

Review of WIC Food Packages:
An Evaluation of White Potatoes in the Cash Value
Voucher

Sensitivity Analysis Background Data Tables

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Excerpt from Statement of Task

The letter report will include dietary and energy intake analyses, food intake analyses relative to the *Dietary Guidelines for Americans*, diet quality indices, and a sensitivity analysis to determine the impact of exclusion of white potatoes in WIC food packages on consumption of other foods and the ability of WIC participants to meet key recommendations of the *Dietary Guidelines for Americans*. The report will contain findings and recommendations for white potatoes that are consistent with the current *Dietary Guidelines for Americans*, consider the health and cultural needs of the WIC population, and can be administered effectively and efficiently nationwide and in a cost-effective manner.

Description of Sensitivity Analysis Scenarios

SCENARIOS

Four scenarios each of increased consumption of white potatoes (WP) purchased with the cash value voucher (CVV) were tested for children and women, as follows:

1. A moderate increase in WP consumption by children of 0.09 cup-equivalents (c-eq/d); other vegetable and fruit categories are reduced proportionally to cover the cost.
2. A moderate increase in WP consumption by children of 0.09 c-eq/d; other vegetable (not fruit) categories are reduced proportionally to cover the cost.
3. A large increase in WP consumption by children of 0.24 c-eq/d; other vegetable and fruit categories are reduced proportionally to cover the cost.
4. A large increase in WP consumption by children of 0.24 c-eq/d; other vegetable (not fruit) categories are reduced proportionally to cover the cost.
5. A moderate increase in WP consumption by women of 0.14 c-eq/d; other vegetable and fruit categories are reduced proportionally to cover the cost.
6. A moderate increase in WP consumption by women of 0.14 c-eq/d; other vegetable (not fruit) categories are reduced proportionally to cover the cost.
7. A large increase in WP consumption by women of 0.33 c-eq/d; other vegetable and fruit categories are reduced proportionally to cover the cost.
8. A large increase in WP consumption by women of 0.33 c-eq/d; other vegetable (not fruit) categories are reduced proportionally to cover the cost.

Rationale for Scenario Development

The two potato intake values each for children and women represent (1) total at-home potentially WIC-eligible WP intake (0.09 or 0.14), and (2) total WP intake (0.24 or 0.33 cup-equivalents/day). These scenarios represent doubling of at-home potentially WIC-eligible or total WP intake for each population group, the second being a less plausible outcome. Recommended starchy vegetable intake by the 2010 *Dietary Guidelines for Americans* (DGA) is 0.5 c-eq/d for children ages 2 to 5 years (1,200 kcal) and 0.7 c-eq/d for women (2,000 kcal). In this study, food group recommendations for children are weighted in a 1:3 ratio using 1,000 and 1,300 (averaged from 1,200 and 1,400) calorie food patterns, following methodology applied by the IOM report *Child and Adult Care Food Program* (2011a).

NOTES: These analyses assume no changes in food groups other than vegetables and fruits (e.g., not grains, dairy, or protein groups). The sensitivity analysis is constrained to the CVV, which allows only use for purchase of fruits and vegetables. Therefore, tradeoffs in purchases made if white potatoes are purchased were limited to other items that can be purchased with the voucher. Changes in fruit and vegetable intake were tested as sourced from 100 percent fresh purchases, or a combination of fresh, frozen, and canned to represent a variety of price ranges.

Cost Calculations

TABLE 1 Cost Calculation of Fruit and Vegetable Groups

Food group	Food item	Fresh Only		Fresh, Canned, and Frozen			
		Cost/ c-eq	Percent weight	Cost/lb	Cost/ c-eq	Percent weight	Cost/lb
White potatoes	White potatoes, fresh	0.19	100.0	0.48	0.19	100.0	0.48
	Weighted cost/cup-equiv	0.19			0.19		
Other starchy veg	Corn, yellow, fresh	1.17	9.8	1.80	1.17	0.0	1.80
	Corn, yellow, canned	0.37	0.0	0.69	0.37	9.8	0.69
	Green peas, frozen	0.51	0	1.34	0.51	5.3	1.34
	Green peas, canned	0.43	0	0.74	0.43	5.3	0.74
	Weighted cost/cup-equiv	1.17			0.42		
	Red-orange veg	Tomatoes, fresh	1.28	70.9	2.94	1.28	70.9
	Tomatoes, canned	0.41	0.0	0.77	0.41	70.9	0.77
	Carrots, fresh	0.25	17.9	0.77	0.25	17.9	0.77
	Weighted cost/cup-equiv	1.07			0.60		
Dark green veg	Broccoli, fresh	0.63	39.3	1.84	0.63	39.3	1.84
	Leafy greens	1.95	25.0	0.40	1.95	25.0	0.40
	Spinach, fresh	2.02	23.0	3.92	2.02	23.0	3.92
	Spinach, frozen	0.96	0.0	1.51	0.96	23.0	1.51
	Weighted cost/cup-equiv	1.37			1.29		
Other veg	Lettuce, fresh	0.26	22.3	0.99	0.26	22.3	0.99
	Green beans, fresh	1.03	10.5	3.23	1.03	0.0	3.23
	Green beans, canned*	0.42	0.0	0.80	0.42	10.5	0.80
	Onions, fresh	0.28	16.0	0.67	0.28	16.0	0.67
	Cabbage, fresh	0.27	5.7	0.62	0.27	5.7	0.62
	Weighted cost/cup-equiv	0.42			0.30		
Fruit, no juice	Apples	0.28	18.5	1.07	0.28	18.5	1.07
	Bananas	0.21	12.8	0.45	0.21	12.8	0.45
	Watermelon	0.17	5.2	0.26	0.17	5.2	0.26
	Oranges	0.34	5.2	0.57	0.34	5.2	0.57
	Weighted cost/cup-equiv	0.25			0.25		

NOTES: Cost data in Table 1 was applied across all scenarios.

c-eq = cup-equivalent. Only food items contributing 5 percent or more to the food group are included in the cost calculation. Percent weights reflect the percent contribution of the specific vegetable or fruit to the general vegetable or fruit subgroup. To calculate the weighted costs per cup-equivalent, these percents were rescaled so that they summed to 100%.

*Average of cut and whole canned green beans.

DATA SOURCES: Percent weight from Personal communication, P. Britten, USDA/CNPP, September 24, 2014. Cost data from USDA/ERS (2013).

Nutrient Data

TABLE 2 Nutrients per Cup-Equivalent for Select Foods for Food Group Weighting

Nutrients	Nutr/155g Potatoes boiled w/out skin	Nutr/120g Potato baked with skin	Nutr/165g Corn, sweet yellow boiled	Nutr/110g Apples	Nutr/150g Bananas	Nutr/150g Watermelon	Nutr/185g Oranges
Energy (kcal)	133	112	158	57	134	45	91
Potassium (mg)	508	642	360	118	537	168	307
Dietary fiber (g)	2.8	2.6	4	2.6	3.9	0.6	4.1
Calcium (mg)	12	18	5	7	8	10	80
Vitamin D (IU)	0	0	0	0	0	0	0
Iron (mg)	0.5	1.3	0.7	0.1	0.4	0.4	0.2
Vitamin C (mg)	11.5	11.5	9.1	5.1	13	12.1	109.3
Folate (µg DFE)	14	34	38	3	30	4	63

NOTES: The nutrient values for the foods in this table were used in calculating nutrient values of the White Potatoes and Fruits food groups in the sensitivity analyses. Foods were weighted in the food group calculations in proportions obtained from the Food Patterns Equivalents Database (FPED), a file that identifies the food group and subgroup intakes associated with the DGA. The grams of each food listed (for example, 155 grams of potatoes) represent one cup-equivalent according to the Food Patterns Equivalents Database 2007-2008: Methodology and User Guide (USDA/ARS, 2013).

DATA SOURCES: Nutrient values for each food are derived from USDA National Nutrient Database for Standard Reference Release 27 (USDA/ARS, 2014).

