

# IDATA - 4 Day Food Record Admin Data Dictionary

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## Document Summary

Property	Value
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IDATA - 4 Day Food Record Admin: Data Dictionary  
07/01/2022  
Dataset: 4dfr\_admin

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# IDATA - 4 Day Food Record Admin: Data Dictionary

## Section 1: Identifiers

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Variable	Label	Description	Format Text
<b>build</b>	Build Date	Build Date	SAS Date
<b>iid</b>	IDATA ID	IDATA ID	Char

## Section 2: Form Data

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Variable	Label	Description	Format Text
<b>fdfr_batch_n</b>	Batch Number	Batch Number	Char
<b>fdfr_intake_date_d1-4</b>	Date of Food Intake	Date of Food Intake	SAS Date .D="Missing Day"
<b>fdfr_num_days</b>	Number of Days In Admin	Number of Days in Admin	Numeric
<b>fdfr_num_of_foods_d1-4</b>	Number of Foods Reported	Number of Foods Reported	Numeric .D="Missing Day"
<b>fdfr_record_num</b>	Admin Number	Admin Number  Participants were expected in months 3 and 9 for Study Groups 1 and 3. Participants were expected in months 4 and 10 for Study Groups 2 and 4.	Numeric
<b>fdfr_usual_intake_d1-4</b>	Usual Intake	Usual Intake	.D="Missing Day" 1="More Than Usual" 2="Usual" 3="Less Than Usual"
<b>fdfr_valid_admin</b>	Valid Admin	Has 4 Days of Data	Numeric 0="No" 1="Yes"
<b>fdfr_old_record_num</b>	Delivered Admin Number	Delivered Record Number, replaced by fdfr_record_num	Numeric .V="Not in Form Version"

## Section 3: Nutrient Data

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Variable	Label	Description	Format Text
<b>fdfr_alcohol_d1-4</b>	Alcohol (g)	Alcohol (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_caffeine_d1-4</b>	Caffeine (mg)	Caffeine (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_calcium_d1-4</b>	Calcium (mg)	Calcium (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_carbohydrate_d1-4</b>	Carbohydrate (g)	Carbohydrate (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_carotene_alpha_d1-4</b>	Carotene, Alpha (mcg)	Carotene, Alpha (mcg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_carotene_beta_d1-4</b>	Carotene, Beta (mcg)	Carotene, Beta (mcg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_cholesterol_d1-4</b>	Cholesterol (mg)	Cholesterol (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_choline_d1-4</b>	Choline, Total	Choline, Total	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_copper_d1-4</b>	Copper (mg)	Copper (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_cryptoxanthin_d1-4</b>	Cryptoxanthin, Beta (mcg)	Cryptoxanthin, Beta (mcg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_dietary_fiber_d1-4</b>	Fiber, Total Dietary (g)	Fiber, Total Dietary (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_energy_d1-4</b>	Energy (kcal)	Energy (kcal)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_folate_d1-4</b>	Folate, Total (mcg)	Folate, Total (mcg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_folatedfe_d1-4</b>	Folate, DFE (mcg_DFE)	Folate, DFE (mcg_DFE)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_folatefood_d1-4</b>	Folate, Food (mcg)	Folate, Food (mcg)	Numeric .D="Missing Day" .N="Not Applicable"

Variable	Label	Description	Format Text
<b>fdfr_folicacid_d1-4</b>	Folic Acid (mcg)	Folic Acid (mcg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_iron_d1-4</b>	Iron (mg)	Iron (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_luteinzeaxanthin_d1-4</b>	Lutein + Zeaxanthin (mcg)	Lutein + Zeaxanthin (mcg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_lycopene_d1-4</b>	Lycopene (mcg)	Lycopene (mcg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_magnesium_d1-4</b>	Magnesium (mg)	Magnesium (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_monounsafat_d1-4</b>	Fatty Acids, Total Monounsaturated (g)	Fatty Acids, Total Monounsaturated (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n10_0_d1-4</b>	10:0 (g)	10:0 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n12_0_d1-4</b>	12:0 (g)	12:0 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n14_0_d1-4</b>	14:0 (g)	14:0 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n16_0_d1-4</b>	16:0 (g)	16:0 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n16_1_d1-4</b>	16:1 (g)	16:1 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n18_0_d1-4</b>	18:0 (g)	18:0 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n18_1_d1-4</b>	18:1 (g)	18:1 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n18_2_d1-4</b>	18:2 (g)	18:2 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n18_3_d1-4</b>	18:3 (g)	18:3 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n18_4_d1-4</b>	18:4 (g)	18:4 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n20_1_d1-4</b>	20:1 (g)	20:1 (g)	Numeric .D="Missing Day" .N="Not Applicable"

