

Food Distribution Program

Foundations: Forecasting

*Texas Department of
Agriculture*

USDA Division



TEXAS DEPARTMENT OF AGRICULTURE
COMMISSIONER SID MILLER

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www.SquareMeals.org



Food and Nutrition Division
Food Distribution Program

Acknowledgement Statement

You understand and acknowledge that:

- The training you are about to take does not cover the entire scope of the program; and that
- You are responsible for knowing and understanding all handbooks, manuals, alerts, notices, and guidance, as well as any other forms of communication that provide further guidance, clarification, or instruction on operating the program.

Course Introduction

Course Outline
and Objectives



Foundations: Forecasting Course Outline

01

Forecasting Overview

Understanding forecasting purpose, benefits, and steps

02

Pre-Planning

Analyzing cycle menus and observing trends

03

Food Production Records

Analyze historical data and trends

04

Inventory Reports

Analyze inventory to forecast quantities and costs

05

Maximizing Entitlement

Tools and strategies

06

Request USDA Foods

Putting it all together

Course Objectives and Outcomes

By the end of this course, participants will be able to:

- Identify and understand the steps in forecasting and procurement timeline

- Understand how to conduct needs analysis and calculate inventory of USDA Foods

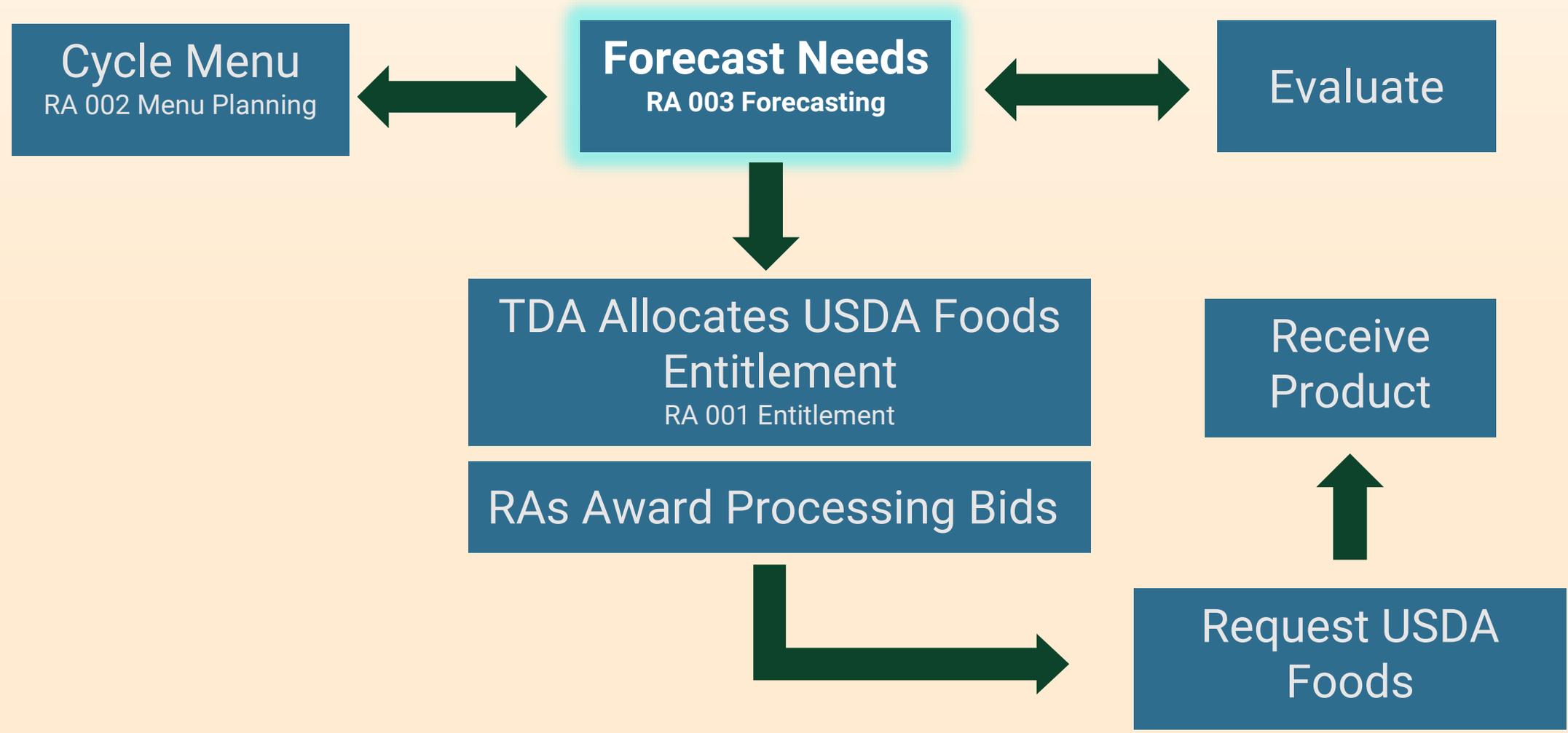
- Understand how to use Food Production Records to assist in forecasting

- Identify tools and strategies that help maximize USDA entitlement dollars



Forecasting Overview

Steps of Procurement



**Adapted From Functional Forecasting In Menu Planning*

A magnifying glass is positioned over a line graph on a document. The graph shows a blue line that fluctuates and then drops sharply. The background is a light blue color with a subtle grid pattern. The magnifying glass is centered over the graph, highlighting a specific point of interest.

What is Forecasting?

Forecasting Is...



Planning.

The process of evaluating resources, projecting expenses, and determining needs. Involves estimating goods, works, and services needed.

What does that look like?

- Analyzing current and historical data in Food Production Records to determine future trends.
- Making predictions/estimates based on report analysis for coming year.
- Assessing needs for procurement.

**What are the benefits
of the forecasting
process?**

Purpose and Benefits:



Advanced, detailed planning will assist with...