Notes for Sensitivity Analysis Scenario Data Tables

Each of the 8 scenarios is presented as four tables:

1. A sensitivity scenario using fresh cost data
2. Nutrient calculations for 1
3. A sensitivity scenario using fresh, canned, and frozen cost data
4. Nutrient calculations for 3

NOTES FOR SENSITIVITY OUTCOME TABLES:

Nutrient intakes were compared to the RDA/AI for children 1–3 years of age and 4–8 years of age and women ages 19-50 years of age (IOM, 1997, 1998, 2000, 2001, 2002/2005, 2011b).

For sensitivity scenarios involving children, food group recommendations are per 2010 *Dietary Guidelines for Americans* (USDA/HHS, 2010), weighted in a 1:3 ratio using 1,000 and 1,300 (averaged from 1,200 and 1,400) calorie food patterns, following methodology applied by IOM report *Child and Adult Care Food Program* (2011a).

For sensitivity scenarios involving women, food group recommendations are per 2010 *Dietary Guidelines for Americans* for a 2,000 kcal diet.

Nutrient intakes were compared to the RDA/AI for children 1–3 years of age 4–8 years of age and women ages 19-50 years (IOM, 1997, 1998, 2000, 2001, 2002/2005, 2011b).

NOTES FOR FOOD SUBGROUP NUTRIENT PROFILE TABLES:

Draft nutrient profiles are from CNPP (Personal communication, P. Britten, USDA/CNPP, December 9, 2014). Nutrient profiles from selected food items from USDA National Nutrient Database for Standard Reference Release 27 (USDA/ARS, 2014).

Abbreviations

c-eq = cup-equivalents

DFE = dietary folate equivalent

DGV = Dark green vegetables

Nutr = nutrients

Red-Or = Red and orange vegetables

Scenario 1: A moderate increase in WP consumption by children of 0.09 cup-equivalents (c-eq/d); other vegetable and fruit categories are reduced proportionally to cover the cost

TABLE 3-A Sensitivity Analysis Scenario Considering the Addition of 0.09 Cup-Equivalents per Day of White Potatoes: WIC Children, Fresh Only

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.16	0.23			0.19	0.09	0.51	0.32		
Potentially WIC-eligible potatoes	0.09	0.12								
Other starchy vegetables	0.05	0.06			1.17	0.00	-0.05	0.06		
Total Starchy Vegetables (c-eq/d)	0.21	0.29	0.45	64.7				0.38	84.3	19.67
Dark Green Vegetables (c-eq/d)	0.02	0.02	0.13	16.9	1.37	-0.001	-0.02	0.02	16.5	-0.42
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.12	0.15								
WIC-eligible tomatoes	0.06	0.08								
Other red-orange	0.04	0.04								
Total red-orange	0.16	0.20	0.41	48.0	1.07	-0.005	-0.15	0.19	46.9	-1.17
Other Vegetables (c-eq/d)	0.10	0.14	0.32	42.8	0.42	-0.003	-0.04	0.13	41.9	-0.94
Fruit (c-eq/d)										
Total	1.32	1.45	1.00	144.8				1.43	142.8	-1.98
Without juice	0.66	0.73			0.25	-0.020	-0.15	0.71		
Change in cost										
Energy (kcal)		1566	1300			9		1575		
Potassium (mg)		2036	3200			42		2078		
Total fiber (g)		10.9	20.5			0		11.1		
Calcium (mg)		992	775			1		993		
Vitamin D (IU)		276	600			0		276		
Iron (mg)		11.9	7.75			0		12.0		
Vitamin C (mg)		82.4	17.5			1		83.0		
Folate (µg DFE)		443	163			1		444		

TABLE 3-B Projected Changes in Nutrient Intake Considering the Addition of 0.09 Cup-Equivalents per Day of White Potatoes: WIC Children, Fresh Only

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d	Change in Intake	Revised Intake/d	% Change in Intake
Energy (kcal)	1566	1300	126.0	158.0	43	33	48	80.6	9	1575	0.6
Potassium (mg)	2036	3200	552.7	360.0	443	377	266	254.8	42	2078	2.0
Total fiber (g)	10.9	20.5	2.7	4.0	2.4	3.3	2.6	2.9	0.2	11.1	1.5
Calcium (mg)	992	775	14.0	5.0	24	75	38	13	1	993	0.1
Vitamin D (IU)	276	600	0	0	0	0	1	0	0	276	0.0
Iron (mg)	11.9	7.8	0.8	0.7	1.3	1.5	0.7	0.2	0.1	12.0	0.5
Vitamin C (mg)	82.4	17.5	11.5	9.1	20	47.5	17	15.3	0.6	83.0	0.7
Folate (µg DFE)	443	162.5	20.7	38.0	19	137	37	15.1	1.3	444	0.3
At home fd grp intake (current), c/d			0.16	0.01	0.14	0.02	0.09	0.68			
Change in fd grp intake (c/d)			0.09	0.00	0.00	0.00	0.00	-0.02			

NOTES: Assumes addition of 0.09 cups of white potatoes and 3 percent reduction in other vegetable and fruit food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

TABLE 3-C Sensitivity Analysis Scenario Considering the Addition of 0.09 Cup-Equivalents per Day of White Potatoes: WIC Children, Fresh Canned and Frozen

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.16	0.23			0.19	0.09	0.51	0.32		
Potentially WIC-eligible potatoes	0.09	0.12								
Other starchy vegetables	0.05	0.06			0.42	0.00	-0.02	0.06		
Total Starchy Vegetables (c-eq/d)	0.21	0.29	0.45	64.7				0.38	84.2	19.56
Dark Green Vegetables (c-eq/d)	0.02	0.02	0.13	16.9	1.29	0.00	-0.03	0.02	16.4	-0.55
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.12	0.15								
WIC-eligible tomatoes	0.06	0.08								
Other red-orange	0.04	0.04								
Total red-orange	0.16	0.20	0.41	48.0	0.60	-0.01	-0.11	0.19	46.5	-1.56
Other Vegetables (c-eq/d)	0.10	0.14	0.32	42.8	0.30	0.00	-0.04	0.13	41.6	-1.25
Fruit (c-eq/d)										
Total	1.32	1.45	1.00	144.8				1.42	142.2	-2.64
Without juice	0.66	0.73			0.25	-0.03	-0.20	0.70		
Change in cost										
Energy (kcal)		1566	1300			9		1575		
Potassium (mg)		2036	3200			39		2078		
Total fiber (g)		10.9	20.5			0		11.1		
Calcium (mg)		992	775			1		993		
Vitamin D (IU)		276	600			0		276		
Iron (mg)		11.9	7.75			0		12.0		
Vitamin C (mg)		82.4	17.5			0		83.0		
Folate (µg DFE)		443	163			1		444		

TABLE 3-D Projected Changes in Nutrient Intake Considering the Addition of 0.09 Cup-Equivalents per Day of White Potatoes: WIC Children, Fresh Canned and Frozen

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c						Change in Intake	Revised Intake/d	% Change in Intake
			Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d			
Energy (kcal)	1566	1300	126	158	43	33	48	81	9	1575	0.6
Potassium (mg)	2036	3200	553	360	443	377	266	255	39	2075	1.9
Total fiber (g)	10.9	20.5	2.7	4.0	2.4	3.3	2.6	2.9	0.1	11.0	1.3
Calcium (mg)	992	775	14	5	24	75	38	13	1	993	0.1
Vitamin D (IU)	276	600	0	0	0	0	1	0	0	276	0.0
Iron (mg)	11.9	7.75	0.8	0.7	1.25	1.54	0.74	0.2	0.1	12.0	0.4
Vitamin C (mg)	82.4	17.5	11.5	9.1	20.0	47.5	17.0	15.3	0.4	82.8	0.5
Folate (µg DFE)	443	163	21	38	19	137	37	15	1	444	0.2
At home fd grp intake (current), c/d			0.16	0.013	0.137	0.017	0.091	0.682			
Change in fd grp intake (c/d)			0.09	-0.001	-0.005	-0.001	-0.004	-0.027			

NOTES: Assumes addition of 0.09 cups of white potatoes and 4 percent reduction in other vegetable and fruit food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

Scenario 2: A moderate increase in WP consumption by children of 0.09 c-eq/d; other vegetable (not fruit) categories are reduced proportionally to cover the cost.

