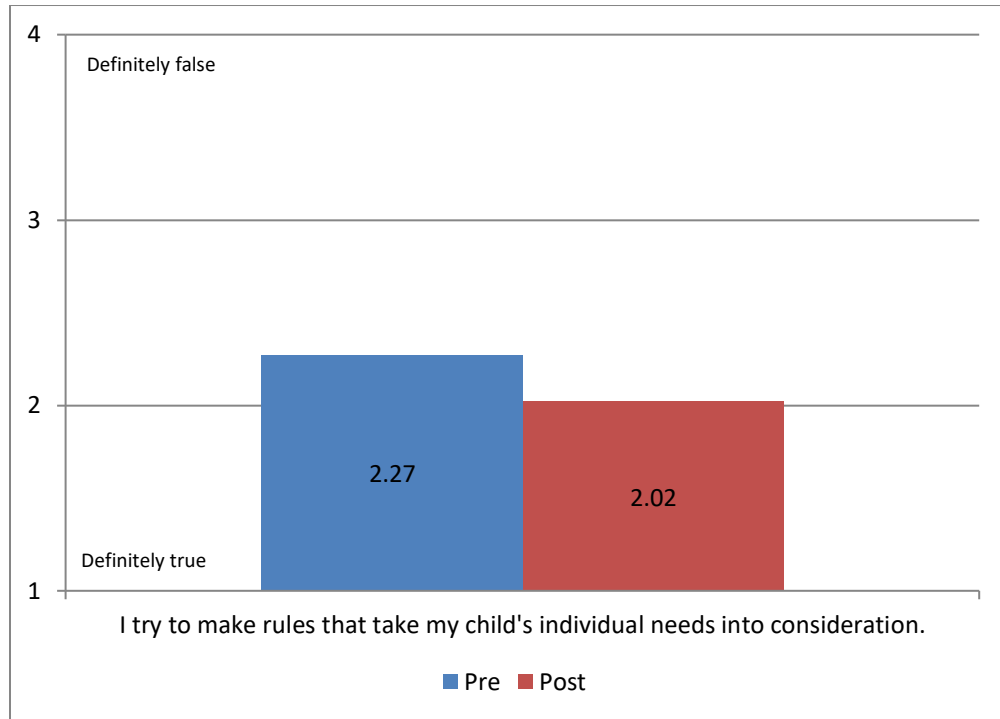


In comparing participants' pre- and post-test survey results, the following question showed statistically significant changes at the 5% level.



In comparing participants' pre- and post-test survey results, the following questions showed statistically significant changes at the 10% level.





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

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

Visit the [Parenting Project](#) website

*This work was supported by Cornell Cooperative Extension (Smith Lever funds) received from Cooperative State Research, Education, and Extension Service, U.S. Department of Agriculture. Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture*

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