Nutrient Analysis and MRS Updates

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Summer 2025

- Administrative Review Finding
- Nutrient Analysis Software
- Label Library



Inaccurate nutrient analysis and production record documentation were some of our most common findings on administrative reviews this year.



Many districts are menu planning without consideration of historical data.

Menu planner creates menu and conducts nutrient analysis without utilizing production record. Menu is sent to program staff and adjustments are made to fit student selection preferences. Food offered or quantities offered are drastically different than planned menu/nutrient analysis. Explanation of changes is not recorded in production record.

Production record is stored, but never reviewed by menu planner. Nutrient analysis is never adjusted.



Planned menus should be based on **historical data**. This means that the planned, offered, and served menus should be similar. If they are not, the <u>planned menu needs to be adjusted</u> <u>utilizing data from the production record.</u>

4) Adjustments to school menus. Schools must adjust future menu cycles to reflect production and how often food items are offered. Schools may need to change the foods offerings given students' selections and may need to modify recipes and other specifications to make sure that meal requirements are met.



Menu planning should be a continuous process.

Menu planner creates and/or adjust menu and nutrient analysis based on data from the production record.

Production record is finalized and reviewed by program staff and menu planner.

Menu is sent to program staff and adjustments to menu are made if necessary, but are rare.

Adjustments are documented in the production record and an explanation of the adjustments are recorded.



Main point: Menu planning should be continuous. Ensure your planned menu is similar to your offered and served menus.

Drastic differences in planned and served menus could result in a finding.



- Primeroedge
- Nutrikids
- Mosaic



Primeroedge

MRS team is now working in Primeroedge.



We update the database as frequently as possible and that gets pushed to districts automatically.

Currently, we have 661 ingredients and 942 recipes. Please let us know if you find errors!

Recipe Code	Name	Serving Size	Туре	Number of Servings	Source	
4325 Briggs	American Sub Sandwich, WGR, Briggs, MRS #4325	1 sandwich	Dual Entry	50	MS DOE Shared	Discontinue



Nutrikids

Incorrect- "MS####"

Chicken Spaghetti MS542 Steak Fingers, Baked MS180 Seasoned Green Beans MS1044 California Vegetables MS1054 Fruit Cocktail MS1248 Fresh Fruit Cup MS1250 Roll, Whole Wheat Pur1ozMS1356 Sauce, Hot, PC MS1548 Milk, FF, Van, 1/2 pt. MS1704 Milk, FF, Choc, 1/2 pt., MS1602 Milk, FF, Strwbery, 1/2 pt.MS1604 Milk, LF, 1%, White, 1/2 pt, MS1608 Chef Salad, Elementary, MS601 Dressing, FF, Assort, 12g MS1518 Saltine Crackers, WG MS1369



Correct- "M####"

Hamburg Steak wGravy MR M1015 Chicken Patty Sand Baked M4150 Mashed Potatoes M6070 Green Peas, Canned M6035 Roll, Whole Wheat Pur1oz M7135 Chilled Pears Diced M6850 Fresh Fruit Bowl Variety M6715 Milk, FF White1/2 pt. PF M100 Milk, FF Choc 1/2 pint PF M120 **Data Updates:** No longer maintained by MRS Team

- Many reports submitted for administrative review include outdated recipes.
- <u>All current MRS recipes include</u> <u>"M####" at the end.</u> If you see "MS####" or any recipes with "###", those are outdated recipes.
- The recipe file on the MDE website includes all MRS recipes to accommodate for skipped updates.



Nutrikids

NutriKids® Files:

Version 22.2 of NutriKids® or Higher must be used for this update. STEPS:

1. Save the file to your computer

Access the folder where the file is located and **unzip the file.** It should be changed to a .dat file.
Use the transfer utility tool to **import the file** into the nutrient database program.
Do not open or unzip the file.

NEW: The data files of new or updated ingredients are the Fall 2023 update to the Nutrient Database. There is one file for all regions. Importing these **ingredient database files will not delete district recipes or menus.**

Fall 2023 Ingredients All

NEW: The data files below are the Fall 2023 updates to the NK Recipe Database. Many recipes were changed. Each file contains all of the MRS recipes for that region. Also listed are files of recipes for Prairie Farms and Borden milk. Importing these **recipe database files will not delete district recipes or menus.**

Fall 2023 Recipes Regions 1 and 2 Fall 2023 Recipes Regions 3 to 7 Fall 2023 Recipes Borden Fall 2023 Recipes Prairie Farms

Download Database

The following will replace all the data in your nutrient database program.

