

National Survey of Early Care and Education – Provider Sampling, Density and Availability

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CCPRC/STAM

November 16, 2011



National Survey of **Early Care & Education**



Overview Of Today's Presentation

- **Description of NSECE**
- **Provider sampling**
- **Sampling lists**
- **Analysis of list data**
- **Licensed Capacity**
- **Timetable for Provider Participation**



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Study Overview and Definitions

- **NSECE comprises: Four coordinated nationally-representative surveys of:**
 - 1) households with children under 13,
 - 2) home-based providers
 - 3) center-based providers
 - 4) classroom staff (workforce)
- **Main Topics:**
 - Family Use of ECE (Early Care and Education)
 - Key Features of Family, Friend and Neighbor Care
 - The Availability, Provider Charges, Provider Characteristics and Predictors of Quality of ECE
 - ECE Workforce
 - Relationship of Availability to Utilization



Examples of Policy-Relevant Questions

- **Increasing understanding of care received by low-income children and how that varies across communities**
 - What percent of families are getting help with the cost of care?
 - How are community ECE characteristics associated with types of care selected by parents of low-income children?
 - How does care selection differ by parental work schedules?
- **Providing baseline data on community collaboration**
 - What percent of providers are blending funding from multiple funding sources?
- **Planning for workforce improvement**
 - What are current size and characteristics of the ECE instructional/caregiving workforce?
 - How do workforce characteristics vary by provider type?

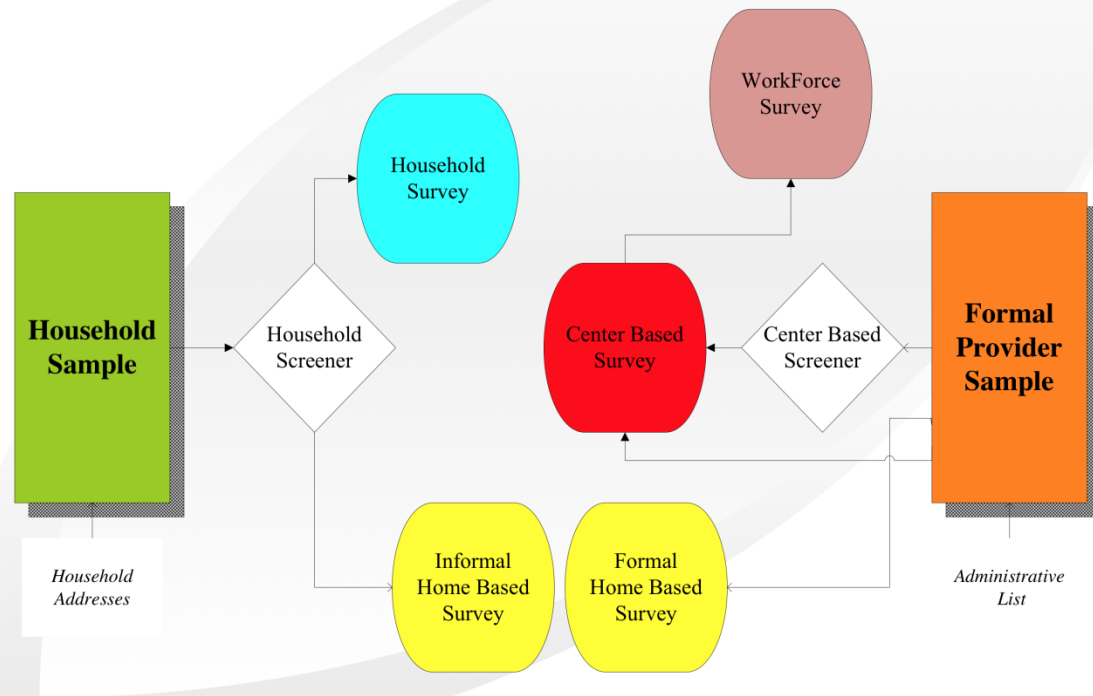


Expected NSECE Sample Sizes

- **Sample in all 50 states and DC (755 total clusters)**
- **15,586 households with children under 13 (17.5 per cluster)**
- **13,290 formal providers of care (18 per cluster), including center-based and regulated home-based**
- **4,450 informal home-based providers, including workforce information (6 per cluster)**
- **6,592 members of the workforce from 6,592 center-based programs (9 per cluster)**



