The attached form is to be used by child care centers for the purpose of reporting the practices within their nutrition/food service program as required by licensing requirement 470 IAC 3-4, established and promulgated in accordance with IC 13-5-3.

## PURPOSE

1. To provide a written statement of your knowledge of and intent to follow the Nutrition/Food Service and Sanitation Regulations of 470 IAC 3-4.7.
2. To provide a reference for the interpretation of a portion of child care licensing rules.
3. To provide an educational tool for staff.

## WHAT TO SEND

## IF THIS IS A PROPOSED (NEW SITE OR NEW OWNER) FACILITY, YOU MUST SUBMIT AN APPLICATION FOR LICENSURE PRIOR TO SUBMITTING THIS PROGRAM.

You must send:

1. One (1) original program; and
2. One (1) set of original attachments.

The attachments must include:
a. Two (2) weeks of menus include dinner (same pattern as lunch) and evening snack if open into the evening.
b. One (1) recipe or nutrition label used in your center for a main dish casserole with protein;
c. A simple drawing of the food preparation area (kitchen); and
d. If vending any meals or snacks, a copy of the current vendor's contract and a simple drawing of your food service area (not the vendor's kitchen); this may be a classroom.
e. If vending from off site self-owned kitchen, a written vending procedure.

## MAIL

Send the original program and set of attachments to:
MSO2
Family and Social Services Administration
402 West Washington Street, Room W362 Indianapolis, IN 46204

## ADDITIONAL INFORMATION

## General

1. For questions about the program, call 800-422-0850 or OECOSLproviderinquiry@fssa.in.gov.
2. The programs will be reviewed upon receipt; and, when approved, the original will be returned to the facility, and a copy will be retained by our office.

If the programs are not approved, the facility will be contacted for corrections. The program must be corrected and resubmitted to our office for approval.
3. For your assistance, the following have been included:
"Menu Pattern" and "Food Serving Sizes." Keep these at your facility to assist with menu writing.
"Help For Your Program" (recipe and milk quantity calculation)
"Manual Dishwashing Procedures"
"Directions For Sanitizing Solutions"
"Kitchen Cleaning Schedule"
4. You must send one (1) original program and one (1) original set of attachments.
5. Be sure to keep a copy for yourself.
6. A written revised plan for nutrition / food service shall be submitted to our office for review and approval each time the food service plan undergoes any change, as follows:
a. A change in the license
b. The changing of vendors
c. The changing from vending to on-site preparation or vice versa
d. The center requests a change in licensure to include the care of children under two (2) years of age
7. Centers shall not offer foods that present a choking hazard to children under three (3) years of age, including, but not limited to, the following:

| Whole grapes | Pretzel nuggets | Hot dog rounds |
| :--- | :--- | :--- |
| Chips | Hard candies | Popcorn |
| Nuts | Marshmallows | Seeds |
| Raw peas | Dried fruit (including raisins) |  |
| Chunks of meat larger than a child can swallow whole |  |  |
| Spoonfuls of peanut butter (thinly spread on bread or crackers is acceptable) |  |  |

See 470 IAC 3-4.7-78, Meal Components.

| Name of facility | Date (month, day, year) |  |
| :--- | :--- | :--- |
| Location | County |  |
| City | ZIP code | Telephone number (with area code) |

E-mail address

Mailing address (if different from above)

| Name of director | Name of owner |
| :--- | :--- |

Name and address of food preparation site (if different from above)


List the number of children licensed for in the first column and the average daily census in the second column. (Proposed centers-estimate)

|  | Licensed For | Average Daily Census |
| :---: | :---: | :---: |
| ${ }^{*} 6$ weeks to 1 year |  |  |
| ${ }^{*} 1$ year |  |  |
| 2 years |  |  |
| 3 to 6 years |  |  |
| 7 to 13 years |  |  |

* If you have any children in these age groups, you must also complete the "Infant and Toddler Nutrition / Food Service Program Supplement."


## VENDING ONLY

INSTRUCTIONS: A center that vends (obtains prepared meals and/or snacks from outside of its own facility) must submit:

1. a copy of the current contract with the vendor or written procedure if self vending; and
2. a simple drawing which shows the area(s) in your center where you receive and serve the food, handwashing sinks, refrigerator, and food/utensil storage (draw it in the space below or include with attachments).


