



Study of Nutrition and Activity in Child Care Settings



Appendix H. Infant Wellness Policies, Menus, and Intakes

October 2021

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Appendix H. Infant Wellness Policies, Menus, and Intakes

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H.1 Foods Served to Infants

Table H.1.1 Foods Served in Daily Infant Menus in Early Child Care Programs

	Mean Percentage of Daily CACFP Infant Menus at Early Child Care Programs			
	Age Group (Months)			
	0-3	4-5	6-7	8-11
Meal Component/Food				
Grains	16.0 ^a	67.2	89.6 ^a	94.6 ^a
Infant cereal	15.6 ^a	65.7	86.6	83.6
Crackers, pretzels, rice cakes	0.4 ^a	1.3 ^a	4.1 ^a	32.5
Bread or rolls	0.0 ^a	0.0 ^a	7.0 ^a	19.6
Non-infant cold cereal	0.0 ^a	0.2 ^a	4.4 ^a	13.8
Pancakes, waffles, French toast	0.0 ^a	0.0 ^a	0.4 ^a	3.7 ^a
Fruits	8.8 ^a	41.2	65.7	89.2
Pureed or jarred infant food fruit	7.8 ^a	37.7	59.7	67.2
Apples	2.6 ^a	10.7 ^a	19.3	24.3
Bananas	4.5 ^a	16.3 ^a	18.5	24.1
Pears	1.8 ^a	5.9 ^a	11.7 ^a	16.1
Fruit blend	1.6 ^a	3.1 ^a	11.1 ^a	15.5
Peaches	1.2 ^a	7.0 ^a	13.5	9.2
Prunes	0.0 ^a	0.4 ^a	0.7 ^a	2.8 ^a
Non-infant/ table food fruit	2.0 ^a	7.6 ^a	10.4 ^a	35.2
Bananas	2.0 ^a	1.2 ^a	4.2 ^a	11.7
Apples	1.0 ^a	3.9 ^a	2.9 ^a	8.0 ^a
Strawberries	0.0 ^a	1.3 ^a	0.3 ^a	6.7 ^a
Peaches	0.0 ^a	1.3 ^a	0.8 ^a	6.3 ^a
Pears	0.0 ^a	1.5 ^a	1.3 ^a	5.1 ^a
Oranges	0.0 ^a	0.0 ^a	1.8 ^a	3.9 ^a
Watermelon	0.0 ^a	0.0 ^a	0.0 ^a	3.0 ^a
Fruit salad	0.0 ^a	0.0 ^a	0.9 ^a	2.9 ^a
Blueberries	0.0 ^a	0.0 ^a	0.0 ^a	2.0 ^a
Vegetables	4.2 ^a	35.3	71.9	76.2
Pureed or jarred infant food vegetables	4.2 ^a	33.4	67.9	57.3
Carrots	0.5 ^a	7.3 ^a	19.2	15.9
Sweet Potato	0.5 ^a	7.4 ^a	15.3	12.8
Squash	0.3 ^a	6.2 ^a	10.4 ^a	11.3
Green Beans	0.0 ^a	4.3 ^a	10.4 ^a	9.7
Peas	0.5 ^a	2.9 ^a	14.2	9.0
Vegetable Blend ^a	0.3 ^a	5.3 ^a	6.9 ^a	7.4 ^a
Carrots and peas	0.0 ^a	2.6 ^a	4.5 ^a	1.9 ^a
Snow Peas	2.0 ^a	1.0 ^a	0.8 ^a	0.3 ^a

	Mean Percentage of Daily CACFP Infant Menus at Early Child Care Programs			
	Age Group (Months)			
	0-3	4-5	6-7	8-11
Non-infant/ table food vegetables	0.0 [^]	5.3 [^]	6.5 [^]	25.8
Peas	0.0 [^]	0.6 [^]	0.9 [^]	6.1 [^]
Potatoes	0.0 [^]	0.7 [^]	1.4 [^]	4.7 [^]
Mixed Vegetables	0.0 [^]	0.0 [^]	0.9 [^]	3.3 [^]
Corn	0.0 [^]	0.0 [^]	0.1 [^]	3.3 [^]
Green Beans	0.0 [^]	0.0 [^]	1.6 [^]	3.2 [^]
Carrots	0.0 [^]	0.0 [^]	0.2 [^]	2.2 [^]
Avocado	0.0 [^]	3.3 [^]	0.9 [^]	1.8 [^]
Sweet Potato	0.0 [^]	3.2 [^]	0.0 [^]	0.4 [^]
Milk	98.1 [^]	85.7 [^]	91.0 [^]	74.3
Formula	98.1 [^]	85.1 [^]	90.8 [^]	73.6
Cow's milk	0.0 [^]	0.6 [^]	0.8 [^]	3.2 [^]
Meats and proteins	0.3 [^]	4.5 [^]	17.0	45.2
Pureed or jarred infant food meat	0.3 [^]	3.1 [^]	12.7 [^]	23.2
Chicken	0.3 [^]	1.1 [^]	7.8 [^]	13.6
Beef	0.0 [^]	0.6 [^]	2.7 [^]	4.8 [^]
Turkey	0.0 [^]	1.0 [^]	2.2 [^]	3.4 [^]
Pork	0.0 [^]	0.4 [^]	0.7 [^]	2.5 [^]
Non-infant food meat	0.0 [^]	0.7 [^]	2.9 [^]	12.7
Chicken	0.0 [^]	0.7 [^]	2.2 [^]	4.4 [^]
Turkey	0.0 [^]	0.0 [^]	0.1 [^]	2.8 [^]
Pork	0.0 [^]	0.0 [^]	0.3 [^]	2.6 [^]
Cheese	0.0 [^]	1.3 [^]	2.5 [^]	8.6 [^]
Dried beans and peas, vegetarian meat substitutes	0.0 [^]	0.1 [^]	1.3 [^]	2.2 [^]
Eggs	0.0 [^]	0.0 [^]	1.7 [^]	2.2 [^]
Water	1.8 [^]	12.9 [^]	28.0	39.5
Water	1.8 [^]	12.9 [^]	28.0	39.5
Dessert, sweets, sweetened beverages, and salty snacks	2.6 [^]	1.1 [^]	13.1	29.7
Baby cookies, teething biscuits, and animal crackers	2.6 [^]	0.8 [^]	11.8 [^]	23.5
Sweet rolls, donuts, and muffins	0.0 [^]	0.2 [^]	0.5 [^]	2.4 [^]
Other cookies	0.0 [^]	0.0 [^]	0.6 [^]	2.1 [^]
Mixed dishes	0.0 [^]	3.7 [^]	8.7 [^]	23.1
Pureed or jarred infant food blends (without protein)	0.0 [^]	3.5 [^]	5.7 [^]	7.7 [^]
Pasta/rice dish	0.0 [^]	0.0 [^]	0.5 [^]	5.2 [^]
Other mixed dish	0.0 [^]	0.0 [^]	3.7 [^]	4.6 [^]
Sandwich	0.0 [^]	0.0 [^]	0.8 [^]	4.1 [^]
Pureed or jarred infant food blends (with protein)	0.0 [^]	0.2 [^]	0.8 [^]	3.6 [^]
Juice	1.0 [^]	0.3 [^]	1.4 [^]	10.4 [^]
100% fruit juice	0.0 [^]	0.0 [^]	1.1 [^]	7.8 [^]
Apple	0.0 [^]	0.0 [^]	0.7 [^]	5.5 [^]
Not specified as to 100% or not 100% juice	1.0 [^]	0.3 [^]	0.3 [^]	2.8 [^]
Number of Daily Infant Menus	231	342	496	736
Number of Early Child Care Programs	57	83	111	162