Provider sampling and questionnaires



Integrating all Sectors of Supply

- Use a comprehensive formal provider sample frame for sample selection
- Include informal care
- Document supply variation across localities and income groups
- Allow for merges with other data sets (subsidy lists, accreditation records) and merging the supply and demand side data



Home-Based Provider Questionnaire

- **Fielded with two samples**
 - Informal providers identified through household screening
 - Regulated home-based providers from administrative sample frame
- **Questionnaire covers**
 - Characteristics of provider, including qualifications and work history
 - Characteristics of children cared for and care provided
 - Financial information
 - Household structure and assistance in providing care
- **Variation in state licensing laws means that a provider type (e.g., neighbor caring for 2 unrelated children) may come from administrative lists in one state but household screening in another state.**



Sampling Formal Providers

- **Sample frame building activity included:**
 - State-level lists of:
 - center- and home-based providers (where available)
 - licensing,
 - registration,
 - faith-based or other exempt
 - Pre-K
 - National lists of:
 - Head Start
 - schools with pre-K



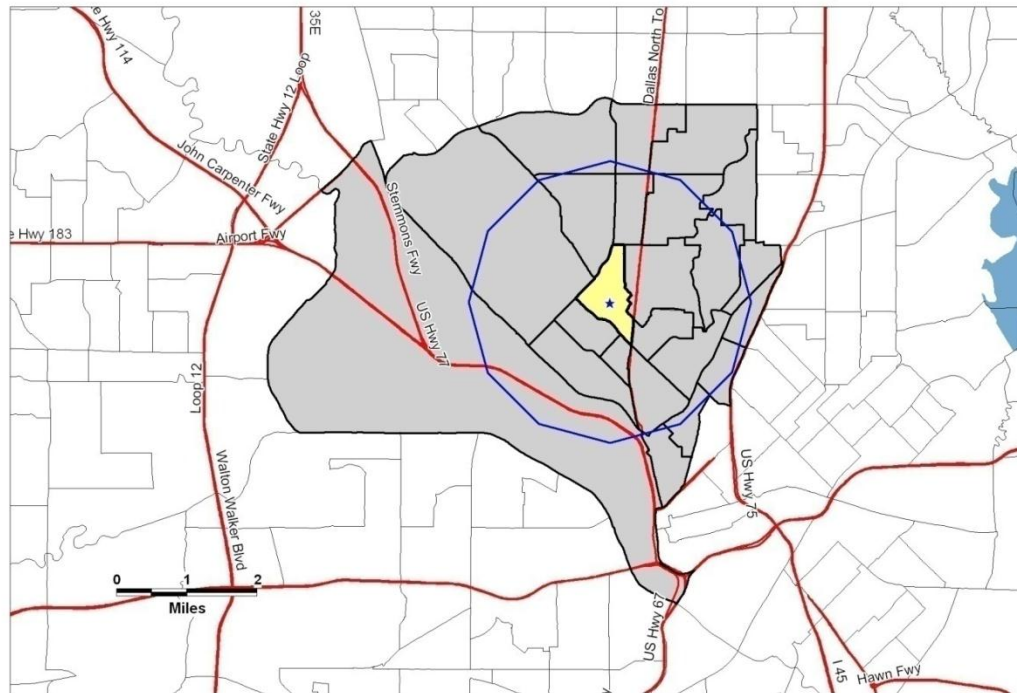
Documenting Formal Providers

- **Directors of sampled center-based providers will be approached for a 40-minute web-based, telephone or in-person completion of the questionnaire**
- **Questionnaire includes questions about a randomly-selected classroom.**
- **Examine how providers vary across**
 - **Workforce size and characteristics**
 - **Funding Sources (Blended/Collaborative Funding)**
 - **Comprehensive service provision**
 - **Structural characteristics of care**
 - **Supports to families/Cost to families**
 - **Professional Development for staff**



Provider Cluster Example

Dallas County 0006.01



Definitions

- **Enrollment**: number of children currently enrolled for care with a provider
- **Unused Slots Available**: additional slots providers say they are willing and able to provide given the current revenue environment (e.g., private-pay prices and other revenue sources)
- **Total Availability**: total slots providers say they are willing to provide (enrolled children + additional slots they are willing and able to provide)



Planned analysis example

Nationwide Availability of Full-Time 3-4 Year Old Care					
	Community-Based Centers	Head Start & Pre-K Programs	Large, Formal Home-Based Providers (HBP)	Small, Formal Home-Based Providers (HBP)	Informal Home-Based Care (HBC)
Enrollment					
Unused Slots Available					
Total Availability					
Used Capacity (Enrollment/Total Availability)					



