Child Care Administrative Data Analysis Cooperative Agreements: 2013 Grantees

Maryland State Department of Education

Project Title:
Facilitating Continuity in Subsidized Care within Maryland

Principal Investigator:
Candy M. Miller, Division of Early Childhood Development

Research Partners:
Nicole Forry, Child Trends, and John Spears, RESI of Towson

Project Funding Years:
2013-2016

Project Abstract:
The proposed project will accomplish three objectives: 1) describe longitudinal patterns in subsidy continuity within Maryland, 2) examine the association between continuity in subsidized care arrangements and the use of high quality care, and 3) analyze the association between new guidance regarding the administration of subsidy redetermination periods and subsidy spell length.

Specifically, this project will answer the following research questions: 1) What patterns emerge when examining the continuity of subsidy spells? Do these continuity patterns differ across child, family, and community characteristics? 2) Do children in accredited subsidized care arrangements remain in these providers' care longer than children in non-accredited subsidized arrangements? 3) Does the median length of subsidy spells differ before and after implementation of new guidance regarding 12 month redetermination administrative practices?

Research questions will be addressed through the analysis of linked child care subsidy administrative data and provider licensing/accreditation data from June 2007- January 2016. These data will be analyzed using rigorous analytic techniques, including person-centered analyses, propensity score matching, and difference-in-differences analyses. Results will be disaggregated by subgroups that are of interest to state policymakers and child care subsidy administrators.

Oklahoma Department of Human Services

Project Title:
Development & Validation of the Oklahoma School Readiness Reach-by-Risk Index (SRR²I)

Principal Investigator(s):
Naneida Lazarte-Alcalá & Krista Schumacher

Project Funding Years:
2013-2016

Project Abstract:
Applying a selection of multivariate statistical methods and using administrative data from several state agencies and providers of early childhood education and support programs, this project aims to: (1) identify gaps in the availability of quality early childhood education and family service programs across Oklahoma, (2) determine the effect of Child Care and Development Fund (CCDF) child care subsidies on school readiness, and (3) investigate changes in the profile of families who receive subsidies. The study is intended to inform policy decision-making and resource allocation by addressing several problems related to early childhood education and child care. These problems include attempting to effectively distribute early childhood education resources statewide without the benefit of a comprehensive and complete picture of needs and services at the county level; limited knowledge of the effect of CCDF subsidized child care on school readiness and whether children with higher

risk factors for school un-readiness benefit equally or more so than children with fewer risk factors; an incomplete understanding of who benefits the most from CCDF benefits compared to who is accessing benefits; and limited knowledge of the extent to which reductions in the CCDF program affected access by those most in need.