

WEB TABLES

U.S. DEPARTMENT OF EDUCATION
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The Costs of Child Care: Results From the 2016 Early Childhood Program Participation Survey (ECPP-NHES:2016)

This document reports data from the Early Childhood Program Participation (ECPP) survey, administered as part of the 2016 National Household Education Surveys Program (ECPP-NHES:2016). The Web Tables show data on the types of child care chosen by parents; the importance of cost to parents when choosing child care; the types of assistance received for child care; and the mean out-of-pocket expenses for relative, nonrelative, and center-based child care arrangements. Estimates include responses by child, family, and parent characteristics (i.e., child's age, sex, and race/ethnicity; family type, region of residence, household income, and poverty status; and whether parents speak English at home, parent's highest level of education, and parent's labor force and school enrollment status.)

The ECPP data tables also show the reported assistance in child care by mean out-of-pocket expense.

The tables are grouped into four sections.

Section 1 displays overview tables, showing the percentage of children for three different age ranges by the arrangement(s) chosen by the parents and the factors influencing decisions around child care (tables 1.1–1.4).

Section 2 displays the percentage of children whose parents were charged fees or received assistance for child care for at least one weekly nonparental care arrangement by child age ranges, arrangement type, and assistance type (tables 2.1–2.2).

Section 3 displays the percentage and weighted mean¹ for per child hourly out-of-pocket expense of families who have at least one weekly nonparental care arrangement, by arrangement type and reported child and family characteristics (table 3.1).

Section 4 displays the percentage and weighted mean¹ for per child hourly out-of-pocket expense of

families who have weekly nonparental care arrangements and receive assistance by arrangement type and reported child and family characteristics (table 4.1).

DATA

The ECPP collects information about participation in relative care, nonrelative care, and center-based care arrangements for children from birth through age 6 who are not yet enrolled in kindergarten. The ECPP was conducted in 1991, 1995, 1999, 2001, 2005, 2012, and 2016 as part of the National Household Education Surveys Program (NHES). Sampled households are selected for the NHES using a two-stage, stratified sample. A screener survey is used to select an eligible sample member for the ECPP, a child from birth to age 6 and not yet in kindergarten. A parent or guardian is asked to complete a survey about the sampled child.

The NHES:2016 data collection used an address-based sample to select households. Sampled households

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were contacted through mail with a request to complete the survey by mail. A subsample of 35,000 addresses was selected for a web experiment; web experiment addresses were mailed a request to complete the survey online. Survey contact materials were available in English and Spanish. Data collection took place between January and September of 2016.

In 2016, approximately 206,000 sampled households were selected to participate in the NHES, and 115,342 completed the screener survey. Of the households who completed the screener survey, 7,937 were sampled for the ECPP. The total number of completed ECPP surveys was 5,844.

To be included in this report, additional criteria were applied. Because too few children who are age 6 and not enrolled in kindergarten were reported in the ECPP, children included in these tables are 5 years or younger, resulting in 5,837 ECPP cases or 21.4 million children when weighted to reflect national totals.

The ECPP questionnaire and the survey data file used to produce the ECPP estimates are available at

<https://nces.ed.gov/nhes/dataproducts.asp>. The final data file is available as an ASCII file, as well as in multiple software formats.

Nationally representative estimates were computed using the weight variable FEWT, used in the ECPP data file to estimate characteristics of children age 5 and younger not enrolled in kindergarten. The specific procedure used for computing sampling errors was a jackknife replication method using 80 replicate weights, FEWT1 to FEWT80 also available in the ECPP data file, modified by a jackknife coefficient (JKCOEFS=0.9875).

RESPONSE RATES

Because the NHES interview is completed after the household has responded to the screener questionnaire, the overall response rate for the ECPP is the product of the household screener unit response rate (66.4 percent) and the ECPP unit response rate (73.4 percent). The overall weighted ECPP unit response rate (calculated by multiplying the household screener response rate by the ECPP response rate) was 48.7 percent.

Furthermore, as in most surveys, some individuals did not give a response to every item. However, individual item response rates for the 2016 ECPP were high—the unweighted item response rates for all respondents on almost all items included in this report exceeded 85 percent.² On the majority of items, the response rate was 90 percent or higher.

The National Center for Education Statistics (NCES) requires that any stage of data collection within a survey that has a base-weighted unit response rate of less than 85 percent be evaluated for nonresponse bias before the data or any analyses are released. For the 2016 NHES, additional analysis was conducted to look for evidence of bias. The nonresponse bias analysis takes into account nonresponse on both the screener survey and the ECPP. Results of all analyses suggest that there are a small number of demographic characteristics that are underrepresented in the NHES ECPP survey but are ameliorated with nonresponse weighting adjustments. Chapter 10 of the *National Household Education Surveys Program of 2016: Data File User's Manual* (McPhee et al. 2018) contains a detailed description of the nonresponse bias analysis.

VARIABLES USED

All variables used in this publication appear in the table below. The ECPP-NHES:2016 data file contains the variables used here. The survey data file used to produce the ECPP estimates, as well as the ECPP questionnaire, is available for download at <https://nces.ed.gov/nhes/dataproducts.asp>.

The ECPP-NHES:2016 data file includes records for 5,844 children ages birth to 6 and not yet enrolled in kindergarten. For children to be included in this report, additional criteria were applied. Because too few children who are age 6 and not enrolled in kindergarten were reported in the ECPP, 6-year-olds were not included in the analysis. The final unweighted sample size for the report is 5,837.

The names of variables that are included in the data file and were used to produce estimates for this report appear in capital letters. In some cases, the variables have been used in the exact format in which they appear on the data file. In other cases, new measures have been created specifically for this report by combining information from two or more variables in the data file and can be found in appendix A. NHES data files include imputed values for missing data due to item nonresponse. Unless otherwise noted, all data are based on either direct parent reports or imputed data.

Label	Name
Center-based care	CPARRNEWX
Charged a fee	RCFEE, NCFEE, CPFEE
Child's age	AGE2015
Child's race/ethnicity	RACEETH2
Child's sex	CSEX
Difficulty finding care: reasons	PPDIFCLT: DCLOA, DCOST, DRELY, DLERN, DCHIL, DHROP, DNBRR, DRTWEB, DRECFAM, DRELOR
English spoken at home by parents/guardians	LANGUAGEX
Family type	PAR1TYPE, PAR2TYPE
Highest education level of parents/guardians	PARGRADEX
Household income	TTLHHINC
Labor force status of parents/guardians	P1EMPL, P2EMPL
Mean per child hourly out-of-pocket costs*	RCFEE, NCFEE, CPFEE
Nonrelative care	NCARRNEWX
Participation in one weekly nonparental care arrangement	ANYCARE2X
Poverty status*	TTLHHINC, HHTOTALXX
Primary reason for difficulty finding care	WHYDIFCLT
Receives assistance, types of assistance*	RCREL, NCREL, CPREL, RCTANF, NCTANF, CPTANF, RCSSAC, NCSSAC, CPSSAC, RCEMPL, NCEMPL, CPEMPL, RCOTHER, NCOTHER, CPOther
Region	CENREG
Relative care	RCARRNEWX
School enrollment status of parents/guardians	P1ENRL, P2ENRL
Types of care*	RCARRNEWX, NCARRNEWX, CPARRNEWX
Types of nonrelative care	NCPLACE
Types of relative care	RCTYPE

*New measures created by combining information from two or more variables in the data file can be found in appendix A.

For more information, contact

Sarah Grady
Project Officer
National Center for Education
Statistics
550 12th Street SW
Room 4010
Washington, DC 20202
(202) 245-7063
sarah.grady@ed.gov

REFERENCES

McPhee, C., Jackson, M., Bielick, S., Masterton, M., Battle, D., McQuiggan, M., Payri, M., Cox, C., and Medway, R. (2018). *National Household Education Surveys Program of 2016: Data File User's Manual* (NCES 2018-100). U.S. Department of Education, Washington, DC: National Center for Education Statistics, Institute of Education Sciences.

