

Nutrition Facts and Ingredient Database for Processed Foods

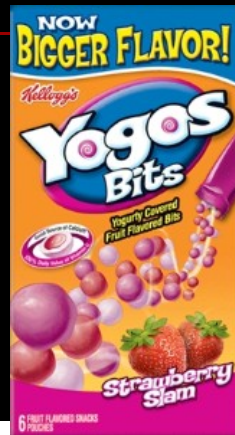
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Coping with Processed Foods





 **pepsi natural**
all natural cola

Nutrition Facts Serv. size: 1 Bottle, Amount Per Serving:
Calories 150, Total Fat 0g (0% DV), Sodium 35mg (1% DV), Total Carb. 39g (13% DV), Sugars 38g, Protein 0g.
Not a significant source of other nutrients. Percent Daily Values (DV) are based on a 2,000 calorie diet.

SPARKLING WATER, SUGAR, NATURAL APPLE EXTRACT (COLOR), CARAMEL COLOR, CITRIC ACID, CAFFEINE, ACACIA GUM, TARTARIC ACID, LACTIC ACID, NATURAL FLAVOR, KOLA NUT EXTRACT.

CAFFEINE CONTENT: 38mg /12 fl oz.

WWW.PEPSI.COM

Product questions? 1-800-433-2652

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ME-VT-CT-MA-NY DE 5¢ CA CRV
OR-IA-HI 5¢ MI 10¢

373A-217-0000-K0







GLADSON
INTERACTIVE



Gladson
Interactive Services

- Over 600,000 SKUs
- 2,000 new products processed weekly
- Ingredient and nutrition facts panel information in Access database
- Product package images also available

Objectives

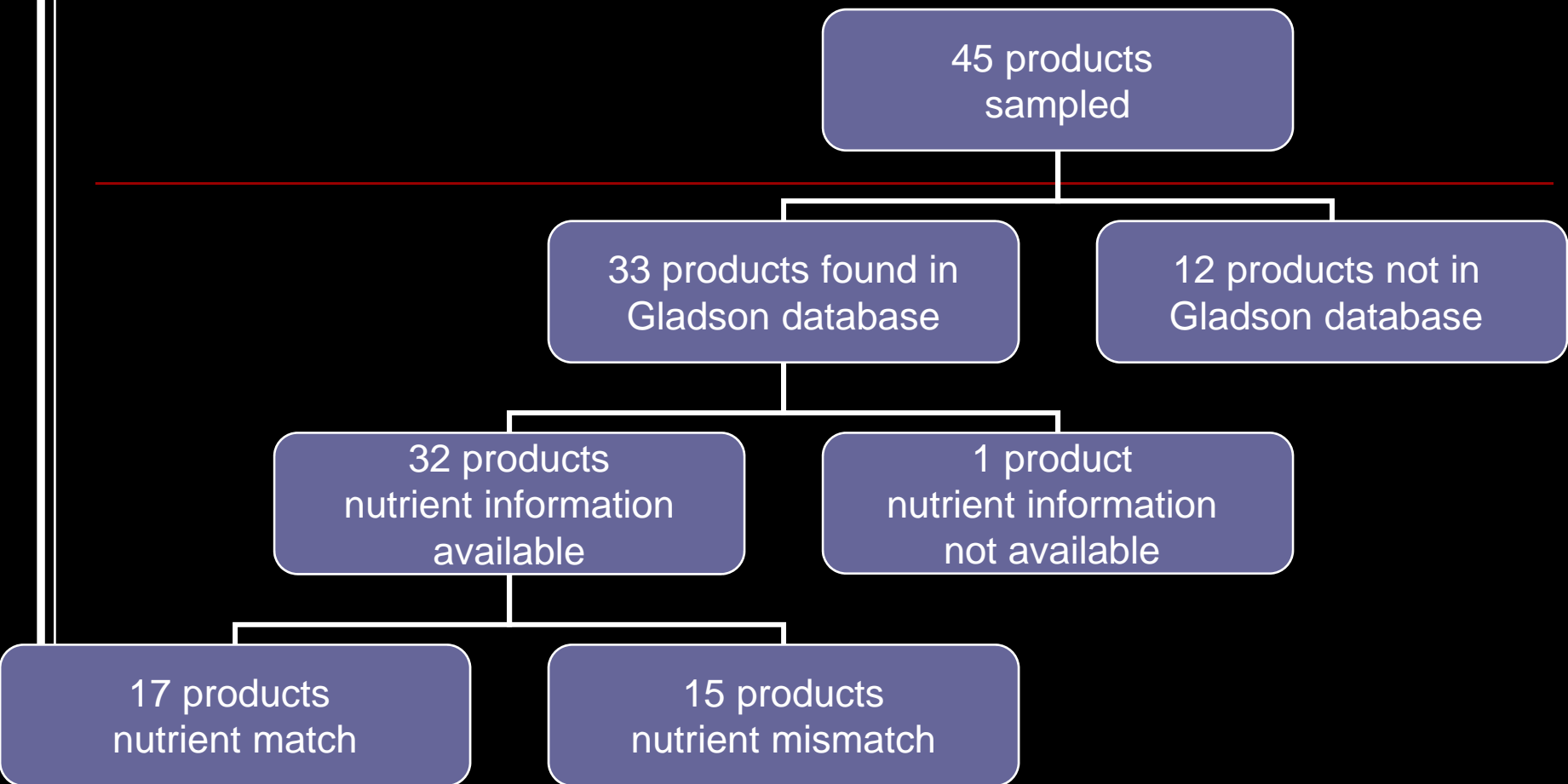
- Determine the extent to which candies in the marketplace are included in the Gladson file
- Evaluate the extent to which key information (gram weight, nutrition information) is available in the file
- Examine the market reflectiveness of nutrient composition information in the file

