

NutritionQuest

(formerly Block Dietary Data Systems)

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FILE DESCRIPTION: "RAW" QUESTIONNAIRE and NUTRIENT ANALYSIS DATA

Data Dictionary: BDDS Kids Food Screener--Last Week (Version 2)

with GI, GL, Carb, Fiber, Kcals, FNDDS nutrients, and GRAMS of food

Age range 2-3 to 17 years

Online FFQ #282 - BDDS_Kids_Last Week_Scrnr_v2_age2-17_GRAMS

Analyzed in Online Group #426 - BDDS_Kid_LstWk_Scrnr_age2-17_GRAMS_wAna

Notes regarding file format/description:

- (1) This is an ASCII or "text" file with delimiters; responses are separated by a semicolon.
- (2) Each respondent's responses (both "raw" scanned data and nutrient analysis results) are stored in one line of data.
- (3) A 10-character ID number identifies each respondent's data; no other identifiers appear on the data file.
- (4) The list of variable names and descriptions reflects the order of appearance in the data file.
- (5) A description of coded values and their meaning follows the variable list.

SCANNED RAW DATA: Identifier and demographics

1	RESPONDENTID	Respondent ID (scanned RAW data)
2	SEX	Sex 1=M, 2=F, M=missing, E=Multiple mark
3	AGE	Age, years

SCANNED RAW DATA: Food question responses

4	COLDCEALFREQ	Cold cereal, Frequency last week
5	COLDCEALQUAN	Cold cereal, quantity each time
6	COOKCERFREQ	Cooked cereal, Frequency last week
7	COOKCERQUAN	Cooked cereal, quantity each time
8	EGGFREQ	Eggs, breakfast sandwiches, Frequency last week
9	EGGQUAN	Eggs, breakfast sandwiches, quantity each time
10	GRANBARFREQ	Granola bars, Protein bars, Frequency last week
11	GRANBARQUAN	Granola bars, Protein bars, quantity each time
12	MILKFREQ	Glasses of milk, Frequency last week
13	MILKQUAN	Glasses of milk, quantity each time
14	FRUITJCFREQ	Real fruit juice, Frequency last week
15	FRUITJCQUAN	Real fruit juice, quantity each time
16	SODAFREQ	Sodas, soft drinks, Frequency last week
17	SODAQUAN	Sodas, soft drinks, quantity each time
18	APPLEFREQ	Apples, bananas or oranges, Frequency last week
19	APPLEQUAN	Apples, bananas or oranges, quantity each time
20	APPLSCFREQ	Applesauce, fruit cocktail, Frequency last week
21	APPLSCQUAN	Applesauce, fruit cocktail, quantity each time
22	OTHFRUTFREQ	Any other fruit, Frequency last week
23	OTHFRUTQUAN	Any other fruit, quantity each time
24	FRENCHFREQ	French fries, tater tots, Frequency last week
25	FRENCHQUAN	French fries, tater tots, quantity each time
26	OTHPOTFREQ	Other potatoes, Frequency last week
27	OTHPOTQUAN	Other potatoes, quantity each time
28	KETCHUPFREQ	Ketchup or salsa, , Frequency last week
29	KETCHUPQUAN	Ketchup or salsa, quantity each time
30	LETTUCEFREQ	Lettuce salad, Frequency last week
31	LETTUCEQUAN	Lettuce salad, quantity each time