ENDNOTES

¹ To create a more representative mean cost for children in multiple arrangements, the hourly per child cost for each arrangement type is weighted by the percentage of time spent in that arrangement. Children for whom no fee was charged are excluded from the estimates.

² One variable, NCTLHR (total hours per week with nonrelative), had an unweighted response rate of 81.1 percent. Please see the *National Household Education Surveys Program of 2016: Data File User's Manual* (McPhee et al. 2018) located at <https://nces.ed.gov/pubs2018/2018100.pdf> for more information.

National Center for Education Statistics

Table 1.1. Percentage of children from birth through age 5 and not yet in kindergarten participating in various weekly nonparental care arrangements, by type of arrangement and child's age: 2016

Child's age	Weekly nonparental care arrangement ¹										
	No weekly nonparental care arrangement	At least one weekly nonparental care arrangement	Relative care only			Nonrelative care only ²			Center care only		Multiple types of arrangements ⁵
			Any type of relative care	Grand-parent	Aunt or uncle	All other relatives ³	Any type of nonrelative care	Own home	Other home	Any type of center care ⁴	
All ages	40	60	25	20	3	2	12	3	9	42	20
Less than one year	53	47	47	38	6	3	19	6	12	21	12
1–2 years	46	54	33	26	4	3	18	5	13	35	14
3–5 years	27	73	10	8	21	1	5	1	4	56	28

¹Among children with at least one regularly scheduled weekly nonparental care arrangement.

²Children participating in nonrelative care only and receiving care in both their own home and another home (0.45 percent of all children in at least one weekly nonparental care arrangement) are included in this table but not displayed due to insufficient sample size.

³This category includes the responses "brother/sister" and "another relative."

⁴Center-based arrangements include day care centers, Head Start programs, preschools, prekindergartens, and other early childhood programs.

⁵"Multiple types of arrangements" includes children who are in more than one type of weekly care arrangement (e.g., one regularly scheduled primary care arrangement with a relative, and one regularly scheduled primary care arrangement at a center).

NOTE: Estimates include children from birth through age 5 and not yet in kindergarten. Since a child may have multiple weekly arrangements within a single type of care (e.g., different arrangements with two or more relatives), parents were asked to only report detailed information on the primary arrangement for that care type. The primary care arrangement is defined as where the child spends the most time within a particular type of care as determined by the parent. Detail may not sum to total because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

National Center for Education Statistics

Table S1.1. Standard errors for Table 1.1: Percentage of children from birth through age 5 and not yet in kindergarten participating in various weekly nonparental care arrangements, by type of arrangement and child's age: 2016

Child's age	Weekly nonparental care arrangement							Multiple types of arrangements		
	At least one weekly nonparental care arrangement	Relative care only			Nonrelative care only		Center care only			
		Any type of relative care	Grand-parent	Aunt or uncle	All other relatives	Any type of nonrelative care			Own home	Other home
All ages	0.9	0.9	0.9	0.5	0.4	0.6	0.3	0.6	1.0	0.8
Less than one year	2.1	2.1	2.8	3.0	1.5	0.9	1.1	1.6	1.8	1.6
1–2 years	1.3	1.3	1.5	1.6	0.7	0.8	0.7	1.1	1.7	1.0
3–5 years	1.5	1.5	1.0	0.8	0.5	0.3	0.2	0.5	1.5	1.1

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

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Table 1.2. Percentage of children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement whose parents rated various factors used to select weekly care arrangement for children as “very important,” by type of arrangement: 2016

Type of arrangement	Factor rated as “very important” when selecting care arrangement										
	Rated at least one factor as “very important” when selecting care arrangement	Location	Cost	Reliability	Learning activities	Time with other children	Availability of care provider	Number of children in care group	Ratings on a website	Recommendations from family and/or friends	Program’s religious orientation
All arrangement types¹	99	61	51	86	77	67	72	39	27	50	16
Relative care only	98	65	63	85	73	58	78	45	31	53	26
Grandparent	98	64	62	84	70	58	78	44	33	51	28
Aunt or uncle	100 ²	69	74	81	75	52	78	45	24	45	†
All other relatives ³	100 ²	†	†	†	†	†	†	†	†	†	†
Nonrelative care only ⁴	99	65	58	89	58	38	80	33	19	53	12
Own home	100	73	56	91	51	20	84	34	20	39	10
Other home	99	62	59	89	61	45	79	32	18	56	11
Center care only ⁵	99	60	47	85	83	74	69	41	29	48	15
Multiple types of arrangements ⁶	99	58	50	86	76	73	71	37	26	52	16

! Interpret data with caution. The standard error for this estimate is between 30 and 50 percent of the estimate’s value.

† Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

¹Among children with at least one regularly scheduled weekly nonparental care arrangement.

²Rounds to 100 percent.

³This category includes the responses “brother/sister” and “another relative.”

⁴Children participating in nonrelative care only and receiving care in both their own home and another home (0.45 percent of all children in at least one weekly nonparental care arrangement) are included in this table but not displayed due to insufficient sample size.

⁵Center-based arrangements include day care centers, Head Start programs, preschools, prekindergartens, and other early childhood programs.

⁶“Multiple types of arrangements” includes children who are in more than one type of weekly care arrangement (e.g., one regularly scheduled primary care arrangement with a relative, and one regularly scheduled primary care arrangement at a center).

NOTE: Estimates include children from birth through age 5 and not yet in kindergarten who are in at least one nonparental care arrangement and whose parents tried to find care. Parents may have chosen care arrangements for children that were different from the options they considered before making a final decision. Since a child may have multiple weekly arrangements within a single type of care (e.g., different arrangements with two or more relatives), parents were asked to only report detailed information on the primary arrangement for that care type. The primary care arrangement is defined as where the child spends the most time within a particular type of care as determined by the parent. Parents who answered that they have not tried to find care for their child have been excluded from this table. Detail may not sum to total because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

National Center for Education Statistics

Table S1.2. Standard errors for Table 1.2: Percentage of children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement whose parents rated various factors used to select weekly care arrangement for children as “very important,” by type of arrangement: 2016

Type of arrangement	Factor rated as “very important” when selecting care arrangement										
	Rated at least one factor as “very important” when selecting care arrangement	Location	Cost	Reliability	Learning activities	Time with other children	Availability of care provider	Number of children in care group	Ratings on a website	Recommendations from family and/or friends	Program’s religious orientation
All arrangement types	0.2	1.2	1.4	1.0	0.9	1.0	1.2	1.1	1.1	1.1	0.9
Relative care only	1.0	4.5	4.4	3.5	3.8	3.9	3.2	4.1	4.1	4.1	4.2
Grandparent	1.3	5.1	4.5	4.5	4.4	4.5	3.9	4.9	5.0	4.3	4.7
Aunt or uncle	†	8.2	8.7	8.6	8.8	10.3	7.7	10.7	9.4	11.1	†
All other relatives	†	†	†	†	†	†	†	†	†	†	†
Nonrelative care only	0.4	2.6	3.1	1.8	2.8	2.8	2.3	3.0	2.7	3.2	2.3
Own home	0.3	5.0	6.2	3.9	6.3	4.7	3.8	6.0	5.3	6.0	3.9
Other home	0.6	3.5	3.6	2.2	3.3	3.8	3.1	3.6	3.2	3.8	2.5
Center care only	0.2	1.8	1.9	1.2	1.2	1.6	1.6	1.4	1.6	1.6	1.2
Multiple types of arrangements	0.4	2.1	2.7	1.5	1.5	1.7	2.1	2.2	2.1	2.1	1.5

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

National Center for Education Statistics

Table 1.3. Percentage of children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, whose parents reported difficulty finding care, by primary reason for difficulty, type of arrangement, and child's age: 2016