To use this file, do not Open or unzip the file, use the following steps:

1. Save the file to your computer

Access the folder where the files is located and unzip the file. It should be changed to a .dat file.
Use the Restore tool to replace the current database in the nutrient database program. This will replace all of the data in your nutrient database program and erase any district data.

NEW: NKW Database Fall 2023 The Fall 2023 updated database

Data Updates: MDE website currently has the November 2023 Update.

The update will be removed from the website on August 1st.

Once downloaded, you will need to update your data to include any changes since November 2023.





Mosaic

MRS team is working with a team at Mosaic to provide INGREDIENT updates only.

- Ingredient update will be current as of June 2025.
- You will need to make any recipe adjustment manually.
- MRS team cannot validate that data is transferred correctly. The accuracy of the data is still the responsibility of the menu planner to confirm.







- General information
- Picture examples



- MDE created a Child Nutrition Navigator for us to share files easily.
- You will have to create an account and be granted access.
- Instructions for label library access were sent in the Fall 2024 purchasing notes.
- Email Betsy with questions: bpennington@mdek12.org





Disclaimer: The label library is a tool to help provide you information about the ingredients available on the order guide. It is imperative that you do not solely look at labels provided in the label library when determining accommodations for allergens and special diets. Sometimes replacement products are delivered to schools or manufacturers change their labels prior to us receiving updated labels to utilize in our library. While it is our goal to store current labels, the best practice is to always look at the physical labels on the boxes you are receiving at every delivery. Allergen precautions and any other special diet requests should be made based on the actual products delivered and utilized in your kitchen.



Label Library

OCN Labels All Distributors 🛛 🐘 🗸

\bigcirc	ß	Name 🗸	Modified ~	Modified By $~\sim$	Created ~	Created By $\ \ \backsim$	File Size 🗸	+ Add column
		1. Meat-Meat Alternate and Combination I	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	11 items	
		2. Grains	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	7 items	
		3. Fruits	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	3 items	
		4. Vegetables	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	3 items	
		5.Dairy Products	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	3 items	
		6. Dressings, Sauces, and Condiments	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	2 items	
		7. Staples and Other Ingredients	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	4 items	



Label Library

OCN Labels All Distributors > 1. Meat-Meat Alternate and Combination Items

0	Name ~	Modified ~	Modified By ~	Created ~	Created By $\ \backsim$	File Size \vee	+ Add column
•	1. Beef	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	9 items	
•	2. Fish and Seafood	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	5 items	
-	3. Pizza	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	12 items	
-	4. Hot Dog and Corn Dogs	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	5 items	
-	5. Pork	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	11 items	
-	6. Poultry	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	27 items	
-	7. cheese	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	13 items	
-	8. Egg	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	7 items	
-	9. Yogurt	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	3 items	
-	9.1 Sausage	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	10 items	
	9.2 Other Combination Items	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	6 items	



Label Library

OCN Labels All Distributors > 1. Meat-Meat Alternate and Combination Items > 1. Beef

\bigcirc	ß	Name ~	Modified ~	Modified By $~\sim$	Created ~	Created By \sim	File Size \vee	+ Add column
		1002 Beef, Pattie Broiled.pdf	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	173 KB	
		1004 Beef, Steak Breaded WG (1).pdf	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	727 КВ	
		1005 Beef, Steak Burger, Broiled (2).pdf	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	172 KB	
		1006 Briggs Beef, Philly Steak Sandwich.pdf	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	164 KB	
		1006 Merchants Beef, Philly Steak Sandwic	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	120 KB	
		1007 Beef Sticks, Breaded, WG (1).pdf	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	101 KB	
		1008 Meatballs, Fully Cooked (1).pdf	July 1, 2024	Betsy Pennington	July 1, 2024	Betsy Pennington	848 KB	
		2119 Jerky, Beef Original.pdf	March 5	Betsy Pennington	March 5	Betsy Pennington	748 KB	
		2129 Jerky, Beef- Terriyaki Flavored.pdf	March 5	Betsy Pennington	March 5	Betsy Pennington	1.14 MB	



Unsure if you are forecasting or conducting a nutrient analysis correctly? Come to a breakout session!

Session 1 and 2: From Forecast to Fork Session 3: Nutrient Analysis A to Z



Please write down any questions using the question cards at your table.



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