BREAKFAST Meal Pattern



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Overview of Meal Pattern -Measurements





Hetris Unit

Grams (g)

- 28.35 g

= 113.4 g

= 226.8 g

= 453.6 g

Grams (g)

= 453.5 g

= 907.2 g

Kilograms (kg)

= 1 kg (1000 g)

Hetric Unit

:: 236.59 mL

= 946.36 mL

= 1.42 L

= 1.0 L

1000

Metric Eqivalents 🐻

Metric Equivalents

by Weight

Customary Unit

(avairduppis)

Ossoes (oz)

Pounds (1b)

1 cup (8 11 az)

33.818 fl oz

1 quart (32 fi az)

1.5 quarts (48 fl cz)

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4 az

âœ

16 oz

1 b

2 b Pounds (1b)

2.2 b

Recipe	Abbreviations	Volume Equivalents		
tsport	 teaspoon 			
Tbsp or T	- tablespoon	60 draps	-1tsp	
C	- CUD	1 Tbsp	=3tsp	=0.51 ce
-		1/8 cup	= 2 Tasp	=1 flog
pt	- pint	1/4 cup	= 4 Tbsp	= 2 floz
qt	 quart 	1/3 cup	= 5 Tasp + 1 tsp	= 2.65 fl cz
gal	 gallon 	3/8 cup	= 6 Tbsp	= 3 floz
wt	- weight	1/2 cup	= 8 Tasp	= 4 floz
oz	- ounce	5/8 cup	 10 Tbsp 	= 5 flog
		2/3 cup	= 10 Tbsp + 2 tsp	= 5.3 fl ce
lb or #	 pound (e.g., 3#) 	3/4 cup	 12 Tbsp 	=6floz
g	- gram	7/8 cup	= 14 Tbsp	=7 flog
kg	 kliogram 	1 cup	- 16 Tasp	= 8 fl oz
VOI	 volume 	1/2 pint	= 1 cup	= 8 fl oz
mL	- millitter	1 pint	 2 cups 	= 16 floz
L	- liter	1 quart	= 2 pt	= 32 fl oz
11 02	 fluid ounce 	1 gallon	- 4 qt	= 128 fl oz
No.or≢ In.or*	 number (a.g., #8) inches (a.g., 12") 	Equivalen	t Weights	
٩F	- degree Fahrenheit	16 ce	-1b	= 1.000 lb
°C	 degree Celsius or 	12 ce	= 3/4 lb	= 0.750 lb
	 degree deisius or centigrade 	8 az	= 1/2 b	= 0.500 lb
	oomgrade	4 az	= 1/4 b	= 0.250 lb
		1 az	= 1/16 b	= 0.0631b

R

- 0.125

- 0.250

- 0.333

- 0.375

- 0.500

- 0.625

- 0.686

-0.750

- 0.875

rhild nutrition

800-321-3054

Fraction to Decimal

Equivalent

1/4

1/3

3/8

1/2

5/8

2/3

3/4

7/8



Cisking or eteomicable 12'120'12-10' 2'12-04' 2'12 -----Sheet or bun 19' x 29' x 1' 3-114' x 5' 3-114' x 2-112' 1-214' x 2-112' Cutting Diagrams for Portioning 📹 For 100 em/lege out 10 x 10 1/9 10 for 48 seminer out 3 of the 25 servings out Steambable or sounter perse are excitable in various sizes. Smaller allas parse may require the use of an adapter bar.

For more information, please contact helpdesk@theicn.org.

800-321-3054

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Overview of Meal Pattern -Measurements



Size/No.1	Level Measure	Color Code ²	
6	2/3 cup		
8	1/2 cup		
10	3/8 cup		
12	1/3 cup		
16	1/4 cup		
20	3-1/3 Tbsp		
24	2-2/3 Tbsp		
30	2 Tbsp		
40	1-2/3 Tbsp		
50	3-3/4 tsp		
60	3-1/4 tsp		
70	2-3/4 tsp		
100	2 tsp		



Ladle fl oz	Approx. Measure	Portion Server fl oz
1 oz	1/8 cup	1 oz
2 oz .	1/4 cup	2 oz
3 oz	3/8 cup	3 oz
4 oz	1/2 cup	4 oz
6 oz	3/4 cup	6 oz
8 oz	1 cup	8 oz
12 oz	1-1/2 cups	—