Type of arrangement and child's age	Did not try to find care/No difficulty finding care	Difficulty finding care	Among those reporting difficulty finding care, primary reason for difficulty					All other reasons ¹
			Cost	Location	Quality	Lack of open slots for new children		
All arrangement types and ages²	61	39	29	9	24	29	10	
Relative care only	77	23	45	7	11	24	13	
Grandparent	78	22	46	7!	11!	23	12!	
Aunt or uncle	74	26	50	‡	‡	27!	‡	
All other relatives ³	73	27	‡	‡	‡	‡	‡	
Less than one year	83	17	35!	‡	‡	34!	12!	
1–2 years	75	25	47	9!	8!	19!	17!	
3–5 years	72	28	51	10!	12!	23!	‡	
Nonrelative care only ⁴	47	53	33	8	27	23	10	
Own home	40	60	24	‡	36	20!	16!	
Other home	49	51	36	10	22	25	7	
Less than one year	48	52	44	‡	18	24	‡	
1–2 years	46	54	25	7!	33	26	10!	
3–5 years	46	54	39	14!	23	13!	11!	
Center care only ⁵	58	42	23	9	25	35	8	
Less than one year	39	61	19	6!	19	54	‡	
1–2 years	54	46	26	6	31	30	8	
3–5 years	63	37	22	12	23	34	9	
Multiple types of arrangements ⁶	56	44	27	9	26	24	13	
Less than one year	45	55	30	‡	25	24	15!	
1–2 years	51	49	21	6!	32	27	13!	
3–5 years	59	41	28	12	24	23	13	

! Interpret data with caution. The standard error for this estimate is between 30 and 50 percent of the estimate's value.

‡ Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

¹This category includes the responses "need a program for children with special needs" and "other reason—specify."

²Among children with at least one regularly scheduled weekly nonparental care arrangement.

³This category includes the responses "brother/sister" and "another relative."

⁴Children participating in nonrelative care only and receiving care in both their own home and another home (0.45 percent of all children in at least one weekly nonparental care arrangement) are included in this table but not displayed due to insufficient sample size.

⁵Center-based arrangements include day care centers, Head Start programs, preschools, prekindergartens, and other early childhood programs.

⁶"Multiple types of arrangements" includes children who are in more than one type of weekly care arrangement (e.g., one regularly scheduled primary care arrangement with a relative, and one regularly scheduled primary care arrangement at a center).

NOTE: Estimates include children from birth through age 5 and not yet in kindergarten, are in at least one nonparental care arrangement, and whose parents reported at least a little difficulty finding care. Since a child may have multiple weekly arrangements within a single type of care (e.g., different arrangements with two or more relatives), parents were asked to only report detailed information on the primary arrangement for that care type. The primary care arrangement is defined as where the child spends the most time within a particular type of care as determined by the parent. Detail may not sum to total because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPPE-NHES:2016).

National Center for Education Statistics

Table S1.3. Standard errors for Table 1.3: Percentage of children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, whose parents reported difficulty finding care, by primary reason for difficulty, type of arrangement, and child's age: 2016

Type of arrangement and child's age	Did not try to find care/No difficulty finding care	Difficulty finding care	Among those reporting difficulty finding care, primary reason for difficulty				
			Cost	Location	Quality	Lack of open slots for new children	All other reasons
All arrangement types and ages	1.0	1.0	1.5	0.8	1.3	1.5	0.9
Relative care only	2.0	2.0	5.8	2.1	3.2	5.5	3.6
Grandparent	2.3	2.3	6.6	2.7	4.2	6.5	4.2
Aunt or uncle	5.9	5.9	12.9	†	†	12.5	†
All other relatives	6.7	6.7	†	†	†	†	†
Less than one year	3.2	3.2	11.3	†	†	13.6	5.8
1–2 years	3.1	3.1	8.0	3.6	2.5	7.6	6.2
3–5 years	4.3	4.3	8.3	3.8	4.7	6.8	†
Nonrelative care only	3.1	3.1	3.7	1.7	3.6	2.9	2.1
Own home	5.8	5.8	6.1	†	7.9	6.8	5.8
Other home	3.9	3.9	4.7	2.4	3.9	3.4	2.1
Less than one year	5.4	5.4	7.8	†	5.0	5.7	†
1–2 years	3.9	3.9	5.3	2.2	5.5	3.9	3.0
3–5 years	6.3	6.3	7.7	5.0	5.7	4.8	4.5
Center care only	1.5	1.5	1.9	1.3	1.7	2.4	1.1
Less than one year	5.3	5.3	5.2	2.6	5.0	6.1	†
1–2 years	3.3	3.3	3.8	1.6	3.6	3.6	1.7
3–5 years	1.8	1.8	2.4	2.2	2.0	3.2	1.7
Multiple types of arrangements	2.1	2.1	2.8	1.9	2.9	2.7	2.3
Less than one year	7.5	7.5	8.8	†	6.7	6.7	7.0
1–2 years	4.1	4.1	4.6	2.8	7.3	5.7	5.3
3–5 years	2.6	2.6	3.5	3.1	3.5	3.4	2.7

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPN-NHES:2016).

National Center for Education Statistics

Table 1.4. Percentage of children from birth through age 5 and not yet in kindergarten, for which cost was the primary reason for difficulty finding care, participating in various weekly nonparental care arrangements, by type of arrangement and child's age: 2016

Child's age	Weekly nonparental care arrangement ¹										
	No weekly nonparental care arrangement	At least one weekly nonparental care arrangement	Relative care only			Nonrelative care only ²			Center care only		Multiple types of arrangements ⁵
			Any type of relative care	Grand-parent	Aunt or uncle	All other relative ³	Any type of nonrelative care	Own home	Other home	Any type of center care ⁴	
All ages	30	70	23	18	4	4	19	4	14	36	21
Less than one year	25	75	24	19	†	†	37	9	26	21	18
1–2 years	32	68	33	26	6	†	20	3	16	35	12
3–5 years	29	71	14	11	†	†	11	†	7	43	32

† Interpret data with caution. The standard error for this estimate is between 30 and 50 percent of the estimate's value.

‡ Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

¹Among children with at least one regularly scheduled weekly nonparental care arrangement.

²Children participating in nonrelative care only and receiving care in both their own home and another home (1.12 percent of all children in at least one weekly nonparental care arrangement for which cost was the primary reason for difficulty finding care) are included in this table but not displayed due to insufficient sample size.

³This category includes the responses "brother/sister" and "another relative."

⁴Center-based arrangements include day care centers, Head Start programs, preschools, prekindergartens, and other early childhood programs.

⁵"Multiple types of arrangements" includes children who are in more than one type of weekly care arrangement (e.g., one regularly scheduled primary care arrangement with a relative, and one regularly scheduled primary care arrangement at a center).

