

Meeting the Child and Adult Care Food Program (CACFP) Meal Patterns for Children

Module 7: Grains Component Part C – Ounce Equivalents



Connecticut State Department of Education School Health, Nutrition and Family Services

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BITE BIT	e Size Training Modules
Module 1	Introduction and Meal Pattern Overview
Module 2	Meal Pattern Documentation
Module 3	Milk Component
Module 4	Meat/Meat Alternates Component
Module 5	Fruits Component
Module 6	Vegetables Component
Module 7	Part A: Grains Component – Crediting
	Part B: Grains Component – Whole Grain-rich
	Part C: Grains Component – Ounce Equivalents
Module 8	Menu Planning
https://portal.ct.gov/SDE	E/Nutrition/Meal-Patterns-CACFP-Child-Care-Programs/Related-Resources#BiteSiz
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CACFP Meal	Minimum serving		
Pattern for Children	Ages 1-2	Ages 3-5	Ages 6-12 and 13-18
Breakfast	½ oz eq	½ oz eq	1 oz eq
Lunch/supper	½ oz eq	½ oz eq	1 oz eq
Snack	½ oz eq	½ oz eq	1 oz eq
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Required Servings for Grains Component

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Requirements for Grains Component	Covered in
1. Crediting	Part A
2. Whole grain-rich (WGR)	Part B
3. Ounce equivalents (oz eq)	Part C

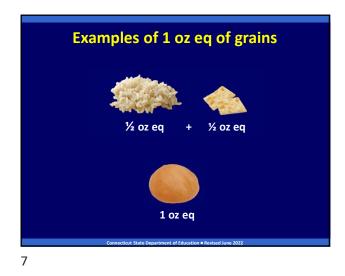
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Key Points About Grain Ounce Equivalents

- 1 oz eq is not the same as 1 ounce
- Grain products credit based on weight, except cereal grains and ready-to-eat (RTE) breakfast cereals, which credit based on volume (cups)
- Serving size on a commercial product's package may or may not equal 1 oz eq

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Serving Size Requirements Minimum creditable amount = ¼ oz eq May offer *combination* of various grains to meet minimum serving

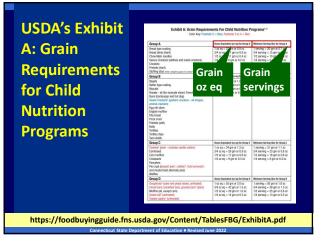


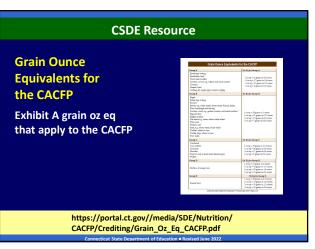




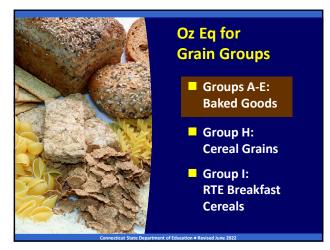


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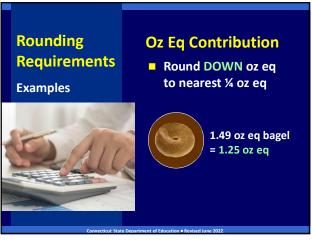
Grain group	Credits by
A-G: Baked goods *	Weight
H: Cereal grains	Cooked volume (cups)
I: RTE breakfast cereals	Volume (cups)



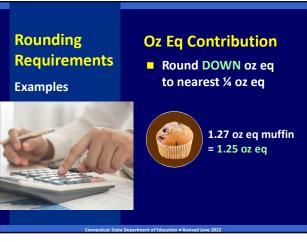


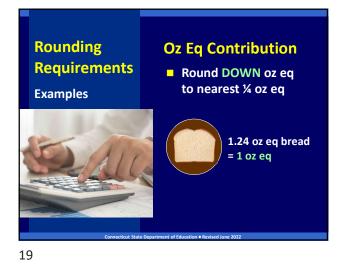


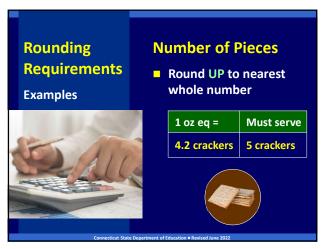


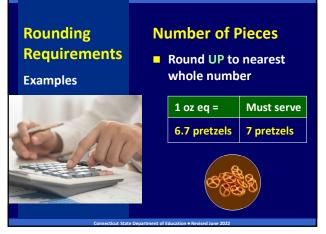


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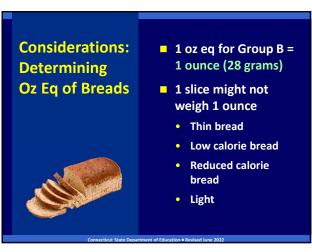