Daily Breakfast Meal Pattern

Component	Amount
Milk	1 cup
Fruit	1 cup
Grain	At least 1 oz eq

Weekly Breakfast Meal Pattern

Component	Grades K-5	Grades 6-8	Grades 9-12	Grades K-12
Grains	7 oz eq	8 oz eq	9 oz eq	9 oz eq
Fruit	5 cups	5 cups	5 cups	5 cups
Milk	5 cups	5 cups	5 cups	5 cups

Components vs. Items



Reimbursable meals under OVS must have 3 items; one item must be at least ½ cup fruit

Dietary Standards: Calories

Grade Group	Breakfast Calories
K-5	350-500
6-8	400-550
9-12	450-600
K-12	450-500



Breakfast Calorie Daily/Weekly

- On average, over the course of a **5 day week**
- Fall within the **minimum** and **maximum** levels for each age/grade group
- Overlap between the age/grade groups



Grains at Breakfast

Grains Component	Grades K-5	Grades 6-8	Grades 9-12	Grades K-12
Daily	1 oz eq	1 oz eq	1 oz eq	1 oz eq
Weekly	7 oz eq	8 oz eq	9 oz eq	9 oz eq



Grains at Breakfast

- Offer the daily and weekly serving ranges of grains at breakfast
 - 100% whole grain-rich
 - Weekly grain ranges allow daily flexibility
- May use meats/meat alternates as substitute for grains once daily minimum is met



Meats/Meat Alternates for Grain Substitutes

- Menu must provide at least 1 oz eq of grains daily
- The menu planner *may* offer meats/meat alternates at breakfast and substitute it for part of the weekly grains component
- When used as a grain substitute, the meats/meat alternates counts toward the weekly grains range and the dietary specifications



M/MA as "Extras" at Breakfast

- Must provide at least the minimum daily grain as part of the meal
- No requirement to offer M/MA
- M/MA as "extras" provide additional flexibility for menu planning
 - Not creditable as grains component
 - Not counted for OVS purposes
- Not a required component, so no weekly maximum for "extras"
- Include "extras" in the nutrient analysis and dietary specifications



Fruit at Breakfast

Fruit Component	Grades K-5	Grades 6-8	Grades 9-12	Grades K-12
Daily	1 cup	1 cup	1 cup	1 cup
Weekly	5 cup	5 cup	5 cup	5 cup



Fruit requirements

- May offer a single fruit type or a combination
- Vegetables may be served in place of fruits with subgroup restrictions
- Vegetables may be offered as "extras" and not counted as a component
- 100% juice allowed with 50% limitation



Fruit requirements

- Menu planners decide how to offer 1 cup of fruit at breakfast:
 - Single 1 cup serving (1 item)
 - Two ½ cup servings (2 items)





Juice requirements

- Juice limit applies weekly
- May credit for up to half of fruit
- Must be 100% full-strength



Fluid Milk Weekly Requirements

Food Components	Grade K - 5	Grade 6 – 8	Grade 9 - 12
Milk	5 cups/week	5 cups/week	5 cups/week
	(1 cup daily)	(1 cup daily)	(1 cup daily)

- At least two milk choices must be offered daily
- Both choices can be fat-free
- Both choices can be unflavored
- Offer Versus Serve-student is not need to select this component



Important Take Away Messages....

- Fruit component offering is 1 cup daily
- No more than half of the fruit may be 100% juice
- Vegetables substituted for fruits with restrictions
- All grains whole grain-rich
- Sodium restrictions apply
- For OVS, students must select ½ cup fruit or vegetable.



School Breakfast Program

Offer Versus Serve All Grade Levels

Component vs Item

Component:

- One of three food groups that comprise reimbursable breakfast
 - -Grains (with optional meat/meat alternate allowed)
 - -Fruit/Vegetable
 - -Milk

Component vs Item

Item:

- A specific food offered within the three food components

For the purposes of OVS Breakfast

- schools must offer at least 4 food items
- students must select 3 food items

Component=

the food group an *item* represents

Minimum Required Breakfast Components:

Grain1 oz eqFruit/Vegetable1 cupMilk1 cup

Optional: Meat/Meat alternate 1 oz = 1 oz eq Grain*

*Grain item must be offered prior to all meat/meat alt for them to count as a grains option.