## TO BE COMPLETED BY ALL CHILD CARE CENTERS

INSTRUCTIONS: Check "Yes" for each item if it is a statement of the practice in your facility. Check "No" if the statement does not agree with your practice. Complete all questions.


| SANITATION | (continued) |
| :---: | :---: |
| 28. What product is used for sanitizing tables and food preparation services? <br> Name of manufacturer $\qquad$ <br> Name of product $\qquad$ <br> EPA registration number $\qquad$ <br> 29. What is the strength of the sanitizing solution used on tables and food preparation surfaces? $\qquad$ parts per million | 30. What is the strength of the sanitizing solution used for dishes, utensils, pots and pans? $\qquad$ parts per million <br> Or $\qquad$ per gallon of water. <br> 31. What product is used for sanitizing dishes, utensils and pots and pans in your three compartment sink? <br> Name of manufacturer $\qquad$ <br> Name of product $\qquad$ <br> EPA registration number $\qquad$ |
| Manual Procedure | Commercial Dishwasher |
| 32. Itemize each step of your dishwashing procedure | 33. Type $\qquad$ <br> Model $\qquad$ <br> Method of sanitizing (check one) $\square$ $170^{\circ}$ hot water Chemical <br> What chemical is used? $\qquad$ |
| FOOD AND EQUIPMENT STORAGE |  |
| 34. All refrigerators have intemal thermometers and are maintained at $41^{\circ}$ Fahrenheit or less. <br> 35. All freezers have intemal thermometers and are maintained at $0^{\circ}$ Fahrenheit or less. <br> 36. Nothing is stored on the floor in the kitchen or in the food storage area. | 37. Closed cabinets are used for storage of dishes, pots and pans and utensils. <br> 38. Cleaning supplies are inaccessible to children. Yes No <br> 39. Cleaning supplies are not stored above or with $\square$ Yes $\square$ No food. |
| NUTRITION EDUCATION |  |
| 40. Nutrition education is being presented to the children, and documentation on site. <br> 41. Nutrition education is being presented to the staff, and documentation on site. | 42. Children do not assist in the preparation of any foods that are consumed by others. |
| The above information and attachments are correct, accurate and serve as a written commitment to follow the content and practices referred to within. |  |
| Signature of (check one) $\quad \square$ Owner $\quad \square$ President of Board of Directors | $\square$ Director ${ }^{\text {a }}$ ( Date signed (month, day, year) |

## Have you attached one (1) copy of the following to each program?

1. Two (2) weeks of menus
2. One (1) recipe used in, and size appropriate for, your center for a main dish casserole (with protein) or nutrition label
3. Simple drawing of the food preparation area
4. If vending any meals or snacks, a copy of the current vendor's contract and a simple drawing of your food serving area (not the vendor's kitchen) (Contract must be SIGNED and CURRENTLY DATED) or if you self vend from an off site kitchen, a copy of your vending procedure.
5. If vending, include a copy of the current inspection from the local health department.
6. The following must be included:
a. Name of recipe
b. Size of serving (example: 1 1/2 ounces or 1/2 cup)
c. Ingredients and amounts used (meats and cheeses must be stated in ounces or pounds)
d. The number of portions (servings) the recipe makes (yields) (example: 25 portions or 50 portions)
e. Directions for making the recipe
7. An example of a main dish/casserole recipe is on the back. You must substitute a different one.

| Name of main dish recipe | Number of total portions | Size of servings |
| :--- | :--- | :--- |



| Name of main dish recipe | Number of total portions | Size of servings |
| :--- | :---: | :---: |
|  | Meat Loaf | $1 / 2$ cup |



## MENU PLANNER - CHILD CARE CENTER

The listed serving size is appropriate for children three (3) to five (5) years of age.
State Form 49955 (R4 / 4-22)