Source: Study of Nutrition and Activity in Child Care Settings (SNACS), Infant Menu Survey, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all early child care programs serving infants that participated in the Child and Adult Care Food Program (CACFP). Table includes only programs for whom the analysis variables were available.

A “A” identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate’s statistical precision. Specific details of these criteria are presented in the description of study methods.

This includes menus served to infants under 12 months old. Early child care programs include Child Care Centers, Head Start programs, and Family Day Care Homes. Estimates are based on counts of weighted programs, not providers. For this reason, providers with more than one early child care program may be double-counted. Includes food items served in 2% or more of daily Infant Menu Surveys for any age group. Indented rows under each major category list the most frequently served minor category food to least frequently served minor category food by the 8-11 month column.

^aExcludes blend of carrots and peas.

CACFP= Child and Adult Care Food Program.

Table H.1.2 Percentage of Early Child Care Programs Serving any Solid Foods to Infants Under 6 Months of Age

Age Groups (Months)	Percentage of Early Child Care Programs Serving any Solid Food During the Target Week
0-3	22.5 [^]
4-5	77.4
Number of Early Child Care Programs	
0-3	57
4-5	83

Source: Study of Nutrition and Activity in Child Care Settings (SNACS), Infant Menu Survey, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all early child care programs serving infants that participated in the Child and Adult Care Food Program (CACFP). Table includes only programs for whom the analysis variables were available.

A “^” identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate’s statistical precision. Specific details of these criteria are presented in the description of study methods.

This table includes menus served to infants under 6 months old. Early child care programs include Child Care Centers, Head Start programs, and Family Day Care Homes. Estimates are based on counts of weighted programs, not providers. For this reason, providers with more than one early child care program may be double-counted.

Table H.1.3 Percentage of Early Child Care Programs Serving Juice to Infants

Age Groups (Months)	Percentage of Early Child Care Programs
Percentage of Programs Serving Any Juice During the Target Week	
< 6 months	2.9 ^a
6-11 months	14.8
Percentage of Programs Serving 100% Juice During the Target Week	
< 6 months	0.0 ^a
6-11 months	13.1
Percentage of Programs Serving Unspecified Juice^a During the Target Week	
< 6 months	2.9 ^a
6-11 months	3.7 ^a
Number of Early Child Care Programs	
< 6 months	102
6-11 months	184

Source: Study of Nutrition and Activity in Child Care Settings (SNACS), Infant Menu Survey, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all early child care programs serving infants that participated in the Child and Adult Care Food Program (CACFP). Table includes only programs for whom the analysis variables were available.

A “A” identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate’s statistical precision. Specific details of these criteria are presented in the description of study methods.

Early child care programs include Child Care Centers, Head Start programs, and Family Day Care Homes. Estimates are based on counts of weighted programs, not providers. For this reason, providers with more than one early child care program may be double-counted. This includes menus served to infants under 12 months old.

^a Unspecified as to 100% juice or not. No juices were explicitly reported in the Infant Menu Survey as less than 100% juice.

H.2 Infant Feeding Practices Reported by Providers

Table H.2.1 Average Age at which Infants are Served Solids as Reported in Early Child Care Programs

	Percentage of All Early Child Care Programs
Age, on average, when program introduces solid foods to infants^a	
Younger than 4 months	0.7 [^]
At least 4 months, but younger than 6 months	31.0
At 6 months	24.4
Older than 6 months	33.1
Do not give infants (<12 months old) solid foods	9.5
Don't know	1.3 [^]
Number of Early Child Care Programs	323

Source: Study of Nutrition and Activity in Child Care Settings (SNACS), Provider Survey, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program (CACFP).

This table includes only those programs for which the analysis variables were available.

