

http://riskfactor.cancer.gov/diet/usualintakes/

- Details of the NCl Method
- Food Intakes, US Population, 2001-04
- Intakes as Ratios of Energy Intake, US Population, 2001-04
- SAS Macros
- Documentation and References



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## Selected Tables of Food Intake, US

 Population, 2001-04- Total milk, yogurt, cheese
- Dark green vegetables• Fish
- Orange vegetables
- Total meat and meat
- Dried beans and peas alternates
- Other vegetables
- Oils
- Total vegetables
- Solid fat
- Whole grains
- Added sugars
- Total grains
- Alcoholic beverages

| 㰤 | Selected Tables of Food Intake, US Population, 2001-04 |
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| 场 | - Total fruit - Total milk, yogurt, cheese <br> - Dark green vegetables• Fish <br> - Orange vegetables - Total meat and meat <br> - Dried beans and peas alternates <br> - Other vegetables - Oils <br> - Total vegetables - Solid fat <br> - Whole grains - Added sugars <br> - Total grains - Alcoholic beverages |



Selected Tables of Intakes as Ratios of Energy Intake, US Population, 2001-04

- Ratio of energy from:
- total fat to total energy
- saturated fat to total energy





## Total Vegetables

- Measured in terms of cup equivalents per day
- Recommendations range from 1-4 cups per day
- Among nearly all sex-age groups, intakes up through $75^{\text {th }}$ percentile are below recommendations


## Fish Guidelines

- The consumption of two servings ( 8 oz ) per week of fish high in EPA and DHA is associated with reduced risk of both sudden death and CHD death in adults. (2005 Dietary Guidelines Advisory Committee)
- Women and young children should include fish in their diets and can safely consume up to 12 ounces per week of cooked fish. (FDA/EPA Advisory)


## Whole Grains

- Measured in terms of ounce equivalents per day
- Recommendations range from 1.5-5 ounces
- Among all sex-age groups, intakes up through $95^{\text {th }}$ percentile are below the recommendations.


## Total Fish \& Other Seafood

- Measured in terms of ounce equivalents per day
- 8 ounces per week $=1.41$ ounces/day
- 12 ounces per week = 1.71 ounces/day
- Up through the $75^{\text {th }}$ percentile, adult intakes are below 8 ounces per week
- None of the women or young children showed intakes greater than 12 ounces per week, at the $95^{\text {th }}$ percentile.



## Total Meat \& Meat Alternates

- Measured in terms of lean ounce equivalents per day
- Recommendations range from 2-7 ounces
- Among all sex-age groups, intakes up through $25^{\text {th }}$ percentile are below recommendations; this is also the case for many groups, up through $50^{\text {th }}$ and for adolescent girls up through the $75^{\text {th }}$
- At tails of distribution, adult men and women have intakes in excess of recommendations


## Total Milk, Yogurt \& Cheese

- Measured in terms of cup equivalents per day
- Recommendations range from 2-3 cups
- Intakes are below recommendations at
- $25^{\text {th }}$ percentile for children
$-50^{\text {th }}$ percentile for adolescent males
- $75^{\text {th }}$ percentile and above for adult males
- $90^{\text {th }}$ percentile for females in most age categories


## Added Sugars

- Measured in terms of teaspoons per day
- Examples range from 3-24 teaspoons per day
- For nearly all sex-age groups, values at $50^{\text {th }}$ percentile and beyond are above the amount corresponding to "active" energy level. For some groups intakes beyond the $25^{\text {th }}$ percentile were above this standard.



## Energy from Solid Fats, Alcohol, and Added Sugars (SoFAAS)

- Measured in terms of calories
- Represent large portion of discretionary calories
- Recommendations for discretionary calories range from 171-512 calories per day
- Among all sex-age groups, $75 \%$ or more of the population had intakes of SoFAAS which exceeded the maximum recommendation for discretionary calories


## Total Fat

- Measured in terms of $\%$ of calories
- Recommendation is between $20-35 \%$ of calories
- At $5^{\text {th }}$ percentile, none of the sex-age groups had intakes below $20 \%$ of calories from total fat
- At $75^{\text {th }}$ percentile, all sex-age groups had intakes above $35 \%$ of calories from total fat


|  | Summary |
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|  | Most Americans have: <br> - Low intakes of <br> - Fruit <br> - Vegetables, especially non-starchy <br> - Whole grains <br> - Milk, yogurt, cheese <br> - Oils <br> - Modest intakes of <br> - Fish <br> - Sufficient, and in some cases excessive, intakes of <br> - Total grains <br> - Meat/meat alternates <br> - Excessive intakes of <br> - Calories from SoFAAS <br> - Saturated fat |