Item=

1 item food:

1 cup milk
 1 cup apple juice
 4 oz yogurt
 1 oz cold cereal
 1 oz cheese stick
 1 cup peaches

2 item food:

Biscuit 2 oz eq Waffle 2 oz eq 2 Slices French Toast Bagel 2 oz 1 Large Egg

Component=

the food group an *item* represents

Many items provide a single component:

- 1 cup milk (milk)
- 1 oz eq cereal (grains)
- 1 cup peaches (fruit)

Optional:

1 oz cheese stick (optional grains equivalent)4 oz yogurt (optional grains equivalent)

Component=

the food group an *item* represents

Components may credit as 1 or 2 Items:

- Waffle 2 oz eq (1 or 2 grains)
- -1 cup mixed berries (1 or 2 fruit)
- Muffin 2 oz eq (1 or 2 grains)

Combination of Components=

the food group *items* represents

Optional :

- Biscuit and sausage sandwich

• 1 grain and 1 meat/meat alt* = 2 grain items

Yogurt and berry parfait

• 1 meat alt and fruit = 1 grain eq* and 1 fruit

- Pancake wrapped sausage on a stick

• 1 grain and 1 meat/meat alt* = 2 grain items

*Grain item must be offered prior to all meat/meat alt for them to count as a grains option.

Item vs Component

1 cup milk = 1 item and 1 component

1 oz eq cereal = 1 item and 1 component (grains)

Biscuit/ Sausage sandwich = 2 items same 1 component 1 grains and 1 meat/meat alternate* (optional grains)

Yogurt- fruit parfait= 2 items and 2 different components 1 meat/meat alternate* (optional grains) and 1 fruit

*Grain item must be offered prior to all meat/meat alt for them to count as a grains option.

Optional All Grade Levels

Offer vs. Serve **optional** all grades levels

Four items must be **offered**:

- 1. Grain minimum 1 oz. eq.
- 2. Fruit/Vegetables 1 cup
- 3. Fluid Milk 1cup
- 4. Planners choice of: grain, fruit, vegetable, or meat or meat alternate

Counting/Crediting Items

Menu planner may choose to allow students to select 2 of the same grain or meat/meat alternate items and count them as 2 food items.

Example:

Student selects two 1 oz eq muffins = 2 grain items plus one fruit item must be selected for meal to be reimbursable



Counting/Crediting Items

Menu planner may choose to consider a 2 oz. grain eq. as 1 item so the student must then select 2 more items for the meal to become reimbursable.



All Grade Levels

Reimbursable Meal must contain:

• Three items at a minimum:

Decline options:

- Only one of the four items offered may denied, even if more than four items are offered.
- Fruit:
- Minimum required ½ cup serving taken

Planning Breakfast Menu

Breakfast menu planner keep in mind:

- Item count = 4
- Components = 3
- Meat/meal alternate
 - Offered in same menu with a grain may be credited a grain item
 - "Additional" do no count as grains but must be included in dietary specifications

Yes..... or..... No?

Looking at the following meals a student selects, would these meals be a reimbursable meal under offer vs serve?

Why? Or Why not?






3 full items/components:

- Fruit
- Grain
- Milk







3 items:

- Vegetable
- Grain
- Milk







3 items:

- Fruit
- Vegetable
- Milk







3 items: a minimum of 1/2 cup fruit must be taken

- Milk
- Grain
- Meat/Meat Alternate = 1 oz grain eq







3 items:

- Fruit
- Vegetable
- Meat/Meat Alternate







3 full items:

- Milk
- Vegetable
- Meat/Meat Alternate







3 items: ¹/₂ cup fruit must be taken

- Grain (1st)
- Grain (2nd)
- Milk







- Student selected:
- 2 full components but no fruit too small portion:
- Grain
- Milk
- ¹/₄ c fruit: ¹/₂ cup fruit must be taken







- Student selected:
- 3 full component: 1/2 cup fruit must be taken
- Grain (1)
- Grain (2)
- Milk
- Meat/Meat Alternate (optional additional item)

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