A “^” identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate’s statistical precision. Specific details of these criteria are presented in the description of study methods.

The “All” column is based on counts of weighted programs, not providers. For this reason, providers with more than one early child care program may be double-counted.

Early Child care programs include Child Care Centers, Head Start, and Family Day Care Home Programs.

Early child care programs may also provide care to older children.

Estimates in this table are based on responses from providers reporting enrollment of at least one infant age 0 to 11 months as of September 30, 2016.

^aWith parent permission.

Table H.2.2 Percentage of Programs Serving Juice and Other Sugary Beverages to Infants Under Twelve Months of Age as Reported in Early Child Care Programs

	Percentage of All Early Child Care Programs
Program provides 100% juice to infants	
Yes	29.2
No	69.1
Don't know	1.7 [^]
For those programs providing 100% juice to infants, age when this practice starts (n=75)	
Younger than 6 months	3.5 [^]
Between 6 months and 12 months	88.0 [^]
Other ^a	8.6 [^]
Sugar sweetened beverages served to infants under 12 months of age^b	
Yes	0.4 [^]
No	99.6 [^]
Don't know	0.0 [^]
Number of Early Child Care Programs	323

Source: Study of Nutrition and Activity in Child Care Settings (SNACS), Provider Survey, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program (CACFP).

This table includes only those programs for which the analysis variables were available.

A "A" identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate's statistical precision. Specific details of these criteria are presented in the description of study methods.

The "All" column is based on counts of weighted programs, not providers. For this reason, providers with more than one early child care program may be double-counted.

Early child care programs include Child Care Centers, Head Start, and Family Day Care Home Programs.

Early child care programs may also provide care to older children.

Estimates in this table are based on responses from providers reporting enrollment of at least one infant age 0 to 11 months as of September 30, 2016.

^a Other responses include when parents approve, and when they are able to drink from a sippy cup.

^b Sugar sweetened beverages include soda, lemonade, or other juice drinks that are not 100% juice.

Table H.2.3 Storage of Breastmilk and Preparation of Breastmilk and Formula as Reported in Early Child Care Programs

	Percentage of All Early Child Care Programs
How breastmilk and formula are warmed^a	
Under running warm tap water	49.9
By placing in a container of water no warmer than 120 degrees Fahrenheit	46.7
Electric bottle warmer	22.4
On the counter ^b	0.2 [^]
Don't warm breastmilk or formula	4.0 [^]
In microwave ^c	2.9 [^]
Don't know	2.2 [^]
Mothers allowed to store pumped breastmilk overnight at the site	
Yes	61.8
No, mothers must bring in new bottles every morning	36.7
Don't know	1.5 [^]
For mothers allowed to store pumped breastmilk overnight at the site, where the breastmilk is stored^a (n=206)	
Refrigerator	58.9
Freezer	85.3
Shelf	0.0 [^]
Insulated cooler	1.9 [^]
Number of Early Child Care Programs	323

Source: Study of Nutrition and Activity in Child Care Settings (SNACS), Provider Survey, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program (CACFP).

This table includes only those programs for which the analysis variables were available.

A “^” identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate’s statistical precision. Specific details of these criteria are presented in the description of study methods.

The “All” column is based on counts of weighted programs, not providers. For this reason, providers with more than one early child care program may be double-counted.

Early child care programs include Child Care Centers, Head Start, and Family Day Care Home Programs.

Early child care programs may also provide care to older children.

Estimates in this table are based on responses from providers reporting enrollment of at least one infant age 0 to 11 months as of September 30, 2016.

^a Responses may total more than 100 percent because variables are not mutually exclusive.

^b For no more than 1 hour.

^c This warming practice contradicts Caring For Our Children 2011 guidelines.

Table H.2.4 Frequency of Infant Tummy Time Opportunities Reported in Early Child Care Programs

	Percentage of Early Child Care Programs			
	Child Care Centers	Head Start Programs	Family Day Care Homes	All
Frequency of Tummy Time^a				
Full day care ^b (n=311)				
1 time per day or less	1.2 [^]	8.5 [^]	7.8 ^{#^}	5.5 [^]
2 times per day	18.9	17.3 [^]	30.6 [#]	26.2
3 times per day	21.9	29.6 [^]	27.9	25.9
4 times per day or more	58.0	44.7 [^]	33.7 ^{###}	42.5
Half-day day care ^b (n=209)				
3 times per week or less	5.7 [^]	18.9 [^]	2.5 [^]	3.8 [^]
4 times per week	4.7 [^]	12.6 [^]	12.2	9.9
1 time per day	15.1	24.2 [^]	21.2	19.4
2 times per day or more	74.4	44.3 [^]	64.0	67.0
Number of Early Child Care Programs	171	46	98	315

Source: Study of Nutrition and Activity in Child Care Settings (SNACS), Provider Survey, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program (CACFP).

This table includes only those programs for which the analysis variables were available.

Difference between Child Care Centers and Head Start Programs is significantly different from zero at the ***0.001 level, **0.01 level, or *0.05 level.

Difference between Child Care Centers and Family Day Care Homes is significantly different from zero at the ###0.001 level, ##0.01 level, or #0.05 level.

Difference between Head Start Programs and Family Day Care Homes is significantly different from zero at the †††0.001 level, ††0.01 level, or †0.05 level.

A "A" identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate's statistical precision. Specific details of these criteria are presented in the description of study methods.

The "All" column is based on counts of weighted programs, not providers, and so they may double-count providers with more than one early child care program.

Early Child Care Programs include Child Care Centers, Head Start, and Family Day Care Home Programs.

Early child care programs may also provide care to older children.

Estimates in this table are from a subset of the analysis sample due to survey skip patterns where some respondents were not offered questions in this section of the survey based on previous answers provided.

