

Child Care & Early Education **RESEARCH CONNECTIONS**

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National Survey of Early Care and Education (NSECE) Bibliography

This bibliography lists resources in the *Research Connections* collection related to the National Survey of Early Care and Education and is intended as a reference tool for researchers and policymakers. It is divided into sections: data sets; user guides, training webinars, and methodological reports; official research findings; studies using NSECE data; and instruments. Within each section resources are listed alphabetically by author and then by year and title.



Data Sets

NSECE Project Team (National Opinion Research Center). National Survey of Early Care and Education (NSECE), 2012. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2017-09-27. <https://doi.org/10.3886/ICPSR35519.v9>

User Guides, Training Webinars, and Methodological Reports

Bleckman, J., & Datta, A. (2015). *NSECE webinar 1: Study design, sampling, and public release of the National Survey of Early Care and Education*. (NSECE Webinar Series, Part 1). New York: Child Care & Early Education Research Connections.

This webinar on the National Survey of Early Care and Education (NSECE) presents an overview of the study design, a guide to the study's data files, a guide to data file documentation, and a description of the key features of each of the four main NSECE surveys, namely the household, home-based providers, center-based providers, and classroom-assigned center-based workforce surveys.

Bleckman, J., & Datta, A. (2015). *NSECE webinar 1: Study design, sampling, and public release of the National Survey of Early Care and Education [PowerPoint]*. (NSECE Webinar 1). New York: Child Care & Early Education Research Connections.

This set of powerpoint slides accompanies a webinar on the National Survey of Early Care and Education (NSECE), which presents an overview of the study design, a guide to the study's data files, a guide to data file documentation, and a description of the key features of each of the four main NSECE surveys, namely the household, home-based providers, center-based providers, and classroom-assigned center-based workforce surveys.

Bleckman, J., & Datta, A. (2015). *NSECE webinar 2: Key definitions and sample characteristics*. (NSECE Webinar Series, Part 2). New York: Child Care & Early Education Research Connections.

The second webinar uses publicly available documents to explain key definitions and sample characteristics for each of the four main NSECE data files (Household, Home-based ECE Provider, Center-based ECE Provider, classroom-assigned Center-based ECE Workforce). This webinar helps researchers beginning to work with the NSECE data understand some key characteristics of the data before they conduct analyses. (author abstract)

Bleckman, J., & Datta, A. (2015). *NSECE webinar 2: Key definitions and sample characteristics [PowerPoint]*. (NSECE Webinar II). New York: Child Care & Early Education Research Connections.

The second webinar uses publicly available documents to explain key definitions and sample characteristics for each of the four main NSECE data files (Household, Home-based ECE Provider, Center-based ECE Provider, classroom-assigned Center-based ECE Workforce). This webinar helps researchers beginning to work with the NSECE data understand some key characteristics

of the data before they conduct analyses. (author abstract)

Bowman, M., & Datta, A. (2010). *Design phase of the National Study of Child Care Supply and Demand (NSCCSD): Cognitive interview findings report for home-based provider questionnaire*. Chicago: NORC.

A discussion of the methodology of the design and content of a questionnaire to survey home-based child care providers for their participation in the assessment of the national supply of child care.

Bowman, M., Datta, A., & Yan, T. (2010). *Design phase of the National Study of Child Care Supply and Demand (NSCCSD): Cognitive interview findings report for demand questionnaire*. Chicago: NORC.

A presentation of the development and content of a survey for the assessment of parental demand.

Datta, A. (n.d.). *Looking forward to the proposed 2019 National Survey of Early Care and Education -- An overview [PowerPoint]*. Unpublished webinar slides.

This pre-recorded webinar outlines the proposed plans for the 2019 NSECE, now including the household and unlisted home-based provider samples, as well as the previously planned listed home-based provider, center-based provider, and center-based workforce samples. It includes an overview of the proposed timeline, research goals, data collection plans, and planned analytic data products.

Datta, A. (2015). *Digging into the NSECE: Exploiting the potential of the household and provider data from the National Survey of Early Care and Education (NSECE): Populating the calendar file (CAPI demo)*. New York: Child Care & Early Education Research Connections.

This video presentation provides a Computer Assisted Personal Interview (CAPI) demo used to capture non-parental child care provision data to populate the calendar file used in the National Survey of Early Care and Education (NSECE).

Datta, A. (2015). *Digging into the NSECE: Exploiting the potential of the household and provider data from the National Survey of Early Care and Education (NSECE): Prices and cost in the NSECE*. New York: Child Care & Early Education Research Connections.

This video presentation discusses price and cost definitions as related to those used in the National Survey of Early Care and Education (NSECE).

Datta, A. (2015). *Digging into the NSECE: Exploiting the potential of the household and provider data from the National Survey of Early Care and Education (NSECE): Using household and provider data to measure enrollment, usage*. New York: Child Care & Early Education Research Connections.

This video presentation discusses the availability and potential uses of the non-parental care usage and enrollment data found in the National Survey of Early Care and Education's (NSECE) household and provider data files. The following topics are examined: usage definition; types of variables provided; data set usage (household or provider); considerations in choosing a data

file; and advantage comparisons to using each dataset.

Datta, A. (2016). *What can we learn about ECE arrangements in the NSECE Household Survey*. Chicago, IL: NORC.

The Household Survey of the National Survey of Early Care and Education includes extensive data about early care and education (ECE) arrangements used by a nationally representative sample of households in winter/spring 2012. Available arrangement-level data include: type of care, location of care, distance of care from the household's residence, cost to parents for the care, and information about the schedule of care used in a reference week. Because multiple arrangements were collected for each child and data are collected for all children under age 13 in the household, data are also available about how many arrangements each child uses, how many children in a household share an arrangement, or how many different providers a household uses. The webinar "What can we learn about ECE arrangements in the NSECE Household Survey" will provide an overview of arrangement-level information in the National Survey of Early Care and Education, including data on geography, cost, type of care, and schedule, and how to match arrangements across providers or children within a household. (author abstract)

Datta, A. (2016). *What can we learn about ECE arrangements in the NSECE Household Survey [PowerPoint]*. Unpublished webinar slides.

This PowerPoint presentation accompanies a webinar that provides an overview of key arrangement attributes from the National Survey of Early Care and Education Household Survey. Available data include type of care, cost of care, schedule of care, and distance between household and arrangement. Special issues such as school-age children, household-level information, and parent-like relationships are also addressed.

Datta, A. (2017). *NSECE webinar: Defining type of care in the NSECE*. Chicago, IL: NORC.

This webinar discusses type of care definitions as related to those used in the National Survey of Early Care and Education (NSECE) data files, particularly the Household Survey, the Center-Based Provider Survey, and the Home-Based Provider Survey. It presents a brief overview of the NSECE design, which provides researchers with some flexibility in defining type of care for various analyses. Similarities and differences in types of care across data files are also addressed.

Datta, A. (2017). *NSECE webinar: Defining type of care in the NSECE [PowerPoint]*. Unpublished webinar slides.

This PowerPoint presentation accompanies a webinar that discusses type of care definitions as related to those used in the National Survey of Early Care and Education (NSECE) data files, particularly the Household Survey, the Center-Based Provider Survey, and the Home-Based Provider Survey. It presents a brief overview of the NSECE design, which provides researchers with some flexibility in defining type of care for various analyses. Similarities and differences in types of care across data files are also addressed.

Datta, A. (2018). *Looking forward to the proposed 2019 National Survey of Early Care and Education -- An overview*. Chicago, IL: NORC.

This pre-recorded webinar outlines the proposed plans for the 2019 NSECE, now including the household and unlisted home-based provider samples, as well as the previously planned listed home-based provider, center-based provider, and center-based workforce samples. It includes an overview of the proposed timeline, research goals, data collection plans, and planned analytic data products.