32	TOMATOFREQ	Tomatoes, Frequency last week
33	TOMATOQUAN	Tomatoes, quantity each time
34	GRNBEANFREQ	Green beans, peas, Frequency last week
35	GRNBEANQUAN	Green beans, peas, quantity each time
36	OTHVEGFREQ	Other vegetables, Frequency last week
37	OTHVEGQUAN	Other vegetables, quantity each time
38	VEGSOUFREQ	Vegetable soup, Frequency last week
39	VEGSOUQUAN	Vegetable soup, quantity each time
40	PINTOFREQ	Pinto beans etc, Frequency last week
41	PINTOQUAN	Pinto beans etc, quantity each time
42	REFRIEDFREQ	Refried beans, Frequency last week
43	REFRIEDQUAN	Refried beans, quantity each time
44	HAMBGRFREQ	Hamburgers, Frequency last week
45	HAMBGRQUAN	Hamburgers, quantity each time
46	HOTDOGFREQ	Hot dogs, Frequency last week
47	HOTDOGQUAN	Hot dogs, quantity each time
48	LUNCHMTFREQ	Lunch meats, Frequency last week
49	LUNCHMTQUAN	Lunch meats, quantity each time
50	PIZZAFREQ	Pizza, Frequency last week
51	PIZZAQUAN	Pizza, quantity each time
52	SPAGFREQ	Spaghetti, lasagna, Frequency last week
53	SPAGQUAN	Spaghetti, lasagna, quantity each time
54	MACFREQ	Macaroni & cheese, Frequency last week
55	MACQUAN	Macaroni & cheese, quantity each time
56	CHICKFREQ	Chicken, Frequency last week
57	CHICKQUAN	Chicken, quantity each time
58	FISHFREQ	Fish, Frequency last week
59	FISHQUAN	Fish, quantity each time
60	BURRITOFREQ	Burritos, tacos, Frequency last week
61	BURRITOQUAN	Burritos, tacos, quantity each time
62	RSTBFFREQ	Beef like roast, Frequency last week
63	RSTBFQUAN	Beef like roast, quantity each time
64	OTHMEATFREQ	Other meat in a meal, Frequency last week
65	OTHMEATQUAN	Other meat in a meal, quantity each time
66	PORKFREQ	Pork, Frequency last week
67	PORKQUAN	Pork, quantity each time
68	POPCORNFREQ	Popcorn, Frequency last week
69	POPCORNQUAN	Popcorn, quantity each time
70	SNKCHPFREQ	Snack chips, Frequency last week
71	SNKCHPQUAN	Snack chips, quantity each time
72	ICECRMFREQ	Ice cream, Frequency last week
73	ICECRMQUAN	Ice cream, quantity each time
74	CANDYFREQ	Candy, Frequency last week
75	CANDYQUAN	Candy, quantity each time
76	COOKIEFREQ	Cookies, cakes, Frequency last week
77	COOKIEQUAN	Cookies, cakes, quantity each time
78	CHEESEFREQ	Cheese, Frequency last week
79	CHEESEQUAN	Cheese, quantity each time
80	WHEATBRDFREQ	Whole wheat bread, Frequency last week
81	WHEATBRDQUAN	Whole wheat bread, quantity each time
82	COLDCEREALTYPE	Cold cereal type
83	MILKTYPE	Milk type

ANALYSIS RESULTS: Nutrient and food group estimates -- Average daily intake

84	FRUIT_CE	Fruit / fruit juice (cup equiv.)
85	VEGNOPOT_CE	Vegetables excluding potatoes and legumes (cup equiv.)
86	POTATO_CE	Potatoes, including French Fries (cup equiv.)
87	WHLGRAIN_OZE	Whole grains (ounce equiv.)
88	SATFAT_G	Saturated fat (grams)
89	MEATPOULFISH_OZE	Meat, poultry, fish (ounce equiv.)
90	DAIRY_CE	Dairy (cup equiv.)
91	LEGUMES_CE	Legumes (cup equiv.)
92	SUGARADDED_TSP	Sugar/syrup added to foods/beverages during processing/preparation (tsp)
93	GI	Average daily Glycemic Index (glucose scale)
94	GL	Average daily Glycemic load (glucose scale)

SECONDARY ANALYSIS RESULTS: Screeners may underestimate*

95	DT_KCAL	Average daily kcalories
96	DT_PROT	Total protein (grams)
97	DT_TFAT	Total fat (grams)
98	DT_CARB	Total carbohydrate (grams)
99	DT_FIBE	Total Fiber (grams)
100	DT_SUG_T	Total sugars naturally occurring in foods, juices (grams)
101	GROUP_SUGARYBEVG_TOTAL_KCAL	Estimated average daily kilocalories from sugary beverages
102	GROUP_SUGARYBEVG_TOTAL_FREQUENCY	Estimated average daily frequency of consumption of sugary beverages
103	GROUP_SOLID_TOTAL_GRAMS	Average daily reported consumption of solid foods (grams)