A few details about Gladson Candy File

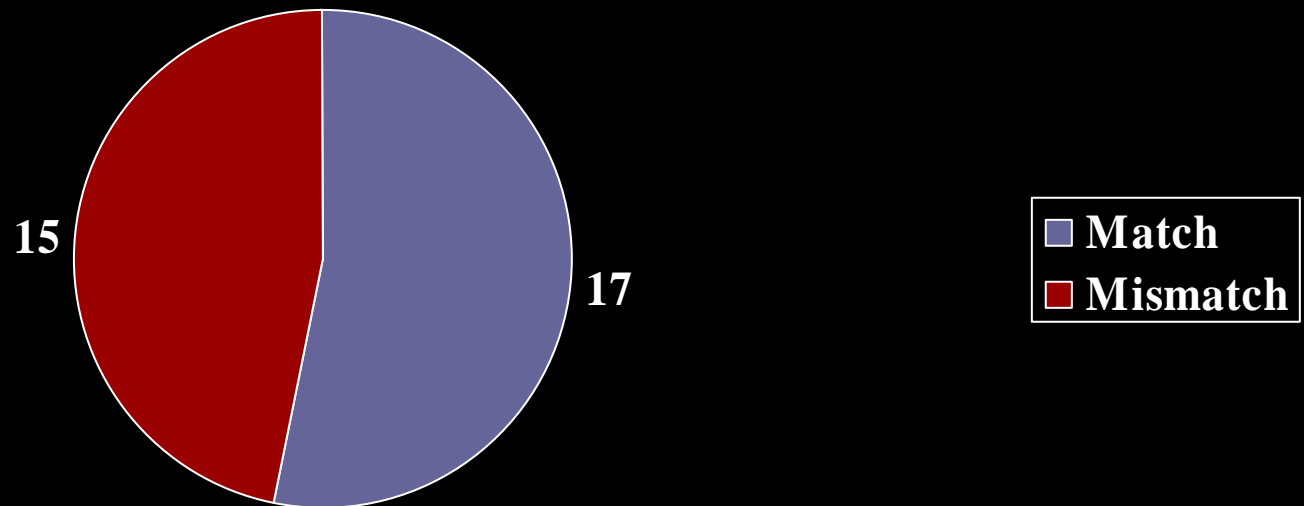
- Contains 7583 product SKUs
- Some of the products are not unique (e.g. various sizes of bags of a specific candy are included)
- Info available includes:
 - Manufacturer, brand, and item description
 - Serving size (household unit and gram weight)
 - Nutrition facts panel information
 - Ingredient statement
 - UPC code
 - Digital image of product
 - Product package dimensions

Methods

- 1.) A sample of candies available at a Walmart Supercenter in the Minneapolis St Paul MN metropolitan area selected through a systematic selection process (every sixth product on shelving) yielding a sample of 45 products
- 2.) Gladson database was searched to find matching products
- 3.) Gladson nutrition facts panel information was compared to manufacturer information to evaluate accuracy



Number of candy products with perfect nutrient composition match (n=17) versus mismatch of one or more nutrients (n=15)