Datta, A. (2018). *Looking forward to the proposed 2019 National Survey of Early Care and Education overview: A state perspective*. Chicago, IL: NORC.

This webinar was recorded on May 24, 2018 and provides an overview of opportunities for additional state participation in the 2019 NSECE, including: supplementing the national data collection sample for their state, provider sample frame supplementation, and state administrative subsidy data linkages. For more information, including a handout that provides more detail, please email nsece@norc.org

Datta, A. (2018). *Looking forward to the proposed 2019 National Survey of Early Care and Education overview: A state perspective [PowerPoint]*. Unpublished webinar slides.

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Datta, A. (2018). *What can we learn from licensing and other child care provider lists?*. Chicago, IL: NORC.

This webinar examines research possibilities related to the use of child care provider lists. It also addresses the process of acquiring accurate provider counts, presenting an example from the National Survey of Early Care and Education (NSECE). Selected analysis ideas are included.

Datta, A. (2018). *What can we learn from licensing and other child care provider lists? [PowerPoint]*. Unpublished webinar slides.

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Datta, A., & Bowman, M. (2010). *Design phase of the National Study of Child Care Supply and Demand (NSCCSD): Cognitive interview findings report for center-based provider questionnaire*. Chicago: NORC.

A discussion of the methodology of the design and content of a questionnaire to survey center-based child care providers for their participation in the assessment of the national supply of child care.

Datta, A., & Connelly, J. (2015). *Digging into the NSECE: Exploiting the potential of the household and provider data from the National Survey of Early Care and Education (NSECE): Type of care in the NSECE*. New York: Child Care & Early Education Research Connections. *This video presentation discusses definitions of specific types of care, along with samples used in the National Survey of Early Care and Education (NSECE).*

Datta, A., Gelatt, J., & Sandstrom, H. (2018). *NSECE webinar: Levels of geography in the NSECE [PowerPoint]*. Unpublished webinar slides.

The NSECE data files include extensive geographic data about sampled providers and households, the communities in which those providers and households are located, and other characteristics such as distances. The goal of this webinar is to support current and potential users of the NSECE data. It covered: -- what geographic information NSECE has available in different files (e.g. public and restricted-use files) -- possible uses of geographic data to support different types of analyses -- illustrations of sample sizes for state-specific analyses and other levels of geography -- how reporting requirements minimize disclosure risk (i.e. analysis can be conducted at the state level, but only reported at the national level) -- what other resources are available for users interested in using geographic information in the NSECE. (author abstract)

Datta, A., Goerge, R., & Witte, A. D. (2010). *Design phase of the National Study of Child Care Supply and Demand (NSCCSD): Final recommendations for the center-based provider questionnaire*. Chicago: NORC.

Recommendations for the improvement of the design and content of a survey instrument for the assessment of the national supply of center-based child care services.

Datta, A., Goerge, R., & Witte, A. D. (2010). *Design phase of the National Study of Child Care Supply and Demand (NSCCSD): Final recommendations for the home-based provider questionnaire*. Chicago: NORC.

Recommendations for the improvement of the design and content of a survey instrument for the assessment of the national supply of home-based child care services, including comments of changes to the actual survey.

Datta, A., Goerge, R., & Yan, T. (2010). *Design phase of the National Study of Early Child Care Supply and Demand (NSECCSD): Final report*. Chicago: NORC.

A description of a proposed design for a study on the functions of supply and demand in the child care market, including a discussion of public policy questions addressed through the implementation of the proposed study.

Datta, A., Goerge, R., Yan, T., & Bowman, M. (2010). *Design phase of the National Study of Child Care Supply and Demand (NSCCSD): Final recommendations for the demand questionnaire*. Chicago: NORC.

Recommendations for the improvement of the design and content of a survey instrument for the assessment of the parents' demand for child care services across the United State.

Datta, A., & Milesi, C. (2017). *NSECE webinar: Schedules of work and child care in the NSECE*. Chicago, IL: NORC.

This webinar examines key components of the National Survey of Early Care and Education (NSECE) Household Survey, with particular focus on adult calendar data content. It considers research issues regarding parental employment that may be addressed using household calendar data. Examples of basic constructs derived from the adult calendar are presented.

Datta, A., & Milesi, C. (2017). *NSECE webinar: Schedules of work and child care in the NSECE [PowerPoint]*. Unpublished webinar slides.

This PowerPoint presentation accompanies a webinar that examines key components of the National Survey of Early Care and Education (NSECE) Household Survey, with particular focus on adult calendar data content. It considers research issues regarding parental employment that may be addressed using household calendar data. Examples of basic constructs derived from the adult calendar are presented.

Datta, A., Milesi, C., & Gelatt, J. (2018). *NSECE webinar: Levels of geography in the NSECE*. Chicago, IL: NORC.

The NSECE data files include extensive geographic data about sampled providers and households, the communities in which those providers and households are located, and other characteristics such as distances. The goal of this webinar is to support current and potential users of the NSECE data. It covered: -- what geographic information NSECE has available in different files (e.g. public and restricted-use files) -- possible uses of geographic data to support different types of analyses -- illustrations of sample sizes for state-specific analyses and other levels of geography -- how reporting requirements minimize disclosure risk (i.e. analysis can be conducted at the state level, but only reported at the national level) -- what other resources are available for users interested in using geographic information in the NSECE. (author abstract)

Milesi, C. (2015). *Digging into the NSECE: Exploiting the potential of the household and provider data from the National Survey of Early Care and Education (NSECE): Age of child in the NSECE*. New York: Child Care & Early Education Research Connections.

This video presentation examines both definition distinctions concerning age of child and types of care used in the National Survey of Early Care and Education (NSECE).

National Survey of Early Care and Education Project Team. (2013). *National Survey of Early Care and Education: Summary data collection and sampling methodology*. (NSECE Research Brief, OPRE Report 46). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

An overview of the sample design and data collection of the National Survey of Early Care and Education, a study of the availability and utilization of early care and education in the United States.

National Survey of Early Care and Education Project Team. (2015). *Center-Based Provider Survey [PowerPoint]*. (NSECE Downloadable Presentation III). Washington, DC: U.S.

Administration for Children and Families, Office of Planning, Research, and Evaluation.

This presentation focuses on the Center-Based Provider Survey used in the NSECE. Examined aspects of the survey include data collection, topics covered by the survey, provider data, survey respondents, levels of observation, and key differences across the categories of survey files.

National Survey of Early Care and Education Project Team. (2015). *Data files and documentation [PowerPoint]*. (NSECE Downloadable Presentation II). Washington, DC: U.S.

Administration for Children and Families, Office of Planning, Research, and Evaluation.

The slides of this presentation provide information on the structure and use of the dataset of the National Survey of Early Care and Education (NSECE). The data files and documentation are described in detail in this tutorial. The slides will describe the type of variables available in each of the five categories of data files the NSECE will offer: Quick Tabulation, Public Use, Level 1 Restricted-Use Questionnaire, Level 2 Restricted-Use Geographic, and Level 3 Restricted-Use Identifying. In addition, types of documentation and the information they contain is described.

National Survey of Early Care and Education Project Team. (2015). *Home-Based Provider Survey [PowerPoint]*. (NSECE Downloadable Presentation V). Washington, DC: U.S.

Administration for Children and Families, Office of Planning, Research, and Evaluation.

This presentation focuses on the Home-Based Provider Survey used in the NSECE. Examined aspects of the survey include sample sources and classification, data collection, topics covered by the survey, provider data, survey respondents, levels of observation, and key differences across the categories of survey files.