TABLE 4-A Sensitivity Analysis Scenario Considering the Addition of 0.09 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Children, Fresh Only

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.16	0.23			0.19	0.09	0.51	0.32		
Potentially WIC-eligible potatoes	0.09	0.12								
Other starchy vegetables	0.05	0.06			1.17	0.00	-0.10	0.05		
Total Starchy Vegetables (c-eq/d)	0.21	0.29	0.45	64.7				0.38	84.0	19.35
Dark Green Vegetables (c-eq/d)	0.02	0.02	0.13	16.9	1.37	-0.001	-0.04	0.02	16.1	-0.83
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.12	0.15								
WIC-eligible tomatoes	0.06	0.08								
Other red-orange	0.04	0.04								
Total red-orange	0.16	0.20	0.41	48.0	1.07	-0.010	-0.31	0.19	45.7	-2.34
Other Vegetables (c-eq/d)	0.10	0.14	0.32	42.8	0.42	-0.006	-0.07	0.13	40.9	-1.88
Fruit (c-eq/d)										
Total	1.32	1.45	1.00	144.8				1.45	144.8	0.00
Without juice	0.66	0.73			0.25	0.000	0.00	0.73		
Change in cost										
Energy (kcal)		1566	1300			11		1577		
Potassium (mg)		2036	3200			44		2080		
Total fiber (g)		10.9	20.5			0.2		11.1		
Calcium (mg)		992	775			1		993		
Vitamin D (IU)		276	600			0		276		
Iron (mg)		11.9	7.8			0		12.0		
Vitamin C (mg)		82.4	17.5			1		83.1		
Folate (µg DFE)		443	163			1		444		

TABLE 4-B Projected Changes in Nutrient Intake Considering the Addition of 0.09 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Children, Fresh Only

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c						Change in Intake	Revised Intake/d	% Change in Intake
			Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d			
Energy (kcal)	1566	1300	126	158	43	33	48	81	11	1577	0.7
Potassium (mg)	2036	3200	553	360	443	377	266	255	44	2080	2.2
Total fiber (g)	10.9	20.5	2.7	4.0	2.4	3.3	2.6	2.9	0.2	11.1	1.9
Calcium (mg)	992	775	14	5	24	75	38	13	1	993	0.1
Vitamin D (IU)	276	600	0	0	0	0	1	0	0	276	0.0
Iron (mg)	11.9	7.8	0.8	0.7	1.3	1.5	0.7	0.2	0.1	12.0	0.4
Vitamin C (mg)	82.4	17.5	11.5	9.1	20.0	47.5	17.0	15.3	0.7	83.1	0.9
Folate (µg DFE)	443	163	21	38	19	137	37	15	1	444	0.3
At home fd grp intake (current), c/d			0.16	0.01	0.14	0.02	0.09	0.68			
Change in fd grp intake (c/d)			0.09	0.00	-0.01	0.00	-0.01	0.00			

NOTES: Assumes addition of 0.09 cups of white potatoes and 6 percent reduction in other vegetable (not fruit) food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

TABLE 4-C Sensitivity Analysis Scenario Considering the Addition of 0.09 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Children, Fresh Canned and Frozen

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.16	0.23			0.19	0.09	0.51	0.32		
Potentially WIC-eligible potatoes	0.09	0.12								
Other starchy vegetables	0.05	0.06			0.42	0.00	-0.05	0.05		
Total Starchy Vegetables (c-eq/d)	0.21	0.29	0.45	64.7				0.38	83.8	19.13
Dark Green Vegetables (c-eq/d)	0.02	0.02	0.13	16.9	1.29	-0.001	-0.06	0.02	15.8	-1.11
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.12	0.15								
WIC-eligible tomatoes	0.06	0.08								
Other red-orange	0.04	0.04								
Total red-orange	0.16	0.20	0.41	48.0	0.60	-0.013	-0.23	0.18	44.9	-3.12
Other Vegetables (c-eq/d)	0.10	0.14	0.32	42.8	0.30	-0.007	-0.06	0.13	40.6	-2.19
Fruit (c-eq/d)										
Total	1.32	1.45	1.00	144.8				1.45	144.8	0.00
Without juice	0.66	0.73			0.25	0.000	0.00	0.73		
Change in cost										
Energy (kcal)		1566	1300				10	1576		
Potassium (mg)		2036	3200				42	2078		
Total fiber (g)		10.9	20.5				0.2	11.1		
Calcium (mg)		992	775				1	993		
Vitamin D (IU)		276	600				0	276		
Iron (mg)		11.9	7.75				0	12		
Vitamin C (mg)		82.4	17.5				1	83		
Folate (µg DFE)		443	163				1	444		

TABLE 4-D Projected Changes in Nutrient Intake Considering the Addition of 0.09 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Children, Fresh Canned and Frozen

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d	Change in Intake	Revised Intake/d	% Change in Intake
Energy (kcal)	1566	1300	126	158	43	33	48	81	10	1576	0.7
Potassium (mg)	2036	3200	553	360	443	377	266	255	42	2078	2.1
Total fiber (g)	10.9	20.5	2.7	4.0	2.4	3.3	2.6	2.9	0.2	11.1	1.8
Calcium (mg)	992	775	14	5	24	75	38	13	1	993	0.1
Vitamin D (IU)	276	600	0	0	0	0	1	0	0	276	0.0
Iron (mg)	11.9	7.8	0.8	0.7	1.3	1.5	0.7	0.2	0.0	11.9	0.4
Vitamin C (mg)	82.4	17.5	11.5	9.1	20.0	47.5	17.0	15.3	0.6	83.0	0.7
Folate (µg DFE)	443	163	21	38	19	137	37	15	1	444	0.3
At home fd grp intake (current), c/d			0.16	0.01	0.14	0.02	0.09	0.68			
Change in fd grp intake (c/d)			0.09	0.00	-0.01	0.00	-0.01	0.00			

NOTES: Assumes addition of 0.09 cups of white potatoes and 8 percent reduction in other vegetable (not fruit) food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

Scenario 3: A large increase in WP consumption by children of 0.24 c-eq/d; other vegetable and fruit categories are reduced proportionally to cover the cost.

TABLE 5-A Sensitivity Analysis Scenario Considering the Addition of 0.24 Cup-Equivalents per Day of White Potatoes: WIC Children, Fresh Only

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.16	0.23			0.19	0.24	1.37	0.47		
Potentially WIC-eligible potatoes	0.09	0.12								
Other starchy vegetables	0.05	0.06			1.17	-0.01	-0.19	0.05		
Total Starchy Vegetables (c-eq/d)	0.21	0.29	0.45	64.7				0.53	116.8	52.14
Dark Green Vegetables (c-eq/d)	0.02	0.02	0.13	16.9	1.37	-0.002	-0.08	0.02	15.4	-1.52
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.12	0.15								
WIC-eligible tomatoes	0.06	0.08								
Other red-orange	0.04	0.04								
Total red-orange	0.16	0.20	0.41	48.0	1.07	-0.018	-0.57	0.18	43.8	-4.29
Other Vegetables (c-eq/d)	0.10	0.14	0.32	42.8	0.42	-0.011	-0.14	0.13	39.4	-3.44
Fruit (c-eq/d)										
Total	1.32	1.45	1.00	144.8				1.38	137.5	-7.26
Without juice	0.66	0.73			0.25	-0.073	-0.55	0.66		
Change in cost							0.16			
Energy (kcal)		1566	1300			23		1589		
Potassium (mg)		2036	3200			103.0		2139		
Total fiber (g)		10.9	20.5			0.4		11.3		
Calcium (mg)		992	775			1.5		994		
Vitamin D (IU)		276	600			0.0		276		
Iron (mg)		11.9	7.75			0.1		12.0		
Vitamin C (mg)		82.4	17.5			1.0		83.4		
Folate (µg DFE)		443	162.5			2.9		446		