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Variable	Label	Description	Format Text
<b>fdfr_n20_4_d1-4</b>	20:4 (g)	20:4 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n20_5_d1-4</b>	20:5 N-3 (g)	20:5 N-3 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n22_1_d1-4</b>	22:1 (g)	22:1 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n22_5_d1-4</b>	22:5 N-3 (g)	22:5 N-3 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n22_6_d1-4</b>	22:6 N-3 (g)	22:6 N-3 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n4_0_d1-4</b>	4:0 (g)	4:0 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n6_0_d1-4</b>	6:0 (g)	6:0 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_n8_0_d1-4</b>	8:0 (g)	8:0 (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_niacin_d1-4</b>	Niacin (mg)	Niacin (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_phosphorus_d1-4</b>	Phosphorus (mg)	Phosphorus (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_polyunsatfat_d1-4</b>	Fatty Acids, Total Polyunsaturated (g)	Fatty Acids, Total Polyunsaturated (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_potassium_d1-4</b>	Potassium (mg)	Potassium (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_protein_d1-4</b>	Protein (g)	Protein (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_retinol_d1-4</b>	Retinol (mcg)	Retinol (mcg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_riboflavin_d1-4</b>	Riboflavin (mg)	Riboflavin (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_saturatedfat_d1-4</b>	Fatty Acids, Total Saturated (g)	Fatty Acids, Total Saturated (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_selenium_d1-4</b>	Selenium (mcg)	Selenium (mcg)	Numeric .D="Missing Day" .N="Not Applicable"

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Dataset: 4dfr\_admin

Variable	Label	Description	Format Text
<b>fdfr_sodium_d1-4</b>	Sodium (mg)	Sodium (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_sugars_d1-4</b>	Sugars, Total (g)	Sugars, Total (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_theobromine_d1-4</b>	Theobromine (mg)	Theobromine (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_thiamin_d1-4</b>	Thiamin (mg)	Thiamin (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_tocopherolalpha_d1-4</b>	Vitamin E, Alpha-Tocopherol (mg)	Vitamin E, Alpha-Tocopherol (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_totalfat_d1-4</b>	Total Fat (g)	Total Fat (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_vitamina_d1-4</b>	Vitamin A, RAE (mcg_RAE)	Vitamin A, RAE (mcg_RAE)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_vitaminb12_added_d1-4</b>	Vitamin B-12, Added	Vitamin B-12, Added	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_vitaminb12_d1-4</b>	Vitamin B-12 (mcg)	Vitamin B-12 (mcg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_vitaminb6_d1-4</b>	Vitamin B-6 (mg)	Vitamin B-6 (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_vitaminc_d1-4</b>	Vitamin C (mg)	Vitamin C (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_vitamins_d1-4</b>	Vitamin D (D2 + D3)	Vitamin D (D2 + D3)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_vitamine_added_d1-4</b>	Vitamin E, Added (mg)	Vitamin E, Added (mg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_vitamink_d1-4</b>	Vitamin K, Phylloquinone (mcg)	Vitamin K, Phylloquinone (mcg)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_water_d1-4</b>	Water (g)	Water (g)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_zinc_d1-4</b>	Zinc (mg)	Zinc (mg)	Numeric .D="Missing Day" .N="Not Applicable"