^a Tummy time is supervised time when an infant is awake and alert, lying on her or his belly.

^b Full day care and half-day care are defined as the provider's response to questions M1.8 and M1.9 which ask "Does your program offer (full day/half-day) care for at least nine months out of the year?" Providers were asked to answer questions about frequency of tummy time according the differing scales presented in this table, based on the response to questions M1.8 and M1.9. Each provider was allowed to respond that they offer full day as well as half-day care.

Table H.2.5 Infant Active and Sedentary Opportunities Reported in Early Child Care Programs (*Panel I*)

	Percentage of Full Day Early Child Care Programs ^a			
	Child Care Centers	Head Start Programs	Family Day Care Homes	All
Frequency of Outdoor Time				
More than 3 times per day	1.5 [^]	0.0 [^]	3.0 [^]	2.2 [^]
2 to 3 times per day	32.9	29.2 [^]	58.6 ^{#^}	46.1
Once per day	33.5 [*]	66.3 ^{++^}	27.9 [^]	32.3
Less than once per day	32.1 ^{***}	4.5 [^]	10.6 ^{#^}	19.5
Amount of Screen Time				
Daily, 2 hours or more per day	0.0 [^]	0.0 [^]	0.0 [^]	0.0 [^]
Daily, 1 to 2 hours per day	0.0 [^]	0.0 [^]	15.2 [^]	7.9 [^]
Daily, less than 1 hour per day	1.7 [^]	0.0 ^{+^}	12.5 [^]	7.2 [^]
Daily, less than 30 minutes per day	0.0 [^]	0.0 [^]	0.0 [^]	0.0 [^]
A few times a week	0.0 [^]	0.0 [^]	4.5 [^]	2.4 [^]
A few times a month	0.0 [^]	0.0 [^]	7.6 [^]	3.9 [^]
Once a month	0.0 [^]	0.0 [^]	0.0 [^]	0.0 [^]
Never	98.3 [^]	100.0 ^{++^}	60.2 ^{##^}	78.5
Places Infants May Spend Some Time When Not Sleeping^b				
Cribs	18.7	4.9 [^]	22.9 [^]	20.2 [^]
Playpens	6.4 ^{*^}	0.0 ^{+++^}	55.3 ^{###^}	31.5
Car seats	0.0 [^]	0.0 [^]	4.0 [^]	2.1 [^]
Bouncy seats	70.7 ^{***}	2.7 ^{+++^}	65.4 [^]	64.4
Swings	46.5 ^{***}	0.0 ^{+++^}	46.2 [^]	43.9
Stationary entertainers ^c	51.7 ^{***}	8.4 ^{+++^}	51.9 [^]	49.6
None of the above	20.9 ^{***}	73.3 ^{+++^}	7.9 [^]	16.9
Don't know	0.0 [^]	10.7 [^]	0.0 [^]	0.6 [^]
Number of Full Day Early Child Care Programs	59	23	22	104

Notes at the end of Panel III.

Table H.2.5 Infant Active and Sedentary Opportunities Reported in Early Child Care Programs (*Panel II*)

	Percentage of Half-Day Early Child Care Programs ^a			
	Child Care Centers	Head Start Programs	Family Day Care Homes	All
Frequency of Outdoor Time				
More than 3 times per day	0.0**^	25.3 ^{++^}	0.0^	10.5^
2 to 3 times per day	0.0**^	51.7 ^{++^}	0.0^	21.4^
Once per day	100.0**^	23.0^	0.0^	68.1^
Less than once per day	0.0^	0.0^	0.0^	0.0^
Amount of Screen Time				
Daily, 2 hours or more per day	0.0^	0.0^	0.0^	0.0^
Daily, 1 to 2 hours per day	0.0^	0.0^	0.0^	0.0^
Daily, less than 1 hour per day	0.0^	0.0^	0.0^	0.0^
Daily, less than 30 minutes per day	0.0^	0.0^	0.0^	0.0^
A few times a week	0.0^	0.0^	0.0^	0.0^
A few times a month	0.0^	0.0^	0.0^	0.0^
Once a month	0.0**^	25.3 ^{++^}	0.0^	10.5^
Never	100.0**^	74.7 ^{+++^}	0.0^	89.5^
Places Infants May Spend Some Time When Not Sleeping^b				
Cribs	0.0^	0.0^	0.0^	0.0^
Playpens	0.0^	18.9^	0.0^	9.2^
Car seats	0.0^	18.9^	0.0^	9.2^
Bouncy seats	100.0**^	38.7^	0.0^	70.2^
Swings	100.0^	0.0^	0.0^	51.4^
Stationary entertainers ^c	100.0^	0.0^	0.0^	51.4^
None of the above	0.0^	42.4^	0.0^	20.6^
Don't know	0.0^	18.9^	0.0^	9.2^
Number of Half-Day Early Child Care Programs	1	5	0	6

Notes at the end of Panel III.