National Survey of Early Care and Education Project Team. (2015). *Household Survey [PowerPoint]*. (NSECE Downloadable Presentation VI). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research, and Evaluation.

This presentation focuses on the Household Survey used in the NSECE. Examined aspects of the survey include data collection, topics covered by the survey, household data, survey respondents, levels of observation, and key differences across the categories of survey files.

National Survey of Early Care and Education Project Team. (2015). *Overall study design and sampling approach [PowerPoint]*. (NSECE Downloadable Presentation I). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research, and Evaluation.

This tutorial covers the overall study design and sampling approach of the NSECE. Discussion focuses on the sample sources and the four NSECE surveys at the foundation of the NSECE data collection design, including topics such as sample sizes, the use of provider clusters, geographic characteristics available, and the importance of weighting due to the study design.

National Survey of Early Care and Education Project Team. (2015). *Workforce Survey [PowerPoint]*. (NSECE Downloadable Presentation IV). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research, and Evaluation.

This presentation focuses on the Workforce Survey used in the NSECE. Examined aspects of the survey include data collection, topics covered by the survey, workforce data, survey respondents, levels of observation, and key differences across the categories of survey files.

National Survey of Early Care and Education Project Team. (2018). *Constructing center-based cluster-level metrics to use in household level analysis: A tutorial for NSECE data*. Chicago, IL: NORC.

This tutorial illustrates the process of creating cluster-level aggregates using Center-based providers and how these metrics are integrated into the NSECE Household dataset for analysis. (author abstract)

National Survey of Early Care and Education Project Team., Gibbs, C., & Goerge, R. (2016). *NSECE documentation of 2011 state-level variation in lists of providers of early care and education*. Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

The National Survey of Early Care and Education (NSECE) sample design called for construction of a national sampling frame of early care and education (ECE) center-based and home-based providers. The construction involved both national lists of ECE providers as well as lists collected from state agencies from all 50 states and the District of Columbia. This document specifies the lists, with their definitions, that were collected and incorporated into the NSECE provider sampling frame. Although there is some modest variation across lists for center-based ECE providers, the variation for home-based ECE lists is much greater. The definitions of home-based provider lists are also relevant because of the treatment of home-based ECE within the NSECE design. The NSECE Home-based Provider Survey supports estimates for two home-based provider populations: listed and unlisted. Listed providers are those who appeared on state and national lists gathered to build the national provider sampling frame. The project team collected all home-based provider lists maintained by each state (and the District of Columbia), but the types of lists maintained by each state differed. Some differences in states' list-keeping are due to definitional differences, for example, whether or not there is a 'licensed' or 'registered' status for home-based providers within the state, and some are due to differences in listing policies, for example, whether or not the state maintains lists of exempt providers or those who are receiving CCDF subsidies but have no other interaction with the child care licensing system in that state. This document enumerates for each state its provider definitions and the lists it maintained at the time that the NSECE lists were collected from that state in the spring or summer of 2011. All enumerated lists were included in the NSECE provider frame and home-based providers sampled from those lists are classified as 'listed' in the NSECE Home-based Provider data. (author abstract)

NORC. (n.d.). 2019 National Survey of Early Care and Education: State supplement opportunities. Chicago, IL: NORC.

First, this brochure describes the potential uses of 2019 National Survey of Early Care and Education (NSECE) data in state-specific and multi-state research. Next, it presents a menu of options for states wishing to provide supplemental funding for additional data collection. Lastly, it presents five tables in which states are categorized into sample-size categories of the providers and households in the 2012 NSECE.

NORC. (2016). Design-corrected variance estimation of NSECE statistics. Chicago, IL: NORC.

This brief describes the sampling techniques used in the collection of statistical data for the National Survey of Early Care & Education (NSECE), and provides information regarding the proper use of weighting to obtain valid inferences for statistics of interest such as percentages, means, totals, ratios, and regression coefficients. Two calculation examples are provided in Stata: a calculation of the total number of children enrolled by single age category, and a calculation of percent of programs by single age category.

NORC. (2016). PSU and cluster weights user guide. Chicago, IL: NORC.

This document is relevant for researchers interested in using the National Survey of Early Care and Education (NSECE) to carry out analysis of local-level interaction of supply and demand of early care and education. This user guide briefly describes key elements of the NSECE sampling methodology, including Primary Sampling Units (PSU) for the household and listed center-based and home-based providers, Secondary Sampling Units (SSU) for the household sample, and the Provider Cluster. The user guide explains how to create PSU- and cluster-level aggregate measures and how to appropriately use PSU and Provider Cluster Weights to generate estimates for sub-national geographic areas.

United States. Administration for Children and Families. Office of Planning, Research and Evaluation. (2009). Design phase: National Study of Child Care Supply and Demand--2010: Literature review and summary. Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

A review of studies on child care supply and demand for children ages birth through 13 conducted at the local, state, and national levels, and a discussion of the changing labor market and demographics of child care.

United States. Administration for Children and Families. Office of Planning, Research and Evaluation. (2009). Design phase of the National Study of Child Care Supply and Demand (NSCCSD): Feasibility test report. Chicago: NORC.

A description of the method used to evaluate the feasibility of the National Study of Child Care Supply and Demand, including an assessment of the study to answer its research questions while remaining within budget constraints.

Wolter, K., Bowman, M., Datta, A., Goerge, R., Welch, Jr., V., & Yan, T. (2010). *Design phase of the National Study of Child Care Supply and Demand (NSCCSD): Revised sampling report and addendum*. Chicago: NORC.

A presentation of alternate designs of sampling methods for achieving a representative number of sample respondents for the assessment of the supply and demand of the national child care market.

Official Research Findings

National Survey of Early Care and Education Project Team. (2013). *Number and characteristics of early care and education (ECE) teachers and caregivers: Initial findings from the National Survey of Early Care and Education (NSECE)*. (NSECE Research Brief, OPRE Report 38). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

Findings from the National Survey of Early Care and Education, a study of the availability and utilization of early care and education in the United States, that examine workforce size, program sponsorship, educational attainment, wages, health insurance, and years of experience, based on questionnaires from more than 10,000 center- and home-based providers.

National Survey of Early Care and Education Project Team. (2014). *Characteristics of center-based early care and education programs*. (OPRE Report No. 2014-73b). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

This fact sheet provides the first nationally representative portrait of center-based early care and education (ECE) in more than 20 years, using data from the newly available National Survey of Early Care and Education (NSECE). We describe ECE programs that serve children age birth to five years, not yet in kindergarten. Key characteristics include enrollment size, ages of children served, revenue sources, auspice and hours of operation. (author abstract)

National Survey of Early Care and Education Project Team. (2014). *Characteristics of center-based early care and education programs: Initial findings from the National Survey of Early Care and Education (NSECE)*. (NSECE Technical Report, OPRE Report 2014-73a). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

In this report we exploit newly available data from the National Survey of Early Care and Education (NSECE) to construct the first nationally representative estimates of all center-based care to children birth through age five years, not yet in kindergarten. We describe center-based early care and education (ECE) programs by such key characteristics as enrollment size, ages of children served, revenue sources, auspice and sponsorship and hours of operation. We also provide national estimates of total children enrolled in these programs. (author abstract)

National Survey of Early Care and Education Project Team. (2014). *Household search for and perceptions of early care and education*. (OPRE Report No. 2014-55b). Washington, DC: U.S.

Administration for Children and Families, Office of Planning, Research and Evaluation.