More cost-effective pricing



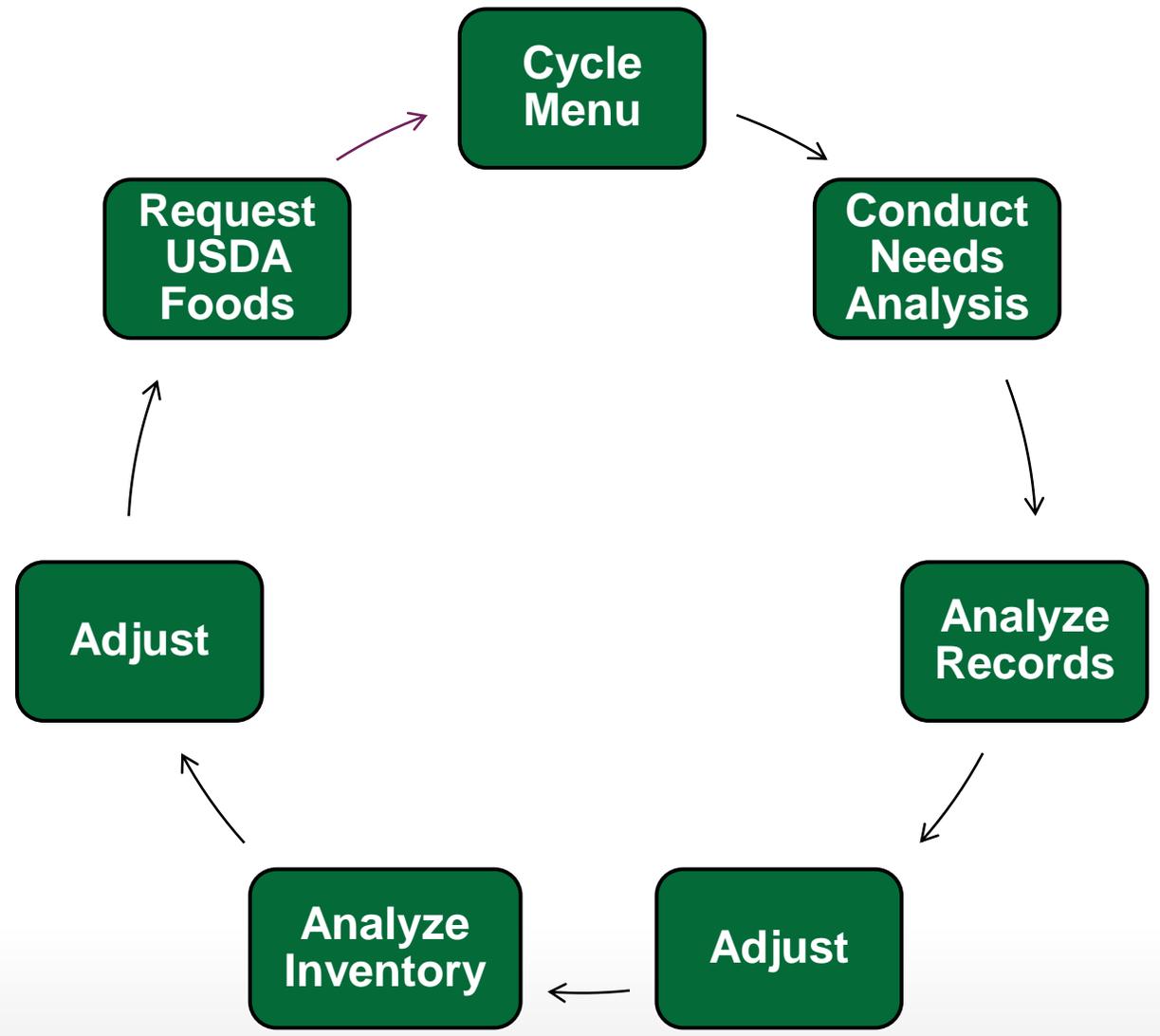
Full utilization of entitlement



Fewer menu shortages, purchasing and delivery errors, problems to manage

****From Forecasting The Procurement of Foods by the Institute of Child Nutrition***

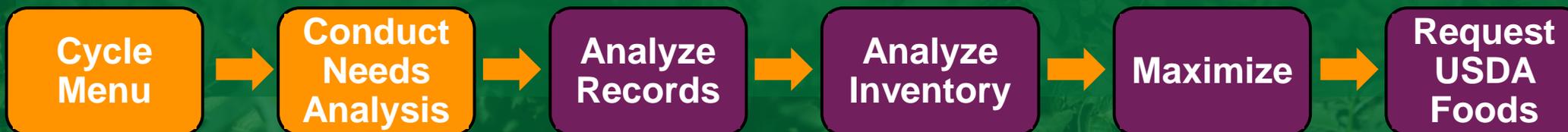
Forecasting Cycle



Forecasting Steps

STEP	WHAT I NEED TO KNOW	HOW I DETERMINE IT	ADJUSTMENTS
1	What food to order?	Create Cycle Menu	
2	What will students eat?	Conduct Needs Analysis	Adjust Food List/Menu
3	How much did they eat?	Analyze Food Production Records	Adjust Menu Frequency
4	How much have I used & how much do I have left?	Analyze Inventory Reports	Adjust Quantities
5	How much does it cost?	Maximize Entitlement	Adjust Menu/Quantities
6	Request USDA FOODS!	WBSCM & FFAVORS	

Pre-Planning





Pre-Planning Step 1: Create Cycle Menu

Creating Cycle Menus



- Dissect Menu**
 - Variety, Equipment, Labor, Student Interest, Available Commodities

- Observe Trends**
 - Review Food Production Records
 - Review Point of Sales Counts

- Control Costs**
 - Available Revenue
 - USDA Reimbursement
 - Non-Food Costs

- Budget**

1

Create Cycle
Menu



Pre-Planning Step 2: Needs Analysis

Needs Analysis Steps



- a) Past Activity
- b) Current Activity
- c) Future Planning



Step 2a. Analyze Past Menu Surveys



Menu Surveys

☐ Gather student feedback:

- Student Surveys
- Taste Tests
- Comment Cards
- Focus Groups

☐ Use feedback numbers to adjust items ordered and quantity ordered.