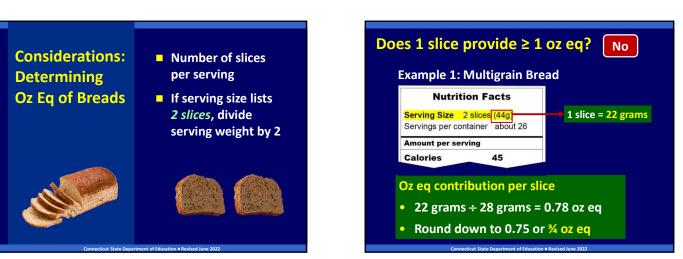
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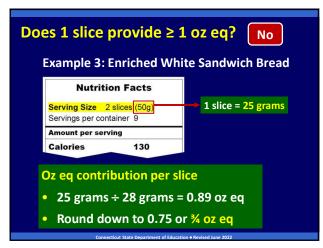




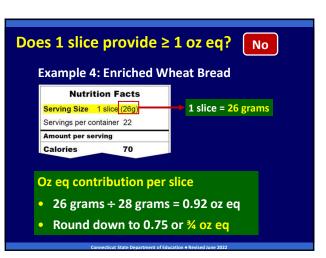




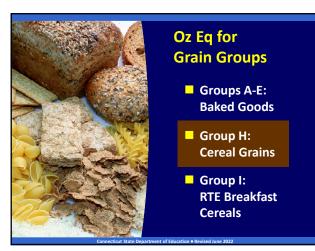
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Required Quantity for Cereal Grains (Group H)

Type of	½ oz eq		1 oz eq
cereal grain ¹	Ages 1-2	Ages 3-5	Ages 6-12 and 13-18
Cooked	¼ cup	¼ cup	½ cup
Dry	14 grams (½ ounce)	14 grams (½ ounce)	28 grams (1 ounce)
¹ Examples include quinoa, wheat be		eat, cornmeal, farii heat	na, millet, oats,

1 oz eq =

1 ounce

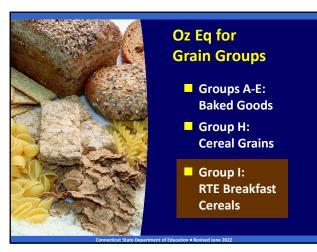
Ages 6-12

and 13-18

1 cup

1¼ cups

¼ cup



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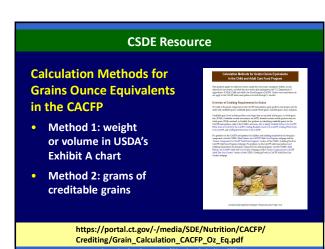
Methods to Determine Oz Eq Contribution

- 1. Weight or volume in USDA's Exhibit A chart
 - Refer to CSDE's Grain
 Ounce Equivalents for the
 CACFP

2. Creditable grains

 Requires product formulation statement (PFS) from manufacturer

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Required Quantity for

RTE Breakfast Cereals (Group I)

Ages 1-2

½ cup

¾ cup

¹∕₄ cup

 $\frac{1}{2}$ oz eq = $\frac{1}{2}$ ounce

Ages 3-5

1/2 cup

¾ cup

<mark>% cup</mark>

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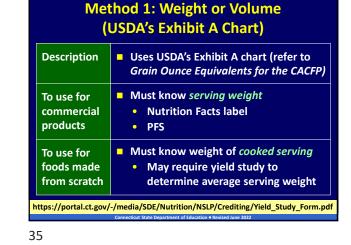
Type of cereal