Estimates of the Supply of ECE/SA

Populations Described	Questionnaires	Sample Sources
U.S. Providers of care to children under age 13	Center-based Provider Questionnaire	Administrative Lists
	Home-based Provider Questionnaire	Administrative Lists
	Home-based Provider Questionnaire	Address-Based Sample screened for Family, Friend, Neighbor and Nanny Providers
ECE workforce of individuals working directly with children	Home-based Provider Questionnaire	Administrative Lists and Address-Based Sample
	Workforce Questionnaire	Randomly selected staff person from randomly selected classroom reported in Center-Based Provider Questionnaire



Example of Care Type Definitions

State	Lists Available	Regulation Type	Regulated By	Definition	Setting	Licensed Capacity	Additional School Age Children	Ages	Under 2
Alaska	Child Care Homes	licensed	State DHSS & Municipality of Anchorage	A child care facility, usually in an occupied residence, for no more than eight children.	Not specified	5-8		0-13	No more than 3 children under 30 mos
	Child Care Group Homes	licensed	State DHSS & Municipality of Anchorage	A child care facility, usually in an occupied residence, for nine to 12 children.	Not specified	9-12		0-13	No more than 5 children under 30 mos
	Child Care Centers	licensed	State DHSS & Municipality of Anchorage	A child care facility for 13 or more children.	Not specified	13+		0-13	
	Approved Child Care Providers	voluntarily regulated	State DHSS & Municipality of Anchorage	The provider regularly provides care outside of the child's own home for no more than four children who are not a relative of the provider. If the provider is also caring for one or more children who are a relative of the provider, including the provider's own children, the provider may care for no more than a total of five children.	Residential	1-5		0-13	No more than 2 children under 30 mos
	Approved Relative Child Care Providers	voluntarily regulated	State DHSS & Municipality of Anchorage	The provider regularly provides care outside of the child's own home for no more than five children, all of whom are a relative of the provider. If the provider is also providing care for the provider's own children, those children must be counted toward the maximum allowed. "Relative" means a child who, by marriage, blood, or court decree, is the (A) grandchild or great-grandchild of the provider; (B) niece, nephew, great-niece, or great-nephew of the provider; or (C) sibling of the provider, if the provider lives in a separate residence. A parent will not be approved for participation in the program if that parent is providing care only for that parent's children.	Residential	1-5		0-13	No more than 2 children under 30 mos
	Tribal Approved/Certified	regulated	Tribal entities	Those facilities that possess a current certificate or other approval from a tribal entity whose child care provider standards meet or exceed the standards of the Department of Health & Social Services.	Not specified				



Exemption Summary

State	Recorded Care Types	Exemptions
Alaska	<ul style="list-style-type: none"> Child Care Homes Child Care Group Homes Child Care Centers Approved Child Care Providers Approved Relative Child Care Providers Tribal Approved/Certified 	<ul style="list-style-type: none"> a facility in which child care is regularly provided and each child's parent is on the premises within reasonable proximity and accessibility to the child; Department of Defense/Coast Guard certified child care (see below); a recreational program that does not assume responsibility for care of the children; a daytime therapeutic program of supervised, educational, and rehabilitative services for children with special needs or with behavioral problems; a program whose primary function is educational and that <ul style="list-style-type: none"> is certified as a pre-elementary school under AS 14.07.020 and 4 AAC 60; serves children ages three through five years and, under 4 AAC 60.020, is exempt from 4 AAC 60; or is operated as a Head Start preschool program required to meet standards established under 42 U.S.C. 9836a; a temporary facility that provides care for one specific one-time occurrence scheduled for less than 5 weeks in any 12-month period, including a conference or weekend seminar; a facility that regularly provides care to 4 or fewer children who are not relatives of the caregiver; a facility in which the caregiver is a relative of all of the children; a facility in which the caregiver is caring for a child in the child's own home, regardless of whether the caregiver is a relative of the child; a public or private elementary school program, kindergarten through grade six; the exemption in this paragraph does not apply to child care provided at the school site before or after school; a day camp or similar facility or program that <ul style="list-style-type: none"> holds a current accreditation or certification from the American Camping Association or another national accreditation group with standards the department finds are substantially similar to the requirements of this chapter; a facility or program that believes it should be exempt under this paragraph shall submit the standards to the department for review and approval; provides services for children age five years and older; operates more than five weeks in any 12-month period; and operates only during summer, winter, and spring school breaks.