NOTE: Estimates include children from birth through age 5 and not yet in kindergarten and whose parents reported cost as the primary reason for difficulty finding care. Since a child may have multiple weekly arrangements within a single type of care (e.g., different arrangements with two or more relatives), parents were asked to only report detailed information on the primary arrangement for that care type. The primary care arrangement is defined as where the child spends the most time within a particular type of care as determined by the parent. Detail may not sum to total because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

National Center for Education Statistics

Table S1.4. Standard errors for Table 1.4: Percentage of children from birth through age 5 and not yet in kindergarten, for which cost was the primary reason for difficulty finding care, participating in various weekly nonparental care arrangements, by type of arrangement and child's age: 2016

Child's age	Weekly nonparental care arrangement													
	No weekly nonparental care arrangement	At least one weekly nonparental care arrangement	Relative care only			Nonrelative care only		Center care only						
			Any type of relative care	Grand-parent	Aunt or uncle	All other relative	Any type of nonrelative care	Own home	Other home	Any type of center care	Multiple types of arrangements			
All ages	3.2	3.2	3.4	3.0	1.2	†	†	2.4	2.4	2.4	3.1	3.1	3.1	2.7
Less than one year	4.9	4.9	6.9	6.5	†	†	†	8.1	7.6	5.9	5.9	5.9	5.9	6.3
1-2 years	4.1	4.1	5.8	5.8	2.4	†	†	4.4	4.3	5.4	5.4	5.4	5.4	2.5
3-5 years	6.3	6.3	3.5	3.1	†	†	†	2.6	†	4.3	4.3	4.3	4.3	4.3

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

National Center for Education Statistics

Table 2.1. Percentage of children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, by type of weekly care arrangement, whether child care fees were paid, and source of assistance: 2016

	Weekly nonparental care arrangement ¹									
	Percentage distribution for at least one weekly nonparental care arrangement	Relative care only			Nonrelative care only ²		Center care only			
		Any type of relative care	Grand-parent	Aunt or uncle	All other relatives ³	Any type of nonrelative care	Own home	Other home	Any type of center care ⁴	Multiple types of arrangements ⁵
All children	100	25	20	3	2	12	3	9	42	20
Child care fees										
Not charged any fees	32	58	50	4	4	3	1	2	29	9
Charged fees	68	10	5	3	1	16	4	12	48	25
Assistance with fees										
Does not receive assistance with fees	81	9	6	2	1	18	4	13	49	24
Types of financial assistance	19	13	4	6	2	11	2	9	44	32
Temporary Assistance for Needy Families (TANF) or another social service welfare or child care agency	56	10	4	‡	‡	11	‡	10	45	34
A relative outside the household, employer, or someone else	53	15	4	7	4	11	‡	7	40	34

! Interpret data with caution. The standard error for this estimate is between 30 and 50 percent of the estimate's value.

‡ Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

¹Among children with at least one regularly scheduled weekly nonparental care arrangement.

²Children participating in nonrelative care only and receiving care in both their own home and another home (0.45 percent of all children in at least one weekly nonparental care arrangement) are included in this table but not displayed due to insufficient sample size.

³This category includes the responses "brother/sister" and "another relative."

⁴Center-based arrangements include day care centers, Head Start programs, preschools, prekindergartens, and other early childhood programs.

⁵"Multiple types of arrangements" includes children who are in more than one type of weekly care arrangement (e.g., one regularly scheduled primary care arrangement with a relative, and one regularly scheduled primary care arrangement at a center).

NOTE: Estimates include children from birth through age 5 and not yet in kindergarten. Since a child may have multiple weekly arrangements within a single type of care (e.g., different arrangements with two or more relatives), parents were asked to only report detailed information on the primary arrangement for that care type. The primary care arrangement is defined as where the child spends the most time within a particular type of care as determined by the parent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

National Center for Education Statistics

Table S2.1. Standard errors for Table 2.1: Percentage of children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, by type of weekly care arrangement, whether financial assistance was received, and source of assistance: 2016

	Standard error for at least one weekly nonparental care arrangement	Weekly nonparental care arrangement								
		Relative care only			Nonrelative care only			Center care only		
		Any type of relative care	Grand-parent	Aunt or uncle	All other relatives	Any type of nonrelative care	Own home	Other home	Any type of center care	Multiple types of arrangements
All children	†	0.9	0.9	0.5	0.4	0.6	0.3	0.6	1.0	0.8
Child care fees	0.9	2.2	0.8	0.9	0.6	0.4	0.6	1.9	1.1	1.1
Not charged any fees	0.9	0.7	0.5	0.3	0.8	0.5	0.8	1.2	1.0	1.0
Charged fees										
Assistance with fees										
Does not receive assistance with fees	1.1	0.7	0.4	0.3	1.0	0.5	1.0	1.1	1.0	1.0
Receives assistance with fees	1.1	1.4	2.2	1.0	2.2	0.9	2.0	3.8	3.3	3.3
Types of financial assistance										
Temporary Assistance for Needy Families (TANF) or another social service welfare or child care agency	3.6	1.7	†	†	3.1	†	3.1	†	6.1	4.7
A relative outside the household employer, or someone else	3.8	1.8	3.1	1.7	2.8	†	2.4	†	3.9	4.1

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

National Center for Education Statistics

Table 2.2. Percentage of children from birth to age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, by type of weekly care arrangement, child's age, whether financial assistance was received, and source of assistance: 2016

	Percentage distribution for weekly nonparental care arrangement	Weekly nonparental care arrangement ¹									
		Relative care only			Nonrelative care only ²			Center care only		Multiple types of arrangements ⁵	
		Any type of relative care	Grandparent	Aunt or uncle	All other relatives ³	Any type of nonrelative care	Own home	Other home	Any type of center care ⁴		
Children less than one year old	100	47	38	6	3	19	6	12	21	12	12
Child care fees											
Not charged any fees	41	85	77	5	3	6	†	†	5	†	4
Charged fees	59	21	10	7	4	28	8	19	33	19	18
Assistance with fees											
Does not receive assistance with fees	83	20	11	5	4	30	9	19	34	19	16
Receives assistance with fees	17	27	†	†	†	23	†	†	24	†	26
Children ages 1–2	100	33	26	4	3	18	5	13	35	14	14
Child care fees											
Not charged any fees	31	82	69	6	8	3	†	†	11	†	4
Charged fees	69	11	7	3	1	24	6	18	46	18	18
Assistance with fees											
Does not receive assistance with fees	81	10	7	2	1	26	6	19	46	19	18
Receives assistance with fees	19	15	†	†	†	17	†	†	50	†	18
Children ages 3–5	100	10	8	2	1	5	1	4	56	28	28
Child care fees											
Not charged any fees	29	23	20	1	2	2	†	†	58	†	17
Charged fees	71	5	3	2	1	7	1	5	55	5	33
Assistance with fees											
Does not receive assistance with fees	80	5	3	1	1	7	1	6	57	6	31
Receives assistance with fees	20	7	†	†	†	4	†	†	46	†	44

! Interpret data with caution. The standard error for this estimate is between 30 and 50 percent of the estimate's value.

† Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

¹Among children with at least one regularly scheduled weekly nonparental care arrangement.

²Children participating in nonrelative care only and receiving care in both their own home and another home (0.45 percent of all children in at least one weekly nonparental care arrangement) are included in this table but not displayed due to insufficient sample size.

³This category includes the responses "brother/sister" and "another relative."

⁴Center-based arrangements include day care centers, Head Start programs, preschools, prekindergartens, and other early childhood programs.

⁵Multiple types of arrangements" includes children who are in more than one type of weekly care arrangement (e.g., one regularly scheduled primary care arrangement with a relative, and one regularly scheduled primary care arrangement at a center).

NOTE: Estimates include children from birth through age 5 and not yet in kindergarten. Since a child may have multiple weekly arrangements within a single type of care (e.g., different arrangements with two or more relatives), parents were asked to only report detailed information on the primary arrangement for that care type. The primary care arrangement is defined as where the child spends the most time within a particular type of care as determined by the parent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPPE-NHES:2016).

