

Appendix E  
CACFP meal costs and revenues supplementary tables

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**Table E.1.** Total cost (food and labor) per CACFP meal for early child care programs

	Child care centers		Head Start centers		All	
	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median
<b>CACFP meal type</b>						
Breakfast	8.0 (1.0)~	6.3	10.5 (1.6)	9.0	8.8 (0.8)	6.3
Lunch	8.7** (0.7)~	7.9	12.3 (1.5)	10.8	9.7 (0.6)	8.7
Supper	-	-	n.a.	n.a.	-	-
Snack	5.4* (0.7)~	4.1	8.6 (1.3)	7.4	6.3 (0.6)	4.8
<b>Number of early child care programs</b>	<b>61</b>	<b>61</b>	<b>59</b>	<b>59</b>	<b>120</b>	<b>120</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program in Program Year 2022–2023.

Estimates are presented in dollars unless otherwise specified.

Difference between child care centers and Head Start centers is significantly different from zero at the \*\*\*0.001 level, \*\*0.01 level, or \*0.05 level.

- Estimate is suppressed to protect against disclosure risks because there are only one or two observations.

~ Estimate has an effective sample size of fewer than 30 observations. The effective sample size is calculated as the sample size divided by the design effect for each estimate.

CACFP = Child and Adult Care Food Program, n.a. = not applicable, SE = standard error.

**Table E.2.** Total cost (food and labor) per CACFP meal for before and after school programs

	At-risk afterschool centers		Outside-school-hours care centers		All	
	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median
<b>CACFP meal type</b>						
Breakfast	n.a.	n.a.	4.6 (0.7)~	4.7	4.6 (0.7)~	4.7
Supper	8.9 (1.4)~	8.0	6.8 (1.5)~	5.3	8.9 (1.4)~	8.0
Snack	6.6 (2.6)^~	3.2	5.7 (1.4)~	2.7	6.6 (2.4)^~	3.2
<b>Number of before and after school programs</b>	<b>22</b>	<b>22</b>	<b>13</b>	<b>13</b>	<b>35</b>	<b>35</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all before and after school programs participating in the Child and Adult Care Food Program in Program Year 2022–2023.

Estimates are presented in dollars unless otherwise specified.

Difference between at-risk afterschool centers and outside-school-hours care centers is significantly different from zero at the \*\*\*0.001 level, \*\* 0.01 level, or \* 0.05 level.

^ Estimate is considered imprecise because the standard error is more than 30 percent of the estimate.

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**Table E.3.** Food cost per infant feeding and mean feedings per day in early child care programs

	Mean	5th percentile	25th percentile	Median	75th percentile	95th percentile
Food cost per infant feeding (\$)	3.9 ~	0.9 ~	2.6 ~	3.5 ~	6.4 ~	7.0 ~
Mean number of feedings per infant per day	4.3	2.7	4.0	4.4	4.6	6.0
<b>Number of programs serving infants</b>	<b>40</b>					

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Infant Menu Survey and Sponsor/Center Cost Interview, winter through summer, 2023.

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**Table E.4.** Distribution of programs by total cost (food and labor) per CACFP breakfast in early child care programs

	Child care centers	Head Start centers	All
<b>Total cost per CACFP breakfast</b>			
0.00 to 0.99	0.0	0.0	0.0
1.00 to 1.99	-	6.7^	2.6^
2.00 to 2.99	8.2^~	4.0^	7.0^
3.00 to 3.99	1.4^	-	3.6^
4.00 to 4.99	22.5^~	9.0^	18.4^
5.00 to 5.99	13.9^~	5.0^	11.2^
6.00 to 6.99	-	-	9.7^~
7.00 to 7.99	1.2^	8.8^	3.5^
8.00 to 8.99	-	2.9^	4.7^
9.00 to 9.99	5.5^~	10.6^	7.1^
10.00 to 10.99	-	-	12.5^~
11.00 to 11.99	-	2.0^	0.7^
12.00 to 12.99	-	2.4^	1.1^
13.00 to 13.99	0.9^	-	1.2^
14.00 to 14.99	-	-	3.1^
15.00 and above	8.8^~	24.8^	13.6^
<b>Total cost per CACFP breakfast compared to USDA subsidy (\$)</b>			
Below applicable USDA subsidy	0.0	7.1^	2.1^
Below free rate	-	7.7^	2.9^
<b>Total cost per CACFP breakfast (\$)</b>			
Mean	8.0~	10.5	8.8
5th percentile	2.7~	1.5	2.7
25th percentile	4.3~	4.4	4.4
Median	6.3~	9.0	6.3
75th percentile	10.1~	14.1	10.1
95th percentile	22.7~	22.9	22.7

	Child care centers	Head Start centers	All
Number of early child care programs	54	55	109

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program in Program Year 2022–2023. Estimates are percentages unless otherwise noted.

Difference between child care centers and Head Start centers is significantly different from zero at the \*\*\*0.001 level, \*\*0.01 level, or \*0.05 level.

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CACFP = Child and Adult Care Food Program, USDA = United States Department of Agriculture.

**Table E.5.** Distribution of programs by total cost (food and labor) per CACFP lunch in early child care programs

	Child care centers	Head Start centers	All
<b>Total cost per CACFP lunch</b>			
0.00 to 0.99	0.0	0.0	0.0
1.00 to 1.99	-	0.0	-
2.00 to 2.99	-	6.2^	1.9^
3.00 to 3.99	7.5^~	3.5^	6.4^
4.00 to 4.99	-	-	2.2^
5.00 to 5.99	17.0^~	9.0^	14.7^
6.00 to 6.99	10.4^~	11.7^	10.8^
7.00 to 7.99	11.8^~	0.0	8.4^~
8.00 to 8.99	11.7^~	-	9.7^
9.00 to 9.99	10.0^~	4.7^	8.5^
10.00 to 10.99	13.5^~	10.6^	12.6^~
11.00 to 11.99	0.0**	15.5^	4.4^
12.00 to 12.99	4.1^	1.8^	3.4^
13.00 to 13.99	3.0^	-	2.3^
14.00 to 14.99	0.0	-	-
15.00 and above	7.7**^	29.1^	13.8
<b>Total cost per CACFP lunch compared to USDA subsidy (\$)</b>			
Below applicable USDA subsidy	-	9.0^	3.0^
Below free rate	8.3^~	9.8^	8.7^
<b>Total cost per CACFP lunch (\$)</b>			
Mean	8.7**~	12.3	9.7
5th percentile	3.7~	2.7	3.7
25th percentile	5.7~	6.7	5.8
Median	7.9~	10.8	8.7
75th percentile	10.6~	17.3	10.8
95th percentile	18.8~	23.5	22.8

	Child care centers	Head Start centers	All
Number of early child care programs	57	55	112

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program in Program Year 2022–2023. Estimates are percentages unless otherwise noted.