Table H.2.5 Infant Active and Sedentary Opportunities Reported in Early Child Care Programs (Panel III)

	Percentage of Full and Half-Day Early Child Care Programs ^a			
	Child Care Centers	Head Start Programs	Family Day Care Homes	All
Frequency of Outdoor Time				
More than 3 times per day	1.1 [^]	11.0 [^]	4.0 [^]	3.2 [^]
2 to 3 times per day	34.6	41.9 [^]	45.7	42.1
Once per day	49.1	47.1 [^]	41.4	43.9
Less than once per day	15.2 ^{**}	0.0 ^{+^}	8.9 [^]	10.7
Amount of Screen Time				
Daily, 2 hours or more per day	0.0 [^]	0.0 [^]	0.0 [^]	0.0 [^]
Daily, 1 to 2 hours per day	0.0 [^]	0.0 [^]	0.9 [^]	0.6 [^]
Daily, less than 1 hour per day	0.0 [^]	0.0 ^{+^}	6.8 ^{#^}	4.6 [^]
Daily, less than 30 minutes per day	1.9 [^]	0.0 ^{+++^}	13.5 ^{##}	9.6
A few times a week	0.0 [^]	0.0 ^{+^}	7.2 ^{#^}	4.8 [^]
A few times a month	0.9 [^]	0.0 [^]	3.4 [^]	2.6 [^]
Once a month	0.0 [^]	0.0 [^]	3.2 [^]	2.2 [^]
Never	97.2 [^]	100.0 ^{+++^}	64.9 ^{###}	75.6
Places Infants May Spend Some Time When Not Sleeping^b				
Cribs	11.2 [^]	4.5 [^]	10.5 [^]	10.6
Playpens	6.3 [^]	6.1 ^{+++^}	36.9 ^{###}	26.8
Car seats	1.0 [^]	0.0 ^{+^}	5.8 [^]	4.2 [^]
Bouncy seats	51.7 ^{**}	22.6 ^{+++^}	60.8	57.3
Swings	46.7 ^{**}	16.7 [^]	38.7	40.9
Stationary entertainers ^c	54.5 ^{**}	16.7 ^{+++^}	53.0	52.9
None of the above	26.4 [*]	62.2 ^{+++^}	12.1 [^]	17.4
Don't know	0.0 [^]	4.5 [^]	0.0 [^]	0.1 [^]
Number of Full and Half-Day Early Child Care Programs	111	20	77	208

Source: Study of Nutrition and Activity in Child Care Settings (SNACS), Provider Survey, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all early child care programs participating in the Child and Adult Care Food Program (CACFP).

This table includes only those programs for which the analysis variables were available.

Difference between Child Care Centers and Head Start Programs is significantly different from zero at the ***0.001 level, **0.01 level, or *0.05 level.

Difference between Child Care Centers and Family Day Care Homes is significantly different from zero at the ###0.001 level, ##0.01 level, or #0.05 level.

Difference between Head Start Programs and Family Day Care Homes is significantly different from zero at the +++0.001 level, ++0.01 level, or +0.05 level.

A “^” identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate’s statistical precision. Specific details of these criteria are presented in the description of study methods.

The “All” column is based on counts of weighted programs, not providers. For this reason, providers with more than one early child care program may be double-counted.

Early Child Care Programs include Child Care Centers, Head Start, and Family Day Care Home Programs.

Early child care programs may also provide care to older children.

Estimates in this table are from a subset of the analysis sample due to survey skip patterns where some respondents were not offered questions in this section of the survey based on previous answers provided.

^a Full day; half-day; and full and half-day providers are defined as Full day care and half-day care are defined as the provider's response to questions M1.8 and M1.9 which ask "Does your program offer (full day/half-day) care for at least nine months out of the year?" Each provider was allowed to respond that they offer full day as well as half-day care.

^b Responses may total more than 100 percent because variables are not mutually exclusive.

^c Examples include exersaucers.

H.3 Foods Consumed by Infants

Table H.3.1 Liquid Consumption by Infants during the Child Care Day at Child Care Centers

	Child Care Centers		
	0-5 mo	6-11 mo	0-11 mo
Mean Fluid Ounces per Feeding^a			
Total Breastmilk and/or Formula, from Bottle ^b	4.6 [^]	5.1	5.0
Breastmilk only, from Bottle ^{bc}	4.3 [^]	4.8 [^]	4.5 [^]
Formula only, from Bottle ^{bd}	4.7 [^]	5.1 [^]	5.0
Juice	--	3.9 [^]	3.9 [^]
Water	4.0 [^]	1.7 [^]	1.8 [^]
Mean Number of Feedings when the Beverage was Consumed^a			
Breastmilk and/or Formula	4.0 [^]	2.8	3.2
Breastmilk ^e	1.7 [^]	0.5 [^]	0.9 [^]
Formula ^f	2.3 [^]	2.3	2.3
Juice	0.0 [^]	0.0 [^]	0.0 [^]
Water	0.0 [^]	0.4 [^]	0.3 [^]
Mean Time Interval Between Feedings when the Beverage was Consumed (in Minutes)^a			
Breastmilk and/or Formula	158.9 [^]	191.0 [^]	179.6
Breastmilk ^e	164.8 [^]	189.2 [^]	175.0 [^]
Formula ^f	149.5 [^]	191.4 [^]	178.4
Juice	--	--	--
Water	--	144.9 [^]	144.9 [^]
Number of Infants	38	77	115
Number of Centers	26	41	50

Source: Study of Nutrition and Activity in Child Care Settings, Infant Food Intake Forms, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all infants in Child Care Centers participating in the Child and Adult Care Food Program (CACFP). Table includes only infants for whom the analysis variables were available.

A “^” identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate’s statistical precision. Specific details of these criteria are presented in the description of study methods.

A “--” means either not applicable or no data.

^a Estimates only include feedings when the specified beverage was consumed during the feeding and exclude feedings when the specified beverage was not consumed.

^b Excludes milk consumed during feedings where the infant was breastfed at the breast.

^c Only includes the amount of breastmilk consumed, which may have been consumed with or without formula.

^d Only includes the amount of formula consumed, which may have been consumed with or without breastmilk.

^e Includes feedings when breastmilk was consumed (from bottle or breastfed), which may have been consumed with or without formula.

^f Includes feedings when formula was consumed, which may have been consumed with or without breastmilk.