TABLE 5-B Projected Changes in Nutrient Intake Considering the Addition of 0.24 Cup-Equivalents per Day of White Potatoes: WIC Children, Fresh Only

Nutrients	Current Intake/d	Recommended	Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetabl ^e	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetab ^c	Nutr/c Fruit ^d	Change in Intake	Revised Intake/d	% Change in Intake
Energy (kcal)	1566	1300	126	158	43	33	48	81	23	1589	1.5
Potassium (mg)	2036	3200	553	360	443	377	266	255	103	2139	5.1
Total fiber (g)	10.9	20.5	2.7	4.0	2.4	3.3	2.6	2.9	0.4	11.3	3.3
Calcium (mg)	992	775	14	5	24	75	38	13	2	994	0.2
Vitamin D (IU)	276	600	0	0	0	0	1	0	0	276	0.0
Iron (mg)	11.9	7.8	0.8	0.7	1.3	1.5	0.7	0.2	0.1	12.0	1.1
Vitamin C (mg)	82.4	17.5	11.5	9.1	20.0	47.5	17.0	15.3	1.0	83.4	1.3
Folate (µg DFE)	443	163	21	38	19	137	37	15	3	446	0.6
At home fd grp intake (current), c/d			0.16	0.01	0.14	0.02	0.09	0.68			
Change in fd grp intake (c/d)			0.24	0.00	-0.02	0.00	-0.01	-0.08			

NOTES: Assumes addition of 0.24 cups of white potatoes and 11 percent reduction in other vegetable and fruit food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

TABLE 5-C Sensitivity Analysis Scenario Considering the Addition of 0.24 Cup-Equivalents per Day of White Potatoes: WIC Children, Fresh Canned and Frozen

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.16	0.23			0.19	0.24	1.368	0.47		
Potentially WIC-eligible potatoes	0.09	0.12								
Other starchy vegetables	0.05	0.06			0.42	-0.01	-0.09	0.05		
Total Starchy Vegetables (c-eq/d)	0.21	0.29	0.45	64.7				0.52	116.4	51.70
Dark Green Vegetables (c-eq/d)	0.02	0.02	0.13	16.9	1.29	-0.003	-0.10	0.02	14.8	-2.08
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.12	0.15								
WIC-eligible tomatoes	0.06	0.08								
Other red-orange	0.04	0.04								
Total red-orange	0.16	0.20	81.22	0.2	0.60	-0.024	-0.43	0.17	0.2	-0.03
Other Vegetables (c-eq/d)	0.10	0.14	72.99	0.2	0.30	-0.015	-0.13	0.12	0.2	-0.02
Fruit (c-eq/d)										
Total	1.32	1.45	1.00	144.8				1.35	134.9	-9.90
Without juice	0.66	0.73			0.25	-0.099	-0.75	0.63		
Change in cost										
Energy (kcal)		1566	1300							22.3
Potassium (mg)		2036	3200							99.1
Total fiber (g)		10.9	20.5							0.3
Calcium (mg)		992	775							1.2
Vitamin D (IU)		276	600							0.0
Iron (mg)		11.9	7.75							0.1
Vitamin C (mg)		82.4	17.5							0.8
Folate (µg DFE)		443	162.5							2.5

TABLE 5-D Projected Changes in Nutrient Intake Considering the Addition of 0.24 Cup-Equivalents per Day of White Potatoes: WIC Children, Fresh Canned and Frozen

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d	Change in Intake	Revised Intake/d	% Change in Intake
Energy (kcal)	1566	1300	126	158	43	33	48	81	22	1588	1.4
Potassium (mg)	2036	3200	553	360	443	377	266	255	99	2135	4.9
Total fiber (g)	10.9	20.5	2.7	4.0	2.4	3.3	2.6	2.9	0.3	11.2	3.1
Calcium (mg)	992	775	14	5	24	75	38	13	1	993	0.1
Vitamin D (IU)	276	600	0	0	0	0	1	0	0	276	0.0
Iron (mg)	11.9	7.75	0.8	0.7	1.25	1.54	0.74	0.2	0.1	12.0	1.0
Vitamin C (mg)	82.4	17.5	11.5	9.1	20	47.5	17	15.3	0.8	83.2	1.0
Folate (µg DFE)	443	163	21	38	19	137	37	15	3	446	0.6
At home fd grp intake (current), c/d			0.16	0.01	0.14	0.02	0.09	0.68			
Change in fd grp intake (c/d)			0.24	0.00	-0.02	0.00	-0.01	-0.08			

NOTES: Assumes addition of 0.24 cups of white potatoes and 15 percent reduction in other vegetable and fruit food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

Scenario 4: A large increase in WP consumption by children of 0.24 c-eq/d; other vegetable (not fruit) categories are reduced proportionally to cover the cost.

TABLE 6-A Sensitivity Analysis Scenario Considering the Addition of 0.24 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Children, Fresh Only

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.16	0.23			0.19	0.24	1.37	0.47		
Potentially WIC-eligible potatoes	0.09	0.12								
Other starchy vegetables	0.05	0.06			1.17	-0.01	-0.26	0.05		
Total Starchy Vegetables (c-eq/d)	0.21	0.29	0.45	64.7				0.52	116.4	51.70
Dark Green Vegetables (c-eq/d)	0.02	0.02	0.13	16.9	1.37	-0.003	-0.11	0.02	14.8	-2.08
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.12	0.15								
WIC-eligible tomatoes	0.06	0.08								
Other red-orange	0.04	0.04								
Total red-orange	0.16	0.20	0.41	48.0	1.07	-0.024	-0.77	0.17	42.2	-5.85
Other Vegetables (c-eq/d)	0.10	0.14	0.32	42.8	0.42	-0.015	-0.19	0.12	38.1	-4.69
Fruit (c-eq/d)										
Total	1.32	1.45	1.00	144.8				1.45	144.8	0.00
Without juice	0.66	0.73			0.25		0.00	0.73		
Change in cost										
Energy (kcal)		1566	1300			17.3		1583		
Potassium (mg)		2036	3200			83.5		2119		
Total fiber (g)		10.9	20.5			0.2		11.1		
Calcium (mg)		992	775			0.4		992		
Vitamin D (IU)		276	600			0.0		276		
Iron (mg)		11.9	7.75			0.1		12.0		
Vitamin C (mg)		82.4	17.5			-0.1		82.3		
Folate (µg DFE)		443	163			1.6		445		

TABLE 6-B Projected Changes in Nutrient Intake Considering the Addition of 0.24 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Children, Fresh Only

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d	Change in Intake	Revised Intake/d	% Change in Intake
Energy (kcal)	1566	1300	126	158	43	33	48	81	17	1583	1.1
Potassium (mg)	2036	3200	553	360	443	377	266	255	83	2119	4.1
Total fiber (g)	10.9	20.5	2.7	4.0	2.4	3.3	2.6	2.9	0.2	11.1	1.4
Calcium (mg)	992	775	14	5	24	75	38	13	0	992	0.0
Vitamin D (IU)	276	600	0	0	0	0	1	0	0	276	0.0
Iron (mg)	11.9	7.8	0.8	0.7	1.3	1.5	0.7	0.2	0.1	12.0	0.9
Vitamin C (mg)	82.4	17.5	11.5	9.1	20.0	47.5	17.0	15.3	-0.1	82.3	-0.1
Folate (µg DFE)	443	163	21	38	19	137	37	15	2	445	0.4
At home fd grp intake (current), c/d			0.16	0.01	0.14	0.02	0.09	0.68			
Change in fd grp intake (c/d)			0.24	0.00	-0.02	0.00	-0.01	-0.14			

