



Fact Sheet

Recipe Adjustment

Why are recipe adjustments necessary?

U.S. Department of Agriculture (USDA) *Recipes for Child Care* are developed and tested to yield 25 and 50 servings. Since we do not always prepare the yield or the number of servings specified in the recipe, it may be necessary to change the yield by increasing or reducing all the ingredients in the recipe.

How do we change the yield?

Use this formula:

$$\frac{\text{Needed yield}}{\text{Recipe yield}} = \text{Factor}$$

The **factor** is the number by which to multiply all the ingredients.

Additional information on recipe adjustments can be found in the USDA's 2009 *Recipes for Child Care Booklet* located at www.fns.usda.gov/tn/Resources/childcare_recipes.html.





Fact Sheet

Recipe Adjustment, continued

An original pasta salad recipe yields 100 servings. The chart shows how each ingredient is adjusted, using the factor formula, to now yield only 50 servings.

Ingredients	Weight (100 servings)	Measure (100 servings)	Multiply each ingredient by the factor	Amount to use in the recipe for 50 servings
Water	.....	2 gal 3 qt	$2.75 \times .05$	$1.375 = 1 \text{ gal } 6 \text{ cups}$
Salt	.....	$\frac{1}{4}$ cup	$.25 \times .05$	$.125 = 2 \text{ Tbsp}$
Pasta, spiral	3 lb 6 oz	1 gal $2 \frac{1}{2}$ cups	$3.38 \times .05$	$1.69 = 1 \text{ lb } 11 \text{ oz}$
Salad dressing	.....	1 qt	$1 \times .05$	$0.5 = 2 \text{ cups}$
Frozen mixed vegetables	4 lb 8 oz	2 qt 3 cups	$4.5 \times .05$	$2.25 = 2 \text{ lb } 4 \text{ oz}$
Frozen chopped broccoli	2 lb 14 oz	3 cups	$2.88 \times .05$	$1.07 = 1 \text{ lb } 7 \text{ oz}$
Ground black or white pepper	.....	2 tsp	$2 \times .05$	1 tsp

References

National Food Service Management Institute. (2007). *On the Road to Professional Food Preparation: Breakfast Lunch Training* (2nd. Ed.)

U.S. Department of Agriculture, & National Food Service Management Institute. (2006). *USDA Recipes for Child Care*

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