Resources for Child Nutrition Programs

Administration/Forms **Please Note**

Meal Appeal

Meal Pattern Support for SY 22-23

MENU Module

National School Lunch Week

New Applicants

Newsletter

Policy/ARM

Program Year Calendar

Reimbursement Rates

Resources

School Lunch Hero Day

Statistics

Texas ELMS

Texas Farm Fresh

Training

TX-UNPS

USDA Foods

Waivers

Policy Documents

Transitional Meal Pattern Resources

Meal Appeal Documents

Tried Local! Taste Testing Toolkit

1. Simple steps for launching your first taste test.
2. Recommendations to make taste tests successful.
3. Tips to plan and promote a special menu.
4. In-school promotional assets to encourage student participation.
5. Tools to help collect feedback and analyze results.

Offering Smoothies as Part of Reimbursement

provides menu planning ideas, credit nutrition professionals how both scratch and pre-made smoothies can be offered as part of a reimbursement menu.

Offering Meats and Meat Alternatives

ideas on how to include Meats and Meat Alternatives in your menu. Information includes:

- Meal Pattern Requirements
- Menu Planning
- Sample Breakfast Menus
- Success Stories

Resources Under NSLP

Meal Appeal for School Nutrition Programs

Meal Appeal Initiative for National School Lunch Program

information and resources that provide child nutrition professionals inspiration and tools to create healthy meals that kids love and taste great.

If you would like to share quick tips, ideas or resources for how to boost meal appeal, please email MealAppeal@TexasAgriculture.gov.

20 Grab and Go Recipes from Culinary Institute of Child Nutrition (CICN) to add to your NSLP, SBP, and Summer menus. [Click here or the image to the right to access!](#)

NEW Meal Appeal Training!

The training provides more meal appeal tips for school meals to be used with the Meal Appeal Toolkit below. [Click here to access!](#)

TDA's USDA Foods Recipe Suggestion Book

This recipe book contains standardized recipes for black-eyed peas, chickpeas, pepper and onion mix, and kidney beans for NSLP, SBP, and SFSP menus.

Download the **Top 10 Easy Wins** to boost your meal appeal for NSLP lunches!

We've made it **EVEN EASIER** for you to boost your meal appeal!

Click the image below to download the new **Meal Appeal Toolkit** for the National School Lunch Program!

NATIONAL SCHOOL LUNCH PROGRAM

MEAL APPEAL TOOLKIT

TEXAS DEPARTMENT OF AGRICULTURE
COMMISSIONER SID MILLER

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Step 2a. Analyze Past Records



Food Production Records

- Use to track:
 - Total daily participation
 - Specific food items sold
 - Number of reimbursable meals and a la carte sales each day
- Guides number of servings should be prepared next time same menu from cycle is served



Step 2a. Analyze Past Pricing/Availability

21



Product Pricing and Availability

- Analyze which items were:
 - More cost effective
 - Less cost effective
 - Unavailable

- Adjust order quantities, make substitutions based on analysis



2

Conduct Needs Analysis

Step 2b. Analyze Current Year Activity

Construction Impacts

Will construction impact the quantity of materials ordered due to impacts on:

- Storage Capabilities
- Equipment Access
- Food Preparation

Student Enrollment

Use historical records to:

- Forecast amount of material needed.
- Has enrollment increased or decreased?
- Adjust order quantity based on current student enrollment.

Special Provisions

Analyze Special Provisions

- Will any schools implement special provisions?
- How will provisions impact quantities? (may increase)

Active Vendor Contract

Consider Active Vendor Contracts

- How will active vendor contracts impact materials ordered?

2



Conduct Needs Analysis

Step 2c. Future Planning

Planned Renovations

Analyze how future construction will impact the quantity of materials ordered due to:

- Storage Capabilities
- Equipment Access
- Food Preparation

Campus Closures and Consolidation

Consider how closures and consolidations will impact procurement

- How will enrollment impact ordering quantities and/or materials?

Entitlement Funding Changes

Analyze Changes in Entitlement Dollars

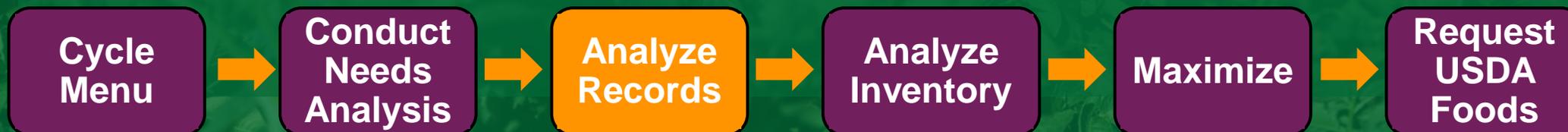
- Has entitlement increased or decreased?
- How will changes impact materials ordered or method of procurement?

2

Conduct Needs Analysis



Step 3: Analyze Food Production Records



- Required daily document demonstrating meals served and claimed
- Keep complete and accurate Food Production Records including:
 - Menus
 - Food Substitutions
 - Meal Pattern Contribution Documentation
- Must include required elements on TDA Food Production Record Template



3

Analyze Food
Production
Records

Food production records should be used as a management tool to:

- Determine future trends
- Adjust preparation amounts
- Adjust amount of material ordered in the future based on historical usage



3

Analyze Food
Production
Records

Using Food Production Records

Texas Department of Agriculture

Form | Food Production Record | Onsite Kitchen
June 1, 2020

Daily Food Production Record for Onsite Kitchen

1. Contracting Entity (CE) Name: Anywhere ISD
 2. Site Name: My Elementary School
 3. Meal Service: Breakfast Lunch Snack Supper
 3a. Type of Service: OVS Serve Only

4. Number Meals Served
 4a. Students 200
 4b. Adults 0
 4c. Total 200
 5. Date: 03/25/2020

Abbreviations used:

Food Item	12. Meal Contribution	13. Recipe #	Planned Portions and Serving Sizes										19. Total Amount Prepared (Lbs., Quarts, Gallons, or #10 Cans)	20. Leftovers	21. Comments (Optional)	
			14. Age/Grade K-5		15. Age/Grade _____		16. Age/Grade _____		17. Adults		18. A La Carte					
			14a. # Portions	14b. Portion Size	15a. # Portions	15b. Portion Size	16a. # Portions	16b. Portion Size	17a. # Portions	17b. Portion Size	18a. # Portions	18b. Portion Size				
6. Meat/Meat Alternate																
Baked Chicken Breast	2 oz eq M/MA	CN000000	200	1 each											1 case @200 servings/case	
7. Grain																
WG Roll	1 oz eq G		200	1 each											2 cases@100 servings/case	
8. Vegetable																
Green Beans	1/2 c V (O)	V-1	200	1/2 c											___ #10 cans	
Mashed Potatoes	1/2 c V (S)	V-2	200	1/2 c											4 cases@50 servings/case	
9. Fruit																
Pineapple Tidbits	1/2 c F		200	1/2 c											___ #10 cans	
10. Milk																
FF Chocolate Milk	8 oz Milk		150	1 each											3 cases@50 servings/case	
1% Plain Milk	8 oz Milk		50	1 each											1 case@50 servings/case	
11. Other/ Condiment																
Ketchup			200	2 each											1 case@400/case	



3 Analyze Food Production Records

Food Production Record: Portion Sizes

Texas Department of Agriculture

Form | Food Production Record | Onsite Kitchen
June 1, 2020

Daily Food Production Record for Onsite Kitchen

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1% Plain Milk	8 oz Milk		50	1 each										1 case@50 servings/case		
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Ketchup			200	2 each										1 case@400/case		

Review Portion Size and Number of Portions Columns for Appropriate Grade Group



3 Analyze Food Production Records

*From Food Production Records in the National School Lunch and School Breakfast Programs

Food Production Record: Amount Prepared

Texas Department of Agriculture

Form | Food Production Record | Onsite Kitchen
June 1, 2020

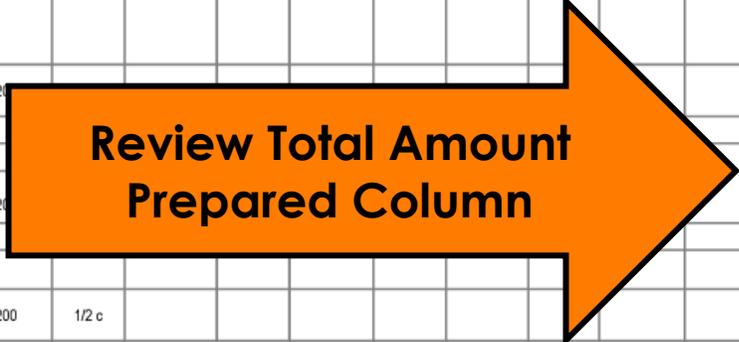
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Ketchup			200	2 each													1 case@400/case	



3

Analyze Food Production Records

*From Food Production Records in the National School Lunch and School Breakfast Programs

Food Production Record: OVS

Texas Department of Agriculture

Form | Food Production Record | Onsite Kitchen
June 1, 2020

Daily Food Production Record for Onsite Kitchen

1. Contracting Entity (CE) Name: Anywhere ISD
 Site Name: My Elementary School
 Service: Breakfast Lunch Snack Summer
 3a. Type of Service: OVS Serve Only
 4. Number Meals Served
 4a. Students 200
 4b. Adults 0
 4c. Total 200
 5. Date: 03/25/2020

Review OVS Offer Vs. Serve Service

Food Item	12. Meal Contribution	13. Recipe #	14. Planned Portions and Serving Sizes										19. Total Amount Prepared (Lbs., Quarts, Gallons, or #10 Cans)	20. Leftovers	21. Comments (Optional)		
			14. Age/Grade K-5		15. Age/Grade _____		16. Age/Grade _____		17. Adults		18. A La Carte						
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7. Grain																	
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8. Vegetable																	
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Ketchup			200	2 each												1 case@400/case	



3

Analyze Food Production Records

*From Food Production Records in the National School Lunch and School Breakfast Programs

Offer vs. Serve



Offer vs. Serve: What Kids Want



- Allows students to decline some foods offered and select foods they prefer eating.
- Applies to menu planning and reimbursable meals
- Reduces potential for waste
- Lowers overall food cost

3

Analyze Food
Production
Records

Analyzing Offer vs. Serve to Forecast



Analyze servings at each meal to estimate future servings needed.

Example:

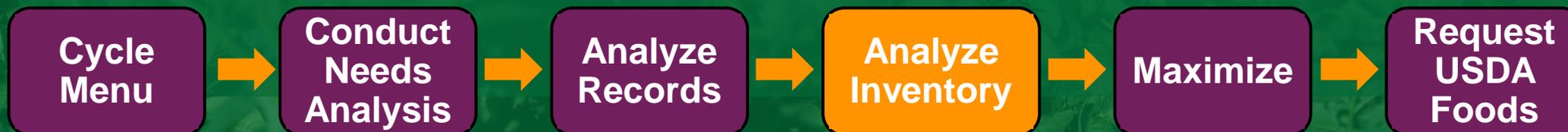
- You won't serve 100 servings of every item offered.
- You might serve 100 servings of hamburgers; 60 servings of corn, 50 apples etc.

Use these numbers to guide future orders.

3

Analyze Food
Production
Records

Step 4: Analyze Inventory Reports



Tracking USDA Foods

Weekly:

Set a reminder to track inventory and entitlement balances to assess future needs and buying power.

Check FFAVORS
(Fresh Fruit and Vegetable Order Receipt System)
to review DoD and Local Grown (Farm to School)
inventory.