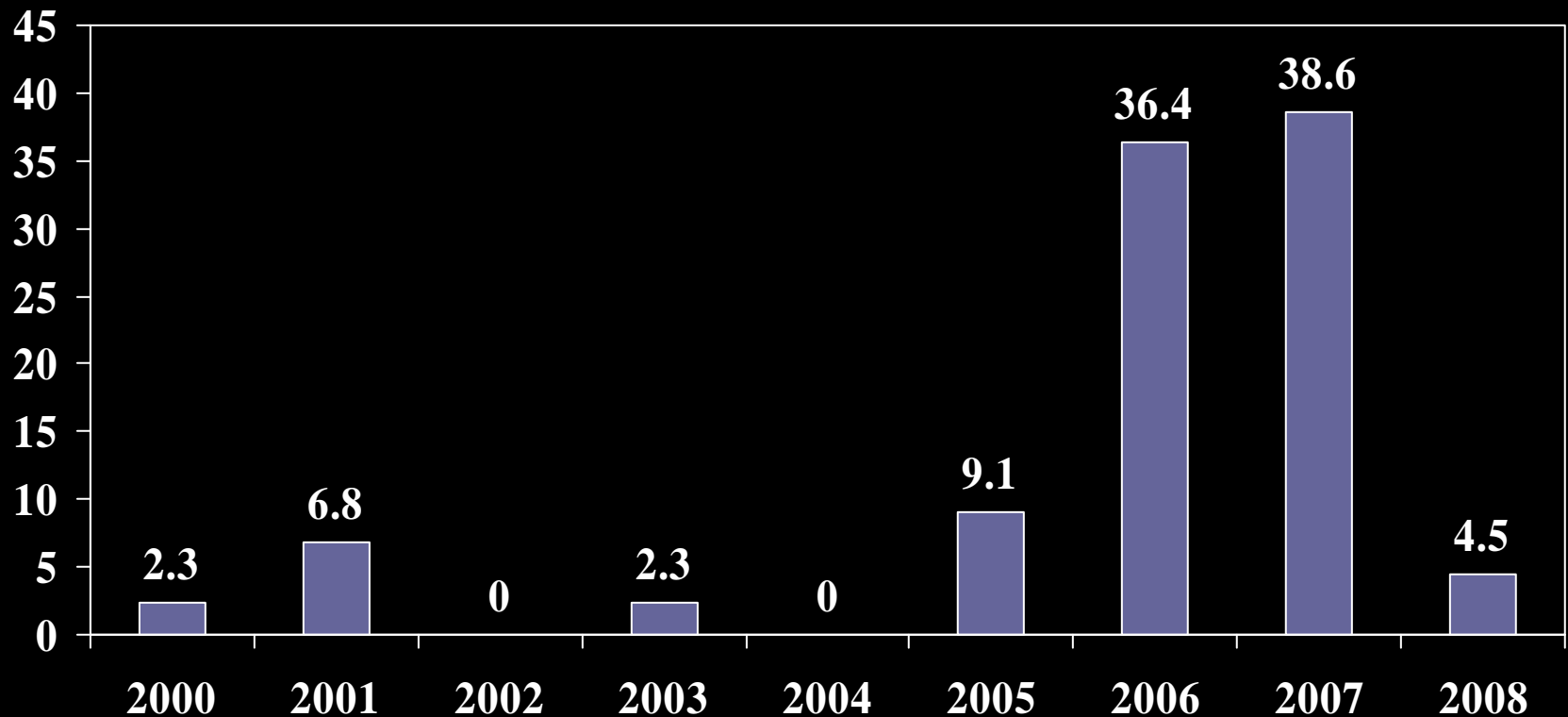
Discrepancies between nutrient information from product manufacturer versus Gladson file (n=32 products)

Nutrient	Products with discrepancy % (n)	Absolute difference mean	Range
Energy (kcal)	31.2 (10)	17.0	10-30
Total fat (g)	28.1 (9)	1.4	1-4
Saturated fat (g)	31.3 (10)	1.3	0.5-2
Total carbohydrate	37.5 (12)	2.1	1-5
Sodium (mg)	34.4 (11)	13.2	4-40

Why the discrepancies?

- Errors in data entry/ scanning
- Gladson file contains out of date data

Percent of candy products in Gladson database by year added/ last updated



Mounds Bar (1.75 oz)



	Manufacturer	Gladson ^{a,b}
Energy (kcal)	230	222
Sodium (mg)	55	65

^aNutrients were given for 1.9 oz bar, thus conversion to 1.75 oz was conducted

^bLast update in Gladson Database for Mounds Bar was 2001

Mounds Bar (1.75 oz)



	Manufact- urer	Gladson ^{a,b}	Lunds & Byerlys website ^a
Energy (kcal)	230	222	222
Sodium (mg)	55	65	65

^aNutrients were given for 1.9 oz bar, thus conversion to 1.75 oz was conducted

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Discussion and Conclusion

- ❑ Gladson Database may be useful to database developers, however, visits to supermarkets and manufacturer websites will still be needed for some products
- ❑ Evaluations of other product categories are needed to fully evaluate this commercial database