Table H.3.2 Types and Amounts of Food per Feeding Consumed by Infants during the Child Care Day at Child Care Centers

	Reference Unit	Child Care Centers		
		Mean Amount per Feeding ^a		
		0-5 mo	6-11 mo	0-11 mo
Milk^b	fl oz	4.7 [^]	5.1	5.0
Formula ^b	fl oz	4.7 [^]	5.1 [^]	5.0
Breastmilk ^b	fl oz	4.3 [^]	4.8 [^]	4.5 [^]
Cow's milk ^b	fl oz	--	5.3 [^]	5.3 [^]
Grains	oz	0.5 [^]	0.6 [^]	0.6 [^]
Infant cereal	Tbsp	4.1 [^]	3.1 [^]	3.2 [^]
Crackers, pretzels, rice cakes	oz	--	0.9 [^]	0.9 [^]
Bread or rolls	oz	--	0.5 [^]	0.5 [^]
Cereal bars/nutrition bars	oz	--	0.5 [^]	0.5 [^]
Non-infant cold cereal	Tbsp	--	5.1 [^]	5.1 [^]
Pancakes, waffles, French toast	oz	--	1.1 [^]	1.1 [^]
Vegetables	Tbsp	2.1 [^]	6.1 [^]	5.9 [^]
Pureed or jarred infant food vegetables	Tbsp	2.1 [^]	6.5 [^]	6.2 [^]
Sweet Potato	Tbsp	1.3 [^]	6.8 [^]	5.9 [^]
Squash	Tbsp	4.7 [^]	4.6 [^]	4.6 [^]
Vegetable Blend ^c	Tbsp	--	7.9 [^]	7.9 [^]
Peas	Tbsp	--	6.3 [^]	6.3 [^]
Carrots	Tbsp	--	6.9 [^]	6.9 [^]
Green Beans	Tbsp	--	7.1 [^]	7.1 [^]
Non-infant/ table food vegetables	Tbsp	--	4.7 [^]	4.7 [^]
Potatoes	Tbsp	--	6.2 [^]	6.2 [^]
Corn	Tbsp	--	2.5 [^]	2.5 [^]
Mixed Vegetables	Tbsp	--	10.4 [^]	10.4 [^]
Beans and Legumes	Tbsp	--	0.2 [^]	0.2 [^]
Carrots	Tbsp	--	2.0 [^]	2.0 [^]
Peas	Tbsp	--	3.7 [^]	3.7 [^]
Fruits	Tbsp	2.4 [^]	5.2 [^]	4.8 [^]
Pureed or jarred infant food fruit	Tbsp	2.3 [^]	5.6 [^]	5.0 [^]
Bananas	Tbsp	2.4 [^]	6.5 [^]	5.1 [^]
Apples	Tbsp	--	4.5 [^]	4.5 [^]
Fruit blend	Tbsp	--	4.3 [^]	4.3 [^]
Peaches	Tbsp	--	7.5 [^]	7.5 [^]
Pears	Tbsp	1.8 [^]	4.8 [^]	4.2 [^]
Non-infant/ table food fruit	Tbsp	3.0 [^]	4.2 [^]	4.2 [^]
Bananas	Tbsp	--	5.5 [^]	5.5 [^]
Apples	Tbsp	3.0 [^]	3.1 [^]	3.1 [^]
Pineapple	Tbsp	--	2.0 [^]	2.0 [^]
Oranges	Tbsp	--	5.4 [^]	5.4 [^]
Grapes	Tbsp	--	6.4 [^]	6.4 [^]
Pears	Tbsp	--	3.7 [^]	3.7 [^]
Peaches	Tbsp	--	2.6 [^]	2.6 [^]

	Reference Unit	Child Care Centers		
		Mean Amount per Feeding ^a		
		0-5 mo	6-11 mo	0-11 mo
Mixed dishes	Tbsp	--	6.9 [^]	6.9 [^]
Pureed or jarred infant food blends (with protein)	Tbsp	--	7.8 [^]	7.8 [^]
Sandwich	Tbsp	--	6.4 [^]	6.4 [^]
Pureed or jarred infant food blends (without protein)	Tbsp	--	5.9 [^]	5.9 [^]
Pasta/rice dish	Tbsp	--	6.9 [^]	6.9 [^]
Dessert, sweets, sweetened beverages, and salty snacks	--	--	--	--
Baby cookies, teething biscuits, and animal crackers	oz	--	0.6 [^]	0.6 [^]
Sweet rolls, donuts, and muffins	oz	--	1.5 [^]	1.5 [^]
Other cookies	oz	--	0.6 [^]	0.6 [^]
Other sweets (milk flavorings, sugar, syrup, preserves)	Tbsp	--	1.0 [^]	1.0 [^]
Water	fl oz	4.0 [^]	1.7 [^]	1.8 [^]
Water	fl oz	4.0 [^]	1.7 [^]	1.8 [^]
Meats and proteins	oz	--	1.5 [^]	1.5 [^]
Non-infant food meat	oz	--	1.1 [^]	1.1 [^]
Chicken	oz	--	3.2 [^]	3.2 [^]
Pork	oz	--	1.2 [^]	1.2 [^]
Beef	oz	--	1.0 [^]	1.0 [^]
Cheese	oz	--	0.7 [^]	0.7 [^]
Pureed or jarred infant food meat	oz	--	2.0 [^]	2.0 [^]
Beef	oz	--	2.0 [^]	2.0 [^]
Juice	fl oz	--	3.9 [^]	3.9 [^]
100% fruit juice	fl oz	--	3.1 [^]	3.1 [^]
Fruit blend	fl oz	--	3.1 [^]	3.1 [^]
Number of Infants		38	77	115
Number of Centers		26	41	50

Source: Study of Nutrition and Activity in Child Care Settings, Infant Food Intake Forms, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all infants in Child Care Centers participating in the Child and Adult Care Food Program (CACFP). Table includes only infants for whom the analysis variables were available.