## Section 4: Food Equivalents

Variable	Label	Description	Format Text
<b>fdfr_a_drinks_d1-4</b>	Alcoholic beverages and alcohol (ethanol) added to foods after cooking (no. of drinks)	Alcoholic beverages and alcohol (ethanol) added to foods after cooking (no. of drinks)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_add_sugars_d1-4</b>	Foods defined as added sugars (tsp. eq.)	Foods defined as added sugars (tsp. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_d_cheese_d1-4</b>	Cheeses (cup eq.)	Cheeses (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_d_milk_d1-4</b>	Fluid milk, buttermilk, evaporated milk, dry milk, and calcium fortified soy milk (cup eq.)	Fluid milk, buttermilk, evaporated milk, dry milk, and calcium fortified soy milk (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_d_total_d1-4</b>	Total milk, yogurt, cheese, whey. For some foods, the total dairy values could be higher than sum of D_MILK, D_YOGURT, and D_CHEESE because Misc dairy component composed of whey which is not included in FPED as separate variable. (cup eq.)	Total milk, yogurt, cheese, whey. For some foods, the total dairy values could be higher than sum of D_MILK, D_YOGURT, and D_CHEESE because Misc dairy component composed of whey which is not included in FPED as separate variable. (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_d_yogurt_d1-4</b>	Yogurt (cup eq.)	Yogurt (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_f_citmlb_d1-4</b>	Intact fruits (whole or cut) of citrus, melons, and berries (cup eq.)	Intact fruits (whole or cut) of citrus, melons, and berries (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_f_juice_d1-4</b>	Fruit juices, citrus and non citrus (cup eq.)	Fruit juices, citrus and non citrus (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_f_other_d1-4</b>	Intact fruits (whole or cut); excluding citrus, melons, and berries (cup eq.)	Intact fruits (whole or cut); excluding citrus, melons, and berries (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_f_total_d1-4</b>	Total intact fruits (whole or cut) and fruit juices (cup eq.)	Total intact fruits (whole or cut) and fruit juices (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_g_refined_d1-4</b>	Refined grains that do not contain all of the components of the entire grain kernel (oz. eq.)	Refined grains that do not contain all of the components of the entire grain kernel (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_g_total_d1-4</b>	Total whole and refined grains (oz. eq.)	Total whole and refined grains (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_g_whole_d1-4</b>	Grains defined as whole grains and contain the entire grain kernel, the bran, germ, and endosperm (oz. eq.)	Grains defined as whole grains and contain the entire grain kernel, the bran, germ, and endosperm (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"