Difference between child care centers and Head Start centers is significantly different from zero at the \*\*\*0.001 level, \*\*0.01 level, or \*0.05 level.

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**Table E.6.** Distribution of programs by total cost (food and labor) per CACFP snack in early child care programs

	Child care centers	Head Start centers	All
<b>Total cost per CACFP snack</b>			
0.00 to 0.99	0.0	0.0	0.0
1.00 to 1.99	9.6^~	-	7.2^
2.00 to 2.99	17.1^~	14.1^	16.3^
3.00 to 3.99	23.0^~	16.4^	21.2^~
4.00 to 4.99	10.6^~	-	7.9^
5.00 to 5.99	1.4^	6.9^	2.9^
6.00 to 6.99	7.5^~	9.1^	7.9^
7.00 to 7.99	-	13.1^	7.2^
8.00 to 8.99	13.2^~	5.1^	11.0^
9.00 to 9.99	3.9^	-	5.0^
10.00 to 10.99	2.2^	-	1.8^
11.00 to 11.99	-	-	-
12.00 to 12.99	4.1^	0.0	3.0^
13.00 to 13.99	-	-	-
14.00 to 14.99	0.0	0.0	0.0
15.00 and above	1.7**^	23.3^	7.6^
<b>Total cost per CACFP snack compared to USDA subsidy (\$)</b>			
Below applicable USDA subsidy	0.0	0.0	0.0
Below free rate	0.0	0.0	0.0
<b>Total cost per CACFP snack (\$)</b>			
Mean	5.4*~	8.6	6.3
5th percentile	1.6~	2.6	1.6
25th percentile	2.8~	3.5	3.1
Median	4.1~	7.4	4.8
75th percentile	8.3~	10.6	8.5
95th percentile	12.6~	19.3	18.7

	Child care centers	Head Start centers	All
Number of early child care programs	61	53	114

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program in Program Year 2022–2023. Estimates are percentages unless otherwise noted.

Difference between child care centers and Head Start centers is significantly different from zero at the \*\*\*0.001 level, \*\*0.01 level, or \*0.05 level.

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**Table E.7.** Distribution of programs by total cost (food and labor) per CACFP breakfast in before and after school programs

	At-risk afterschool centers	Outside-school-hours care centers	All
<b>Total cost per CACFP breakfast</b>			
0.00 to 0.99	n.a.	0.0~	0.0~
1.00 to 1.99	n.a.	-	-
2.00 to 2.99	n.a.	-	-
3.00 to 3.99	n.a.	0.0~	0.0~
4.00 to 4.99	n.a.	-	-
5.00 to 5.99	n.a.	0.0~	0.0~
6.00 to 6.99	n.a.	-	-
7.00 to 7.99	n.a.	-	-
8.00 to 8.99	n.a.	0.0~	0.0~
9.00 to 9.99	n.a.	-	-
10.00 to 10.99	n.a.	0.0~	0.0~
11.00 to 11.99	n.a.	0.0~	0.0~
12.00 to 12.99	n.a.	0.0~	0.0~
13.00 to 13.99	n.a.	0.0~	0.0~
14.00 to 14.99	n.a.	0.0~	0.0~
15.00 and above	n.a.	0.0~	0.0~
<b>Total cost per CACFP breakfast compared to USDA subsidy (\$)</b>			
Below applicable USDA subsidy	n.a.	0.0~	0.0~
Below free rate	n.a.	-	-
<b>Total cost per CACFP breakfast (\$)</b>			
Mean	n.a.	4.6~	4.6~
5th percentile	n.a.	1.6~	1.6~
25th percentile	n.a.	3.0~	3.0~
Median	n.a.	4.7~	4.7~
75th percentile	n.a.	6.3~	6.3~
95th percentile	n.a.	9.0~	9.0~

	At-risk afterschool centers	Outside-school-hours care centers	All
Number of before and after school programs	0	8	8

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all before and after school programs participating in the Child and Adult Care Food Program in Program Year 2022–2023. Estimates are percentages unless otherwise noted.

Difference between at-risk afterschool centers and outside-school-hours care centers is significantly different from zero at the \*\*\*0.001 level, \*\* 0.01 level, or \* 0.05 level.

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**Table E.8.** Distribution of programs by total cost (food and labor) per CACFP supper in before and after school programs

	At-risk afterschool centers	Outside-school-hours care centers	All
<b>Total cost per CACFP supper</b>			
0.00 to 0.99	0.0~	0.0~	0.0~
1.00 to 1.99	0.0~	0.0~	0.0~
2.00 to 2.99	15.0**^~	0.0~	14.7^~
3.00 to 3.99	0.0~	0.0~	0.0~
4.00 to 4.99	-	-	12.6^~
5.00 to 5.99	0.0***~	73.7~	1.6^~
6.00 to 6.99	-	0.0~	-
7.00 to 7.99	0.0~	0.0~	0.0~
8.00 to 8.99	17.5^~	0.0~	17.1^~
9.00 to 9.99	-	0.0~	-
10.00 to 10.99	0.0~	0.0~	0.0~
11.00 to 11.99	-	0.0~	-
12.00 to 12.99	0.0~	0.0~	0.0~
13.00 to 13.99	0.0~	0.0~	0.0~
14.00 to 14.99	-	0.0~	-
15.00 and above	-	-	7.2^~
<b>Total cost per CACFP supper compared to USDA subsidy (\$)</b>			
Below applicable USDA subsidy	15.0**^~	0.0~	14.7^~
Below free rate	15.0**^~	0.0~	14.7^~
<b>Total cost per CACFP supper (\$)</b>			
Mean	8.9~	6.8~	8.9~
5th percentile	2.5~	4.2~	2.5~
25th percentile	4.3~	5.2~	4.3~
Median	8.0~	5.3~	8.0~
75th percentile	14.6~	5.3~	14.6~
95th percentile	19.4~	18.5~	19.4~

	At-risk afterschool centers	Outside-school-hours care centers	All
Number of before and after school programs	17	5	22

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all before and after school programs participating in the Child and Adult Care Food Program in Program Year 2022–2023. Estimates are percentages unless otherwise noted.