Puffed

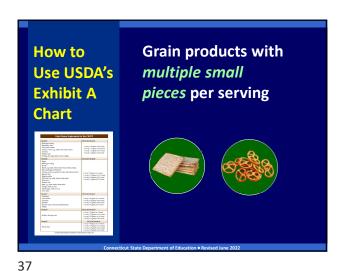
Granola

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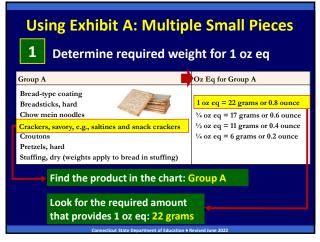
Flakes or rounds



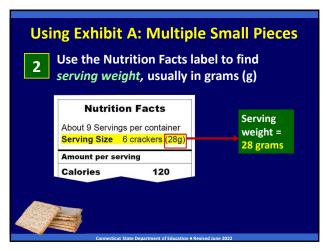








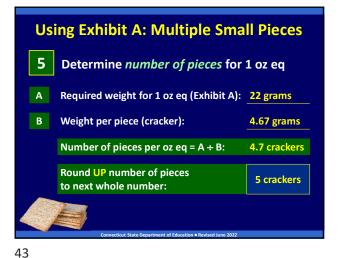
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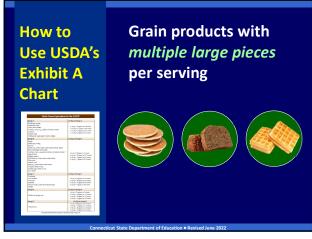


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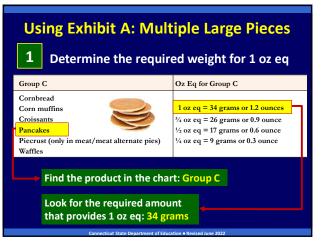


Usi 4	ng Exhibit A: Multiple Determine the weight per	
A B	Manufacturer's serving weight: Number of pieces (crackers):	28 grams 6 crackers
	Weight per piece = A ÷ B:	4.67 grams per cracker







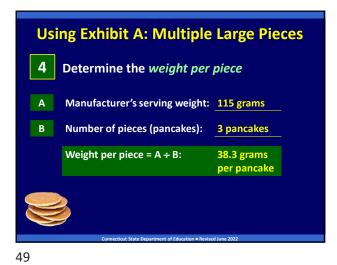


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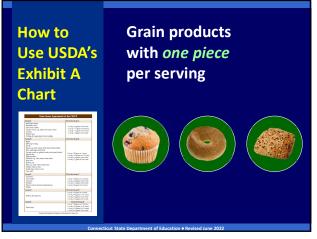


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Using Exhibit A: Multiple Large Pieces Determine oz eq per piece Weight of piece (one pancake): <u>38.3 grams</u> Required weight for 1 oz eq (Exhibit A): <u>34 grams</u> Oz eq per piece (pancake) = A ÷ B: <u>1.13 oz eq</u> Round DOWN to nearest ¼ oz eq: <u>1 oz eq</u>

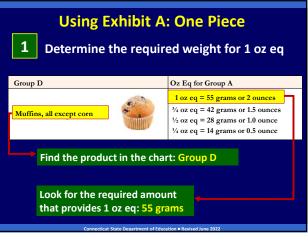
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Using Exhibit A: One Piece 1 Determine the required weight for 1 oz eq Oz Eq for Group C Group C Cornbread Corn muffins 1 oz eq = 34 grams or 1.2 ounces Croissants ³/₄ oz eq = 26 grams or 0.9 ounce Pancakes 1/2 oz eq = 17 grams or 0.6 ounce Piecrust (only in meat/meat alternate pies) ¹/₄ oz eq = 9 grams or 0.3 ounce Waffles Group D Oz Eq for Group A 1 oz eq = 55 grams or 2 ounces 3/4 oz eq = 42 grams or 1.5 ounces Muffins, all except corn 1/2 oz eq = 28 grams or 1.0 ounce 1/4 oz eq = 14 grams or 0.5 ounce