| Week |  | Name of center |  |  |  |  | Menus written by |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MONDAY |  | TUESDAY |  | WEDNESDAY |  | THURSDAY |  | FRIDAY |  |
|  | Food Item | Amount | Food Item | Amount | Food Item | Amount | Food Item | Amount | Food Item | Amount |
| Breakfast Time: <br> Fruit, Vegetable or Juice |  |  |  |  |  |  |  |  |  |  |
| Cereal or Toast (grain) |  |  |  |  |  |  |  |  |  |  |
| Milk |  |  |  |  |  |  |  |  |  |  |
| A.M. Snack Time: <br> * \#1 Component |  |  |  |  |  |  |  |  |  |  |
| * \#2 Component |  |  |  |  |  |  |  |  |  |  |
| Lunch <br> Time: <br> Meat, Fish, Poultry, Eggs, et cetera |  |  |  |  |  |  |  |  |  |  |
| Vegetable / Fruit / Salad |  |  |  |  |  |  |  |  |  |  |
| Vegetable / Fruit / Salad |  |  |  |  |  |  |  |  |  |  |
| Bread, Rice, or Pasta (grain) |  |  |  |  |  |  |  |  |  |  |
| Milk |  |  |  |  |  |  |  |  |  |  |
| P.M. Snack Time: * \#1 Component |  |  |  |  |  |  |  |  |  |  |
| * \#2 Component |  |  |  |  |  |  |  |  |  |  |

* Two (2) of the five (5) components (bread, fruit or juice, dairy, vegetable, protein) must be served for AM and PM snack.
- If juice or milk is not one of the two (2) components, serve water.
- Vitamin C source must be served at either AM or PM snack or lunch daily.
- Two (2) Vitamin A sources must be served at lunch each week.
- Show modifications / substitutions for children under three (3) as needed.


## MENU PLANNER - CHILD CARE CENTER

The listed serving size is appropriate for children three (3) to five (5) years of age.
State Form 49955 (R4 / 4-22)

| Week |  | Name of center |  |  |  |  | Menus written by |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | MONDAY |  | TUESDAY |  | WEDNESDAY |  | THURSDAY |  | FRIDAY |  |
|  | Food Item | Amount | Food Item | Amount | Food Item | Amount | Food Item | Amount | Food Item | Amount |
| Breakfast Time: <br> Fruit, Vegetable or Juice |  |  |  |  |  |  |  |  |  |  |
| Cereal or Toast (grain) |  |  |  |  |  |  |  |  |  |  |
| Milk |  |  |  |  |  |  |  |  |  |  |
| A.M. Snack Time: <br> * \#1 Component |  |  |  |  |  |  |  |  |  |  |
| * \#2 Component |  |  |  |  |  |  |  |  |  |  |
| Lunch <br> Time: <br> Meat, Fish, Poultry, Eggs, et cetera |  |  |  |  |  |  |  |  |  |  |
| Vegetable / Fruit / Salad |  |  |  |  |  |  |  |  |  |  |
| Vegetable / Fruit / Salad |  |  |  |  |  |  |  |  |  |  |
| Bread, Rice, or Pasta (grain) |  |  |  |  |  |  |  |  |  |  |
| Milk |  |  |  |  |  |  |  |  |  |  |
| P.M. Snack Time: * \#1 Component |  |  |  |  |  |  |  |  |  |  |
| * \#2 Component |  |  |  |  |  |  |  |  |  |  |

* Two (2) of the five (5) components (bread, fruit or juice, dairy, vegetable, protein) must be served for AM and PM snack.
- If juice or milk is not one of the two (2) components, serve water.
- Vitamin C source must be served at either AM or PM snack or lunch daily.
- Two (2) Vitamin A sources must be served at lunch each week.
- Show modifications / substitutions for children under three (3) as needed.