A “^” identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate’s statistical precision. Specific details of these criteria are presented in the description of study methods.

A “--” means either not applicable or no data.

Includes food items consumed by 2% or more of infants for any age group. Indented rows under each major category list the most frequently served minor category food to least frequently served minor category food by the all ages column.

^a Amount per feeding where the food was consumed. Amounts consumed were converted to standard reference units using gram weight conversions from SurveyNet. A feeding interval was defined as all food/drink consumed within a 45-minute window.

^b Calculations exclude milk consumed during feedings where the infant was breastfed at the breast.

^c Excludes blend of carrots and peas.

Table H.3.3 Most Frequently Consumed Foods by Infants during the Child Care Day at Child Care Centers

	Child Care Centers		
	Percentage of Infants Consuming Food at Least Once while at Child Care		
	0-5 mo	6-11 mo	0-11 mo
Milk	100.0 ^a	100.0 ^a	100.0 ^a
Formula	67.3 ^a	79.3 ^a	75.3
Breastmilk	52.6 ^a	17.9 ^a	29.5
Cow's milk	0.0 ^a	2.7 ^a	1.8 ^a
Grains	11.3 ^a	69.9	50.4
Infant cereal	11.3 ^a	46.1	34.5
Crackers, pretzels, rice cakes	0.0 ^a	19.5 ^a	13.0 ^a
Bread or rolls	0.0 ^a	12.2 ^a	8.1 ^a
Cereal bars/nutrition bars	0.0 ^a	12.2 ^a	8.1 ^a
Non-infant cold cereal	0.0 ^a	12.1 ^a	8.1 ^a
Pancakes, waffles, French toast	0.0 ^a	2.9 ^a	1.9 ^a
Vegetables	7.1 ^a	69.6	48.7
Pureed or jarred infant food vegetables	7.1 ^a	52.9	37.6
Sweet Potato	5.5 ^a	15.6 ^a	12.2 ^a
Squash	1.6 ^a	15.0 ^a	10.5 ^a
Vegetable Blend ^a	0.0 ^a	10.4 ^a	7.0 ^a
Peas	0.0 ^a	10.1 ^a	6.7 ^a
Carrots	0.0 ^a	5.9 ^a	4.0 ^a
Green Beans	0.0 ^a	4.9 ^a	3.2 ^a
Non-infant/ table food vegetables	0.0 ^a	18.7 ^a	12.5 ^a
Potatoes	0.0 ^a	4.9 ^a	3.2 ^a
Corn	0.0 ^a	4.2 ^a	2.8 ^a
Mixed Vegetables	0.0 ^a	3.0 ^a	2.0 ^a
Beans and Legumes	0.0 ^a	2.7 ^a	1.8 ^a
Carrots	0.0 ^a	2.5 ^a	1.7 ^a
Peas	0.0 ^a	2.2 ^a	1.5 ^a
Fruits	19.2 ^a	62.2	47.8
Pureed or jarred infant food fruit	17.7 ^a	43.7	35.0
Bananas	15.1 ^a	14.2 ^a	14.5 ^a
Apples	0.0 ^a	10.7 ^a	7.2 ^a
Fruit blend	0.0 ^a	9.8 ^a	6.5 ^a
Peaches	0.0 ^a	6.8 ^a	4.5 ^a
Pears	2.6 ^a	5.4 ^a	4.5 ^a
Non-infant/ table food fruit	1.5 ^a	21.2 ^a	14.6 ^a
Bananas	0.0 ^a	10.9 ^a	7.2 ^a
Apples	1.5 ^a	6.3 ^a	4.7 ^a
Pineapple	0.0 ^a	6.1 ^a	4.0 ^a
Oranges	0.0 ^a	5.2 ^a	3.4 ^a
Grapes	0.0 ^a	5.1 ^a	3.4 ^a
Pears	0.0 ^a	3.0 ^a	2.0 ^a
Peaches	0.0 ^a	2.2 ^a	1.5 ^a

	Child Care Centers		
	Percentage of Infants Consuming Food at Least Once while at Child Care		
	0-5 mo	6-11 mo	0-11 mo
Mixed dishes	0.0 ^a	36.3	24.1
Pureed or jarred infant food blends (with protein)	0.0 ^a	19.1 ^a	12.7 ^a
Sandwich	0.0 ^a	7.8 ^a	5.2 ^a
Pureed or jarred infant food blends (without protein)	0.0 ^a	7.3 ^a	4.8 ^a
Pasta/rice dish	0.0 ^a	6.4 ^a	4.3 ^a
Dessert, sweets, sweetened beverages, and salty snacks	0.0 ^a	25.3	16.9
Baby cookies, teething biscuits, and animal crackers	0.0 ^a	14.2 ^a	9.5 ^a
Sweet rolls, donuts, and muffins	0.0 ^a	5.1 ^a	3.4 ^a
Other cookies	0.0 ^a	3.1 ^a	2.1 ^a
Other sweets (milk flavorings, sugar, syrup, preserves)	0.0 ^a	2.7 ^a	1.8 ^a
Water	1.5 ^a	24.2 ^a	16.6 ^a
Water	1.5 ^a	24.2 ^a	16.6 ^a
Meats and proteins	0.0 ^a	20.3 ^a	13.6 ^a
Non-infant food meat	0.0 ^a	16.2 ^a	10.8 ^a
Chicken	0.0 ^a	8.9 ^a	5.9 ^a
Pork	0.0 ^a	2.7 ^a	1.8 ^a
Beef	0.0 ^a	2.7 ^a	1.8 ^a
Cheese	0.0 ^a	3.4 ^a	2.3 ^a
Pureed or jarred infant food meat	0.0 ^a	3.2 ^a	2.1 ^a
Beef	0.0 ^a	2.1 ^a	1.4 ^a
Juice	0.0 ^a	3.4 ^a	2.2 ^a
100% fruit juice	0.0 ^a	2.8 ^a	1.8 ^a
Fruit blend	0.0 ^a	2.8 ^a	1.8 ^a
Number of Infants	38	77	115
Number of Centers	26	41	50

Source: Study of Nutrition and Activity in Child Care Settings, Infant Food Intake Forms, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all infants in Child Care Centers participating in the Child and Adult Care Food Program (CACFP). Table includes only infants for whom the analysis variables were available.