What do families think of different types of early care and education (ECE) such as center-based programs or care by relatives? How do families search for ECE for their young children? This fact sheet reports preliminary findings from the newly available NSECE Household Survey to provide insight into how parents perceive the ECE arrangements available to them, how and why they search for care, and when searches result in a change in arrangement. (author abstract)

National Survey of Early Care and Education Project Team. (2014). Household search for and perceptions of early care and education: Initial findings from the National Survey of Early Care and Education (NSECE). (NSECE Research Brief, OPRE Report 55a). Washington, DC: U.S.

Administration for Children and Families, Office of Planning, Research and Evaluation.

This brief uses new, nationally representative data from the National Survey of Early Care and Education (NSECE)--funded by the Office of Planning, Research and Evaluation (OPRE) in the Administration for Children and Families (ACF), U.S. Department of Health and Human Services--to describe critical elements in the decision-making process of parents and other caregivers regarding the nonparental care of infants, toddlers, and preschoolers. The NSECE is comprised of four nationally representative surveys that were conducted in 2012. These coordinated surveys were designed to provide in-depth data on multiple dimensions of early care and education (ECE) in the United States, including the availability of ECE, preferences and needs for ECE and school-age care, the use of ECE and school-age care, and a description of the ECE workforce. One of the four surveys--the Household Survey--gathered data from households with young children, while the other three collected data from center-and home-based ECE providers. The NSECE oversampled from low-income areas because the experiences of low-income families are of critical public policy interest. This brief uses data from the Household Survey to provide insight into how parents perceive the ECE arrangements available to them, how and why they search for care, and when searches result in a change in arrangement. (author abstract)

National Survey of Early Care and Education Project Team. (2015). Identifying Head Start and public pre-k participation in NSECE data on center-based ECE programs. (OPRE Report #2015-92b). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

The analyses we present in the Technical Report, "Which Centers Participate in Head Start or Public Pre-Kindergarten" characterize centers that have at least one child whose enrollment is funded through Head Start or Public Pre-K funds. This supplement to the technical report provides interested readers with technical details of the analyses (including additional information about tabulations and definitions used, as well as discussion of features of the data that affect how additional analyses might be undertaken). (author abstract)

National Survey of Early Care and Education Project Team. (2015). *Measuring predictors of quality in early care and education settings in the National Survey of Early Care and Education*. (OPRE Report #2015-93). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

This report, Measuring Predictors of Quality in Early Care and Education Settings in the National Survey of Early Care and Education (NSECE), is intended as a methodological report on how selected predictors of quality can be measured using the NSECE data. It also provides descriptive data for each of the selected predictors of quality. Attributes of early care and education settings that contribute to quality are considered at the level of the individual teacher and caregiver, at the level of the classroom or home-based group, and at the level of the center- and home-based program at a single location. (author abstract)

National Survey of Early Care and Education Project Team. (2015). *Prices charged in early care and education: Initial findings from the National Survey of Early Care and Education (NSECE)*. (OPRE Report 2015-45). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

This brief uses data from the National Survey of Early Care and Education (NSECE) to describe prices charged by center- and home-based providers of early care and education (ECE), as well as the incidence of care that is free to all parents. These data come from both the NSECE Center-Based Provider Survey and the NSECE Home-Based Provider Survey; external data sources were used to classify the locations of the sampled providers. This brief describes the maximum price of full-time care, without any subsidies, that providers were charging families in 2012 (when NSECE interviews were carried out). This "market price" for care is the type of data commonly collected in Market Rate Studies required by the Child Care Development Fund. It is related to, but can be quite different from, the cost of care to parents and providers' costs for providing care. The brief also reports the percent of providers, such as Head Start and publicly funded pre-K programs that provide care free to all the families they serve. In addition to providing national information, we examine how prices and availability of free care vary by community characteristics such as poverty and urbanicity. For center-based programs, we also examine variation by receipt of public funding. In the next section of the brief we describe the NSECE and other data sources for this analysis. We then present estimates for the prevalence of care that is free to all parents, and, for those programs that do charge for care, the distribution of prices for center-based programs. Home-based estimates of these two items follow. We conclude the brief with discussion of the presented estimates and suggestions for further research. (author abstract)

National Survey of Early Care and Education Project Team. (2015). *Provision of early care and education during non-standard hours*. (OPRE Report No. 2015-44). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

Affordability is one of the critical barriers to accessing early care and education (ECE) for many parents and guardians of young children. Another is finding ECE for the days and hours needed. This is particularly true for the many parents and guardians who do not work during "standard" work hours--i.e., 8am to 6pm, Monday through Friday--but who work evenings, overnight shifts, on the weekends, or have varying work schedules that change from week to week or month to

month. This fact sheet uses data from the newly available National Survey of Early Care and Education (NSECE) to describe the flexibility of available ECE in the U.S. Specifically, we provide nationally representative estimates of the percentage of ECE providers serving young children (aged birth through 5 years) who offer services during non-standard hours as well as those who permit parents flexibility in scheduling and in payment for services. Estimates are presented separately for center-based providers as well as three types of home-based providers: 'listed' providers who appear in official state and national lists of ECE services; 'unlisted, paid' providers who are not on official lists but receive payment for caring for children; and 'unlisted, unpaid' providers who are not on official lists and do not receive payment for the care they provide. (author abstract)

National Survey of Early Care and Education Project Team. (2015). Which early care and education centers participate in Head Start or public pre-kindergarten?. (OPRE Report #2015-92a). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation

Newly released data from the National Survey of Early Care and Education provide a unique opportunity to understand Head Start and Public Pre-K offerings within the context of all center-based ECE to children age five and under. These two prominent initiatives involve almost 40 percent of all ECE centers nationally. Most centers receiving any Head Start or Public Pre-K funding are also serving young children through other ECE services such as parent-funded preschool. In fact, 25 percent of centers with Head Start (but no Public Pre-K) funding and 45 percent of centers with Public Pre-K (but no Head Start) funding are also supported with private funds. Fewer than one in five centers with Head Start or Public Pre-K funding are operated by a public school district. The NSECE data indicate that ECE centers nationally are a diverse group in terms of size, auspice, mix of public/private funding, and other characteristics; the same can be said for centers receiving any Head Start or Public Pre-K funds. (author abstract)

National Survey of Early Care and Education Project Team. (2015). Who is providing home-based early care and education?. (OPRE Report No. 2015-43). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

This fact sheet provides the first nationally representative portrait of home-based providers of early care and education using data from the newly available National Survey of Early Care and Education (NSECE). We describe individuals who care for other people's children, age five and under, in home-based settings. Key characteristics we report include the numbers of such providers, numbers of children cared for, whether providers are paid/unpaid for care, and what if any prior personal relationships existed between providers and the children they care for. (author abstract)

National Survey of Early Care and Education Project Team. (2016). Characteristics of home-based early care and education providers: Initial findings from the National Survey of Early Care and Education. (OPRE Report #2016-13). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

About a million paid and an additional 2.7 million unpaid home-based providers are responsible for young children not their own for at least five hours each week. This technical report uses data from the newly available National Survey of Early Care and Education to provide a

nationally representative estimate of all home-based care to children ages birth through five years and not yet in kindergarten. (author abstract)

National Survey of Early Care and Education Project Team. (2016). *Early care and education usage and households' out-of-pocket costs: Tabulations from the National Survey of Early Care and Education (NSECE)*. (OPRE Report #2016-09). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

The extensive tables in this document describe four main aspects of households' use of nonparental care: types of care, combinations of types of care, hours of care, and parents' out of pocket costs for care. These aspects are reported by child age, by household characteristics such as the household's income-to-poverty ratio, and by two aspects of the community where the household is located (poverty density and urbanicity). (author abstract)

National Survey of Early Care and Education Project Team. (2016). *Households' geographic access to center-based early care and education: Estimates and methodology from the National Survey of Early Care and Education*. (OPRE Report #2016-08). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