4

Analyze
Inventory
Reports

Tracking USDA Foods: Processing Inventory Management



Monthly:



Review USDA Food Pounds that are with processor by:



Viewing current inventory balance through K12 or ProcLink tracking systems



In-house tracking systems



Distributor Tracking Systems

4

Analyze
Inventory
Reports

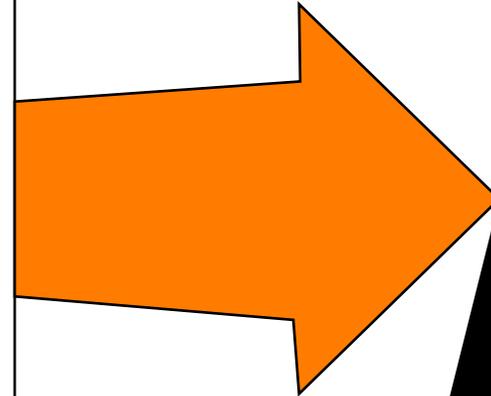
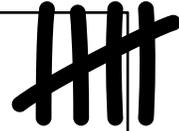
Actual Monthly Food Counts to Forecast

37

Analyze Counts Of:

- Beginning inventory of purchased and USDA Foods
- Food purchased during month and USDA foods value received
- End of month inventory of purchased and USDA Foods

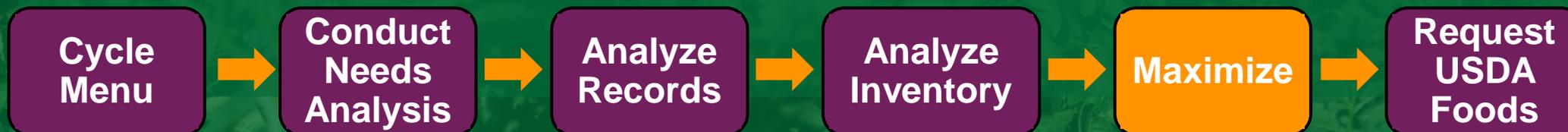
Adjust future order quantities based on inventory counts



4

Analyze
Inventory
Reports

Step 5: Maximizing Entitlement



Actual Monthly Food Cost to Forecast



\$ Beginning inventory of purchased and USDA Foods

+

Food purchased during month and USDA foods value received

-

End of month inventory of purchased and USDA Foods

=

Food Costs for Month

Determine Cost-Effectiveness

- Gather items needed to complete the Cost Analysis Worksheet
- Follow Cost Analysis Checklist
- Consider following Best Practice Guidance in comments

DOCUMENT GATHERING CHECKLIST FOR COST ANALYSIS REGULAR/BROWN BOX ITEMS

Use this checklist as a guide for the documents/data you will need to complete this cost analysis tool for calculating the comparison of Regular/Brown Box items and commercially equivalent purchased products. Having everything on hand before you begin spreadsheet entries will assure you have all data required to conduct an accurate analysis.

REGULAR (BROWN BOX) USDA FOODS INFORMATION

- List of USDA Foods Brown box items used in your operation
 - Include WBSCM # and product descriptions
 - USDA foods case value
 - Found in TX-UNPS "Annual Monthly Survey"
- Warehouse storage and delivery fees charged for these products (access current fees at link below)
 - <https://squaremeals.org/Programs/FoodDistributionProgramforCNPrograms/TDAContractedWarehouses.aspx>

COMMERCIAL PRODUCT INFORMATION

- Commercial equivalent product descriptions
- Total servings "per case" for commercial equivalent products
- Bid pricing for commercial equivalent products
 - This pricing should include all distribution fees currently assessed for the products
 - Past delivery invoices are the best source for this information
 - Bid quotes are another source for this information
- The estimated number of servings needed for the cost comparison.
 - Users can enter comparisons for singular purchases or input servings needed on an annual basis.

BEST PRACTICES

- Gathering data needed before beginning work in spreadsheet decreases the need to access multiple data points while doing entry work
- Set aside enough time to complete your data entry without interruptions
- Reference usage reports to determine accurate case counts needed for service of each individual item
- Assure pricing used is accurate and up to date
- Calculate any delivery and service fees before beginning data entry
- Compare products that have the same menu uses and component contributions
- Be aware of which columns require data entry
- Review entries for accuracy
- Utilize the "instructions" tabs of the worksheet to cross check data needed

USDA Cost Analysis Worksheet

Regular/Brown Box				Commercial Equivalent						Savings				
WBSM #	Regular/Brown Box Product Description	Out-of-Pocket Cost / Serving	Out-of-Pocket Cost / Case	Product Code	Company Name	Commercial Equivalent Product Description	Commercial Equivalent Servings / Case	Commercial Cost	Commercial Cost / Serving	Out-of-Pocket Savings / Serving	Out-of-Pocket Savings / Case	Needed Servings	Needed Cases	Out-of-Pocket Savings / Needed Servings
110349	*Example* - BEEF 100% PTY 85/15 FRZ 2.0MMA CTN-40 LB	\$0.02	\$4.50	X555012	Sysco	Patty Beef Charbroiled	180	\$42.00	\$0.23	\$0.21	\$37.50	25,000	125.00	\$ 5,270.83
100117	*Example* - CHICKEN FAJITA STRIPS CTN-30 LB	\$0.03	\$4.00	8869441	Labatt	Chicken Fajita FC Dark Strip	150	\$102.08	\$0.68	\$0.65	\$98.08	15,000	100.00	\$ 9,808.00
100206	APPLE SLICES CAN-6/10													
110470	APPLE SLICES FRZ CTN-12/2.5 LB													
100258	APPLE SLICES FRZ CTN-30 LB													
100523	APPLES BRAEBURNN FRESH B CARTON-40 LB													
100517	APPLES EMPIRE FRESH CTN-40 LB													
100360	BEANS GARBANZO CAN-6/10													
100373	BEANS GREAT NORTHERN CAN-6/10													
100307	BEANS GREEN CAN-6/10													
111054	BEANS GREEN FRZ CTN-12/2 LB													
100351	BEANS GREEN FRZ CTN-30 LB													
100369	BEANS PINK CAN-6/10													
100365	BEANS PINTO CAN-6/10													
100382	BEANS PINTO DRY PKG-12/2 LB													
100370	BEANS RED KIDNEY CAN-6/10													
100362	BEANS REFRIED CAN-6/10													
100366	BEANS SMALL RED CAN-6/10													
100364	BEANS VEGETARIAN CAN-6/10													
110349	BEEF 100% PTY 85/15 FRZ 2.0MMA CTN-40 LB													
110346	BEEF 100% PTY 90/10 FRZ 2.0MMA CTN-40 LB													
100134	BEEF CRUMBLES W/SPP PKG-4/10 LB													
100158	BEEF FINE GROUND FRZ CTN-40 LB													
110261	BEEF FINE GROUND LFT OPT FRZ CTN-40 LB													
110085	BEEF IRRADIATED FINE GRND FRZ CTN-40 LB													
110711	BEEF PATTY CKD FRZ 2.0MMA CTN-40 LB													