NOTES: Assumes addition of 0.24 cups of white potatoes and 15 percent reduction in other vegetable (not fruit) food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

TABLE 6-C Sensitivity Analysis Scenario Considering the Addition of 0.24 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Children, Fresh Canned and Frozen

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.16	0.23			0.19	0.24	1.37	0.47		
Potentially WIC-eligible potatoes	0.09	0.12								
Other starchy vegetables	0.05	0.06			0.42	-0.01	-0.16	0.04		
Total Starchy Vegetables (c-eq/d)	0.21	0.29	0.45	64.7				0.52	115.3	50.61
Dark Green Vegetables (c-eq/d)	0.02	0.02	0.13	16.9	1.29	-0.005	-0.17	0.02	13.5	-3.46
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.12	0.15								
WIC-eligible tomatoes	0.06	0.08								
Other red-orange	0.04	0.04								
Total red-orange	0.16	0.20	0.43	46.0	0.60	-0.040	-0.72	0.16	36.6	-9.33
Other Vegetables (c-eq/d)	0.10	0.14	0.36	38.4	0.30	-0.025	-0.22	0.11	31.4	-7.00
Fruit (c-eq/d)										
Total	1.32	1.45	1.00	144.8				1.45	144.8	0.00
Without juice	0.66	0.73			0.25		0.00	0.73		
Change in cost										
Energy (kcal)		1566	1300			13.3		1579		
Potassium (mg)		2036	3200			65.2		2101		
Total fiber (g)		10.9	20.5			0.0		11		
Calcium (mg)		992	775			-0.8		991		
Vitamin D (IU)		276	600			0.0		276		
Iron (mg)		11.9	7.75			0.1		12		
Vitamin C (mg)		82.4	17.5			-1.2		81		
Folate (µg DFE)		443	163			0.2		443		

TABLE 6-D Projected Changes in Nutrient Intake Considering the Addition of 0.24 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Children, Fresh Canned and Frozen

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c						Change in Intake	Revised Intake/d	% Change in Intake
			Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d			
Energy (kcal)	1566	1300	126	158	43	33	48	81	13	1579	0.8
Potassium (mg)	2036	3200	553	360	443	377	266	255	65	2101	3.2
Total fiber (g)	10.9	20.5	2.7	4.0	2.4	3.3	2.6	2.9	0.0	10.9	-0.1
Calcium (mg)	992	775	14	5	24	75	38	13	-1	991	-0.1
Vitamin D (IU)	276	600	0	0	0	0	1	0	0	276	0.0
Iron (mg)	11.9	7.8	0.8	0.7	1.3	1.5	0.7	0.2	0.1	12.0	0.6
Vitamin C (mg)	82.4	17.5	11.5	9.1	20.0	47.5	17.0	15.3	-1.2	81.2	-1.4
Folate (µg DFE)	443	163	21	38	19	137	37	15	0	443	0.0
At home fd grp intake (current), c/d			0.16	0.01	0.14	0.02	0.09	0.68			
Change in fd grp intake (c/d)			0.24	0.00	-0.03	0.00	-0.02	-0.17			

NOTES: Assumes addition of 0.24 cups of white potatoes and 25 percent reduction in other vegetable (not fruit) food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

Scenario 5: A moderate increase in WP consumption by women of 0.14 c-eq/d; other vegetable and fruit categories are reduced proportionally to cover the cost.

TABLE 7-A Sensitivity Analysis Scenario Considering the Addition of 0.14 Cup-Equivalents per Day of White Potatoes: WIC Women, Fresh Only

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.18	0.33			0.19	0.14	0.80	0.47		
Potentially WIC-eligible potatoes	0.14	0.20								
Other starchy vegetables	0.06	0.12			1.17	0.00	-0.10	0.11		
Total Starchy Vegetables (c-eq/d)	0.24	0.45	0.71	62.6				0.58	81.8	19.19
Dark Green Vegetables (c-eq/d)	0.04	0.06	0.21	28.0	1.37	-0.002	-0.09	0.06	27.0	-0.98
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.14	0.23								
WIC-eligible tomatoes	0.11	0.17								
Other red-orange	0.04	0.01								
Total red-orange	0.18	0.24	0.79	30.9	1.07	-0.009	-0.29	0.23	29.8	-1.13
Other Vegetables (c-eq/d)	0.22	0.20	0.57	34.3	0.42	-0.011	-0.14	0.19	32.4	-1.92
Fruit (c-eq/d)										
Total	0.90	0.98	2.00	49.0				0.96	47.9	-1.08
Without juice	0.43	0.47			0.25	-0.022	-0.16	0.44		
Change in cost										
Energy (kcal)		2001	2000			14.3		2015		
Potassium (mg)		2319	4700			62.4		2381		
Total fiber (g)		13.7	25			0.3		14		
Calcium (mg)		1023	1000			1.0		1024		
Vitamin D (IU)		208	600			0.0		208		
Iron (mg)		14.4	18			0.1		14		
Vitamin C (mg)		73	75			0.8		74		
Folate (µg DFE)		353	400			1.7		355		

TABLE 7-B Projected Changes in Nutrient Intake Considering the Addition of 0.14 Cup-Equivalents per Day of White Potatoes: WIC Women, Fresh Only

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d	Change in Intake	Revised Intake/d	% Change in Intake
Energy (kcal)	2001	2000	126	158	43	33	48	81	14	2015	0.7
Potassium (mg)	2319	4700	553	360	443	377	266	255	62	2381	2.7
Total fiber (g)	13.7	25.0	2.7	4.0	2.4	3.3	2.6	2.9	0.3	14.0	1.9
Calcium (mg)	1023	1000	14	5	24	75	38	13	1	1024	0.1
Vitamin D (IU)	208	600	0	0	0	0	1	0	0	208	0.0
Iron (mg)	14.4	18.0	0.8	0.7	1.3	1.5	0.7	0.2	0.1	14.5	0.5
Vitamin C (mg)	73.0	75.0	11.5	9.1	20.0	47.5	17.0	15.3	0.8	73.8	1.1
Folate (µg DFE)	353	400	21	38	19	137	37	15	2	355	0.5
At home fd grp intake (current), c/d			0.19	0.05	0.19	0.03	0.14	0.41			
Change in fd grp intake (c/d)			0.14	0.00	-0.01	0.00	-0.01	-0.02			

NOTES: Assumes addition of 0.14 cups of white potatoes and 5 percent reduction in other vegetable and fruit food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

TABLE 7-C Sensitivity Analysis Scenario Considering the Addition of 0.14 Cup-Equivalents per Day of White Potatoes: WIC Women, Fresh Canned and Frozen

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.18	0.33			0.19	0.14	0.80	0.47		
Potentially WIC-eligible potatoes	0.14	0.20								
Other starchy vegetables	0.06	0.12			0.42	0.00	-0.05	0.11		
Total Starchy Vegetables (c-eq/d)	0.24	0.45	0.71	62.6				0.58	81.6	19.03
Dark Green Vegetables (c-eq/d)	0.04	0.06	0.21	28.0	1.29	-0.003	-0.11	0.06	26.6	-1.37
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.14	0.23								
WIC-eligible tomatoes	0.11	0.17								
Other red-orange	0.04	0.01								
Total red-orange	0.18	0.24	0.79	30.9	0.60	-0.012	-0.22	0.23	29.4	-1.58
Other Vegetables (c-eq/d)	0.22	0.20	0.57	34.3	0.30	-0.015	-0.14	0.18	31.6	-2.68
Fruit (c-eq/d)										
Total	0.90	0.98	2.00	49.0				0.95	47.4	-1.52
Without juice	0.43	0.47			0.25	-0.030	-0.23	0.44		
Change in cost										
Energy (kcal)		2001	2000			13.7		2015		
Potassium (mg)		2319	4700			59.5		2379		
Total fiber (g)		13.7	25			0.2		14		
Calcium (mg)		1023	1000			0.7		1024		
Vitamin D (IU)		208	600			0.0		208		
Iron (mg)		14.4	18			0.1		14		
Vitamin C (mg)		73	75			0.6		74		
Folate (µg DFE)		353	400			1.4		354		