Difference between at-risk afterschool centers and outside-school-hours care centers is significantly different from zero at the \*\*\*0.001 level, \*\* 0.01 level, or \* 0.05 level.

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**Table E.9.** Distribution of programs by total cost (food and labor) per CACFP snack in before and after school programs

	At-risk afterschool centers	Outside-school-hours care centers	All
<b>Total cost per CACFP snack</b>			
0.00 to 0.99	0.0~	0.0~	0.0~
1.00 to 1.99	22.2^~	-	21.1^~
2.00 to 2.99	-	51.9~	23.2^~
3.00 to 3.99	-	0.0~	-
4.00 to 4.99	0.0~	-	-
5.00 to 5.99	0.0~	-	-
6.00 to 6.99	-	0.0~	-
7.00 to 7.99	-	0.0~	-
8.00 to 8.99	0.0~	-	-
9.00 to 9.99	0.0~	0.0~	0.0~
10.00 to 10.99	0.0~	0.0~	0.0~
11.00 to 11.99	0.0~	0.0~	0.0~
12.00 to 12.99	0.0~	0.0~	0.0~
13.00 to 13.99	0.0~	0.0~	0.0~
14.00 to 14.99	0.0~	0.0~	0.0~
15.00 and above	-	20.6^~	16.9^~
<b>Total cost per CACFP snack compared to USDA subsidy (\$)</b>			
Below applicable USDA subsidy	0.0~	0.0~	0.0~
Below free rate	0.0~	0.0~	0.0~
<b>Total cost per CACFP snack (\$)</b>			
Mean	6.6^~	5.7~	6.6^~
5th percentile	1.7^~	1.7~	1.7^~
25th percentile	2.1^~	2.5~	2.1^~
Median	3.2^~	2.7~	3.2^~
75th percentile	7.4^~	5.3~	7.4^~
95th percentile	20.2^~	16.6~	20.2^~

	At-risk afterschool centers	Outside-school-hours care centers	All
Number of before and after school programs	12	12	24

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all before and after school programs participating in the Child and Adult Care Food Program in Program Year 2022–2023. Estimates are percentages unless otherwise noted.

Difference between at-risk afterschool centers and outside-school-hours care centers is significantly different from zero at the \*\*\*0.001 level, \*\* 0.01 level, or \* 0.05 level.

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**Table E.10.** Cost per CACFP meal by cost component for early child care programs

	Food cost						Labor Cost					
	Child care centers		Head Start centers		All		Child care centers		Head Start centers		All	
	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median
<b>CACFP meal type (% cost)</b>												
Breakfast	23.5 (3.1)~	20.6	21.4 (4.5)~	17.5	22.9 (2.2)	20.2	76.5 (3.1)~	79.4	78.6 (4.5)~	82.5	77.1 (2.2)	79.8
Lunch	34.5 (2.1)~	33.8	28.4 (4.9)	25.6	32.7 (1.7)	29.9	65.5 (2.1)~	66.2	71.6 (4.9)	74.4	67.3 (1.7)	70.1
Supper	-	-	n.a.	n.a.	-	-	-	-	n.a.	n.a.	-	-
Snack	20.5 (2.4)~	18.0	14.4 (3.0)~	11.5	18.9 (1.9)	15.5	79.5 (2.4)~	82.0	85.6 (3.0)~	88.5	81.1 (1.9)	84.5
<b>CACFP meal type (cost in \$)</b>												
Breakfast	1.4 (0.1)~	1.2	1.4 (0.1)	1.3	1.4 (0.1)	1.3	6.6 (1.0)~	4.9	9.1 (1.6)	7.2	7.4 (0.8)	4.9
Lunch	2.8 (0.2)	2.5	2.5 (0.2)	2.1	2.7 (0.2)	2.4	5.9** (0.7)~	5.2	9.8 (1.6)	7.7	7.0 (0.6)	5.5
Supper	-	-	n.a.	n.a.	-	-	-	-	n.a.	n.a.	-	-
Snack	0.8 (0.1)	0.8	0.8 (0.1)	0.7	0.8 (0.0)	0.8	4.6* (0.7)~	3.3	7.9 (1.3)	6.5	5.5 (0.6)	3.7
<b>Number of early child care programs</b>	<b>61</b>	<b>61</b>	<b>59</b>	<b>59</b>	<b>120</b>	<b>120</b>	<b>61</b>	<b>61</b>	<b>59</b>	<b>59</b>	<b>120</b>	<b>120</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program in Program Year 2022–2023.

Difference between child care centers and Head Start centers is significantly different from zero at the \*\*\*0.001 level, \*\*0.01 level, or \*0.05 level.

- Estimate is suppressed to protect against disclosure risks because there are only one or two observations.

~ Estimate has an effective sample size of fewer than 30 observations. The effective sample size is calculated as the sample size divided by the design effect for each estimate.

CACFP = Child and Adult Care Food Program, n.a. = not applicable, SE = standard error.