This document offers a national picture of selected segments of the early care and education (ECE) market by describing how important attributes of the supply of and the demand for center-based care relate to each other. The document also provides a methodological guide for using newly available data from the National Survey of Early Care and Education (NSECE) to study local-level interactions of the supply of and demand for center-based early care and education (ECE) in the United States. (author abstract)

National Survey of Early Care and Education Project Team. (2016). *How far are early care and education arrangements from children's homes?*. (OPRE Report No. 2016-10). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

Distance between a child's home and the location of a provider of early care and education (ECE) is one of the critical factors parents consider in choosing providers (in addition to cost, schedule, quality, and availability). These distances can also inform child care subsidy policies and our understanding of households' access to ECE. This fact sheet uses newly available mapping data from the National Survey of Early Care and Education (NSECE) to describe distances between young children's homes and where they receive regular ECE. We provide nationally representative estimates of the distances between families' homes and the regular (5 or more hours per week) nonparental care they use for children 5 years and under. We present estimates separately for infants/toddlers (birth to <3 years old) and preschoolers (3 through 5 years old), different levels of household income-to-poverty ratio, and selected types of ECE providers. (author abstract)

National Survey of Early Care and Education Project Team. (2017). *Parent work schedules in households with young children.* (OPRE Report No. 2017-48). Washington, DC: U.S.

Administration for Children and Families, Office of Planning, Research and Evaluation.

This research snapshot describes work schedules of parents of young children during a reference week in 2012. We describe how work schedules differ for households of different income levels; between one-parent and two-parent families; and in households where neither, one, or both parents work. One group of particular focus is 'fully-employed' households; these are households where all parents work -- a one-parent/one-worker household or a two-parent/two-worker household. (author abstract)

National Survey of Early Care and Education Project Team. (2018). *Early care and education usage and households' out-of-pocket costs: Tabulations from the National Survey of Early Care and Education (NSECE).* (OPRE Report No. 2016-09). Washington DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

The extensive tables in this document describe four main aspects of households' use of nonparental care: types of care, combinations of types of care, hours of care, and parents' out of pocket costs for care. These aspects are reported by child age, by household characteristics such as the household's income-to-poverty ratio, and by two aspects of the community where the household is located (poverty density and urbanicity). (author abstract)

National Survey of Early Care and Education Project Team., Zanoni, W., Goerge, R., Datta, A., Gennetian, L. A., Witte, A. D., Brandon, R. N., & et al. (2016). *Examining child care subsidy receipt: An analysis of matched NSECE and Illinois administrative data.* (OPRE Report #2016-12). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

The National Survey of Early Care and Education (NSECE) team undertook an innovative approach to calculate CCDF program participation. Using probabilistic record linkage methods, the household records from the NSECE were matched to CCDF administrative data from the State of Illinois to form a combined database of survey and administrative data. That combined database allowed creation of CCDF program participation variables from NSECE households' over-time records in the childcare subsidies program. The unified database created from this exercise resembles one from a cross-sectional survey that, by asking retrospective questions, identifies households' recent participation in social programs (CCDF, in our case). But the unified database has the advantage of a more accurate participation variable from administrative data than would have been obtained from a survey self-report. (author abstract)

Studies Using NSECE Data

Crosby, D. A., & Mendez, J. L. (2016). *Hispanic children's participation in early care and education: Amount and timing of hours by household nativity status, race/ethnicity, and child age.* (Publication No. 2016-58). Bethesda, MD: National Research Center on Hispanic Children & Families.

In this brief, we use publicly available data from the 2012 National Survey of Early Care and Education (NSECE) to describe the amount and timing of hours that young Hispanic children from low-income households spend in ECE settings, distinguishing care that takes place during standard weekday hours from care that occurs during nonstandard times (i.e., evening, nighttime, and weekend hours). We focus on low-income households because the challenges of coordinating parental employment and the care of young children are most acute for families with limited economic resources. Low-income families are therefore the primary target of policy efforts and public investments to improve ECE access, use, and quality. Hispanic families represent a growing policy-relevant population, with more than two thirds of young Hispanic children living in low-income households. Households' ECE needs, preferences, and available options may vary by family members' demographic characteristics or child age. We report separate estimates for Latino children in immigrant households and those living with U.S.-born adults only, and provide comparison data for young non-Hispanic white and black children from low-income households. We also examine patterns of ECE schedule characteristics separately for infants and toddlers (younger than age 3), and preschoolers (3 to 5 years). (author abstract)

Crosby, D. A., & Mendez, J. L. (2017). *How common are nonstandard work schedules among low-income Hispanic parents of young children?* (Publication No. 2017-50). Bethesda, MD: National Research Center on Hispanic Children & Families.

This brief draws on survey and retrospective calendar data from the 2012 National Survey of Early Care and Education (NSECE) to describe the work schedules of low-income Hispanic parents with young children from birth to age 5 (not yet in kindergarten), and provide comparison data for their non-Hispanic white and black counterparts. We calculate the percentages of low-income Hispanic children with parents working standard weekday, early morning, evening, overnight, and/or weekend hours. We also examine the percentage of children whose parents have short advance notice (one week or less) of their work hours, which has been shown to complicate parents' efforts to arrange child care and maintain family routines. Importantly, we report estimates separately for children in single- and two-parent households, as families' ECE needs, preferences, and options vary depending on the number of parents in the home. We additionally look at differences among Hispanic children by household nativity status. (author abstract)

Crosby, D. A., Mendez, J. L., Guzman, L., & Lopez, M. (2016). *Hispanic children's participation in early care and education: Type of care by household nativity status, race/ethnicity, and child age.* (Publication No. 2016-59). Bethesda, MD: National Research Center on Hispanic Children & Families.

In this brief, we provide a national snapshot of ECE participation among low-income Hispanic households. We use publicly available data from the 2012 National Survey of Early Care and

Education (NSECE) to describe the percentage of young children in low-income Hispanic households who are in non-parental care on a regular basis (more than 5 hours per week), and the different types of settings they experience. ECE is broadly defined in this analysis to include the full range of home- and center- based arrangements children experience when not in the care of their parents. We focus on low-income households because the challenges of coordinating parental employment and the care of young children are most acute for families with limited economic resources. Low-income families are therefore the primary target of policy efforts and public investments to improve ECE access, utilization, and quality. Households' ECE needs, preferences, and available options may vary by family members' demographic characteristics and/or child age. Thus, we report separate estimates for Hispanic children in immigrant households (i.e., including at least one foreign-born adult) and those living with U.S.-born adults only, and provide comparison data for young non-Hispanic white and black children from low-income households. We also examine ECE participation patterns separately for infants and toddlers (younger than age 3), and preschoolers (3 to 5 years). (author abstract)

Derrick-Mills, T., Isaacs, J. B., Greenberg, E., Michie, M., & Stevens, K. (n.d.). *Are higher subsidy payment rates and provider-friendly payment policies associated with child care quality?*. Washington, DC: Urban Institute.

First, we provide the research questions for this methods brief and summarize the research questions we explored in the full report. Next, we discuss the CCDF Policies Database and the policies and rates that our study examined. The bulk of this brief explores the methodological challenges and solutions to using the CCDF Policies Database for statistical analyses. Finally, we look at implications for future research and provide links to related resources. (author abstract)

Greenberg, E., Healy, O., & Derrick-Mills, T. (2018). *Assessing quality across the center-based early care and education workforce: Evidence from the National Survey of Early Care and Education*. Washington, DC: Urban Institute.