| FOODS | SERVINGS FOR EACH CHILD PER DAY (24) | AVERAGE SIZE SERVING PER AGE |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1-2 Years | 2 Years | 3-5 Years | 6-18 Years |
| Milk - Fluid pasteurized, homogenized fortified with vitamin A and D - whole, 2\%, $1 \%$ (skim and buttermilk can be used only under a physician's order) <br> Note: Reconstituted dry milk shall not be used as a beverage. | 2-3 | 4 oz. | 4 oz. | 6 oz. | 8 oz. |
| Vegetables and Fruits <br> Vitamin C food source: Fruits: orange or grapefruit juice, a 100\% fruit juice fortified with vitamin C (e.g. grape, pineapple, apple), oranges, grapefruit, tangerines, cantaloupe, strawberries, kiwi fruit, papaya, tangelo, watermelon, pineapple, and raspberries. <br> Vitamin A food sources: Vegetables: carrots, winter squash, acorn squash, butternut squash, pumpkin, yams, sweet potatoes, asparagus, tomatoes, spinach, turnip greens, kale, mustard greens, collard greens, beet greens, peas and carrots, mixed vegetables, broccoli, red peppers, romaine lettuce, zucchini with skin, and Chinese cabbage. <br> Fruits: cantaloupe, apricots, papaya, purple plums, watermelon, and mangos. Protein Foods: liver (equal to 3 servings of vitamin A per week). | 4 or more <br> 1 <br> 2 vitamin A food sources per week must be served at lunch. <br> 2 vitamin A food sources per week must be served at dinner (if provided). | $\begin{gathered} 1-2 T \\ 1 / 2 \text { cup } \end{gathered}$ $1-2 T$ | 3T <br> 1/2 cup <br> 3T | 1/4 cup <br> 1/2 cup <br> 1/4 cup | 1/2 cup <br> 1/2 cup <br> 1/2 cup |
| Meat and Other Protein Foods (Main Entrees) <br> Cooked lean meat, poultry, fish <br> Protein equivalents: <br> Amounts listed below are equal to 1 ounce of meat <br> Casseroles <br> Meat Salads | 2 | 1/2-1 oz. <br> 1/2 oz. <br> 2T <br> 1/2 <br> 1/4 cup <br> 1/4 cup <br> 1/4 cup | 1 oz. <br> 1 oz. <br> 1/4 cup <br> 1 <br> 1/2 cup <br> 1/3 cup <br> 1/4 cup | 1 1/2 oz. <br> 1 1/2 oz. <br> 1/3 cup <br> 1 1/2 <br> 3T <br> 3/4 cup <br> 1/2 cup <br> 1/3 cup | 2-3 oz. $\begin{gathered} 2-3 \text { oz. } \\ 1 / 2-1 / 3 \text { cup } \\ 2-3 \\ 4-6 T \\ 1-11 / 2 \text { cup } \\ 1-11 / 2 \text { cup } \\ 1 / 2-1 \text { cup } \end{gathered}$ |
| Bread and Cereal Group (whole grain and enriched) <br> Bread <br> Dry Cereal <br> Cooked Cereal, Grits, Polenta <br> Rice / Noodles <br> Crackers <br> Saltines <br> Graham crackers (2 1/2" square) <br> Variety of crackers (1-1 1/2" squares) <br> Plain tortilla chips | 3-4 | $\begin{gathered} 1 / 4 \text { slice } \\ 2-3 T \\ 2 T \\ 2-3 T \\ \\ 2 \mathrm{sq} . \\ 1 / 2 \mathrm{sq} . \\ 2 \end{gathered}$ | $1 / 2$ slice <br> 1/3 cup <br> 1/4 cup <br> 1/4 cup <br> 2 sq. <br> 1 sq. <br> 3 | 1/2 slice <br> 1/2 cup <br> 1/4 cup <br> 1/4 cup $\begin{gathered} 3-4 \text { sq. } \\ 1 \text { sq. } \\ 5-6 \\ 8 \end{gathered}$ | 1 slice <br> 3/4 cup <br> 1/2 cup <br> 1/2 cup <br> 5-8 sq. <br> 2 sq. <br> 10-12 <br> 16 |
| Other Foods <br> Butter or margarine | used in cooking or as a spread | 1/2-1 tsp. | 1 tsp . | 1 tsp . | 3 tsp. |

## Breakfast

1/4 cup fruit or fruit juice
$1 / 2$ slice bread
3/4 cup milk

## PM Snack

Two (2) of the five (5) food components (bread, fruit or juice, dairy, vegetable, protein)
\#1 Component from a food group
\#2 Component from a second food group
(Provide water as a beverage when juice or milk is not served as one component)

## Dinner

$11 / 2$ ounces. high protein food
2 separate $1 / 4$ cup servings of vegetables / salad / fruit
1/2 slice bread
3/4 cup milk

## Bedtime Snack

1/2 cup vitamin C fruit or fruit juice or
1/2 cup milk
$1 / 2$ slice bread

## Lunch

$11 / 2$ ounces high protein food
2 separate $1 / 4$ cup servings of vegetables / salad / fruit
1/2 slice bread
3/4 cup milk

## AM Snack

Two (2) of the five (5) food components (bread, fruit or juice, dairy, vegetable, protein)
\#1 Component from a food group
\#2 Component from a second food group
(Provide water as a beverage when juice or milk is not served as one component)

Do not serve a competing beverage with milk at lunch or dinner. Milk is the only beverage to be served at meals.
Two (2) vitamin A sources must be served at lunch and at dinner each week.
Vitamin C must be served at either AM or PM snack or lunch daily. Additional Vitamin C is to be served at dinner or bedtime snack.