A "A" identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate's statistical precision. Specific details of these criteria are presented in the description of study methods.

Infants did not have distinct meal periods. Therefore, this table indicates the percentage of infants consuming a food at least once while in child care. Includes food items consumed by 2% or more of infants for any age group. Indented rows under each major category list the most frequently served minor category food to least frequently served minor category food by the all ages column.

^a Excludes blend of carrots and peas.

Table H.3.4 Percentage of Infants Under 6 Months Consuming Any Solid Food during the Child Care Day at Child Care Centers

	Child Care Centers
	Percentage of Infants Consuming any Solid Food while at Child Care
< 4 months	0.0 ^A
4 months to < 6 months	37.2 ^A
All infants < 6 months	26.9 ^A
Total Number of Infants	
< 4 months	14
4 months to < 6 months	24
All infants < 6 months	38
Total Number of Centers	
< 4 months	12
4 months to < 6 months	18
All infants < 6 months	26

Source: Study of Nutrition and Activity in Child Care Settings, Infant Food Intake Forms, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all infants in Child Care Centers participating in the Child and Adult Care Food Program (CACFP). Table includes only infants for whom the analysis variables were available.

A "A" identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate's statistical precision. Specific details of these criteria are presented in the description of study methods.

Table H.3.5 Percentage of Infants Consuming Breastmilk, Formula, or Both during the Child Care Day at Child Care Centers

	Child Care Centers		
	Percentage of Infants		
	0-5 mo	6-11 mo	0-11 mo
Breastmilk only	32.7 ^a	17.9 ^a	22.9 ^a
Formula only	47.4 ^a	79.3	68.7
Combination of breastmilk and formula	19.8 ^a	0.0 ^a	6.6 ^a
Neither breastmilk or formula ^a	0.0 ^a	2.7 ^a	1.8 ^a
Number of Infants	38	77	115
Number of Centers	26	41	50

Source: Study of Nutrition and Activity in Child Care Settings, Infant Food Intake Forms, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all infants in early Child Care Centers participating in the Child and Adult Care Food Program (CACFP). Table includes only infants for whom the analysis variables were available.

A "A" identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate's statistical precision. Specific details of these criteria are presented in the description of study methods.

^a One infant consumed neither breastmilk or formula while in child care. This infant consumed cow's milk.

H.4 Food Sent from Home, as Reported by Parents of Infants

Table H.4.1 Percentage of Infants in Child Care Centers whose Parents Reported Sending Food from Home and Reasons for Doing So

	Percentage of Infants		
	Age Group (in Months)		
	0-5	6-11	0-11
Parent usually sends food from home^a			
Yes	93.0 [^]	61.1 [^]	69.5
No	7.0 [^]	38.9 [^]	30.5
Among parents who reported “yes” (n=63), number of days each week food is usually sent from home			
1 to 4 days	15.8 [^]	17.2 [^]	16.7 [^]
5 or more days	84.2 [^]	82.8 [^]	83.3 [^]
Missing	0.0 [^]	0.0 [^]	0.0 [^]
Mean	5.0 [^]	4.5 [^]	4.7 [^]
Among parents who reported “yes” (n=63), reasons why food is sent from home^b			
Program/provider does not provide all meals or snacks	6.9 [^]	21.6 [^]	16.4 [^]
Child prefers to eat food brought from home	9.0 [^]	15.8 [^]	13.4 [^]
Child does not like the food served at child care	7.6 [^]	0.0 [^]	2.7 [^]
Child has food allergies or special dietary needs	0.6 [^]	20.4 [^]	13.4 [^]
Parent believes food prepared at home is better for child	7.6 [^]	10.8 [^]	9.6 [^]
As a treat	0.7 [^]	5.7 [^]	3.9 [^]
Child prefers to drink a specific kind of formula	56.0 [^]	47.5 [^]	50.5 [^]
Child drinks breastmilk	65.6 [^]	30.8 [^]	43.1 [^]
Among parents who reported “no” (n=31), does the program not allow food from home?			
Yes	0.0 [^]	8.0 [^]	7.6 [^]
No	100.0 [^]	72.8 [^]	74.4 [^]
Don't know or refused	0.0 [^]	19.2 [^]	18.0 [^]
Number of Infants	28	66	94
Number of Child Care Centers	23	40	48

Source: Study of Nutrition and Activity in Child Care Settings (SNACS), Parent Survey, Winter through Summer, 2017.

Notes: Tabulations are weighted to be nationally representative of all infants in Child Care Centers participating in the Child and Adult Care Food Program (CACFP). Table includes only infants for whom the analysis variables were available.

A “^” identifies estimates that are considered imprecise. The criteria used to determine whether an estimate is imprecise are based on the size of the sample used to create the estimate and the estimate’s statistical precision. Specific details of these criteria are presented in the description of study methods.

The counts of centers serving infants 0-5 months old and centers serving infants 6-11 months old do not sum to the count of all Child Care Centers serving infants 0-11 months old because an individual Child Care Center may serve children from both age groups.

^a Food from home includes a meal or snack, including formula or breastmilk.

^b Responses may total more than 100 percent because the variables are not mutually exclusive.