Building on existing research and newly available, nationally representative data in the National Survey of Early Care and Education, this study addresses the following research questions: 1. What does the current landscape of early care and education centers look like? 2. What does workforce quality in early care and education centers look like? 3. How does workforce quality vary by center characteristics? 4. How does workforce quality vary by the characteristics of children and families using centers? (author abstract)

Greenberg, E., Isaacs, J. B., Derrick-Mills, T., Michie, M., & Stevens, K. (2018). *Are higher subsidy payment rates and provider-friendly payment policies associated with child care quality?*. Washington, DC: Urban Institute.

This study examines associations between state-determined payment rates and policies and several quality indicators to inform CCDF quality improvement efforts. It is guided by three research questions: 1. How much do payment rates and policies vary across states? 2. How much variation is there in the quality of child care centers and homes serving subsidized children? 3. And the key analytical question: What is the association between payment rates and policies and the quality of child care providers serving subsidized children? Our analyses leverage policy variation within the system of subsidized care, capturing payment-quality

dynamics in child care centers and homes. In doing so, we employ the most recent and comprehensive data available: the National Survey of Early Care and Education (NSECE). Conducted in 2012, the NSECE provides a nationally representative picture of program and caregiver quality characteristics in centers and homes, including those serving children receiving subsidies, providing a very timely baseline view of quality before the CCDF reauthorization. We also draw on the CCDF Policies Database, a comprehensive database of CCDF policies covering all 50 states, the District of Columbia, and the US territories and outlying areas. Our main analytic tools include quantitative description and multivariate regression analysis, which allow us to explore possible causal links between payment rates and policies and child care quality. (author abstract)

Guzman, L., Hickman, S., Turner, K., & Gennetian, L. A. (2016). *Hispanic children's participation in early care and education: Parents' perceptions of care arrangements, and relatives' availability to provide care.* (Publication No. 2016-60). Bethesda, MD: National Research Center on Hispanic Children & Families.

We examined parents' perceptions of different types of child care arrangements and whether relatives (and other adults living with them) are available to provide care to those parents' children. More specifically, using data from the 2012 National Survey of Early Care and Education (NSECE), we assessed how Hispanic parents' (with children between zero and 5) perceptions of various types of early care arrangements--center-based, home-based, non-relative, and relative care --differ from those of their white and black counterparts. We looked at these parents' perceptions regardless of whether their children were in care, or the type of care they used. We also considered how the availability of relatives and other adults who might provide care for young children differs across Hispanic, black, and white households and by household poverty level. (author abstract)

Guzman, L., Hickman, S., Turner, K., & Gennetian, L. A. (2017). *How well are early care and education providers who serve Hispanic children doing on access and availability?* (Publication No. 2017-49). Bethesda, MD: National Research Center on Hispanic Children & Families.

After decades of lagging behind, Latino children--including those who are low-income--are enrolling in ECE programs at rates approaching those of their low-income white peers, at least among preschool-aged children. However, we still know little about the providers of ECE programs (both formal and informal) that care for and serve Latino children. Given the increasing enrollment of Hispanic children in ECE programs, what do the programs that serve this population look like? This brief provides a national portrait of providers serving a large proportion of Hispanic children, focusing on characteristics that shape access to and availability of ECE programs. We find that roughly one in five providers serve a high proportion of Hispanic children (also referred to as high-Hispanic-serving), in which 25 percent or more of the children enrolled are Hispanic. Collectively, our findings suggest many ways in which providers--and home-based providers in particular--are likely responding to the needs of Hispanic families, as well as possible areas of unmet need. (author abstract)

Guzman, L., Hickman, S., Turner, K., & Gennetian, L. A. (2018). *Who is caring for Latino children?: The characteristics of early care and education teachers and caregivers serving a*

high proportion of Hispanic children. (Publication No. 2018-24). Bethesda, MD: National Research Center on Hispanic Children & Families.

This brief examines three aspects of the ECE workforce that are linked with how children learn, their socioemotional development, and classroom environment and quality of care. 1. Training, experience, and education 2. Attitudes, including motivations for working with children 3. Linguistic and racial and ethnic diversity Drawing from the National Survey of Early Care and Education (NSECE), the first nationally representative survey to provide a national portrait of the ECE workforce, we examine these characteristics across three teacher or caregiver types: center-based staff (which includes lead and assistant teachers, as well as aides working in Head Start, Pre-K, and other community-based centers); listed, home-based teachers and caregivers (which generally includes those who care for at least one child with whom they have no prior relationship); and unlisted, home-based teachers and caregivers (which generally includes relatives, friends, and neighbors who provide care to children with whom they had a prior relationship). We compared these features of the workforce among teachers and caregivers of children ages 0 to 5 working in high-Hispanic-serving settings (defined as settings where 25 percent or more of the children served are Hispanic) with those in low-Hispanic-serving settings (i.e., those teachers and caregivers in settings where less than 25 percent of the children enrolled are Hispanic). (author abstract)

Hepburn, P. (2018). Parental work schedules and child-care arrangements in low-income families. *Journal of Marriage and Family*, 80(5), 1187-1209.

Objective: This study analyzes the relationships between parental working schedules and several aspects of child-care arrangements for young children in low-income single-mother and two-partner households. Background: Children whose parents work nonstandard schedules may hold child-care arrangements that are less stimulating or developmentally productive than their peers whose parents work standard schedules. This study builds on previous research by expanding the set of outcomes under analysis, accounting for coscheduling in two-partner households, revising traditional shift definitions, and using recent, nationally representative data. Method: The 2012 National Survey of Early Care and Education is used to develop work schedule typologies. Regression methods are employed to evaluate the relationships between these schedules and the use of center-based, home-based, and relative care; continuity of care; and complexity of care (a new measure introduced as an alternative to care multiplicity). Results: Nonstandard schedules are associated with increased child-care complexity and decreased continuity and the types of care that children receive in single-mother households but less so in two-partner households. In two-partner households the largest effects are in households in which both partners work standard schedules; children in these households receive more nonparental care and are in more complex child-care arrangements. Conclusion: Findings point to the cumulative disadvantage accruing to the children of single mothers, especially those working nontraditional shifts. Implications: Labor market inequalities yield consequences for children's development and intergenerational stratification. (author abstract)

Hooper, A. (2017). *Identifying and exploring profiles of home-based child care providers based on their beliefs and practices.* (Unpublished doctoral dissertation). University of Delaware, Newark, DE.

This series of studies seeks to broaden the understanding of the diverse home-based child care provider workforce through identifying categories of providers based on their beliefs about caregiving and their practices with children and families. Seven million children from birth to five receive care in home-based child care settings. However, relatively little is known about characteristics of home-based providers and how to effectively engage them in quality improvement initiatives. Through secondary analysis of the National Survey of Early Care and Education data on listed home-based providers, latent profile analysis is used to explore how providers group into profiles based on key characteristics related to their beliefs and practices, as well as additional provider characteristics that predict profile membership. A similar strategy is used to analyze a sample of licensed and unlicensed home-based providers in Delaware based on the results of a statewide survey. Finally, a multiple case study approach is used to further explore providers in each profile, specifically considering how they view their roles and the quality of the care they provide and to better understand their practices with children and families. (author abstract)

Hooper, A. (2018). Predictors of instructional practices among a nationally representative sample of home-based child care providers. *Child & Youth Care Forum*,

Background Home-based child care is a widely-used form of child care. However, given its prevalence, there is little research examining the providers' instructional practices and how these may vary by provider characteristics. Objective The goal of this study is to describe variation in instructional practices among home-based child care providers and to examine predictors of instructional practices, including provider, program, and community characteristics. Methods This study examines the instructional practices of listed and unlisted paid home-based child care providers using data from the National Survey of Early Care and Education through descriptive analyses and hierarchical multiple regression. Results Descriptive analyses suggest that providers across types report implementing learning activities, although this is more prevalent among listed providers. Results of a hierarchical multiple regression reveal that recent professional engagement predicts a higher frequency of planned learning activities for listed and unlisted paid providers, although the significant predictors are different for the two groups of providers. Conclusions Home-based child care providers vary by provider type in the frequency of their instructional practices. Increasing access to professional development and social support opportunities may be an important strategy for supporting their implementation of educational activities with the children they serve. Additionally, different supports may be beneficial for listed and unlisted paid providers. (author abstract)

Isaacs, J. B., Greenberg, E., & Derrick-Mills, T. (2018). *Subsidy policies and the quality of child care centers serving subsidized children.* Washington, DC: Urban Institute.