Enter USDA Foods Out of Pocket Costs

***Note: WBSM refers to this as Direct Delivery**

5

Maximize Entitlement

USDA Cost Analysis Worksheet

Regular/Brown Box				Commercial Equivalent				Savings						
WBCM #	Regular/Brown Box Product Description	Out-of-Pocket Cost / Serving	Out-of-Pocket Cost / Case	Product Code	Company Name	Commercial Equivalent Product Description	Commercial Equivalent Servings / Case	Commercial Cost	Commercial Cost / Serving	Out-of-Pocket Savings / Serving	Out-of-Pocket Savings / Case	Needed Servings	Needed Cases	Out-of-Pocket Savings / Needed Servings
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110346	BEEF 100% PTY 90/10 FRZ 2.0MMA CTN-40 LB													
100134	BEEF CRUMBLES W/SPP PKG-4/10 LB													
100158	BEEF FINE GROUND FRZ CTN-40 LB													
110261	BEEF FINE GROUND LFT OPT FRZ CTN-40 LB													
110085	BEEF IRRADIATED FINE GRND FRZ CTN-40 LB													
110711	BEEF PATTY CKD FRZ 2.0MMA CTN-40 LB													

USDA Foods Out of Pocket Costs

Enter Commercial Costs for Equivalent Commercial Products

5

Maximize Entitlement

USDA Cost Analysis Worksheet

Regular/Brown Box				Commercial Equivalent						Savings				
WBSCM #	Regular/Brown Box Product Description	Out-of-Pocket Cost / Serving	Out-of-Pocket Cost / Case	Product Code	Company Name	Commercial Equivalent Product Description	Commercial Equivalent Servings / Case	Commercial Cost	Commercial Cost / Serving	Out-of-Pocket Savings / Serving	Out-of-Pocket Savings / Case	Needed Servings	Needed Cases	Out-of-Pocket Savings / Needed Servings
110349	*Example* - BEEF 100% PTY 85/15 FRZ 2.0MMA CTN-40 LB	\$0.02	\$4.50	X555012	Sysco	Patty Beef Charbroiled	180	\$42.00	\$0.23	\$0.21	\$37.50	25,000	125.00	\$ 5,270.83
100117	*Example* - CHICKEN FAJITA STRIPS CTN-30 LB	\$0.03	\$4.00	8869441	Labatt	Chicken Fajita FC Dark Strip	150	\$102.08	\$0.68	\$0.65	\$98.08	15,000	100.00	\$ 9,808.00
100206	APPLE SLICES CAN-6/10													
110470	APPLE SLICES FRZ CTN-12/2.5 LB													
100258	APPLE SLICES FRZ CTN-30 LB													
100523	APPLES BRAEBURNN FRESH B CARTON-40 LB													
100517	APPLES EMPIRE FRESH CTN-40 LB													
100360	BEANS GARBANZO CAN-6/10													
100373	BEANS GREAT NORTHERN CAN-6/10													
100307	BEANS GREEN CAN-6/10													
111054	BEANS GREEN FRZ CTN-12/2 LB													
100351	BEANS GREEN FRZ CTN-30 LB													
100369	BEANS PINK CAN-6/10													
100365	BEANS PINTO CAN-6/10													
100382	BEANS PINTO DRY PKG-12/2 LB													
100370	BEANS RED KIDNEY CAN-6/10													
100362	BEANS REFRIED CAN-6/10													
100366	BEANS SMALL RED CAN-6/10													
100364	BEANS VEGETARIAN CAN-6/10													
110349	BEEF 100% PTY 85/15 FRZ 2.0MMA CTN-40 LB													
110346	BEEF 100% PTY 90/10 FRZ 2.0MMA CTN-40 LB													
100134	BEEF CRUMBLES W/SPP PKG-4/10 LB													
100158	BEEF FINE GROUND FRZ CTN-40 LB													
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110085	BEEF IRRADIATED FINE GRND FRZ CTN-40 LB													
110711	BEEF PATTY CKD FRZ 2.0MMA CTN-40 LB													

USDA Foods Out of Pocket Costs

Commercial Equivalent Costs

Out of Pocket Savings

Which is cheaper?