**Table E.11.** Cost per CACFP meal by cost component for before and after school programs

	Food cost						Labor Cost					
	At-risk afterschool centers		Outside-school-hours care centers		All		At-risk afterschool centers		Outside-school-hours care centers		All	
	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median
<b>CACFP meal type (% cost)</b>												
Breakfast	n.a.	n.a.	36.3 (7.0)~	31.0	36.3 (7.0)~	31.0	n.a.	n.a.	63.7 (7.0)~	69.0	63.7 (7.0)~	69.0
Supper	47.2 (8.3)~	44.6	56.1 (6.6)~	68.6	47.4 (8.2)~	44.6	52.8 (8.3)~	55.4	43.9 (6.6)~	31.4	52.6 (8.2)~	55.4
Snack	28.1 (7.3)~	23.9	33.8 (7.9)~	24.6	28.5 (6.7)~	23.9	71.9 (7.3)~	76.1	66.2 (7.9)~	75.4	71.5 (6.7)~	76.1
<b>CACFP meal type (cost in \$)</b>												
Breakfast	n.a.	n.a.	1.4 (0.2)~	1.1	1.4 (0.2)~	1.1	n.a.	n.a.	3.2 (0.7)~	2.1	3.2 (0.7)~	2.1
Supper	3.4 (0.5)~	2.9	3.0 (0.3)~	3.6	3.4 (0.4)~	2.9	5.5 (1.5)~	5.2	3.8 (1.6)^~	1.7	5.5 (1.5)~	5.2
Snack	1.1 (0.2)~	0.8	1.1 (0.2)~	0.8	1.1 (0.2)~	0.8	5.5 (2.5)^~	1.7	4.6 (1.5)^~	1.9	5.5 (2.3)^~	1.7
<b>Number of before and after school programs</b>	<b>22</b>	<b>22</b>	<b>13</b>	<b>13</b>	<b>35</b>	<b>35</b>	<b>22</b>	<b>22</b>	<b>13</b>	<b>13</b>	<b>35</b>	<b>35</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all before and after school programs participating in the Child and Adult Care Food Program in Program Year 2022–2023.

Difference between at-risk afterschool centers and outside-school-hours care centers is significantly different from zero at the \*\*\*0.001 level, \*\* 0.01 level, or \* 0.05 level.

~ Estimate has an effective sample size of fewer than 30 observations. The effective sample size is calculated as the sample size divided by the design effect for each estimate.

^ Estimate is considered imprecise because the standard error is more than 30 percent of the estimate.

CACFP = Child and Adult Care Food Program, n.a. = not applicable, SE = standard error.

**Table E.12.** Composition of labor costs by activity for early child care programs

	Child care centers				Head Start centers				All			
	Meal production	Service and cleaning	Administrative	Total	Meal production	Service and cleaning	Administrative	Total	Meal production	Service and cleaning	Administrative	Total
<b>Breakfast</b>												
Percentage of total labor costs	17.6~	57.5***~	24.8***~	100.0	14.2	31.4	54.4	100.0	16.6	49.7	33.7	100.0
Labor cost per meal (\$)	0.9~	4.3~	1.4***~	6.6~	1.6^	2.5	5.1	9.1	1.1	3.8	2.5	7.4
<b>Lunch</b>												
Percentage of total labor costs	24.2~	51.0***~	24.8***~	100.0	22.3	27.3	50.5	100.0	23.6	44.2	32.2	100.0
Labor cost per meal (\$)	1.2**	3.2	1.5***~	5.9**~	2.1	2.7	5.1	9.8	1.4	3.1	2.5	7.0
<b>Supper</b>												
Percentage of total labor costs	-	-	-	-	n.a.	n.a.	n.a.	n.a.	-	-	-	-
Labor cost per meal (\$)	-	-	-	-	n.a.	n.a.	n.a.	n.a.	-	-	-	-
<b>Snack</b>												
Percentage of total labor costs	12.8~	50.3**~	36.9**~	100.0	10.1	28.4~	61.5~	100.0	12.1	44.3	43.7	100.0
Labor cost per meal (\$)	0.4*	2.5~	1.7***~	4.6*~	0.6	1.8	5.4	7.9	0.5	2.3	2.7	5.5
<b>Number of early child care programs</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>59</b>	<b>59</b>	<b>59</b>	<b>59</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor/Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program in Program Year 2022–2023.

Difference between child care centers and Head Start centers is significantly different from zero at the \*\*\*0.001 level, \*\*0.01 level, or \*0.05 level.

Meal production labor is defined as setting up or making a meal, including; producing foods for the meal, cleaning up production areas after preparing and serving the meal, and any other work that involves direct production for the meal. Service and cleaning labor includes serving the meal and cleaning up the serving area and classrooms during or after the meal. Administrative labor includes preparing, distributing and processing applications for free/reduced-price meals; updating student status and records for CACFP; ordering and purchasing food and supplies; planning, budgeting and management for CACFP; menu planning and nutritional analysis; record keeping, accounting and data processing for CACFP; activities to promote healthy eating and participation in CACFP meals; and development and monitoring of center wellness policies.

^ Estimate is considered imprecise because the standard error is more than 30 percent of the estimate.

- Estimate is suppressed to protect against disclosure risks because there are only one or two observations.

~ Estimate has an effective sample size of fewer than 30 observations. The effective sample size is calculated as the sample size divided by the design effect for each estimate.

CACFP = Child and Adult Care Food Program, n.a. = not applicable.

**Table E.13.** Composition of labor costs by activity for before and after school programs

	At-risk afterschool centers				Outside-school-hours care centers				All			
	Meal production	Service and cleaning	Administrative	Total	Meal production	Service and cleaning	Administrative	Total	Meal production	Service and cleaning	Administrative	Total
<b>Breakfast</b>												
Percentage of total labor costs	n.a.	n.a.	n.a.	n.a.	4.2^~	54.6~	41.3^~	100.0~	4.2^~	54.6~	41.3^~	100.0~
Labor cost per meal (\$)	n.a.	n.a.	n.a.	n.a.	0.2^~	2.2~	0.8~	3.2~	0.2^~	2.2~	0.8~	3.2~
<b>Supper</b>												
Percentage of total labor costs	31.4**~	19.3***^~	49.2*~	100.0~	10.1^~	58.6~	31.3~	100.0~	31.0~	20.2~	48.8~	100.0~
Labor cost per meal (\$)	1.1**~	1.6^~	2.8~	5.5~	0.2^~	2.0^~	1.5^~	3.8^~	1.1~	1.6^~	2.8~	5.5~
<b>Snack</b>												
Percentage of total labor costs	20.9^~	28.0*^~	51.2~	100.0~	5.5^~	48.6~	45.9~	100.0~	19.7^~	29.5~	50.8~	100.0~
Labor cost per meal (\$)	0.5**~	1.1^~	3.9^~	5.5^~	0.2^~	2.8^~	1.6^~	4.6^~	0.5~	1.2^~	3.8^~	5.5^~
<b>Number of before and after school programs</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor/Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all before and after school programs participating in the Child and Adult Care Food Program in Program Year 2022–2023. Difference between at-risk afterschool centers and outside-school-hours care centers is significantly different from zero at the \*\*\*0.001 level, \*\* 0.01 level, or \* 0.05 level.