National Center for Education Statistics

Table S2.2. Standard errors for Table 2.2: Percentage of children from birth to age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, by type of weekly care arrangement, child's age, whether child care fees were paid, whether financial assistance was received, and source of assistance: 2016

	Standard error for weekly nonparental care arrangement	Weekly nonparental care arrangement									
		Relative care only					Nonrelative care only			Center care only	
		Any type of relative care	Grandparent	Aunt or uncle	All other relatives	Any type of nonrelative care	Own home	Other home	Any type of center care	Multiple types of arrangements	
Child's age/child care fees and assistance		2.8	3.0	1.5	0.9	1.9	1.1	1.6	1.8	1.6	
Children less than one year old	†										
Child care fees	2.9	3.0	2.2	1.3	1.9	†	1.5	†	1.6	1.6	
Not charged any fees	2.9	2.1	2.1	1.2	2.7	1.6	2.3	2.6	2.6	2.6	
Charged fees											
Assistance with fees											
Does not receive assistance with fees	3.0	2.3	1.4	1.4	2.7	1.7	2.4	2.8	2.4	2.4	
Receives assistance with fees	3.0	†	†	†	8.7	†	†	6.7	9.6	9.6	
Children ages 1–2											
Child care fees	†	1.5	1.6	0.7	0.8	1.2	0.7	1.1	1.7	1.0	
Not charged any fees	1.6	2.5	1.8	2.4	1.3	†	†	2.4	1.0	1.0	
Charged fees	1.6	1.4	0.6	0.5	1.6	0.9	1.6	2.2	1.4	1.4	
Assistance with fees											
Does not receive assistance with fees	2.3	1.5	1.4	0.6	0.3	1.8	1.0	1.9	2.0	1.4	
Receives assistance with fees	2.3	4.5	†	†	5.1	†	†	8.0	4.7	4.7	
Children ages 3–5											
Child care fees	†	1.0	0.8	0.5	0.3	0.6	0.2	0.5	1.5	1.1	
Not charged any fees	1.4	2.3	0.4	0.7	0.8	†	†	2.9	1.9	1.9	
Charged fees	1.4	1.0	0.7	0.3	0.8	0.3	0.3	1.5	1.4	1.4	
Assistance with fees											
Does not receive assistance with fees	1.3	0.9	0.7	0.6	0.3	0.9	0.4	0.8	1.4	1.4	
Receives assistance with fees	1.3	2.8	†	†	1.8	†	†	4.2	4.3	4.3	

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

National Center for Education Statistics

Table 3.1. Percentage and mean per child hourly out-of-pocket expense paid for families with any out-of-pocket expense for child care for children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, by type of arrangement and selected child and family characteristics: 2016

Characteristic	Children in at least one weekly nonparental care arrangement with any out-of-pocket expense arrangement	Hourly out-of-pocket expense by type of weekly nonparental care arrangement						Multiple types of arrangements ⁴	
		Relative care only ¹			Nonrelative care only ²				Center care only
		Any type of relative care	Grand-parent	Aunt or uncle	Any type of nonrelative care	Own home	Other home		
Total	67	\$4.86	\$4.86	\$4.60	\$5.85	\$8.29	\$5.02	\$7.37	\$7.56
Child's age									
Less than one year	58	4.59	4.66	†	6.21	8.59	4.97	7.93	7.32
1–2 years	68	5.19	5.61	†	6.19	8.84	5.32	7.44	9.20
3–5 years	70	4.65	†	†	4.39	†	4.26	7.22	6.91
Child's sex									
Male	67	5.06	4.71	†	5.80	7.86	5.04	8.00	7.86
Female	67	4.59	5.09	†	5.90	8.85	4.99	6.75	7.25
Child's race/ethnicity									
White, non-Hispanic	73	3.92	4.08	†	5.53	7.68	4.78	7.12	7.06
Black, non-Hispanic	60	†	†	†	†	†	†	5.13	10.83 !
Hispanic	59	5.49	5.83	†	7.10	†	5.84	8.66	6.18
Asian or Pacific Islander, non-Hispanic	65	†	†	†	†	†	†	10.91	12.80
Other race, non-Hispanic ⁵	64	†	†	†	†	†	†	7.68	5.89
Family type									
Two parents or guardians	71	5.01	5.08	4.52 !	6.01	8.90	4.94	7.83	7.78
One parent or guardian	55	4.31 !	†	†	5.04	†	5.37	4.81	6.80 !
English spoken at home by parents/guardians ⁶									
Both/only parent(s)/guardian(s) speak(s) English	69	4.42	4.26	4.41	5.58	8.38	4.67	7.31	7.27
One of two parents/guardians speaks English	40	†	†	†	†	†	†	†	†
No parent/guardian speaks English	58	6.75	†	†	†	†	†	8.71	10.51 !
Highest education level of parents/guardians									
Less than high school	42	†	†	†	†	†	†	†	†
High school/GED	45	†	†	†	†	†	†	†	5.44
Vocational/technical or some college	63	3.45	3.60	†	4.26	†	4.28	5.50	6.07
Bachelor's degree	76	6.42	†	†	5.61	†	4.73	7.37	9.21
Graduate or professional degree	82	6.94	†	†	7.62	9.42	5.95	9.53	8.41

See notes at end of table.

National Center for Education Statistics

Table 3.1. Percentage and mean per child hourly out-of-pocket expense paid for families with any out-of-pocket expense for child care for children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, by type of arrangement and selected child and family characteristics: 2016—Continued

Characteristic	Children in at least one weekly nonparental arrangement with any out-of-pocket expense arrangement	Hourly out-of-pocket expense by type of weekly nonparental care arrangement						Multiple types of arrangements ⁴	
		Relative care only ¹			Nonrelative care only ²				Center care only
		Any type of relative care	Grand-parent	Aunt or uncle	Any type of nonrelative care	Own home	Other home		
Labor force status of parents/guardians⁷									
Two-parent/guardian family									
Both full time	79	6.87	4.39	4.79	†	9.33	4.65	7.52	7.76
One full time, one part time	65	7.47	5.50	†	†	†	†	8.44	7.07
One full time, one not in labor force	60	7.90	†	†	†	†	†	8.30	6.58
Other	49	9.12	†	†	†	†	†	7.32	†
Single-parent/guardian family									
Full time	64	4.53	†	†	†	†	4.26	4.61	4.49
Part time	49	5.62	†	†	†	†	†	†	†
Not in the labor force	30	†	†	†	†	†	†	†	†
Looking for work	38!	†	†	†	†	†	†	†	†
School enrollment status of parents/guardians									
Both/only enrolled	53	8.76!	†	†	†	†	†	6.63	†
Both/only not enrolled	68	6.90	4.75	4.81	4.22	8.61	4.83	7.47	7.30
One enrolled, one not enrolled	67	6.49	†	†	†	†	5.80	6.77	7.11
Region									
Northeast	67	8.55	†	†	†	†	8.01	8.69	8.82
South	65	6.21	3.53	3.26	†	†	5.44	6.79	6.46
Midwest	70	5.64	4.42	†	†	†	3.45	6.65	5.25
West	68	8.17	6.87	6.73	†	7.69	4.92	8.24	10.06
Household income									
\$20,000 or less	45	5.92!	†	†	†	†	†	3.54	8.97!
\$20,001–\$50,000	56	5.10	4.84	†	†	†	4.31	4.54	6.20
\$50,001–\$75,000	63	5.33	6.26	†	†	†	4.31	6.02	4.76
\$75,001–\$100,000	69	6.27	†	†	†	†	4.80	7.42	6.35
\$100,001 or more	82	8.69	6.21	6.41	†	9.38	6.14	8.93	9.33
Poverty status⁸									
At or above poverty threshold	71	7.10	5.26	5.09	4.94	8.93	5.04	7.63	7.43
Below poverty threshold	44	5.20	3.28	†	†	†	†	3.28	8.35!

See notes at end of table.

National Center for Education Statistics

Table 3.1. Percentage and mean per child hourly out-of-pocket expense paid for families with any out-of-pocket expense for child care for children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, by type of arrangement and selected child and family characteristics: 2016—Continued

¹ Interpret data with caution. The standard error for this estimate is between 30 and 50 percent of the estimate's value.

[‡] Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

¹ Children participating in relative care only and receiving care from "brother/sister" and "another relative" (2.33 percent of all children in at least one weekly nonparental care arrangement) are included in this table but not displayed separately due to insufficient sample size.

² Children participating in nonrelative care only and receiving care in both their own home and another home (0.45 percent of all children in at least one weekly nonparental care arrangement) are included in this table but not displayed separately due to insufficient sample size.

³ Center-based arrangements include day care centers, Head Start programs, preschools, prekindergartens, and other early childhood programs.