Over 1.4 million children from low-income families are in child care arrangements subsidized by federal and state governments through the Child Care and Development Fund (CCDF). Their development is affected by the quality of these arrangements, as children benefit from the supportive learning environments found in higher-quality programs. States have broad

discretion in setting subsidy policies, and policies vary considerably from state to state. A key question is whether there is an observable relationship between the quality of child care centers serving subsidized children and state subsidy policies, such as the level of subsidy reimbursement rates, the use of tiered reimbursements to incentivize quality improvement, or the practice of paying for care when children are absent. Findings from a statistical analysis of the 2012 National Survey of Early Care and Education (NSECE) generally reveal the expected relationships between state subsidy policies and the quality of centers participating in the subsidy program. That is, the quality of these child care centers is higher in states with higher reimbursement rates and a larger gap between their highest and lowest reimbursement tiers, even after controlling for a variety of other state differences. Although quality is measured using proxy indicators and we cannot be sure that the observed associations are causal, our findings suggest that state agencies can affect the quality of centers participating in the subsidy system through their policy choices regarding rates and related payment policies. Findings and methods are highlighted in this brief, and a fuller description of study methods and findings can be found in our final report (Greenberg et al. 2018). (author abstract)

Kashen, J., Potter, H., & Stettner, A. (2016). *Quality jobs, quality child care: The case for a well-paid, diverse early education workforce*. New York: Century Foundation.

This report focuses on achieving quality ECE by ensuring that its workforce is well-compensated, appropriately educated, diverse, and culturally competent. It looks particularly at strategies for maintaining diversity while transforming the industry so that it provides quality jobs and quality care, with a focus in this report on center-based and school-based care. This report recommends a multi-pronged strategy for strengthening early care and education, including increased public funding, new definitions of quality in ECE that include workforce compensation and diversity, expanded workforce development programs and career pathways, and policies to promote salary parity. (author abstract)

Madill, R., Blasberg, A., Halle, T., Zaslow, M., & Epstein, D. J. (2016). *Describing the preparation and ongoing professional development of the infant/toddler workforce: An analysis of the National Survey for Early Care and Education Data*. (OPRE Report No. 2016-16). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

The analyses presented in this brief describe the professional development activities of the nation's infant/toddler (I/T) workforce, based on nationally-representative data collected by the National Survey of Early Care and Education (NSECE; NSECE Project Team, 2012). The goal of this brief is to help the field better understand the strengths and needs of the I/T workforce in center-based as well as home-based early care and education (ECE) programs. Findings are presented separately for I/T teachers and caregivers in center-based and home-based settings. Results indicate that I/T teachers and caregivers tended to have low levels of education; furthermore, endorsements such as the Child Development Associate Credential (CDA) or state certifications were uncommon. However, most of the I/T workforce had some exposure to college coursework. Among I/T teachers and caregivers in center-based programs, participation in professional development activities varied both by extent of previous education and whether the degree was in ECE or a related field. In general, participation in professional development

activities was most common among teachers and caregivers with higher levels of education. For home-based I/T teachers and caregivers, professional development activities tended to be one-time workshops as opposed to more intensive forms of professional development, such as a workshop series or coaching. Only at higher levels of education did a substantial proportion of home-based I/T teachers and caregivers report meeting regularly with others who were looking after children. Professional development for home-based I/T teachers and caregivers tended to focus on health and safety and curriculum. Professional development for center-based I/T teachers and caregivers tended to focus on health and safety and supporting children's social-emotional development. Time release and other supports for professional development varied by education level for both center-based and home-based I/T teachers and caregivers. However, only 15 percent of home-based I/T workforce reported having received financial support for professional development in the past 12 months. Findings are discussed in terms of implications for professional development systems. (author abstract)

Madill, R., Halle, T., Gebhart, T., & Shuey, E. (2018). Supporting the psychological well-being of the early care and education workforce: Findings from the National Survey of Early Care and Education. (OPRE Report No. 2018-49). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

This report uses a recent nationally representative survey of the ECE workforce to identify supports to psychological well-being among teachers in center-based ECE programs (NSECE Project Team, 2016). Teachers responded to six items assessing symptoms of nonspecific psychological distress -- for example, how often they feel like "everything is an effort." After accounting for teachers' background characteristics, we examined whether formal workforce supports (e.g., coaching/mentoring) and informal workforce supports (e.g., feeling respected at work) were associated with ECE teachers' psychological distress. Our analyses are restricted to teachers and lead teachers in the center-based workforce, so we use the term "teachers" when discussing findings. (author abstract)

Madill, R., Lin, V., Friese, S., & Paschall, K. W. (n.d.). Access to early care and education for disadvantaged families: Do levels of access reflect states' child care subsidy policies?. (Child Trends Report No. 2018-07). Bethesda, MD: Child Trends.

To our knowledge, no studies have asked which combinations of subsidy policies are associated with better access to ECE for low-income families (relative to higher-income families), from either a demand perspective (i.e., the perspective of the family) or a supply perspective (i.e., the availability of high-quality ECE providers serving subsidized children). The fact that subsidy funds are limited makes it essential to understand the benefits and consequences of different combinations of subsidy policies as they relate to parents' access to high-quality ECE. (author abstract)

Madill, R., Moodie, S., Zaslow, M., & Tout, K. (2015). Review of selected studies and professional standards related to the predictors of quality included in the National Survey of Early Care and Education. (OPRE Report No. 2015-93b). Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

The purpose of this annotated bibliography is to provide reviews of key selected studies and

professional standards related to the predictors of quality (POQ) included in the National Survey of Early Care and Education (NSECE). The intent is to provide a companion piece to the NSECE methodological report Measuring Predictors of Quality in the National Survey of Early Care and Education (NSECE Project Team, 2015). The two reports focus on the same predictors of quality, and follow the same numbering so that readers can easily cross-reference. (author abstract)

Mendez, J. L., & Crosby, D. A. (2018). *Why and how do low-income Hispanic families search for early care and education (ECE)?*. (Publication No. 2018-15). Bethesda, MD: National Research Center on Hispanic Children & Families.

Because the Hispanic population is growing rapidly and often faces considerable economic need--and because ECE can play an important role in reducing racial/ethnic disparities in early learning and later school outcomes--it is important for the research and policy community to better understand how and why low-income Hispanic parents search for ECE. This study takes a closer look at low-income Hispanic parents' reported reasons for conducting a search for an ECE provider or program for their young children. This brief uses data from the 2012 National Survey of Early Care and Education (NSECE) to describe why low-income Hispanic parents with young children (birth to age 5) report searching for child care; comparison data for low-income non-Hispanic black and white parents are also reported. Prior research involving low-income families from various racial/ethnic backgrounds showed that parents report a variety of reasons for their ECE searches. There are also several important barriers to low-income families' use of care, including lack of availability, low affordability, and poor alignment with parents' work schedules. Understanding similar or shared concerns about ECE across U.S. racial and ethnic groups--along with differences across these groups--can guide outreach by programs and inform policy adjustments that might better serve diverse groups. (author abstract)

Mendez, J. L., Crosby, D. A., Guzman, L., & Lopez, M. (2017). *Centers serving high percentages of young Hispanic children compare favorably to other centers on key predictors of quality*. (Publication No. 2017-24). Bethesda, MD: National Research Center on Hispanic Children & Families.