DATA QUALITY VARIABLES

104	FOODSPERDAY	Approximate number of solid foods consumed (See description on page 3)
105	GROUP_SOLID_COUNT	Number of solid food items reported as consumed
106	GROUP_SOLID_TOTAL_FREQUENCY	Average daily frequency of consumption of solid foods

TERTIARY ANALYSIS RESULTS: Screeners may underestimate*

107	DRXIMFAT	Total monounsaturated fatty acids (gm)
108	DRXIPFAT	Total polyunsaturated fatty acids (gm)
109	DRXICHOL	Cholesterol (gm)
110	DRXIATOC	Vitamin E as alpha-tocopherol (mg)
111	DRXIRET	Retinol (mcg)
112	DRXIVARA	Vitamin A, RAE (mcg) RAE = retinol activity equivalents
113	DRXIACAR	Alpha-carotene (mcg)
114	DRXIBCAR	Beta-carotene (mcg)
115	DRXICRYP	Beta-cryptoxanthin (mcg)
116	DRXILYCO	Lycopene (mcg)
117	DRXILZ	Lutein + zeaxanthin (mcg)
118	DRXIVB1	Thiamin (Vitamin B1) (mg)
119	DRXIVB2	Riboflavin (Vitamin B2) (mg)
120	DRXINIAAC	Niacin (mg)
121	DRXIVB6	Vitamin B6 (mg)
122	DRXIFOLA	Total folate (mcg)
123	DRXIFA	Folic acid (mcg)
124	DRXIFF	Food folate (mcg)
125	DRXIFDFE	Folate, DFE (mcg DFE) DFE = dietary folate equivalents
126	DRXIVB12	Vitamin B12 (mcg)
127	DRXIVC	Vitamin C (mg)
128	DRXIVK	Vitamin K (mcg)

129	DRXICALC	Calcium (mg)
130	DRXIPHOS	Phosphorus (mg)
131	DRXIMAGN	Magnesium (mg)
132	DRXIIRON	Iron (mg)
133	DRXIZINC	Zinc (mg)
134	DRXICOPP	Copper (mg)
135	DRDISODI	Sodium (mg)
136	DRXIPOTA	Potassium (mg)
137	DRXISELE	Selenium (mcg)
138	DRXICAFF	Caffeine (mg)
139	DRXITHEO	Theobromine (mg)
140	DRXIALCO	Alcohol (gm)
141	DRXIMOIS	Moisture (gm)
142	DRXIS040	SFA 4:0 (Butanoic) (gm)
143	DRXIS060	SFA 6:0 (Hexanoic) (gm)
144	DRXIS080	SFA 8:0 (Octanoic) (gm)
145	DRXIS100	SFA 10:0 (Decanoic) (gm)
146	DRXIS120	SFA 12:0 (Dodecanoic) (gm)
147	DRXIS140	SFA 14:0 (Tetradecanoic) (gm)
148	DRXIS160	SFA 16:0 (Hexadecanoic) (gm)
149	DRXIS180	SFA 18:0 (Octadecanoic) (gm)
150	DRXIM161	MFA 16:1 (Hexadecenoic) (gm)
151	DRXIM181	MFA 18:1 (Octadecenoic) (gm)
152	DRXIM201	MFA 20:1 (Eicosenoic) (gm)
153	DRXIM221	MFA 22:1 (Docosenoic) (gm)
154	DRXIP182	PFA 18:2 (Octadecadienoic) (gm)
155	DRXIP183	PFA 18:3 (Octadecatrienoic) (gm)
156	DRXIP184	PFA 18:4 (Octadecatetraenoic) (gm)
157	DRXIP204	PFA 20:4 (Eicosatetraenoic) (gm)
158	DRXIP205	PFA 20:5 (Eicosapentaenoic) (gm)
159	DRXIP225	PFA 22:5 (Docosapentaenoic) (gm)
160	DRXIP226	PFA 22:6 (Docosahexaenoic) (gm)