Meal production labor is defined as setting up or making a meal, including; producing foods for the meal, cleaning up production areas after preparing and serving the meal, and any other work that involves direct production for the meal. Service and cleaning labor includes serving the meal and cleaning up the serving area and classrooms during or after the meal. Administrative labor includes preparing, distributing and processing applications for free/reduced-price meals; updating student status and records for CACFP; ordering and purchasing food and supplies; planning, budgeting and management for CACFP; menu planning and nutritional analysis; record keeping, accounting and data processing for CACFP; activities to promote healthy eating and participation in CACFP meals; and development and monitoring of center wellness policies.

^ Estimate is considered imprecise because the standard error is more than 30 percent of the estimate.

~ Estimate has an effective sample size of fewer than 30 observations. The effective sample size is calculated as the sample size divided by the design effect for each estimate.

CACFP = Child and Adult Care Food Program, n.a. = not applicable.



**Table E.14.** Types of revenues identified in early child care programs

	Child care centers	Head Start centers	All
<b>CACFP meal/snack reimbursement</b>			
Received revenue	93.9~	82.5	90.5
Did not receive revenue	0.0	0.0	0.0
Did not know/could not identify revenue on financial statement	6.1^~	17.5^	9.5^
<b>Cash in lieu of USDA donated food</b>			
Received revenue	35.9~	17.6^	30.7
Did not receive revenue	31.8^~	31.2^	31.6
Did not know/could not identify revenue on financial statement	32.3^~	51.2	37.7
<b>USDA donated food</b>			
Received revenue	1.8^	-	1.5^
Did not receive revenue	71.3~	68.9	70.6
Did not know/could not identify revenue on financial statement	26.9^~	30.3	27.9
<b>Child payments for food only</b>			
Received revenue	-	0.0	-
Did not receive revenue	70.2~	64.4	68.6
Did not know/could not identify revenue on financial statement	29.6^~	35.6^	31.2
<b>Adult payments for food only</b>			
Received revenue	0.0	-	-
Did not receive revenue	75.6~	62.6~	72.0
Did not know/could not identify revenue on financial statement	24.4^~	25.9^	24.8
<b>Other CACFP/food service revenue</b>			
Received revenue	-	9.4^	3.5^
Did not receive revenue	57.6~	49.2	55.2
Did not know/could not identify revenue on financial statement	41.4~	41.4	41.4
<b>Number of early child care programs</b>	<b>58</b>	<b>57</b>	<b>115</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program in Program Year 2022–2023. Estimates are percentages unless otherwise noted.

Other CACFP/foodservice revenue includes cash contributions and gifts, State meal reimbursements, funding related to supporting meal programs during the COVID-19 pandemic, and other unspecified sources.

^ Estimate is considered imprecise because the standard error is more than 30 percent of the estimate.

- Estimate is suppressed to protect against disclosure risks because there are only one or two observations.

~ Estimate has an effective sample size of fewer than 30 observations. The effective sample size is calculated as the sample size divided by the design effect for each estimate.

CACFP = Child and Adult Care Food Program, USDA = United States Department of Agriculture.

**Table E.15.** Types of revenues identified in before and after school programs

	At-risk afterschool centers	Outside-school-hours care centers	All
<b>CACFP meal/snack reimbursement</b>			
Received revenue	60.6**~	100.0~	62.7~
Did not receive revenue	0.0~	0.0~	0.0
Did not know/could not identify revenue on financial statement	39.4**^~	0.0~	37.3^~
<b>Cash in lieu of USDA donated food</b>			
Received revenue	28.3^~	44.1^~	29.1^~
Did not receive revenue	28.8^~	43.5^~	29.6^~
Did not know/could not identify revenue on financial statement	42.9^~	-	41.3^~
<b>USDA donated food</b>			
Received revenue	0.0~	0.0~	0.0
Did not receive revenue	62.4~	75.7~	63.2~
Did not know/could not identify revenue on financial statement	37.6^~	-	36.8^~
<b>Child payments for food only</b>			
Received revenue	0.0~	0.0~	0.0
Did not receive revenue	66.6~	71.7~	66.9~
Did not know/could not identify revenue on financial statement	33.4^~	28.3^~	33.1^~
<b>Adult payments for food only</b>			
Received revenue	-	0.0~	-
Did not receive revenue	41.6^~	71.7~	43.4~
Did not know/could not identify revenue on financial statement	45.9^~	28.3^~	44.8~
<b>Other CACFP/food service revenue</b>			
Received revenue	24.0^~	-	23.6^~
Did not receive revenue	46.8^~	45.6^~	46.7~
Did not know/could not identify revenue on financial statement	29.2^~	37.4^~	29.7^~
<b>Number of before and after school programs</b>	<b>21</b>	<b>13</b>	<b>34</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all before and after school programs participating in the Child and Adult Care Food Program in Program Year 2022–2023. Estimates are percentages unless otherwise noted.

Other CACFP/foodservice revenue includes cash contributions and gifts, State meal reimbursements, funding related to supporting meal programs during the COVID-19 pandemic, and other unspecified sources.

^ Estimate is considered imprecise because the standard error is more than 30 percent of the estimate.

- Estimate is suppressed to protect against disclosure risks because there are only one or two observations.

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CACFP = Child and Adult Care Food Program, USDA = United States Department of Agriculture.

**Table E.16.** USDA subsidy as a percentage of food cost and as a percentage of total cost (food and labor) per CACFP meal in early child care programs

	Child care centers		Head Start centers		All	
	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median
<b>USDA subsidy as a percentage of food cost per CACFP meal</b>						
Breakfast	108.8*** (13.0)~	103.0	174.8 (14.0)	167.0	128.4 (11.4)	115.0
Lunch	96.1*** (12.2)~	80.1	188.0 (12.2)	192.0	122.2 (11.1)	104.5
Supper	-	-	n.a.	n.a.	-	-
Snack	105.3*** (12.9)~	86.2	172.2 (14.0)	173.0	123.9 (11.2)	98.2
<b>USDA subsidy as a percentage of total cost per CACFP meal</b>						
Breakfast	21.3 (3.3)~	14.7	37.0 (9.8)~	23.9	26.0 (2.7)	22.0
Lunch	30.5 (3.9)~	24.3	47.3 (9.3)~	37.1	35.3 (2.7)	27.5
Supper	-	-	n.a.	n.a.	-	-
Snack	20.7 (4.4)~	13.7	21.7 (3.1)	15.7	20.9 (3.0)	13.7
<b>Number of early child care programs</b>	<b>61</b>	<b>61</b>	<b>59</b>	<b>59</b>	<b>120</b>	<b>120</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program in Program Year 2022–2023.