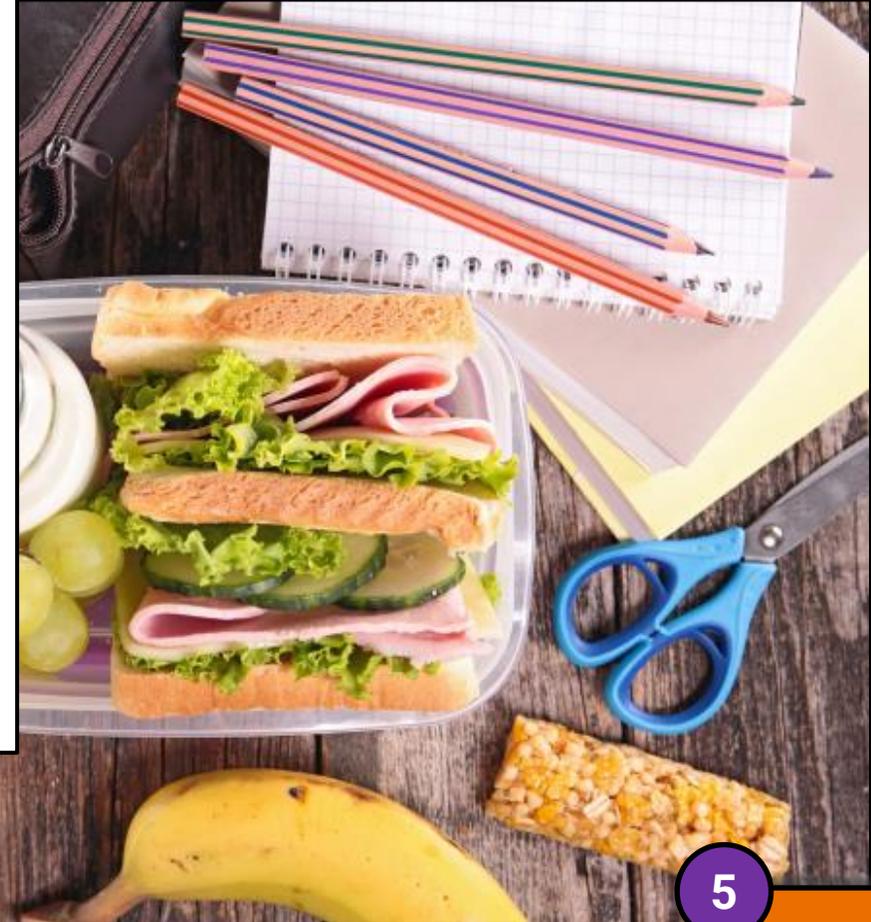
5

Maximize Entitlement

**From Saving Dollars With Your USDA Foods*

Utilize Bonus Opportunities

- RAs may request as many bonus foods as it can use **without waste**
- TDA notifies eligible RAs when bonus foods become available
- Not charged against an RAs food entitlement amount

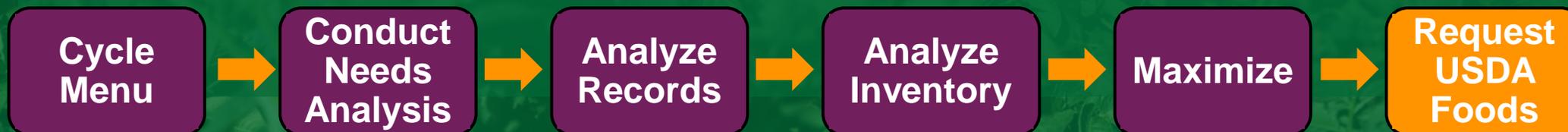


5

Maximize
Entitlement

**What is the most
important
forecasting step?**

Step 6: Request USDA Foods!



Putting It All Together: Prepare for Requisitions



- **Cycle Menu of...**
- **Most Cost Effective...**
- **Foods Students Will Eat...**
- **Frequency They Will Eat It...**
- **Count of Inventory On Hand.**



6

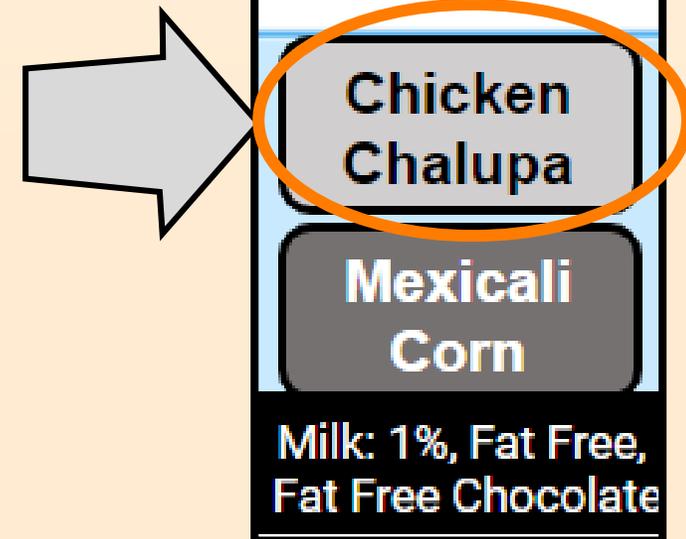
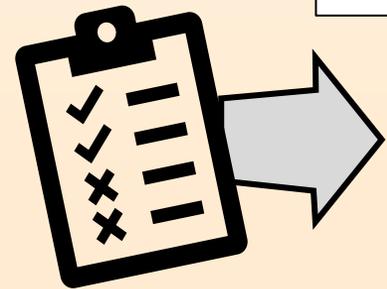
Request
USDA Foods

Putting It All Together: Prep for Requisitions

Calculate Recipe Quantity Needed

1 Chicken, Diced (based on previous production records/sales data)

3 oz per serving x 1,525 planned servings = 4,575 oz ≈ **286 pounds**



6

Request
USDA Foods

Putting It All Together: Prep for Requisitions

Calculate Yearly Quantity Needed

1 Chicken, Diced (based on previous production records/sales data)

3 oz per serving x 1,525 planned servings = 4,575 oz ≈ **286 pounds**

2 Chalupas are offered **8** times a year.

286 pounds x **8** = **2,288** pounds diced chicken

Thursday

Chicken
Chalupa

Mexicali
Corn

Milk: 1%, Fat Free,
Fat Free Chocolate

6

Request
USDA Foods

Putting It All Together: Prep for Requisitions

Calculate Yearly Cases Needed

1 Chicken, Diced (based on previous production records/sales data)

$3 \text{ oz per serving} \times 1,525 \text{ planned servings} = 4,575 \text{ oz} \approx 286 \text{ pounds}$

2 Chalupas are offered **8** times a year.

$286 \text{ pounds} \times 8 = 2,288 \text{ pounds diced chicken}$

3 Each case of Chicken, Diced (#100101) is 40 pounds

$2,288 \text{ pounds} \div 40 \text{ pounds per case} \approx 58 \text{ cases needed per year}$