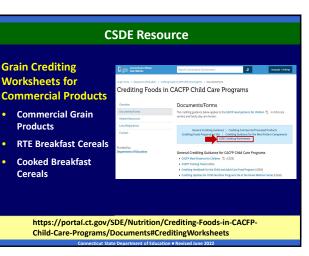
	Using Exhibit A: Multiple Pi	eces
3	Determine oz eq per piece	
Α	Manufacturer's serving weight:	57 grams
В	Required weight for 1 oz eq (Exhibit A):	55 grams
	Oz eq per serving = A ÷ B:	1.04 oz eq
	Round DOWN to nearest ¼ oz eq:	1 oz eq
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Oz Eq Resources for Commercial Grain Products

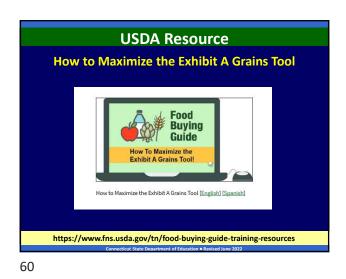
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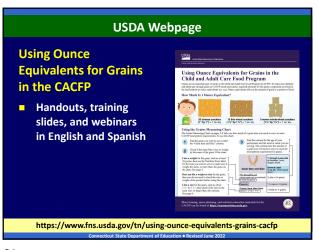
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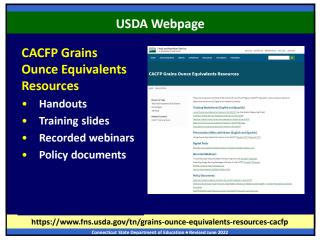
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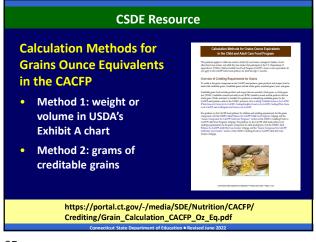












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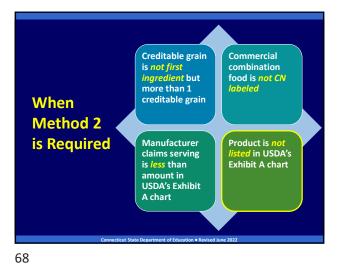
Method 2: Creditable Grains		
Description	 Determines weight (grams) of creditable grains per portion Groups A-E: 1 oz eq = 16 grams Group H: 1 oz eq = 28 grams 	
Commercial Products	 Must have PFS indicating weight of creditable grains per serving 	
Foods Made From Scratch	 Recipe must list <i>weight</i> of each grain ingredient If weight is not listed, must convert cups to grams 	
https://portal.ct.gov/-/mo	edia/SDE/Nutrition/CACEP/Crediting/Grain_Calculation_CACEP_Oz_Eq.pdf Connecticut State Department of Education = Revised June 2022	

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Summary: When to Use Each Method

Grain food	Most common method	Considerations
Commercial products	Method 1: Exhibit A	Some products require method 2
Foods made from scratch	Method 2: Creditable grains	Cannot use method 1 unless know serving weight





When Method 2 is Required Applies only to WGR crediting: First ingredient in commercial grain product is a flour blend of whole and enriched flour

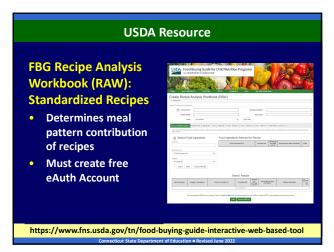
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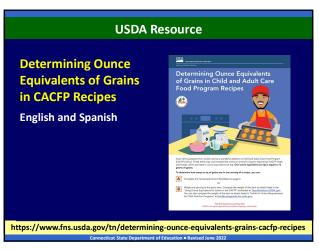












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tion Complaint Form which can be obtained online at: https://www.usda.gov/sites/default/files/ //USDA-OASCR9/20P-Complaint-Form-0508-0002-508-11-28-17Fax2Mail.gdf, from any USDA offic 0 562-9992, or by wrking a letter addressed to USDA. The letter must contain the complainant's lephone number, and a written description of the alleged discriminatory action in sufficient detai ant Secretary for Civil Rights (ASCR) about the nature and date of an alleged civil rights violation D-3027 form or letter must be submitted to USDA by:

nt of Agriculture istant Secretary for Civil Rights nce Avenue, SW 33) 256-1665 or (202) 690-7442: o

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