In this brief, we use recent national data to better understand the predictors of quality of ECE centers that serve significant numbers of low-income Hispanic children from birth through age 5. We compare ECE centers serving a high proportion of Hispanic children with ECE centers serving a low proportion of Hispanic children to see how they differ on various predictors of quality. We draw upon data from the 2012 National Survey of Early Care and Education (NSECE), which was designed to assess several predictors of quality. (author abstract)

National Center on Early Childhood Quality Assurance. (2017). *Designing family-friendly consumer education on child care*. Fairfax, VA: National Center on Early Childhood Quality Assurance.

Consumer education efforts are undergoing revisions in response to provisions in the Child Care and Development Block Grant (CCDBG) Act of 2014 and the 2016 Child Care and Development Fund (CCDF) final rule. Specifically, each State must maintain a website that contains information about child care providers in the State or local area, results of providers' monitoring and inspection reports (including health and safety violations), and lists of resources for parents,

including financial assistance. This brief provides research-based information to support state agency staff as they design and implement these websites and other resources, such as quality rating and improvement systems (QRISs). (author abstract)

Phillips, D. A., Anderson, S., Datta, A., & Kisker, E. (2018). The changing landscape of publicly-funded center-based child care: 1990 and 2012. *Children and Youth Services Review*, 91, 94-104.

Low-income families' ability to sustain employment while ensuring the care and safety of their young children is profoundly affected by federal policies regarding access to subsidies and programs, such as Head Start. The current structure of these policies evolved during the decades following the 1990 enactment of the Child Care and Development Block Grant -- a period that also witnessed expansion of the Head Start program and growth of state pre-K programs. Using data from two nationally representative surveys of child care providers conducted in 1990 and 2012, this paper examines trends in the supply, sponsorship, and funding structure of publicly-funded child care centers during this period of active policymaking in early care and education. These changes include major expansion in the number and share of child care centers receiving public funds, as well as in the number of children enrolled in these centers; relatively more rapid growth among for-profit vs. non-profit centers in the publicly-funded sector, but consistency in that the major share of publicly-funded centers remained non-profit; and substantial growth in publicly-funded centers receiving vouchers as a primary funding mechanism. These trends carry the potential to enhance the reach of quality improvement efforts tagged to public funds and may have increased low-income families' choice of centers with differing hours, in a range of locations, that serve a wider age range of children, as well as children supported with differing funding sources. Whether the growing supply of publicly-funded centers has actually kept pace with demand, let alone enhanced access of low-income families to care that supports their children's development, are critical, next-stage questions to address. (author abstract)

Sandstrom, H., & Gelatt, J. (n.d.). *How parental preferences and subsidy receipt shape immigrant families' child care choices*. Washington, DC: Urban Institute.

We analyze data from the National Survey of Early Care and Education (NSECE) to (1) document the parental preferences and child care arrangements of immigrant families with young children; (2) determine the factors that predict immigrant families' child care settings, including the relative roles of parental preferences for different care types, family characteristics, employment characteristics, the local community context, and local child care marketplace characteristics; (3) identify the state subsidy policies that promote subsidy participation among eligible immigrant families, and (4) estimate how much subsidy receipt facilitates access to regulated care settings for potentially eligible immigrant families. In this brief, we review our research questions and methods and then focus on the challenges and questions that arise when using secondary data to look at early care and education experiences of immigrant households, with implications for future research. (author abstract)

Sandstrom, H., & Gelatt, J. (2017). *Child care choices of low-income, immigrant families with young children: Findings from the National Survey of Early Care and Education*. Washington, DC: Urban Institute.

In this brief, we explore differences in the child care settings foreign-born, US-born, LEP, and English-proficient parents select for their young children. We also explore differences in their child care preferences and perceptions and in the household characteristics that might explain their patterns. In this way, we shed light on how being an immigrant and having limited English proficiency, among other factors, might influence parents' interest in and ability to access different child care. (author abstract)

Trivedi, P., Chadwick, L., & Burgess, K. (2017). *Factors associated with reduced expulsion in center-based early learning settings: Preliminary findings from the National Survey of Early Care and Education (NSECE)*. Washington, DC: U.S. Department of Health and Human Services, Office of Human Services Policy.

This brief provides new national estimates of recent early childhood expulsion rates in a range of center-based early learning settings using data from the National Survey of Early Care and Education (NSECE), indicating how characteristics of early care and education (ECE) centers relate to the likelihood that children are denied services due to behavior. The analysis describes how access to comprehensive services, support for professional development for ECE teachers and staff, funding source (e.g., Head Start, public pre-K, private, etc.), and program sponsorship (e.g., non-profit, government sponsored, for-profit, etc.) relate to recent expulsion rates. (author abstract)

Ullrich, R., Hamm, K., & Herzfeldt-Kamprath, R. (2016). *Underpaid and unequal: Racial wage disparities in the early childhood workforce*. Washington, DC: Center for American Progress.

This study discusses the low wages of the early childhood workforce, examines racial disparities in wages and workforce supports based on data from the National Survey of Early Care and Education, and provides recommendations.

Watts, K. (2017). *Families with low incomes and the search for child care: An exploration of factors influencing search actions and choices*. (Unpublished doctoral dissertation). University of Maryland, College Park, MD.

Whitebook, M., Phillips, D. A., & Howes, C. (2014). *Worthy work, STILL unlivable wages: The early childhood workforce 25 years after the National Child Care Staffing Study*. Berkeley: University of California, Berkeley, Center for the Study of Child Care Employment.

This report is a compilation of studies and discussions addressing the working conditions of early childhood teachers in 1989 and 2014. Additional chapters address the consequences of compensation decisions, the use of public benefits among families of staff, and the variety of state and national policy efforts related to the wages of early childhood teachers.

Zhao, J., & Lu, J. (2018). The overpaid and underpaid: A comparison of labor costs in nonprofit and for-profit service organizations. *Fudan Journal of the Humanities and Social Sciences*.

The comparison between nonprofit and for-profit organizations has been a lingering question for scholars and practitioners. This research explores employee wage differentials across sectors using a national sample of child care workforce. After controlling for a range of individual, occupational, organizational, and community factors, this research reports a significant wage premium for nonprofit child care teachers. In addition, this study finds evidence for both the labor donation and property rights hypotheses, but the property rights theory demonstrates comparatively stronger explanatory power. Although individuals with stronger intrinsic motivation are more willing to donate labor for charitable outputs, inefficient management in nonprofits actually sets wage levels over the market level. Overall, the study highlights nonprofits' comparative advantage in employee motivation but disadvantage in efficient management. The findings have implications for public and nonprofit management. (author abstract)

Instruments

NORC. (2011). *National Survey of Early Care & Education: Center-Based Provider Questionnaire (Rev. ed.)*. Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

NORC. (2011). *National Survey of Early Care & Education: Center-Based Provider Screener (Rev. ed.)*. Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

NORC. (2011). *National Survey of Early Care & Education: Home-Based Provider Questionnaire (Rev. ed.)*. Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

NORC. (2011). *National Survey of Early Care & Education: Household Questionnaire (Rev. ed.)*. Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

NORC. (2011). *National Survey of Early Care & Education: Household Screener (Rev. ed.)*. Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

NORC. (2011). *National Survey of Early Care & Education: Workforce [Classroom Staff] Questionnaire (Rev. ed.)*. Washington, DC: U.S. Administration for Children and Families, Office of Planning, Research and Evaluation.

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