Thursday

Chicken
Chalupa

Mexicali
Corn

Milk: 1%, Fat Free,
Fat Free Chocolate

6

Request
USDA Foods

Putting It All Together: Prep for Requisitions

Count Quantity On Hand

1 Chicken, Diced (based on previous production records/sales data)

$3 \text{ oz per serving} \times 1,525 \text{ planned servings} = 4,575 \text{ oz} \approx 286 \text{ pounds}$

2 Chalupas are offered 8 times a year.

$286 \text{ pounds} \times 8 = 2,288 \text{ pounds diced chicken}$

3 Each case of Chicken, Diced (#100101) is 40 pounds

$2,288 \text{ pounds} \div 40 \text{ pounds per case} \approx 58 \text{ cases needed per year}$

4 Check for Chicken, Diced (#100101) already in inventory

13 cases in inventory

Thursday

Chicken
Chalupa

Mexicali
Corn

Milk: 1%, Fat Free,
Fat Free Chocolate

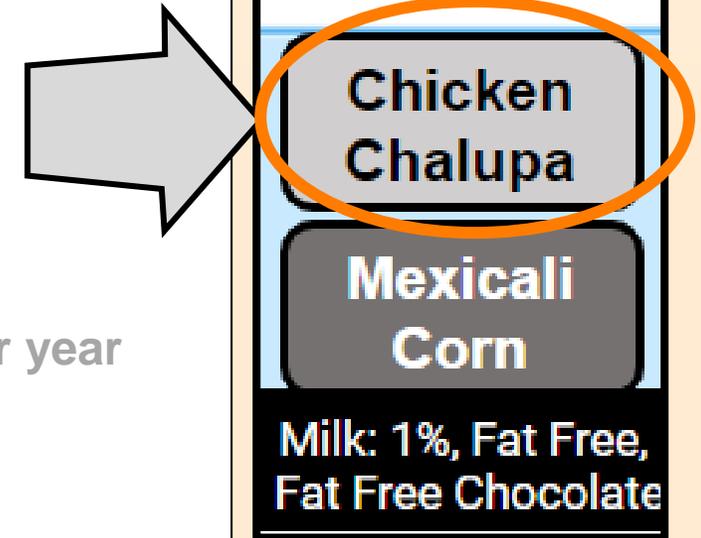
6

Request
USDA Foods

Putting It All Together: Prep for Requisitions

Calculate Cases to Order

- 
- 1 Chicken, Diced (based on previous production records/sales data)
3 oz per serving x 1,525 planned servings = 4,575 oz ≈ 286 pounds
 - 2 Chalupas are offered 8 times a year.
286 pounds x 8 = 2,288 pounds diced chicken
 - 3 Each case of Chicken, Diced (#100101) is 40 pounds
2,288 pounds ÷ 40 pounds per case ≈ 58 cases needed per year
 - 4 Check for Chicken, Diced (#100101) already in inventory
13 cases in inventory
 - 5 Subtract from requisition counts (request only what is needed)
58 cases needed - 13 cases in inventory = **45 cases to request**



6 Request
USDA Foods

Putting It All Together: Prepare for Requisitions

1 Chicken, Diced (based on previous production records/sales data)
 $3 \text{ oz per serving} \times 1,525 \text{ planned servings} = 4,575 \text{ oz} \approx 286 \text{ pounds}$

2 Chalupas are offered **8** times a year.

$286 \text{ pounds} \times 8 = 2,288 \text{ pounds diced chicken}$

3 Each case of Chicken, Diced (#100101) is 40 pounds

$2,288 \text{ pounds} \div 40 \text{ pounds per case} \approx 58 \text{ cases needed per year}$

4 Check for Chicken, Diced (#100101) already in inventory

13 cases in inventory

5 Subtract from requisition counts (request only what is needed)

$58 \text{ cases needed} - 13 \text{ cases in inventory} = 45 \text{ cases to request}$

Thursday

Chicken
Chalupa

Mexicali
Corn

Milk: 1%, Fat Free,
Fat Free Chocolate

6

Request
USDA Foods

Putting It All Together: Enter Order Requisition



USDA United States Department of Agriculture
Web-Based Supply Chain Management

Operations > Order Processing > Order Management > Domestic Order Entry

[My Transactions](#) [Catalog](#) | [Transaction in Process](#)

Product Catalog

Quick Search [Search](#)

[Extended Search](#)

NSLP
 Direct Delivery
 Meat
 Poultry
Entitlement
 Bonus

Product Details

Product Number: 100101
Name: CHICKEN DICED-12/15 OZ
Full Truck Load Quantity: 3200.000 **CS**

Delivery Date	Order By Date	Quantity
10/15/2022	09/30/2022	45
10/31/2022	10/15/2022	

[Move to Cart](#)

Thursday

**Chicken
Chalupa**

**Mexicali
Corn**

**Milk: 1%, Fat Free,
Fat Free Chocolate**

6

Request
USDA Foods

Summary



Forecasting Steps

STEP	WHAT I NEED TO KNOW	HOW I DETERMINE IT	ADJUSTMENTS
1	What food to order?	Create Cycle Menu	
2	What will students eat?	Conduct Needs Analysis	Adjust Food List/Menu
3	How much did they eat?	Analyze Food Production Records	Adjust Menu Frequency
4	How much have I used & how much do I have left?	Analyze Inventory Reports	Adjust Quantities
5	How much does it cost?	Maximize Entitlement	Adjust Menu/Quantities
6	Request USDA FOODS!	WBSCM & FFAVORS	

Summary

- 
- ❑ Consider forecasting as a "game" of strategy
 - ❑ Forecasting is an ongoing process
 - ❑ Investing time up front creates success
 - ❑ Informs future choices and plans

WBSCM Transition Page QR Code:

Scan QR Code to visit the
Food Distribution Program
WBSCM Transition website



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1. **mail:**
U.S. Department of Agriculture
Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, SW
Washington, D.C. 20250-9410; or
2. **fax:**
(833) 256-1665 or (202) 690-7442; or
3. **email:**
program.intake@usda.gov

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Food and Nutrition Division
Food Distribution Program

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