TABLE 7-D Projected Changes in Nutrient Intake Considering the Addition of 0.14 Cup-Equivalents per Day of White Potatoes: WIC Women, Fresh Canned and Frozen

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c						Change in Intake	Revised Intake/d	% Change in Intake
			Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d			
Energy (kcal)	2001	2000	126	158	43	33	48	81	14	2015	0.7
Potassium (mg)	2319	4700	553	360	443	377	266	255	60	2379	2.6
Total fiber (g)	13.7	25.0	2.7	4.0	2.4	3.3	2.6	2.9	0.2	13.9	1.6
Calcium (mg)	1023	1000	14	5	24	75	38	13	1	1024	0.1
Vitamin D (IU)	208	600	0	0	0	0	1	0	0	208	0.0
Iron (mg)	14.4	18.0	0.8	0.7	1.3	1.5	0.7	0.2	0.1	14.5	0.5
Vitamin C (mg)	73.0	75.0	11.5	9.1	20.0	47.5	17.0	15.3	0.6	73.6	0.8
Folate (µg DFE)	353	400	21	38	19	137	37	15	1	354	0.4
At home fd grp intake (current), c/d			0.19	0.05	0.19	0.03	0.14	0.41			
Change in fd grp intake (c/d)			0.14	0.00	-0.01	0.00	-0.01	-0.03			

NOTES: Assumes addition of 0.14 cups of white potatoes and 7 percent reduction in other vegetable and fruit food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

Scenario 6: A moderate increase in WP consumption by women of 0.14 c-eq/d; other vegetable (not fruit) categories are reduced proportionally to cover the cost.

TABLE 8-A Sensitivity Analysis Scenario Considering the Addition of 0.14 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Women, Fresh Only

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.18	0.33			0.19	0.14	0.80	0.47		
Potentially WIC-eligible potatoes	0.14	0.20								
Other starchy vegetables	0.06	0.12			1.17	0.00	-0.12	0.11		
Total Starchy Vegetables (c-eq/d)	0.24	0.45	0.71	62.6				0.58	81.7	19.11
Dark Green Vegetables (c-eq/d)	0.04	0.06	0.21	28.0	1.37	-0.003	-0.10	0.06	26.8	-1.18
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.14	0.23								
WIC-eligible tomatoes	0.11	0.17								
Other red-orange	0.04	0.01								
Total red-orange	0.18	0.24	0.79	30.9	1.07	-0.011	-0.34	0.23	29.6	-1.35
Other Vegetables (c-eq/d)	0.22	0.20	0.57	34.3	0.42	-0.013	-0.16	0.18	32.0	-2.30
Fruit (c-eq/d)										
Total	0.90	0.98	2.00	49.0						
Without juice	0.43	0.47			0.25					
Change in cost							0.07			
Energy (kcal)		2019	2000			16.2		2035		
Potassium (mg)		2334	4700			68.3		2402		
Total fiber (g)		15.8	25			0.3		16		
Calcium (mg)		908	1000			1.2		909		
Vitamin D (IU)		148	600			0.0		148		
Iron (mg)		14.4	18			0.1		14		
Vitamin C (mg)		83	75			1.1		84		
Folate (µg DFE)		543	400			2.0		545		

TABLE 8-B Projected Changes in Nutrient Intake Considering the Addition of 0.14 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Women, Fresh Only

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d	Change in Intake	Revised Intake/d	% Change in Intake
Energy (kcal)	2019	2000	126	158	43	33	48	81	16	2035	0.8
Potassium (mg)	2334	4700	553	360	443	377	266	255	68	2402	2.9
Total fiber (g)	15.8	25.0	2.7	4.0	2.4	3.3	2.6	2.9	0.3	16.1	2.0
Calcium (mg)	908	1000	14	5	24	75	38	13	1	909	0.1
Vitamin D (IU)	148	600	0	0	0	0	1	0	0	148	0.0
Iron (mg)	14.4	18.0	0.8	0.7	1.3	1.5	0.7	0.2	0.1	14.5	0.6
Vitamin C (mg)	83	75	12	9	20	48	17	15	1	84	1.3
Folate (µg DFE)	543	400	21	38	19	137	37	15	2	545	0.4
At home fd grp intake (current), c/d			0.19	0.05	0.19	0.03	0.14	0.41			
Change in fd grp intake (c/d)			0.14	0.00	-0.01	0.00	-0.01	0.00			

NOTES: Assumes addition of 0.14 cups of white potatoes and 6 percent reduction in other vegetable (not fruit) food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

TABLE 8-C Sensitivity Analysis Scenario Considering the Addition of 0.14 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Women, Fresh Canned and Frozen

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.18	0.33			0.19	0.14	0.798	0.47		
Potentially WIC-eligible potatoes	0.14	0.20								
Other starchy vegetables	0.06	0.12			0.42	-0.01	-0.07	0.11		
Total Starchy Vegetables (c-eq/d)	0.24	0.45	0.71	62.6				0.58	81.4	18.79
Dark Green Vegetables (c-eq/d)	0.04	0.06	0.21	28.0	1.29	-0.004	-0.16	0.06	26.0	-1.96
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.14	0.23								
WIC-eligible tomatoes	0.11	0.17								
Other red-orange	0.04	0.01								
Total red-orange	0.18	0.24	0.79	30.9	0.60	-0.018	-0.32	0.23	28.7	-2.25
Other Vegetables (c-eq/d)	0.22	0.20	0.57	34.3	0.30	-0.022	-0.20	0.17	30.5	-3.83
Fruit (c-eq/d)										
Total	0.90	0.98	2.00	49.0						
Without juice	0.43	0.47			0.25					
Change in cost										
Energy (kcal)		2019	2000			15.3		2034		
Potassium (mg)		2334	4700			62.2		2396		
Total fiber (g)		15.8	25			0.3		16		
Calcium (mg)		908	1000			0.7		909		
Vitamin D (IU)		148	600			0.0		148		
Iron (mg)		14.4	18			0.1		14		
Vitamin C (mg)		83	75			0.8		84		
Folate (µg DFE)		543	400			1.4		544		

TABLE 8-D Projected Changes in Nutrient Intake Considering the Addition of 0.14 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Women, Fresh Canned and Frozen

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c		Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c		Change in Intake	Revised Intake/d	% Change in Intake
			White Potatoes ^a	Other Starchy Vegetable ^b			Other Vegetable ^c	Fruit ^d			
Energy (kcal)	2019	2000	126	158	43	33	48	81	15	2034	0.8
Potassium (mg)	2334	4700	553	360	443	377	266	255	62	2396	2.7
Total fiber (g)	15.8	25.0	2.7	4.0	2.4	3.3	2.6	2.9	0.3	16.1	1.7
Calcium (mg)	908	1000	14	5	24	75	38	13	1	909	0.1
Vitamin D (IU)	148	600	0	0	0	0	1	0	0	148	0.0
Iron (mg)	14.4	18.0	0.8	0.7	1.3	1.5	0.7	0.2	0.1	14.5	0.4
Vitamin C (mg)	83	75	12	9	20	48	17	15	1	84	0.9
Folate (µg DFE)	543	400	21	38	19	137	37	15	1	544	0.3
At home fd grp intake (current), c/d			0.19	0.05	0.19	0.03	0.14	0.41			
Change in fd grp intake (c/d)			0.14	0.00	-0.02	0.00	-0.01	0.00			

NOTES: Assumes addition of 0.14 cups of white potatoes and 10 percent reduction in other vegetable (not fruit) food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

Scenario 7: A large increase in WP consumption by women of 0.33 c-eq/d; other vegetable and fruit categories are reduced proportionally to cover the cost.