## PROTEIN FOODS

Main dishes (entrees) made with meat, poultry, fish, cheese, eggs or peanut butter are considered high protein dishes.

1. Serve plain, lean high protein foods (example: chicken breast) at least two (2) times each week (instead of casseroles). List serving sizes for plain high protein foods in weight ounces (example: baked chicken, $11 / 2$ ounces). Use volume (cups) for casserole and combination foods.
2. Provide variety. Do not serve the same main dish more than once every two weeks.
3. When sandwiches are on the menu, you may provide the protein by:
a. Including the required amount of high protein food in the sandwich (example: for a 3 -year-old, 1 slice bread with 1 ounce of cheese and $1 / 2$ ounce of ham): or by
b. serving part of the required amount of protein in the sandwich and the rest of the amount of protein in a small serving of another high protein food (example: for a 3-year-old, 1 slice bread with 2 tablespoons peanut butter plus a 1 ounce cheese cube).
4. The serving size for peanut butter for 3-to 5 -year old children is 3 tablespoons. This amount may be too much to be placed in one sandwich; therefore, you may serve one peanut butter sandwich (made with 1 tablespoons peanut butter) plus another protein food (example: hard-cooked egg).
5. If spaghetti, chili, pizza or casseroles are homemade, write "homemade" on the menu. If you are using commercial products instead, extra high protein food may need to be added to ensure adequate protein in each serving. When you add extra high protein food, write this on the menu (example: hamburger added).
6. Dried beans (example: baked beans) are a low quality protein food, therefore, a larger amount must be served to each child in order to give enough protein. Since most 3 - to 6 -year-olds cannot eat more than 1/2 cup of beans or bean soup, you may need to serve at least $1 / 2$ ounce of another protein when beans or bean soup are the main sources of protein in a meal.

## VEGETABLES

1. Homemade soups which contain at least $1 / 4$ cup of vegetable in each $1 / 2$ cup serving will count as one vegetable serving but "homemade" must be written on the menu. Commercial soups must have added vegetables if counted as a vegetable component.
2. These foods are high in protein and do not count as vegetables: cottage cheese and deviled eggs.
3. These foods do not count as vegetables or bread equivalent: potato chips, potato sticks, corn chips, flavored tortilla chips, tomato sauces, commercial soups, processed vegetable straws.
4. The following are bread-equivalent foods and do not count as vegetables: macaroni, rice, spaghetti, macaroni salad, noodles.
5. Gelatin with fruit and/or vegetables does not count as a vegetable or fruit serving unless it contains the required amount of vegetables and/or fruit in each serving.

| BREAD SERVINGS |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Bread (wheat, cinnamon, | Dry Cereals / Cooked Cereals | Pancakes | Macaroni | Waffles |
| cornbread, et cetera) | Plain Doughnuts | Spaghetti | Tortillas | Rice |
| Crackers (graham, rye, <br> sesame, wheat, et cetera) | Macaroni Salad | Popcorn | Pretzels | Polenta |
|  | French Toast | Party Mix | Muffins | Grits |

Potato chips, corn chips and similar foods are high in fat and low in nutrients and may not be used as bread equivalents.

## MILK

Serve either whole milk, $2 \%$, or $1 \%$ milk. Do not serve skim milk or nonfat dry (powdered) milk unless a child's physician has given a written order. May serve breast, enriched soy milk or lactose free milk at parental request.

Do not serve a competing beverage with milk (i.e., cola, lemonade, tea, juice, et cetera) at lunch or dinner.

## VITAMIN C SOURCES

Serve one (1) source per day at AM or PM snack to daytime children. Serving size: $1 / 2$ cup, all ages. If you are open in the evening, serve another source at the bedtime snack to the evening children.