Difference between child care centers and Head Start centers is significantly different from zero at the \*\*\*0.001 level, \*\*0.01 level, or \*0.05 level.

The USDA subsidy for each meal/snack was calculated for each program using the sponsor's or independent provider's proportion of free, reduced price, and paid CACFP meals claimed by meal per year together with the applicable reimbursement rates.

Reimbursement rates included the additional 10 cents provided under The Keep Kids Fed Act of 2022. Reimbursement rates do not include the value of USDA Foods or cash-in-lieu of USDA Food.

- Estimate is suppressed to protect against disclosure risks because there are only one or two observations.

~ Estimate has an effective sample size of fewer than 30 observations. The effective sample size is calculated as the sample size divided by the design effect for each estimate.

CACFP = Child and Adult Care Food Program, n.a. = not applicable, SE = standard error, USDA = United States Department of Agriculture.

**Table E.17.** USDA subsidy as a percentage of food cost and as a percentage of total cost (food and labor) per CACFP meal in before and after school programs

	At-risk afterschool centers		Outside-school-hours care centers		All	
	Mean (SE)	Median	Mean (SE)	Median	Mean (SE)	Median
<b>USDA subsidy as a percentage of food cost per CACFP meal</b>						
Breakfast	n.a.	n.a.	94.6 (11.3)~	77.2	94.6 (11.3)~	77.2
Supper	147.3 (17.2)~	140.0	138.0 (20.9)~	99.7	147.1 (16.7)~	140.3
Snack	121.8** (19.2)~	141.0	79.4 (7.2)~	60.8	118.3 (17.7)~	116.6
<b>USDA subsidy as a percentage of total cost per CACFP meal</b>						
Breakfast	n.a.	n.a.	30.6 (4.0)~	37.6	30.6 (4.0)~	37.6
Supper	63.5 (9.9)~	50.2	65.0 (4.7)~	68.4	63.5 (9.7)~	50.2
Snack	32.8 (8.8)~	19.6	24.5 (5.2)~	13.9	32.1 (8.1)~	19.6
<b>Number of before and after school programs</b>	<b>22</b>	<b>22</b>	<b>13</b>	<b>13</b>	<b>35</b>	<b>35</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

Tabulations are weighted to be nationally representative of all before and after school programs participating in the Child and Adult Care Food Program in Program Year 2022–2023.

Difference between at-risk afterschool centers and outside-school-hours care centers is significantly different from zero at the \*\*\*0.001 level, \*\* 0.01 level, or \* 0.05 level.

The USDA subsidy for each meal/snack was calculated for each program using the sponsor's or independent provider's proportion of free, reduced price, and paid CACFP meals claimed by meal per year together with the applicable reimbursement rates.

Reimbursement rates included the additional 10 cents provided under The Keep Kids Fed Act of 2022. Reimbursement rates do not include the value of USDA Foods or cash-in-lieu of USDA Food.

~ Estimate has an effective sample size of fewer than 30 observations. The effective sample size is calculated as the sample size divided by the design effect for each estimate.

CACFP = Child and Adult Care Food Program, n.a. = not applicable, SE = standard error, USDA = United States Department of Agriculture.

**Table E.18.** Relationships between key program characteristics and total per-breakfast costs

	Estimate (SE)
Percentage of menu meals - any fresh fruits or vegetables	0.02 (0.03)
Percentage range of children who are minority (non-white): 40 to less than 80 percent	-0.27 (1.57)
Percentage range of children who are minority (non-white): 80 to 100 percent	-0.79 (2.4)
Region: Midwest	-3.29 * (1.7)
Region: Mountain	-3.08 * (1.64)
Region: Southeast	-0.08 (2.35)
Region: Southwest	-0.24 (3.46)
Region: West	-2.86 * (1.52)
<b>Number of providers</b>	<b>103</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, Menu Survey, and Provider Survey, winter through summer, 2023. American Community Survey, 2021.

Coefficient estimates for selected covariates reported. Standard errors (SE) in parentheses.

HEI = Health Eating Index. HEI 2015 Index scores used as model dependent variable.

Omitted base category for Percentage range of children ages 0-11 residing in the program's zip code who are non-White or Hispanic: Less than 40 percent.

Omitted base category for Region: Mid-Atlantic and Northeast.

Coefficient estimate is significantly different from zero at the \*\*\*0.01 level, \*\*0.05 level, or \*0.1 level, two-tailed test.

**Table E.19.** Relationships between key program characteristics and total per-lunch costs

	Estimate (SE)
Percentage of menu meals - any fresh fruits or vegetables	-0.01 (0.02)
Percentage range of children who are minority (non-white): 40 to less than 80 percent	1.09 (1.03)
Percentage range of children who are minority (non-white): 80 to 100 percent	1.06 (1.67)
Region: Midwest	-5.74 *** (1.35)
Region: Mountain	-4.46 *** (1.04)
Region: Southeast	-5.01 *** (1.01)
Region: Southwest	-1.88 (3.01)
Region: West	-4.18 *** (1.48)
<b>Number of providers</b>	<b>109</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, Menu Survey, and Provider Survey, winter through summer, 2023. American Community Survey, 2021.

Coefficient estimates for selected covariates reported. Standard errors (SE) in parentheses.

HEI = Health Eating Index. HEI 2015 Index scores used as model dependent variable.

Omitted base category for Percentage range of children ages 0-11 residing in the program's zip code who are non-White or Hispanic: Less than 40 percent.

Omitted base category for Region: Mid-Atlantic and Northeast.

Coefficient estimate is significantly different from zero at the \*\*\*0.01 level, \*\*0.05 level, or \*0.1 level, two-tailed test.

**Table E.20.** Relationships between key program characteristics and total per-snack costs

	Estimate (SE)
Percentage of menu meals - any fresh fruits or vegetables	0.08 *** (0.03)
Percentage range of children who are minority (non-white): 40 to less than 80 percent	0.64 (1.23)
Percentage range of children who are minority (non-white): 80 to 100 percent	-1.3 * (0.64)
Region: Midwest	-1.28 (0.85)
Region: Mountain	5.67 ** (2.24)
Region: Southeast	0.17 (0.99)
Region: Southwest	0.67 (1.7)
Region: West	-2.22 ** (0.97)
<b>Number of providers</b>	<b>124</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, Menu Survey, and Provider Survey, winter through summer, 2023. American Community Survey, 2021.