Variable	Label	Description	Format Text
<b>fdfr_oils_d1-4</b>	Fats naturally present in nuts, seeds, seafood; unhydrogenated vegetable oils, except palm oil, palm kernel oil, coconut oils; fat in avocado and olives above allowable amount; 50% of fat present in stick/tub margarines, margarine spreads (grams)	Fats naturally present in nuts, seeds, seafood; unhydrogenated vegetable oils, except palm oil, palm kernel oil, coconut oils; fat in avocado and olives above allowable amount; 50% of fat present in stick/tub margarines, margarine spreads (grams)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_curedmeat_d1-4</b>	Frankfurters, sausages, corned beef, and luncheon meat that are made from beef, pork, or poultry (oz. eq.)	Frankfurters, sausages, corned beef, and luncheon meat that are made from beef, pork, or poultry (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_eggs_d1-4</b>	Eggs (chicken, duck, goose, quail) and egg substitutes (oz. eq.)	Eggs (chicken, duck, goose, quail) and egg substitutes (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_legumes_d1-4</b>	Beans and Peas (legumes) computed as protein foods (oz. eq.)	Beans and Peas (legumes) computed as protein foods (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_meat_d1-4</b>	Beef, veal, pork, lamb, and game meat; excludes organ meat and cured meat (oz. eq.)	Beef, veal, pork, lamb, and game meat; excludes organ meat and cured meat (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_mps_total_d1-4</b>	Total of meat, poultry, seafood, organ meat, and cured meat (oz. eq.)	Total of meat, poultry, seafood, organ meat, and cured meat (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_nutsds_d1-4</b>	Peanuts, tree nuts, and seeds; excludes coconut (oz. eq.)	Peanuts, tree nuts, and seeds; excludes coconut (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_organ_d1-4</b>	Organ meat from beef, veal, pork, lamb, game, and poultry (oz. eq.)	Organ meat from beef, veal, pork, lamb, game, and poultry (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_poult_d1-4</b>	Chicken, turkey, Cornish hens, duck, goose, quail, and pheasant (game birds); excludes organ meat and cured meat (oz. eq.)	Chicken, turkey, Cornish hens, duck, goose, quail, and pheasant (game birds); excludes organ meat and cured meat (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_seafd_hi_d1-4</b>	Seafood (finfish, shellfish, and other seafood) high in n-3 fatty acids (oz. eq.)	Seafood (finfish, shellfish, and other seafood) high in n-3 fatty acids (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_seafd_low_d1-4</b>	Seafood (finfish, shellfish, and other seafood) low in n-3 fatty acids (oz. eq.)	Seafood (finfish, shellfish, and other seafood) low in n-3 fatty acids (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_soy_d1-4</b>	Soy products, excluding calcium fortified soy milk and immature soybeans (oz. eq.)	Soy products, excluding calcium fortified soy milk and immature soybeans (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_pf_total_d1-4</b>	Total meat, poultry, organ meat, cured meat, seafood, eggs, soy, and nuts and seeds; excludes legumes (oz. eq.)	Total meat, poultry, organ meat, cured meat, seafood, eggs, soy, and nuts and seeds; excludes legumes (oz. eq.)	Numeric .D="Missing Day" .N="Not Applicable"

Variable	Label	Description	Format Text
<b>fdfr_solid_fats_d1-4</b>	Fats naturally present in meat, poultry, eggs, dairy (lard, tallow, butter); hydrogenated/partially hydrogenated oils; shortening, palm, palm kernel, coconut oils; coconut meat, cocoa butter; 50% of fat in stick/tub margarines, margarine spreads (grams)	Fats naturally present in meat, poultry, eggs, dairy (lard, tallow, butter); hydrogenated/partially hydrogenated oils; shortening, palm, palm kernel, coconut oils; coconut meat, cocoa butter; 50% of fat in stick/tub margarines, margarine spreads (grams)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_v_drkgr_d1-4</b>	Dark green vegetables (cup eq.)	Dark green vegetables (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_v_legumes_d1-4</b>	Beans and peas (legumes) computed as vegetables (cup eq.)	Beans and peas (legumes) computed as vegetables (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_v_other_d1-4</b>	Other vegetables not in the vegetable components listed above (cup eq.)	Other vegetables not in the vegetable components listed above (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_v_redor_other_d1-4</b>	Other red and orange vegetables, excluding tomatoes and tomato products (cup eq.)	Other red and orange vegetables, excluding tomatoes and tomato products (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_v_redor_tomato_d1-4</b>	Tomatoes and tomato products (cup eq.)	Tomatoes and tomato products (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_v_redor_total_d1-4</b>	Total red and orange vegetables (tomatoes and tomato products + other red and orange vegetables)(cup eq.)	Total red and orange vegetables (tomatoes and tomato products + other red and orange vegetables)(cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_v_starchy_other_d1-4</b>	Other starchy vegetables, excluding white potatoes (cup eq.)	Other starchy vegetables, excluding white potatoes (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_v_starchy_potato_d1-4</b>	White potatoes (cup eq.)	White potatoes (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_v_starchy_total_d1-4</b>	Total starchy vegetables (white potatoes + other starchy vegetables) (cup eq.)	Total starchy vegetables (white potatoes + other starchy vegetables) (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"
<b>fdfr_v_total_d1-4</b>	Total dark green, red and orange, starchy, and other vegetables; excludes legumes (cup eq.)	Total dark green, red and orange, starchy, and other vegetables; excludes legumes (cup eq.)	Numeric .D="Missing Day" .N="Not Applicable"