⁴ Multiple types of arrangements" includes children who are in more than one type of weekly care arrangement (e.g., one regularly scheduled primary care arrangement with a relative, and one regularly scheduled primary care arrangement at a center).

⁵ Other race, non-Hispanic" includes American Indian and Alaska Native children who are not Hispanic, children who are not Hispanic and reported being of Two or more races, and children with a race/ethnicity not listed in the home.

⁶ Complete descriptions of the categories for English spoken at home by parents/guardians are as follows: (1) both parents/guardians or the only parent/guardian learned English first or currently speak(s) English in the home, (2) one of two parents/guardians in a two-parent/guardian household learned English first or currently speaks English in the home, and (3) no parent/guardian learned English first and both parents/guardians or the only parent/guardian currently speak(s) a non-English language in the home.

⁷ Full-time employment is defined as working 35 hours or more per week. Part-time employment is defined as working less than 35 hours per week.

⁸ Children are considered poor if living in households with incomes below the poverty threshold, which is a dollar amount determined by the federal government to meet the household's needs, given its size and composition. Income is collected in categories in the survey, rather than as an exact amount, and therefore the poverty measures used in this report are approximations of poverty. Detailed information on the poverty status calculation used in this report is available in appendix A.

NOTE: Estimates include children from birth through 5 years of age and not yet in kindergarten, who have at least one regularly scheduled weekly nonparental care arrangement and whose households had an out-of-pocket expense. Children for whom no fee was charged or for whom the period of time covered by the amount indicated (e.g., per hour, per week) could not be determined are excluded from the estimates. Among weekly nonparental care arrangements, an estimated 31.8 percent of children were not charged any fee for child care. Among those being charged a fee, 5.1 percent of children were charged fees that were paid by a source outside the household, resulting in no out-of-pocket expense for child care. Had that 5.1 percent been included in table 3.1, the mean per child hourly out-of-pocket expense for families would decrease to \$6.57. Additionally, 0.7 percent of children were excluded because the period covered by the amount paid could not be determined. Because children may spend more time at one arrangement type over another, a weighted average was calculated using the number of hours per week spent at each arrangement. Since a child may have multiple weekly arrangements within a single type of care (e.g., different arrangements with two or more relatives), parents were asked to only report detailed information on the primary arrangement for that care type. The primary care arrangement is defined as where the child spends the most time within a particular type of care as determined by the parent. Detail may not sum to total because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

National Center for Education Statistics

Table S3.1. Standard errors for Table 3.1: Percentage and mean per child hourly out-of-pocket expense paid for families with any out-of-pocket expense for child care for children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, by type of arrangement and selected child and family characteristics: 2016

Characteristic	Hourly out-of-pocket expense by type of weekly nonparental care arrangement										
	Children in at least one weekly nonparental care arrangement with any out-of-pocket expense	Relative care only				Nonrelative care only			Center care only		Multiple types of arrangements
		At least one weekly nonparental arrangement	Any type of relative care	Grandparent	Aunt or uncle	Any type of nonrelative care	Own home	Other home	Any type of center care		
Total	0.9	\$0.243	\$0.526	\$1.210	\$0.330	\$0.840	\$0.354	\$0.353	\$0.633		
Child's age											
Less than one year	2.9	0.449	0.714	†	0.459	1.181	0.547	1.216	1.033		
1–2 years	1.7	0.538	0.889	†	0.593	1.713	0.550	0.766	1.968		
3–5 years	1.5	0.270	1.121	†	0.394	†	0.400	0.353	0.612		
Child's sex											
Male	1.5	0.333	0.700	†	0.421	0.907	0.527	0.575	0.772		
Female	1.5	0.342	0.817	†	0.538	1.962	0.453	0.359	1.027		
Child's race/ethnicity											
White, non-Hispanic	1.2	0.212	0.448	†	0.370	0.661	0.403	0.301	0.466		
Black, non-Hispanic	3.4	1.208	†	†	†	†	†	0.802	4.520		
Hispanic	2.5	0.664	0.786	†	1.327	†	1.013	1.456	0.689		
Asian or Pacific Islander, non-Hispanic	5.4	1.041	†	†	†	†	†	1.067	3.137		
Other race, non-Hispanic	3.8	0.977	†	†	†	†	†	1.705	0.926		
Family type											
Two parents or guardians	1.1	0.241	0.564	1.406	0.354	1.074	0.342	0.385	0.542		
One parent or guardian	3.0	0.808	1.310	†	0.850	†	1.049	0.651	2.294		
English spoken at home by parents/guardians											
Both/only parent(s)/guardian(s) speak(s) English	0.9	0.254	0.519	1.289	0.327	0.918	0.311	0.368	0.616		
One of two parents/guardians speaks English	7.5	2.218	†	†	†	†	†	†	†		
No parent/guardian speaks English	4.7	1.042	1.572	†	†	†	†	1.220	4.597		
Highest education level of parents/guardians											
Less than high school	6.6	1.148	†	†	†	†	†	†	†		
High school/GED	3.5	0.493	†	†	†	†	†	1.181	1.051		
Vocational/technical or some college	1.9	0.360	0.478	†	0.527	†	0.585	0.355	1.166		
Bachelor's degree	1.6	0.495	1.559	†	0.427	†	0.438	0.413	1.657		
Graduate or professional degree	1.5	0.441	1.591	†	0.756	1.602	0.832	0.713	0.461		

See notes at end of table.

National Center for Education Statistics

Table S3.1. Standard errors for Table 3.1: Percentage and mean per child hourly out-of-pocket expense paid for families with any out-of-pocket expense for child care for children from birth through age 5 and not yet in kindergarten in at least one weekly nonparental care arrangement, by type of arrangement and selected child and family characteristics: 2016—Continued

Characteristic	Children in at least one weekly nonparental care arrangement with any out-of-pocket expense	At least one weekly nonparental care arrangement	Hourly out-of-pocket expense by type of weekly nonparental care arrangement						Multiple types of arrangements	
			Relative care only		Nonrelative care only		Center care only			
			Any type of relative care	Grandparent	Aunt or uncle	Any type of nonrelative care	Own home	Other home		Any type of center care
Labor force status of parents/guardians										
Two-parent/guardian family										
Both full time	1.3	0.250	0.503	0.648	†	0.422	1.610	0.374	0.403	0.594
One full time, one part time	2.4	0.463	1.249	†	†	0.758	†	†	0.750	0.848
One full time, one not in labor force	2.8	0.789	†	†	†	1.258	†	†	1.013	0.880
Other	4.8	1.831	†	†	†	†	†	†	1.693	†
Single-parent/guardian family										
Full time	3.3	0.435	†	†	†	0.780	†	0.879	0.732	0.623
Part time	5.7	0.927	†	†	†	†	†	†	†	†
Not in the labor force	5.9	†	†	†	†	†	†	†	†	†
Looking for work	11.4	†	†	†	†	†	†	†	†	†
School enrollment status of parents/guardians										
Both/only enrolled	5.0	3.271	†	†	†	†	†	†	1.053	†
Both/only not enrolled	1.0	0.242	0.531	0.632	1.056	0.366	0.989	0.393	0.376	0.496
One enrolled, one not enrolled	3.0	0.560	†	†	†	0.658	†	0.801	1.031	0.823
Region										
Northeast	2.5	0.486	†	†	†	0.917	†	1.326	0.658	1.154
South	1.9	0.268	0.602	0.674	†	0.535	†	0.663	0.395	0.600
Midwest	2.1	0.521	0.920	†	†	0.626	†	0.265	1.067	0.384
West	2.0	0.690	1.504	1.854	†	0.499	1.118	0.578	0.712	2.058
Household income										
\$20,000 or less	3.8	1.851	†	†	†	†	†	†	0.604	4.451
\$20,001–\$50,000	2.6	0.525	1.133	†	†	0.541	†	0.500	0.624	1.468
\$50,001–\$75,000	2.6	0.380	1.645	†	†	0.685	†	0.758	0.559	0.507
\$75,001–\$100,000	3.0	0.389	†	†	†	0.663	†	0.751	0.500	0.646
\$100,001 or more	1.3	0.357	0.991	1.237	†	0.583	1.335	0.670	0.526	0.685
Poverty status										
At or above poverty threshold	1.0	0.235	0.539	0.646	1.380	0.358	1.025	0.366	0.368	0.504
Below poverty threshold	3.4	1.440	0.985	†	†	†	†	†	0.616	3.854

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016).