Preliminary Provider Totals From Sampling Frame Data

Description and number of providers by type

Program Types	Rules/Program included	# providers
Head Start	Head Start programs identified through state licensing lists and Head Start lists. The Head Start program category includes 1,600 programs identified as dual Pre-K and Head Start programs that were identified through state licensing, state Pre-K, and Head Start lists	19,558
Pre-K	Pre-K programs identified through state licensing lists, including Pre-K lists and QED pre-K only schools.	48,363
Community-based Child Care Center	All remaining programs in state licensing lists that have not been assigned to one of the previous program types	111,124
TOTAL PROVIDERS IN THIS ANALYSIS		179,045



Preliminary co-location statistics

- 61% of HS providers located at child care center
- 9.2% of child care centers have HS center also
- 38% of public pre-k are located at child care center

PROGRAM	NATIONAL CO-LOCATION PATTERNS				
	Total number of uniquely identified addresses	Colocated with Head Start	Colocated with pre-k	Colocated with HS+ pre-K	Colocated with Community based ECE
Head Start	14,473	N/A	3,373 23%	154 1%	8,775 61%
Pre-k	40,898	3,373 8.2%	N/A	526 1.3%	15,388 37.6%
Head Start+ pre-K	1,346	154 11.4%	526 39.1%	N/A	587 43.6%
Community based ECE	95,711	8,775 9.2%	15,388 16.1%	587 0.6%	N/A



Preliminary Head Start Density Stats

- **Number of providers per 1000 age-eligible (3 and 4 year-old) children**
- **Density much higher in communities where 40% of households are below FPL**
- **Small difference between urban and rural**

Head Start density: basic descriptive statistics

	Density Total	Density Rural	Density Urban	Density above 100	Density below 100
MAX	11.01	10.85	11.90	10.96	55.56
MIN	0.74	0.48	0.62	0.74	-
MEAN	3.18	3.64	2.90	3.12	11.42
SD	2.02	2.25	2.15	2.00	12.10



Preliminary Pre-K density stats

- **Pre-k provider density (number of pre-k providers per 1000 3 and 4 year-old children) is somewhat higher in communities where 40% of household are below 250% FPL and no difference between rural and urban areas**

Pre-K density: basic descriptive statistics

	Density Total	Density Rural	Density Urban	Density above 250	Density below 250
MAX	47.37	31.49	49.38	54.71	47.85
MIN	0.30	-	0.32	0.12	0.27
MEAN	7.15	6.88	7.19	6.58	8.10
SD	8.25	6.54	9.25	8.73	8.80



Preliminary child care density stats

- **Number of providers per 1000 0-5 year olds.**
- **Somewhat higher in communities below 250% FPL and in Urban communities.**

Community-based childcare density: basic descriptive statistics

	Density Total	Density Rural	Density Urban	Density above 250	Density below 250
MAX	16.45	13.73	23.63	13.63	23.55
MIN	1.12	0.81	1.01	0.94	1.43
MEAN	5.44	4.59	6.09	5.07	5.91
SD	2.62	2.43	3.44	2.35	3.50



Preliminary “Regulated Slots Per Child” Statistics

- Number of slots per 1000 0-5 year old children
- Does not include Head Start or Pre-k, but does include family and center-based care
- About equal rates in poor and non-poor areas
- Greater rates in urban compared to rural

	TOTAL	Rural	Urban	Over 250% FPL	Under 250% FPL
MAX	273	182	266	304	259
MIN	105	60	106	113	86
MEAN	179	134	188	173	186
SD	38	37	40	43	43



Data Collection Contacts With Providers

- Web invitations went out to almost 20,000 providers on 10/31. Those excluded are home-based providers for whom no address was provided, other providers with address problems, and almost a thousand providers for whom district-level IRB clearance is required before contact can be made.
- In-person contacts will begin in January.
- A classroom staff person will be sampled from center-based programs for a separate interview (Workforce survey)
- Providers with questions (or state administrators with questions) can write nseceprov@norc.org or call 1-877-369-3240.
- We hope that state administrators and others in the audience will affirm the legitimacy and the importance of the NSECE to any providers or other sampled individuals who may have questions about study participation.
- Schedule:

Sample frame building	Completed
Data collection	Dec 2011 – May 2012
Preliminary data	Jan 2013
Final report	May 2014



Thank you!



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Contact nseceprov@norc.org for
more information



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