TABLE 9-A Sensitivity Analysis Scenario Considering the Addition of 0.33 Cup-Equivalents per Day of White Potatoes: WIC Women, Fresh Only

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.18	0.33			0.19	0.33	1.8525	0.66		
Potentially WIC-eligible potatoes	0.14	0.20								
Other starchy vegetables	0.06	0.12			1.17	-0.01	-0.24	0.11		
Total Starchy Vegetables (c-eq/d)	0.24	0.45	0.71	62.6				0.77	107.1	44.53
Dark Green Vegetables (c-eq/d)	0.04	0.06	0.21	28.0	1.37	-0.005	-0.21	0.05	25.6	-2.35
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.14	0.23								
WIC-eligible tomatoes	0.11	0.17								
Other red-orange	0.04	0.01								
Total red-orange	0.18	0.24	0.79	30.9	1.07	-0.021	-0.68	0.22	28.2	-2.70
Other Vegetables (c-eq/d)	0.22	0.20	0.57	34.3	0.42	-0.026	-0.33	0.17	29.7	-4.60
Fruit (c-eq/d)										
Total	0.90	0.98	2.00	49.0				0.93	46.4	-2.60
Without juice	0.43	0.47			0.25	-0.052	-0.39	0.41		
Change in cost										
Energy (kcal)		2019	2000			34.8		2054		
Potassium (mg)		2334	4700			151.5		2486		
Total fiber (g)		15.8	25			0.6		16		
Calcium (mg)		908	1000			2.6		911		
Vitamin D (IU)		148	600			0.0		148		
Iron (mg)		14.4	18			0.2		15		
Vitamin C (mg)		83	75			2.1		85		
Folate (µg DFE)		543	400			4.4		547		

TABLE 9-B Projected Changes in Nutrient Intake Considering the Addition of 0.33 Cup-Equivalents per Day of White Potatoes: WIC Women, Fresh Only

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d	Change in Intake	Revised Intake/d	% Change in Intake
Energy (kcal)	2019	2000	126	158	43	33	48	81	35	2054	1.7
Potassium (mg)	2334	4700	553	360	443	377	266	255	152	2486	6.5
Total fiber (g)	15.8	25.0	2.7	4.0	2.4	3.3	2.6	2.9	0.6	16.4	4.0
Calcium (mg)	908	1000	14	5	24	75	38	13	3	911	0.3
Vitamin D (IU)	148	600	0	0	0	0	1	0	0	148	0.0
Iron (mg)	14.4	18.0	0.8	0.7	1.3	1.5	0.7	0.2	0.2	14.6	1.3
Vitamin C (mg)	83.0	75.0	11.5	9.1	20.0	47.5	17.0	15.3	2.1	85.1	2.6
Folate (µg DFE)	543	400	21	38	19	137	37	15	4	547	0.8
At home fd grp intake (current), c/d			0.19	0.05	0.19	0.03	0.14	0.41			
Change in fd grp intake (c/d)			0.33	0.00	-0.02	0.00	-0.02	-0.04			

NOTES: Assumes addition of 0.33 cups of white potatoes and 11 percent reduction in other vegetable and fruit food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

TABLE 9-C Sensitivity Analysis Scenario Considering the Addition of 0.33 Cup-Equivalents per Day of White Potatoes: WIC Women, Fresh Canned and Frozen

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.18	0.33			0.19	0.33	1.8525	0.66		
Potentially WIC-eligible potatoes	0.14	0.20								
Other starchy vegetables	0.06	0.12			0.42	-0.01	-0.12	0.11		
Total Starchy Vegetables (c-eq/d)	0.24	0.45	0.71	62.6				0.76	106.7	44.12
Dark Green Vegetables (c-eq/d)	0.04	0.06	0.21	28.0	1.29	-0.007	-0.28	0.05	24.7	-3.33
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.14	0.23								
WIC-eligible tomatoes	0.11	0.17								
Other red-orange	0.04	0.01								
Total red-orange	0.18	0.24	0.79	30.9	0.60	-0.030	-0.54	0.21	27.1	-3.83
Other Vegetables (c-eq/d)	0.22	0.20	0.57	34.3	0.30	-0.037	-0.33	0.16	27.8	-6.52
Fruit (c-eq/d)										
Total	0.90	0.98	2.00	49.0				0.91	45.3	-3.68
Without juice	0.43	0.47			0.25	-0.074	-0.56	0.39		
Change in cost										
Energy (kcal)		2019	2000			35.9		2055		
Potassium (mg)		2334	4700			156.6		2491		
Total fiber (g)		15.8	25			0.7		16		
Calcium (mg)		908	1000			2.9		911		
Vitamin D (IU)		148	600			0.0		148		
Iron (mg)		14.4	18			0.2		15		
Vitamin C (mg)		83	75			2.4		85		
Folate (µg DFE)		543	400			4.8		548		

TABLE 9-D Projected Changes in Nutrient Intake Considering the Addition of 0.33 Cup-Equivalents per Day of White Potatoes: WIC Women, Fresh Canned and Frozen

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d	Change in Intake	Revised Intake/d	% Change in Intake
Energy (kcal)	2019	2000	126	158	43	33	48	81	36	2055	1.8
Potassium (mg)	2334	4700	553	360	443	377	266	255	157	2491	6.7
Total fiber (g)	15.8	25	2.7	4.0	2.4	3.3	2.6	2.9	0.7	16.5	4.3
Calcium (mg)	908	1000	14	5	24	75	38	13	3	911	0.3
Vitamin D (IU)	148	600	0	0	0	0	1	0	0	148	0.0
Iron (mg)	14.4	18.0	0.8	0.7	1.3	1.5	0.7	0.2	0.2	14.6	1.4
Vitamin C (mg)	83.0	75.0	11.5	9.1	20.0	47.5	17.0	15.3	2.4	85.4	2.9
Folate (µg DFE)	543	400	21	38	19	137	37	15	5	548	0.9
At home fd grp intake (current), c/d			0.19	0.05	0.19	0.03	0.14	0.41			
Change in fd grp intake (c/d)			0.33	0.00	-0.02	0.00	-0.01	-0.04			

NOTES: Assumes addition of 0.33 cups of white potatoes and 9 percent reduction in other vegetable and fruit food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

Scenario 8: A large increase in WP consumption by women of 0.33 c-eq/d; other vegetable (not fruit) categories are reduced proportionally to cover the cost.

TABLE 10-A Sensitivity Analysis Scenario Considering the Addition of 0.33 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Women, Fresh Only

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.18	0.33			0.19	0.33	1.85	0.66		
Potentially WIC-eligible potatoes	0.14	0.20								
Other starchy vegetables	0.06	0.12			1.17	-0.01	-0.31	0.11		
Total Starchy Vegetables (c-eq/d)	0.24	0.45	0.71	62.6				0.76	106.9	44.28
Dark Green Vegetables (c-eq/d)	0.04	0.06	0.21	28.0	1.37	-0.006	-0.26	0.05	25.1	-2.94
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.14	0.23								
WIC-eligible tomatoes	0.11	0.17								
Other red-orange	0.04	0.01								
Total red-orange	0.18	0.24	0.79	30.9	1.07	-0.027	-0.86	0.22	27.5	-3.38
Other Vegetables (c-eq/d)	0.22	0.20	0.57	34.3	0.42	-0.033	-0.41	0.16	28.6	-5.75
Fruit (c-eq/d)										
Total	0.90	0.98	2.00	49.0						
Without juice	0.43	0.47			0.25					
Change in cost										
Energy (kcal)		2019	2000			37.5		2056		
Potassium (mg)		2334	4700			156.9		2491		
Total fiber (g)		15.8	25			0.7		17		
Calcium (mg)		908	1000			2.6		911		
Vitamin D (IU)		148	600			0.0		148		
Iron (mg)		14.4	18			0.2		15		
Vitamin C (mg)		83	75			2.5		85		
Folate (µg DFE)		543	400			4.4		547		

TABLE 10-B Projected Changes in Nutrient Intake Considering the Addition of 0.33 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Women, Fresh Only