Average Daily Grams of Food

161	GROUP_FD_CEREALNOTWGSWEET_TOTAL_GRA	Frosted Flakes, Froot Loops, total grams
162	GROUP_FD_COOKEDCEREAL_TOTAL_GRAMS	Cooked cereal, total grams
163	GROUP_FD_EGGSANDWICH_TOTAL_GRAMS	Eggs, breakfast sandwich, total grams
164	GROUP_FD_BREAKFASTPROTEINBARS_TOTAL_	Breakfast bars, total grams
165	GROUP_FD_MILK2PCT_TOTAL_GRAMS	Glass of milk, total grams
166	GROUP_FD_FRUITJUICE_TOTAL_GRAMS	Fruit juice, total grams
167	GROUP_FD_SOFTDRINKS_TOTAL_GRAMS	Coke, Sunny Delight, total grams
168	GROUP_FD_APPLEBANANAORANGE_TOTAL_GR	Apples, bananas, oranges, total grams
169	GROUP_FD_APPLESAUCECANNEDFRUIT_TOTAL	Applesauce, total grams
170	GROUP_FD_ANYOTHERFRUIT_TOTAL_GRAMS	Any other fruit, total grams
171	GROUP_FD_FRIEDPOTATOES_TOTAL_GRAMS	French fries, total grams
172	GROUP_FD_OTHERPOTATOES_TOTAL_GRAMS	Other potatoes, total grams
173	GROUP_FD_KETCHUPSALSA_TOTAL_GRAMS	Ketchup, salsa, total grams
174	GROUP_FD_LETTUCESALAD_TOTAL_GRAMS	Lettuce salad, total grams
175	GROUP_FD_TOMATOES_TOTAL_GRAMS	Tomatoes, total grams
176	GROUP_FD_GREENBEANSPEAS_TOTAL_GRAMS	Green beans, peas, total grams
177	GROUP_FD_OTHERVEGETABLES_TOTAL_GRAM	Other vegetables, total grams
178	GROUP_FD_VEGETABLESOUPSTEW_TOTAL_GR	Vegetable soup, total grams
179	GROUP_FD_CHILIBEANS_TOTAL_GRAMS	Chili beans, pinto beans, total grams
180	GROUP_FD_REFRIEDBEANS_TOTAL_GRAMS	Refried beans, total grams