National Center for Education Statistics

Table 4.1. Percentage and mean per child hourly out-of-pocket expenses paid by families with any out-of-pocket expenses for child care for children from birth through age 5, by assistance with child care expenses received and family characteristics: 2016

Characteristic	Children in at least one weekly nonparental care arrangement with any out-of-pocket expense	Does not receive assistance with fees	Receives assistance with fees
Total	67	\$7.15	\$5.78
Arrangement type ¹			
Relative only	25	4.77	‡
Nonrelative only	91	6.03	4.38
Center care only ²	77	7.83	4.61
Multiple types of arrangements ³	85	7.44	7.96 !
Child's age			
Less than one year	58	6.96	4.89
1–2 years	68	7.38	6.30 !
3–5 years	70	7.03	5.66
Child's sex			
Male	67	7.70	5.07
Female	67	6.58	6.51
Child's race/ethnicity			
White, non-Hispanic	73	6.79	5.50
Black, non-Hispanic	60	6.68	‡
Hispanic	59	7.38	6.32
Asian or Pacific Islander, non-Hispanic	65	11.49	‡
Other race, non-Hispanic ⁴	64	7.42	3.85
Family type			
Two parents or guardians	71	7.34	6.48
One parent or guardian	55	5.75	4.99 !
English spoken at home by parents/guardians ⁵			
Both/only parent(s)/guardian(s) speak(s) English	69	6.97	5.74
One of two parents/guardians speaks English	40	7.55 !	‡
No parent/guardian speaks English	58	9.02	‡
Highest education level of parents/guardians			
Less than high school	42	‡	‡
High school/GED	45	5.32	4.20
Vocational/technical or some college	63	5.49	4.15
Bachelor's degree	76	7.22	9.62 !
Graduate or professional degree	82	8.81	9.09
Labor force status of parents/guardians ⁶			
Two-parent/guardian family			
Both full time	79	6.96	6.00
One full time, one part time	65	7.42	7.84
One full time, one not in labor force	60	8.11	6.12
Other	49	9.62	‡

See notes at end of table.

National Center for Education Statistics

Table 4.1. Percentage and mean per child hourly out-of-pocket expenses paid by families with any out-of-pocket expenses for child care for children from birth through age 5, by assistance with child care expenses received and family characteristics: 2016—Continued

Characteristic	Children in at least one weekly nonparental care arrangement with any out-of-pocket expense	Does not receive assistance with fees	Receives assistance with fees
Single-parent/guardian family			
Full time	64	5.24	3.50
Part time	49	7.01	‡
Not in the labor force	30	‡	‡
Looking for work	38 !	‡	‡
School enrollment status of parents/guardians			
Both/only enrolled	53	7.41	‡
Both/only not enrolled	68	7.23	5.15
One enrolled, one not enrolled	67	6.45	6.78
Region			
Northeast	67	9.11	5.50
South	65	6.39	5.40
Midwest	70	5.96	3.78
West	68	8.08	8.64 !
Household income			
\$20,000 or less	45	5.15	6.34 !
\$20,001–\$50,000	56	5.59	3.97
\$50,001–\$75,000	63	5.36	5.13
\$75,001–\$100,000	69	6.33	5.64
\$100,001 or more	82	8.62	10.14
Poverty status ⁷			
At or above poverty threshold	71	7.29	5.71
Below poverty threshold	44	4.27	5.92 !

! Interpret data with caution. The standard error for this estimate is between 30 and 50 percent of the estimate's value.

‡ Reporting standards not met. Data may be suppressed because the response rate is under 50 percent, there are too few cases for a reliable estimate, or the coefficient of variation (CV) is 50 percent or greater.

¹Among children with at least one regularly scheduled weekly nonparental care arrangement.

²Center-based arrangements include day care centers, Head Start programs, preschools, prekindergartens, and other early childhood programs.

³"Multiple types of arrangements" includes children who are in more than one type of weekly care arrangement (e.g., one regularly scheduled primary care arrangement with a relative, and one regularly scheduled primary care arrangement at a center).

⁴"Other race, non-Hispanic" includes American Indian and Alaska Native children who are not Hispanic, children who are not Hispanic and reported being of Two or more races, and children with a race/ethnicity not listed in the home.

⁵Complete descriptions of the categories for English spoken at home by parents/guardians are as follows: (1) both parents/guardians or the only parent/guardian learned English first or currently speak(s) English in the home, (2) one of two parents/guardians in a two-parent/guardian household learned English first or currently speaks English in the home, and (3) no parent/guardian learned English first and both parents/guardians or the only parent/guardian currently speak(s) a non-English language in the home.

⁶Full-time employment is defined as working 35 hours or more per week. Part-time employment is defined as working less than 35 hours per week.

⁷Children are considered poor if living in households with incomes below the poverty threshold, which is a dollar amount determined by the federal government to meet the household's needs, given its size and composition. Income is collected in categories in the survey, rather than as an exact amount, and therefore the poverty measures used in this report are approximations of poverty. Detailed information on the poverty status calculation used in this report is available in appendix A.

NOTE: Estimates include children from birth through 5 years of age and not yet in kindergarten, who have at least one regularly scheduled weekly nonparental care arrangement and whose households had an out-of-pocket expense. Children for whom no fee was charged or for whom the period of time covered by the amount indicated (e.g., per hour, per week) could not be determined are excluded from the estimates. Among weekly nonparental care arrangements, an estimated 31.8 percent of children were not charged any fee for child care. Among those being charged a fee, 5.1 percent of children were charged fees that were paid by a source outside the household, resulting in no out-of-pocket expense for child care. Had those 5.1 percent been included in table 4.1, the mean per child hourly out-of-pocket expense for families in which no assistance with fees is received would decrease to \$7.05 and the mean per child out-of-pocket expense for families receiving assistance with fees would decrease to \$4.51. Additionally, 0.7 percent of children were excluded because the period covered by the amount paid could not be determined. Because children may spend more time at one arrangement type over another, a weighted average was calculated using the number of hours per week spent at each arrangement. Detail may not sum to total because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPN-NHES:2016).

National Center for Education Statistics

Table S4.1. Standard errors for Table 4.1: Percentage and mean per child hourly out-of-pocket expenses paid by families with any out-of-pocket expenses for child care for children from birth through age 5, by assistance with child care expenses received and family characteristics: 2016

Characteristic	Children in at least one weekly nonparental care arrangement with any out-of-pocket expense	Does not receive assistance with fees	Receives assistance with fees
Total	0.9	\$0.240	\$0.910
Arrangement type			
Relative only	2.1	0.572	†
Nonrelative only	1.7	0.332	1.246
Center care only	1.4	0.374	0.773
Multiple types of arrangements	1.8	0.507	2.460
Child's age			
Less than one year	2.9	0.509	1.360
1–2 years	1.7	0.470	2.376
3–5 years	1.5	0.295	0.612
Child's sex			
Male	1.5	0.389	0.624
Female	1.5	0.210	1.779
Child's race/ethnicity			
White, non-Hispanic	1.2	0.236	0.657
Black, non-Hispanic	3.4	0.904	†
Hispanic	2.5	0.820	1.117
Asian or Pacific Islander, non-Hispanic	5.4	1.082	†
Other race, non-Hispanic	3.8	1.312	0.494
Family type			
Two parents or guardians	1.1	0.272	0.711
One parent or guardian	3.0	0.353	1.811
English spoken at home by parents/guardians			
Both/only parent(s)/guardian(s) speak(s) English	0.9	0.250	0.975
One of two parents/guardians speaks English	7.5	2.435	†
No parent/guardian speaks English	4.7	1.206	†
Highest education level of parents/guardians			
Less than high school	6.6	†	†
High school/GED	3.5	0.621	1.088
Vocational/technical or some college	1.9	0.459	0.560
Bachelor's degree	1.6	0.357	3.697
Graduate or professional degree	1.5	0.473	1.228
Labor force status of parents/guardians			
Two-parent/guardian family			
Both full time	1.3	0.279	0.753
One full time, one part time	2.4	0.422	2.190
One full time, one not in labor force	2.8	0.877	1.133
Other	4.8	2.190	†

See notes at end of table.