Coefficient estimates for selected covariates reported. Standard errors (SE) in parentheses.

HEI = Health Eating Index. HEI 2015 Index scores used as model dependent variable.

Omitted base category for Percentage range of children ages 0-11 residing in the program's zip code who are non-White or Hispanic: Less than 40 percent.

Omitted base category for Region: Mid-Atlantic and Northeast.

Coefficient estimate is significantly different from zero at the \*\*\*0.01 level, \*\*0.05 level, or \*0.1 level, two-tailed test.

**Table E.21.** Relationships between nutritional characteristics of meals and total per-breakfast costs

	Estimate (SE)
Total HEI-2015 score	-0.13 (0.17)
Percentage range of children who are minority (non-white): 40 to less than 80 percent	0.44 (1.59)
Percentage range of children who are minority (non-white): 80 to 100 percent	-0.16 (2.28)
Region: Midwest	-2.88 (1.96)
Region: Mountain	-2.98 (1.87)
Region: Southeast	-0.79 (2.7)
Region: Southwest	-2.58 (4.36)
Region: West	-3.33 * (1.79)
<b>Number of providers</b>	<b>103</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, Menu Survey, and Provider Survey, winter through summer, 2023. American Community Survey, 2021.

Coefficient estimates for selected covariates reported. Standard errors (SE) in parentheses.

HEI = Health Eating Index. HEI 2015 Index scores used as model dependent variable.

Omitted base category for Percentage range of children ages 0-11 residing in the program's zip code who are non-White or Hispanic: Less than 40 percent.

Omitted base category for Region: Mid-Atlantic and Northeast.

Coefficient estimate is significantly different from zero at the \*\*\*0.01 level, \*\*0.05 level, or \*0.1 level, two-tailed test.



**Table E.22.** Relationships between nutritional characteristics of meals and total per-lunch costs

	Estimate (SE)
Total HEI-2015 score	-0.03 (0.08)
Percentage range of children who are minority (non-white): 40 to less than 80 percent	1.15 (0.98)
Percentage range of children who are minority (non-white): 80 to 100 percent	0.88 (0.91)
Region: Midwest	-5.51 *** (1.24)
Region: Mountain	-4.42 *** (1.04)
Region: Southeast	-4.76 *** (0.96)
Region: Southwest	-2.27 (3.43)
Region: West	-4.12 *** (1.41)
<b>Number of providers</b>	<b>109</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, Menu Survey, and Provider Survey, winter through summer, 2023. American Community Survey, 2021.

Coefficient estimates for selected covariates reported. Standard errors (SE) in parentheses.

HEI = Health Eating Index. HEI 2015 Index scores used as model dependent variable.

Omitted base category for Percentage range of children ages 0-11 residing in the program's zip code who are non-White or Hispanic: Less than 40 percent.

Omitted base category for Region: Mid-Atlantic and Northeast.

Coefficient estimate is significantly different from zero at the \*\*\*0.01 level, \*\*0.05 level, or \*0.1 level, two-tailed test.

**Table E.23.** Relationships between nutritional characteristics of meals and total per-snack costs

	Estimate (SE)
Total HEI-2015 score	0.01 (0.13)
Percentage range of children who are minority (non-white): 40 to less than 80 percent	-0.24 (1.2)
Percentage range of children who are minority (non-white): 80 to 100 percent	-1.41 (1.05)
Region: Midwest	-1.87 (1.56)
Region: Mountain	3.37 (2.23)
Region: Southeast	-1.62 (1.49)
Region: Southwest	-2.42 (2.15)
Region: West	-2.83 * (1.57)
<b>Number of providers</b>	<b>124</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, Menu Survey, and Provider Survey, winter through summer, 2023. American Community Survey, 2021.

Coefficient estimates for selected covariates reported. Standard errors (SE) in parentheses.

HEI = Health Eating Index. HEI 2015 Index scores used as model dependent variable.

Omitted base category for Percentage range of children ages 0-11 residing in the program's zip code who are non-White or Hispanic: Less than 40 percent.

Omitted base category for Region: Mid-Atlantic and Northeast.

Coefficient estimate is significantly different from zero at the \*\*\*0.01 level, \*\*0.05 level, or \*0.1 level, two-tailed test.

**Table E.24.** Relationships between nutritional characteristics of meals and per-breakfast food costs

	Estimate (SE)
Total HEI-2015 score	0.01 (0.01)
Percentage range of children who are minority (non-white): 40 to less than 80 percent	0.13 (0.1)
Percentage range of children who are minority (non-white): 80 to 100 percent	0.39 *** (0.13)
Region: Midwest	-0.12 (0.14)
Region: Mountain	0.46 ** (0.21)
Region: Southeast	-0.46 *** (0.1)
Region: Southwest	0.06 (0.24)
Region: West	0.14 (0.17)
<b>Number of providers</b>	<b>103</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, Menu Survey, and Provider Survey, winter through summer, 2023. American Community Survey, 2021.

Coefficient estimates for selected covariates reported. Standard errors (SE) in parentheses.

HEI = Health Eating Index. HEI 2015 Index scores used as model dependent variable.

Omitted base category for Percentage range of children ages 0-11 residing in the program's zip code who are non-White or Hispanic: Less than 40 percent.

Omitted base category for Region: Mid-Atlantic and Northeast.

Coefficient estimate is significantly different from zero at the \*\*\*0.01 level, \*\*0.05 level, or \*0.1 level, two-tailed test.

**Table E.25.** Relationships between nutritional characteristics of meals and per-lunch food costs

	Estimate (SE)
Total HEI-2015 score	-0.03 ** (0.01)
Percentage range of children who are minority (non-white): 40 to less than 80 percent	0.11 (0.29)
Percentage range of children who are minority (non-white): 80 to 100 percent	0.12 (0.26)
Region: Midwest	-1.11 *** (0.33)
Region: Mountain	-0.76 ** (0.36)
Region: Southeast	-0.71 ** (0.32)
Region: Southwest	-1.13 ** (0.47)
Region: West	0.35 (0.38)
<b>Number of providers</b>	<b>109</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, Menu Survey, and Provider Survey, winter through summer, 2023. American Community Survey, 2021.