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c White Potatoes ^a	Nutr/c Other Starchy Vegetable ^b	Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c Other Vegetable ^c	Nutr/c Fruit ^d	Change in Intake	Revised Intake/d	% Change in Intake
Energy (kcal)	2019	2000	126	158	43	33	48	81	37	2056	1.9
Potassium (mg)	2334	4700	553	360	443	377	266	255	157	2491	6.7
Total fiber (g)	15.8	25	2.7	4.0	2.4	3.3	2.6	2.9	0.7	16.5	4.6
Calcium (mg)	908	1000	14	5	24	75	38	13	3	911	0.3
Vitamin D (IU)	148	600	0	0	0	0	1	0	0	148	0.0
Iron (mg)	14.4	18.0	0.8	0.7	1.3	1.5	0.7	0.2	0.2	14.6	1.3
Vitamin C (mg)	83.0	75.0	11.5	9.1	20.0	47.5	17.0	15.3	2.5	85.5	3.0
Folate (µg DFE)	543	400	21	38	19	137	37	15	4	547	0.8
At home fd grp intake (current), c/d			0.19	0.05	0.19	0.03	0.14	0.41			
Change in fd grp intake (c/d)			0.33	-0.01	-0.03	-0.01	-0.02	0.00			

NOTES: Assumes addition of 0.33 cups of white potatoes and 15 percent reduction in other vegetable (not fruit) food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

TABLE 10-C Sensitivity Analysis Scenario Considering the Addition of 0.33 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Women, Fresh Canned and Frozen

Food Groups and Nutrients	Current At-Home Intake	Current Total Intake	Recommended Intake	Intake as % of Recommendation	Cost per c-eq	Change in Intake	Cost of Change per Month	Revised Intake	Revised Intake as % of Recommendation	Change in % Recommendation
Starchy Vegetable Subgroups (c-eq/d)										
Total potatoes	0.18	0.33			0.19	0.33	1.85	0.66		
Potentially WIC-eligible potatoes	0.14	0.20								
Other starchy vegetables	0.06	0.12			0.42	-0.01	-0.18	0.10		
Total Starchy Vegetables (c-eq/d)	0.24	0.45	0.71	62.6				0.76	106.1	43.47
Dark Green Vegetables (c-eq/d)	0.04	0.06	0.21	28.0	1.29	-0.011	-0.41	0.05	23.1	-4.90
Red-Orange Vegetables (c-eq/d)										
Total tomatoes	0.14	0.23								
WIC-eligible tomatoes	0.11	0.17								
Other red-orange	0.04	0.01								
Total red-orange	0.18	0.24	0.79	30.9	0.60	-0.044	-0.79	0.20	25.3	-5.63
Other Vegetables (c-eq/d)	0.22	0.20	0.57	34.3	0.30	-0.055	-0.49	0.14	24.7	-9.58
Fruit (c-eq/d)										
Total	0.90	0.98	2.00	49.0						
Without juice	0.43	0.47			0.25					
Change in cost							-0.02			
Energy (kcal)		2019	2000			37.9		2057		
Potassium (mg)		2334	4700			159.9		2494		
Total fiber (g)		15.8	25			0.7		17		
Calcium (mg)		908	1000			2.9		911		
Vitamin D (IU)		148	600			0.0		148		
Iron (mg)		14.4	18			0.2		15		
Vitamin C (mg)		83	75			2.7		86		
Folate (µg DFE)		543	400			4.7		548		

TABLE 10-D Projected Changes in Nutrient Intake Considering the Addition of 0.33 Cup-Equivalents per Day of White Potatoes, No Change in Fruit: WIC Women, Fresh Canned and Frozen

Nutrients	Current Intake/d	Recommended Intake/d	Nutr/c		Nutr/c Red-Or ^c	Nutr/c DGV ^c	Nutr/c		Change in Intake	Revised Intake/d	% Change in Intake
			White Potatoes ^a	Other Starchy Vegetable ^b			Other Vegetable ^c	Fruit ^d			
Energy (kcal)	2019	2000	126	158	43	33	48	81	38	2057	1.9
Potassium (mg)	2334	4700	553	360	443	377	266	255	160	2494	6.9
Total fiber (g)	15.8	25.0	2.7	4.0	2.4	3.3	2.6	2.9	0.7	16.5	4.7
Calcium (mg)	908	1000	14	5	24	75	38	13	3	911	0.3
Vitamin D (IU)	148	600	0	0	0	0	1	0	0	148	0.0
Iron (mg)	14.4	18.0	0.8	0.7	1.3	1.5	0.7	0.2	0.2	14.6	1.3
Vitamin C (mg)	83.0	75.0	11.5	9.1	20.0	47.5	17.0	15.3	2.7	85.7	3.2
Folate (µg DFE)	543	400	21	38	19	137	37	15	5	548	0.9
At home fd grp intake (current), c/d			0.19	0.05	0.19	0.03	0.14	0.41			
Change in fd grp intake (c/d)			0.33	-0.01	-0.02	0.00	-0.02	0.00			

NOTES: Assumes addition of 0.33 cups of white potatoes and 13 percent reduction in other vegetable (not fruit) food groups.

^a Weighted average of boiled white potatoes without peel and baked white potatoes with peel in a 2:1 ratio.

^b Nutrients are for boiled sweet yellow corn.

^c CNPP Draft nutrient profiles (Personal communication, P. Britten, USDA/CNPP, December 9, 2014).

^d Weighted average of apple, banana, watermelon, and orange in a 4:2:0.5:0.5 ratio.

References

- IOM. 1997. *Dietary Reference Intakes for Calcium, Phosphorus, Magnesium, Vitamin D, and Fluoride*. Washington, DC: National Academy Press.
- IOM. 1998. *Dietary Reference Intakes for Thiamin, Riboflavin, Niacin, Vitamin B6, Folate, Vitamin B12, Pantothenic Acid, Biotin, and Choline*. Washington, DC: National Academy Press.
- IOM. 2000. *Dietary Reference Intakes for Vitamin C, Vitamin E, Selenium, and Carotenoids*. Washington, DC: National Academy Press.
- IOM. 2001. *Dietary Reference Intakes for Vitamin A, Vitamin K, Arsenic, Boron, Chromium, Copper, Iodine, Iron, Manganese, Molybdenum, Nickel, Silicon, Vanadium, and Zinc*. Washington, DC: National Academy Press.
- IOM. 2002/2005. *Dietary Reference Intakes for Energy, Carbohydrate, Fiber, Fat, Fatty Acids, Cholesterol, Protein and Amino Acids*. Washington, DC: The National Academies Press.
- IOM. 2011a. *Child and Adult Care Food Program*. Washington, DC: The National Academies Press.
- IOM. 2011b. *Dietary Reference Intakes for Calcium and Vitamin D*. Washington, DC: The National Academies Press.
- USDA/ARS. 2007-2010. *What We Eat in America, NHANES 2007-2010*. Beltsville, MD: USDA/ARS. <http://www.ars.usda.gov/Services/docs.htm?docid=18349> (accessed December 15, 2014).
- USDA/ARS. 2013. *Food Patterns Equivalents Database 2007-08: Methodology and User Guide*. Beltsville, MD: USDA/ARS. http://www.ars.usda.gov/SP2UserFiles/Place/80400530/pdf/fped/FPED_0708.pdf (accessed December 15, 2014).
- USDA/ARS. 2014. *USDA National Nutrient Database for Standard Reference, Release 27*. Beltsville, MD: USDA/ARS. <http://www.ars.usda.gov/ba/bhnrc/ndl> (accessed December 15, 2014).
- USDA/ERS. 2013. *Fruit and Vegetable Prices*. Washington, DC: USDA/ERS. <http://ers.usda.gov/data-products/fruit-and-vegetable-prices.aspx> (accessed December 15, 2014).
- USDA/HHS. 2010. *Dietary Guidelines for Americans 2010*. Washington, DC: U.S. Government Printing Office. <http://www.health.gov/dietaryguidelines/dga2010/dietaryguidelines2010.pdf> (accessed December 15, 2014).