National Center for Education Statistics

Table S4.1. Standard errors for Table 4.1: Percentage and mean per child hourly out-of-pocket expenses paid by families with any out-of-pocket expenses for child care for children from birth through age 5, by assistance with child care expenses received and family characteristics: 2016—Continued

Characteristic	Children in at least one weekly nonparental care arrangement with any out-of-pocket expense	Does not receive assistance with fees	Receives assistance with fees
Single-parent/guardian family			
Full time	3.3	0.390	0.788
Part time	5.7	1.310	†
Not in the labor force	5.9	†	†
Looking for work	11.4	†	†
School enrollment status of parents/guardians			
Both/only enrolled	5.0	1.214	†
Both/only not enrolled	1.0	0.260	0.597
One enrolled, one not enrolled	3.0	0.579	1.297
Region			
Northeast	2.5	0.541	1.175
South	1.9	0.309	0.773
Midwest	2.1	0.570	1.002
West	2.0	0.531	3.297
Household income			
\$20,000 or less	3.8	0.764	2.875
\$20,001–\$50,000	2.6	0.612	0.840
\$50,001–\$75,000	2.6	0.380	1.363
\$75,001–\$100,000	3.0	0.402	1.016
\$100,001 or more	1.3	0.384	1.716
Poverty status			
At or above poverty threshold	1.0	0.251	0.682
Below poverty threshold	3.4	0.524	2.566

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPN-NHES:2016).

APPENDIX A

Variables Calculated From the ECPP-NHES:2016

POVERTY STATUS

This variable indicates whether a sample child resided in a household categorized as poor or nonpoor. The income variable used to establish whether a child resided in a household categorized as poor or nonpoor is TTLHHINC, which lists possible income ranges in increments of \$10,000 or \$9,999 (e.g., \$0 to \$10,000, \$10,001 to \$20,000, \$20,001 to \$30,000, up to “over \$150,001”). If data for TTLHHINC are missing, then they are imputed. This NHES item provides only an approximate measure of income, rather than a specific dollar amount. Therefore, a midpoint of each income variable range is calculated to take into account the variance of income, and therefore poverty status, within a given income range.

The midpoint is calculated as follows: the minimum of a range (e.g., \$10,001) is subtracted from the maximum of a range (e.g., \$20,000), then this difference is divided in half (e.g., \$5,000), and then that value is added to the minimum of the range (e.g., \$15,001).

Using these midpoints of TTLHHINC values and household size (HHTOTALXX), poverty thresholds are then used to establish whether a child resided in a household categorized as poor or nonpoor. Thresholds to define poverty are based on weighted averages from 2015 U.S.

Census Bureau poverty thresholds.

A household is considered poor if a household of a particular size matches the income categories shown in exhibit A-1. Otherwise, the household is considered to be nonpoor.

TYPES OF CARE

RCARRNEWX, NCARRNEWX, and CPARRNEWX are used to create variables for Relative Care Only, Nonrelative Care Only, Center-Based Care Only, and Multiple Care Arrangements. For example, if a sampled child participates in Relative Care Only RCARRNEWX=1 or 2, NCARRNEWX=0, and CPARRNEWX=0. For multiple care arrangements, a variable was created to count the number of care arrangements reported.

TYPES OF ASSISTANCE

Due to small sample sizes, the categories for those receiving assistance from Temporary Assistance for Needy Families (TANF) and another social service welfare or child care agency are combined. The combined variables include data from RCTANF, NCTANF, CPTANF, RCSSAC, NCSSAC, and CPSSAC.

Due to small sample sizes, the categories for those receiving assistance from a relative outside the household, an employer, or someone else are combined into one category. The combined variables include data from RCEMPL, NCEMPL, CPEMPL, RCOTHER, NCMOTHER, CPOTHER, RCREL, NCREL, and CPREL.

Exhibit A-1. Poverty definition for Early Childhood Program Participation (ECPP) analyses, by household size

Household size (HHTOTALXX) ¹	Income categories in variable (TTLHHINC)
2	Less than or equal to \$20,000 (TTLHHINC=1, 2)
3	Less than or equal to \$20,000 (TTLHHINC=1, 2)
4	Less than or equal to \$20,000 (TTLHHINC=1, 2)
5	Less than or equal to \$30,000 (TTLHHINC=1, 2, 3)
6	Less than or equal to \$30,000 (TTLHHINC=1, 2, 3)
7	Less than or equal to \$40,000 (TTLHHINC=1, 2, 3, 4)
8	Less than or equal to \$40,000 (TTLHHINC=1, 2, 3, 4)
9+	Less than or equal to \$50,000 (TTLHHINC=1, 2, 3, 4, 5)

¹Household size indicates the total number of individuals living in the household, top-coded to 10 for the NHES:2016. SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the 2016 National Household Education Surveys Program (ECPP-NHES:2016); U.S. Census Bureau, Poverty Thresholds for 2015 by Size of Family and Number of Related Children.

MEAN PER CHILD HOURLY OUT-OF-POCKET COSTS

Parents indicated whether there was a charge or a fee for their primary relative care arrangement (RCFEE). If parents reported a charge, then they were asked their out-of-pocket cost (RCCOST) and unit of cost (i.e., hour, day, week, month, year, every 2 weeks, and other) for the primary relative care arrangement (RCUNIT). Parents were also asked how many days (RCDAYS) and hours each week (RCHRS) the child was in the primary relative arrangement. In addition, parents were asked to indicate how many children from the household the cost amount included (RCCSTHNX) to ensure that the reported cost of care was solely for the sampled child.

Parents indicated whether there was a charge or fee for their primary nonrelative care arrangement (NCFEE). If parents reported a charge, then

they were asked their out-of-pocket cost (NCCOST) and unit of cost for the primary nonrelative care arrangement (NCUNIT). Parents were also asked how many days (NCDAYS) and hours each week (NCHRS) the child was in the primary nonrelative arrangement. In addition, parents were asked to indicate how many children from the household the cost amount included (NCCSTHNX) to ensure that the reported cost of care was solely for the sampled child.

Parents indicated whether there was a charge or fee for their primary center-based care arrangement (CPFEE). If parents reported a charge, they were asked their out-of-pocket cost (CPCOST) and unit of cost for the primary center-based care arrangement (CPUNIT). Parents were also asked how many days (CPDAYS) and hours each week (CPHRS) the child was in the primary center-based

arrangement. In addition, parents were asked to indicate how many children from the household the cost amount included (CPCSTHNX) to ensure that the reported cost of care was solely for the sampled child.

As noted above, parents could report costs for primary care arrangements in different units (e.g., hourly, weekly, monthly, etc.). Information about time spent in each primary care arrangement, the out-of-pocket cost for the arrangement, the unit of cost for the arrangement, and the number of children covered by that cost are used to derive an hourly per child cost for each primary arrangement type. To create a more representative mean cost for children in multiple arrangements, the hourly per child cost for each arrangement type is weighted by the percentage of time spent in that arrangement.