Fruits:

Orange Sections
Strawberries
Tangerine Sections
Kiwi Fruit
Orange Juice
Vegetables:

| Asparagus | Cauliflower | Sweet Potatoes |
| :--- | :--- | :--- |
| Broccoli | Kale | Tomatoes |
| Cabbage | Peppers |  |

Cabbage

Orange-Grapefruit Juice
Grapefruit
Cantaloupe
Papaya Cubes
Watermelon
Pineapple
Raspberries
Tangelo Sections
Grapefruit Juice
Grape Juice with Vitamin C

Apple Juice with Vitamin C 100\% Juice Blends with Vitamin C Vegetable Juice with Vitamin C Tomato Juice with Vitamin C Pineapple Juice with Vitamin C

## VITAMIN A SOURCES

Vegetables may be served raw (in salad or cut up) or cooked.
Vegetables:

Carrots

Winter Squash
Acorn Squash
Butternut Squash
Red Peppers

Sweet Potatoes
Pumpkin
Broccoli
Yams
Zucchini with Skin

Apricots
Cantaloupe
High Protein Foods:
Liver

| Spinach | Kale |
| :--- | :--- |
| Tomatoes | Collard Greens |
| Asparagus | Mustard Greens |
| Turnip Greens | Beet Greens |
| Chinese Cabbage | Romaine Lettuce |

Mangoes Papaya
Watermelon

| SERVING SIZES |  |
| :--- | :--- |
| The serving sizes written on your menu should be for the age of your largest group in attendance. |  |
| MENU WRITING HINTS |  |
| The specific name of the food or beverage and how it is prepared must be written on the menu. |  |
| Correct Example: | Incorrect Example: |
| Baked Chicken Leg | Chicken |
| Orange Juice | Juice |
| Cornflakes | Cereal |
| Fresh Peach | Peach |

If you are using a bleach solution for sanitizing your facility, use the following concentrations. Only use products with an EPA registration number on the label. These solutions must be made daily using warm water. (Don't use cold or very hot water.) One person should be designated to make these sanitizing solutions. LABEL BOTTLES WITH CORRECT SOLUTION STRENGTH AND DATE OF PREPARATION.

Dishes, toys, and items you submerge in the bleach solution for one minute:

50 parts per million (check with chlorine test strips)
(Approximately one-half teaspoon chlorine to one gallon water.)


Tables, food preparation areas, toys, cots and items you spray bleach solution on to sanitize:

1 tablespoon chlorine to one gallon water
(Paper test strip will show dark at 200 ppm.)
When sanitizing surfaces such as cots, toys, counter tops and tables with 200 ppm bleach solution the following contact times must be followed:

- Sprayed surfaces must be wet for one minute before wiping dry with a disposable paper towel

- Wet wiped surfaces must wait two minutes before being wiped dry with a disposable paper towel.
* Universal Precautions: For areas saturated with blood or blood products:
$10 \%$ solution - label your spray container indicating this concentration.
(One cup bleach to 9 cups water in a one gallon container.)
Test strips will turn very dark and then turn back to white.
Bottle must be dated when made and solution discarded after 24 hours.
$1 / 4$ cup bleach and $21 / 4$ cups water will make an amount that will fit in a quart bottle.


To
1 Tablespoon Bleach


1 Quart Water

If you are using a sanitizer other than a bleach solution, check with our office for equivalent sanitizing solutions.
Call 1-877-511-1144 for additional assistance.

* This is a stronger concentration of chlorine than previously required. It has been changed to this concentration as recommended by the Centers for Disease Control federal guidelines and the Universal Precautions guidelines. Do not use this solution on tables, toys, cots, or food preparation areas.


## I. Recipes

When calculating protein content for your Standardized Entree Recipe remember to allow for loss due to fat, water content and bone in meats. A rule of thumb to follow would be $25 \%$ loss for boneless meats such as ground beef, stew meat and roasts. Figure approximately eight one and one-half ounce servings per pound. For bony meats such as chicken and bone in roasts, loss is greater at $35 \%$ or more and would yield only four to six servings per pound. Precooked, ready to serve, plain meats and hard or semi-soft cheese can be calculated at straight weight; i.e., approximately 10 one and onehalf ounce servings per pound.

Cottage cheese is counted as one-fourth cup volume equaling one ounce of protein. Eggs are counted as one ounce protein in each large egg (8 servings of 1.5 ounces per dozen eggs.)

To calculate the amount of servings of one and one-half ounces protein your recipe provides, estimate the number of servings for each protein ingredient and add together.