181	GROUP_FD_HAMBURGERCHEESEBURGER_TOT	Hamburgers, cheeseburgers, total grams
182	GROUP_FD_HOTDOGSSAUSAGE_TOTAL_GRAMS	Hot dogs, corn dogs, total grams
183	GROUP_FD_LUNCHMEAT_TOTAL_GRAMS	Lunch meat, total grams
184	GROUP_FD_PIZZA_TOTAL_GRAMS	Pizza, pizza pockets, total grams
185	GROUP_FD_SPAGHETTITOMATOSAUCE_TOTAL	Spaghetti, ravioli with tomato sauce, total grams
186	GROUP_FD_MACNCHEESE_TOTAL_GRAMS	Macaroni and cheese, total grams
187	GROUP_FD_CHICKENNDISHES_TOTAL_GRAMS	Chicken, including nuggets, total grams
188	GROUP_FD_FISHNDISHES_TOTAL_GRAMS	Fish, fish sandwiches, total grams
189	GROUP_FD_BURRITOSTACOS_TOTAL_GRAMS	Burritos, tacos, total grams
190	GROUP_FD_BEEFROASTSTEAK_TOTAL_GRAMS	Beef like roast, steak, total grams
191	GROUP_FD_MEATBALLSBEEFDISHES_TOTAL_GF	Meat balls, meat loaf, total grams
192	GROUP_FD_PORK_TOTAL_GRAMS	Pork like chops, roast, total grams
193	GROUP_FD_POPCORN_TOTAL_GRAMS	Popcorn, total grams
194	GROUP_FD_CHIPSCORNPOTATO_TOTAL_GRAM	Snack chips like potato chips, total grams
195	GROUP_FD_ICECREAM_TOTAL_GRAMS	Ice cream, total grams
196	GROUP_FD_CANDYNBARS_TOTAL_GRAMS	Candy, candy bars, total grams
197	GROUP_FD_COOKIEDONUTCAKE_TOTAL_GRAM	Cookies, donuts, total grams
198	GROUP_FD_CHEESENDISHES_TOTAL_GRAMS	Cheese, Cheese in sandwiches, total grams
199	GROUP_FD_WHOLEWHEATBREAD_TOTAL_GRAM	Whole wheat bread, rolls, total grams
200	GROUP_FD_CEREALWGNOTSWEET_TOTAL_GRA	Plain Cheerios, Grape Nuts, total grams
201	GROUP_FD_CEREALWGSWEET_TOTAL_GRAMS	Honey Nut Cheerios, Cap'n Crunch, total grams
202	GROUP_FD_CEREALNOTWGNOTSWEET_TOTAL	Corn Flakes, Rice Krispies, total grams
203	GROUP_FD_MILK4PCT_TOTAL_GRAMS	Whole Milk, total grams
204	GROUP_FD_MILK1PCT_TOTAL_GRAMS	1% milk, total grams
205	GROUP_FD_MILKCHOCOLATE_TOTAL_GRAMS	Choclate milk, total grams
206	GROUP_FD_MILKLACTOSEREDUCED_TOTAL_GR	Lactaid milk, total grams
207	GROUP_FD_MILKNONFAT_TOTAL_GRAMS	Nonfat milk, total grams
208	GROUP_FD_MILKSOY_TOTAL_GRAMS	Soy milk, total grams

If respondent eats cereal 90 additional grams of milk added automatically.

General Coding Information - RAW data

MISSING and ERROR Codes.

"M" = Missing

"E" = Error (marked 2 bubbles)

Foods with M or E in the frequency ("How often") part the food question contribute no nutrients. (M or E in the portion size part is benign, as a default is assumed.) Items marked in ink, or marked too lightly with a pencil, are seen by the scanner as missing, as are skipped

RESPONDENT ID

Identification Number: 1-10 digits

SEX

1 = Male; 2 = Female

AGE

2-digit age

FOOD LIST

Food Questions generate two variables:

First variable: frequency last week

Refer to questionnaire for exact content of prompt.

Coded:

- 1 = Never last week
- 2 = 1 day last week
- 3 = 2 days last week
- 4 = 3-4 days last week
- 5 = 5-6 days last week
- 6 = every day last week

Second variable: amount eaten in one day

Refer to portion size prompts on questionnaire.

Coded 1, 2, 3 from left to right

TYPE-OF-FOOD QUESTIONS

Type of cold cereal

- 1 = Whole grain cereals, not heavily sweetened
- 2 = Whole grain cereals, sweetened
- 3 = Cereals, not whole grain, sweetened
- 4 = Cereals, not whole grain, not sweetened
- M = Missing

Note re Milk on Cereal

Milk is added automatically if cold or hot cereal is eaten

Type of milk

- 1 = Whole milk
- 2 = Reduced fat 2%
- 3 = Low fat 1%
- 4 = Non-fat
- 5 = Chocolate milk
- 6 = Soy milk
- 7 = Lactaid milk
- 8 = Don't know
- M = Missing

DATA QUALITY

FOODSPERDAY:

This is an approximation of the number of solid foods reported as eaten per day. (Beverages are not counted in computing this variable.) For example, a respondent who said "Every day" for 10 foods would have a score of approximately 10. However, if they reported a "Large" portion of each of those 10 foods, their score could be as high as 20. Very large scores indicate the respondent was careless or playful. Examine the distribution of values for this variable; consider omitting respondents with very high scores.

* Note on "Secondary" and "Tertiary" analysis variables *

Variables 95-103 and 107-160 were added to the analysis database AFTER the Screener food list was developed, at the request of several research groups. As the screener was not designed or intended to measure these variables, the generated estimates should be interpreted with caution. There are no data to support the validity of these estimates.