Coefficient estimates for selected covariates reported. Standard errors (SE) in parentheses.

HEI = Health Eating Index. HEI 2015 Index scores used as model dependent variable.

Omitted base category for Percentage range of children ages 0-11 residing in the program's zip code who are non-White or Hispanic: Less than 40 percent.

Omitted base category for Region: Mid-Atlantic and Northeast.

Coefficient estimate is significantly different from zero at the \*\*\*0.01 level, \*\*0.05 level, or \*0.1 level, two-tailed test.

**Table E.26.** Relationships between nutritional characteristics of meals and per-snack food costs

	Estimate (SE)
Total HEI-2015 score	0.01 (0.01)
Percentage range of children who are minority (non-white): 40 to less than 80 percent	0.01 (0.09)
Percentage range of children who are minority (non-white): 80 to 100 percent	0.21 * (0.1)
Region: Midwest	-0.1 (0.12)
Region: Mountain	0.34 ** (0.16)
Region: Southeast	-0.27 ** (0.12)
Region: Southwest	-0.03 (0.21)
Region: West	-0.05 (0.14)
<b>Number of providers</b>	<b>124</b>

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Sponsor Center Cost Interview, Center Director Cost Interview, Center Foodservice Cost Interview, Self-Administered Cost Questionnaire, Meal and Snack Counts, Menu Survey, and Provider Survey, winter through summer, 2023. American Community Survey, 2021.

Coefficient estimates for selected covariates reported. Standard errors (SE) in parentheses.

HEI = Health Eating Index. HEI 2015 Index scores used as model dependent variable.

Omitted base category for Percentage range of children ages 0-11 residing in the program's zip code who are non-White or Hispanic: Less than 40 percent.

Omitted base category for Region: Mid-Atlantic and Northeast.

Coefficient estimate is significantly different from zero at the \*\*\*0.01 level, \*\*0.05 level, or \*0.1 level, two-tailed test.

**Table E.27.** Total cost (food and labor) per CACFP meal in early child care programs in SNACS-I and SNACS-II

	SNACS-I	SNACS-II	Difference (SNACS-II SNACS-I)
<b>Total (\$)</b>			
Breakfast	6.4	8.8	2.4**
Lunch	7.6	9.7	2.1**
Supper	5.5	-	-
Snack	4.9	6.3	1.4*
<b>Food (\$)</b>			
Breakfast	1.1	1.4	0.2*
Lunch	2.2	2.7	0.5**
Supper	1.7	-	-
Snack	0.8	0.8	0.0
<b>Labor (\$)</b>			
Breakfast	5.2	7.4	2.2**
Lunch	5.4	7.0	1.6*
Supper	3.8	-	-
Snack	4.2	5.5	1.3*
<b>Food % of total costs</b>			
Breakfast	23.1	22.9	-0.2
Lunch	33.7	32.7	-1.0
Supper	33.9	-	-
Snack	23.3	18.9	-4.5
<b>Labor % of total costs</b>			
Breakfast	76.9	77.1	0.2
Lunch	66.3	67.3	1.0
Supper	66.1	-	-
Snack	76.7	81.1	4.5
<b>Number of early child care programs</b>	<b>229</b>	<b>120</b>	

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

SNACS-I and SNACS-II tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program in Program Years 2016–2017 and 2022–2023, respectively. The SNACS-I estimates are adjusted using the Consumer Price Index for food and beverages in 2022 dollars.

Difference between SNACS-I estimate and SNACS-II estimate is significantly different from zero at the \*\*\*0.001 level, \*\*0.01 level, or \*0.05 level.

^ Estimate is considered imprecise because the standard error is more than 30 percent of the estimate.

- Estimate is suppressed to protect against disclosure risks because there are only one or two observations.

CACFP = Child and Adult Care Food Program

SNACS = Study of Nutrition and Activity in Child Care Settings

**Table E.28.** Total cost (food and labor) per CACFP meal in before and after school programs in SNACS-I and SNACS-II

	SNACS-I	SNACS-II	Difference (SNACS-II - SNACS-I)
<b>Total (\$)</b>			
Breakfast	7.2	4.6~	-2.6*~
Supper	6.4	8.9~	2.4~
Snack	5.1	6.6^~	1.5~
<b>Food (\$)</b>			
Breakfast	1.2	1.4~	0.2~
Supper	2.4	3.4~	1.0*~
Snack	0.9	1.1~	0.2~
<b>Labor (\$)</b>			
Breakfast	6.0	3.2~	-2.8*~
Supper	4.1	5.5~	1.4~
Snack	4.2	5.5^~	1.2~
<b>Food % of total costs</b>			
Breakfast	24.3	36.3~	12.0~
Supper	44.7	47.4~	2.7~
Snack	26.1	28.5~	2.4~
<b>Labor % of total costs</b>			
Breakfast	75.7	63.7~	-12.0~
Supper	55.3	52.6~	-2.7~
Snack	73.9	71.5~	-2.4~
<b>Number of before and after school programs</b>	<b>110</b>	<b>35</b>	

Source: Second Study of Nutrition and Activity in Child Care Settings (SNACS-II), Center Director Cost Interview, Center Food Service Cost Interview, Meal and Snack Counts, Menu Survey, Self-Administered Cost Questionnaire, and Sponsor/Center Cost Interview, winter through summer, 2023.

SNACS-I and SNACS-II tabulations are weighted to be nationally representative of all before and after school programs participating in the Child and Adult Care Food Program in Program Years 2016–2017 and 2022–2023, respectively. The SNACS-I estimates are adjusted using the Consumer Price Index for food and beverages in 2022 dollars.

Difference between SNACS-I estimate and SNACS-II estimate is significantly different from zero at the \*\*\*0.001 level, \*\*0.01 level, or \*0.05 level.

^ Estimate is considered imprecise because the standard error is more than 30 percent of the estimate.

~ Estimate has an effective sample size of fewer than 30 observations. The effective sample size is calculated as the sample size divided by the design effect for each estimate.

CACFP = Child and Adult Care Food Program

SNACS = Study of Nutrition and Activity in Child Care Settings