## Example: Recipe Calls For

5 lb . ground beef $(8$ servings per lb. $\times 5=40)=40$ servings of 1.5 oz.
1 lb . cheese ( 4 cups grated) 10.5 servings / lb. $=\frac{10.5}{50.5}$ servings of 1.5 oz.
Or calculate the total protein available as follows:
Total weight - loss percentage (25\% / 35\%) = protein available.
Divide protein available by serving size (1 1/2 oz. / 2 ozs.) to get number of servings provided.

## Example:

5 lbs. (80 ozs.) ground beef $-25 \%=60$ ozs. protein divided by serving size of 1.5 ozs. $=40$ servings of 1.5 ozs. each or
divide by 2 ozs. $=30$ servings of 2 ozs. each.
5 lbs. ( 80 ozs.) bone-in roast $-35 \%=52$ ozs. protein divided by serving size of $1.5 \mathrm{ozs} .=34.5$ servings of 1.5 ozs. each or
divide by 2 ozs. $=26$ servings of 2 ozs. each.
Be sure to state the serving size and total number of servings on your recipe. The serving size of mixed entree recipes (casseroles) must be stated in cups (.5-1.5 cups) not ounces. Plain meat dishes are stated in ounces. Request a copy of the "Food Buying Guide" from your Child Care Facilities Surveyor for a quick reference of number of servings provided per unit on food items.

## II. Milk Quantities

To estimate the amount of milk your center would need to serve the correct serving size of milk to children two times a day per week, estimate the average attendance for each age group and calculate as follows:

1. Number of one and two year olds
x 40 oz. factor (based on 4 oz. serving size)
2. Number of three to five year olds
x 60 oz. factor (based on 6 oz. serving size)
3. Number of before and after schoolers (6-12 years) x 40 oz. factor (based on 8 oz. serving size)

## II. Milk Quantities (continued)

Add total (numbers 1, 2 and 3) and divide by 128 oz. (gallon) to estimate number of gallons needed per week.

Example: 10 children (1-2) x 40 oz. $\quad 400 \mathrm{oz}$. (based on lunch and one snack)
50 children (3-5) x 60 oz. $\quad 3000$ oz. (based on lunch and one snack)

12 before and after schoolers $\times 40=4800$ oz. (based on one snack only)
Total 3880 oz . divided by $128=30.3$ gal. / week
If most of your children also eat breakfast at the center, this would need to be increased accordingly. (Add 20 to one and two's factor; add 30 to three to six factor; add 40 to school age factor.)


THIS OPERATION IS ONLY AS EFFECTIVE AS THE PERSON DOING THE DISHWASHING.

1. Scrape or Pre-Flush

To remove food residues.

## 2. Wash

In warm water (approx. $80^{\circ} \mathrm{F}-110^{\circ} \mathrm{F}$ ) containing an effective detergent until all visible food particles and grease have been removed.

## 3. Rinse

In clean warm water to remove the soap film and remaining food particles. (Water temperature should be $100^{\circ} \mathrm{F}-110^{\circ} \mathrm{F}$ )

## 4. Sanitize

By one of two methods:

1. Immersing completely in an effective chemical solution* for 60 seconds.
2. Immersing completely in hot water maintained at $170^{\circ} \mathrm{F}^{* *}$ for 30 seconds.

## 5. Air Dry

Prior to storing in a clean and protective place.

* A factor to remember when using chemicals for sanitizing is the concentration of active ingredients being used. This will vary with different chemicals and must be rigidly controlled if effective sanitization is to be accomplished. Read the label, ask your supervisor or your local health department for required amounts. Temperature of water $=80^{\circ} \mathrm{F}-110^{\circ} \mathrm{F}$.
** Maintaining water at $170^{\circ} \mathrm{F}$. is accomplished by use of an automatically controlled water heater or other effective means (running hot water from a fixture to maintain this temperature is not considered satisfactory in meeting this requirement.)

FOR MONTHLY - USE SECOND TUESDAY, FIRST WEDNESDAY, ET CETERA

FOR WEEKLY - USE THURSDAY, MONDAY, ET CETERA
FOR TWICE A MONTH - USE FIRST AND THIRD TUESDAY, SECOND AND FOURTH THURSDAY, ET CETERA


