NONALCOHOLIC BEVERAGES

Yesterday, how many cans or glasses or regular soda (such as cola, lemon-lime), sweetened carbonated beverages (such as Clearly Canadian), or sweetened non-carbonated beverages (such as Gatorade, Snapple, SoBe) did you drink? [NOTE TO INTERVIEWER: THAT WOULD BE A LARGE GLASS OR A 12 OZ CAN OR BOTTLE, DO NOT INCLUDE DIET DRINKS OR CARBONATED WATER]. (#)

Preliminary Rank Medium Instrument California Dietary Practices Survey (2001)

Administration

Population State

Subgroup Adults in California, oversampling of low-income, African American, and Latino

participants.

Sample Size(s) n=1,500-1,700 adults biennially **Mode** Interviewer:Telephone (RDD).

Documented Description

Other Languages X Spanish

Low-Income X

Low Education Level

Evidence

Reliability

Internal Validity

External Validity

Sensitive to Change

Related to

Outcome(s)

Other

Notes:

Citations: Oppen M et al. 2002.

Do you drink diet soft drinks? (usually/always, often, sometimes, rarely, never)

Preliminary Rank Medium Instrument Food Behavior Checklist (1997)

Administration

Population Local

Subgroup African American and White FSP participants from 7 counties in CA. 8 California

counties among women eligible for food stamps. 9 counties in California of women

receiving food stamps.

Sample Size(s) n=95, n=100, n=132.

Mode Interviewer: Telephone and in-person among a group.

<u>Documented</u> <u>Description</u>

Other Languages X Spanish

Low-Income X

Low Education Level

Evidence

Reliability Control group reliability test not significant.

Internal Validity No significant correlations.

External Validity
Sensitive to Change

Related to Outcome(s) Other

Notes:

Citations: Murphy SP et al. 1998; Murphy SP et al. 2001; Townsend MS et al. 2003.

Do you drink regular soft drinks? (usually/always, often, sometimes, rarely, never)

Preliminary Rank High Instrument Food Behavior Checklist (1997)

Administration

Population Local

Subgroup African American and White FSP participants from 7 counties in CA. 8 California

counties among women eligible for food stamps. 9 counties in California of women

receiving food stamps.

Sample Size(s) n=95, n=100, n=132.

Mode Interviewer: Telephone and in-person among a group.

<u>Documented</u> <u>Description</u>

Other Languages X Spanish

Low-Income X

Low Education Level

Evidence

Reliability **X** Test-retest correlation coefficient = .83.

Internal Validity **X** Correlation coefficient to HEI from 24 hour recall = .23.

External Validity

Sensitive to Change \mathbf{X} p value = <.0001

Related to No significant correlation to serum carotenoid level.

Outcome(s)

Other X A Flesch Reading Ease score of 96 and a Flesch Kincaid score of 2.8

indicates less than fourth grade reading level.

Notes:

Citations: Murphy SP et al. 1998; Murphy SP et al. 2001; Townsend MS et al. 2003.

Do you buy Kool-Aid, Gatorade Sunny Delight, or other fruit drink/punch? (usually/always, often, sometimes, rarely, never)

Preliminary Rank High Instrument Food Behavior Checklist (1997)

Administration

Population Local

Subgroup African American and White FSP participants from 7 counties in CA. 8 California

counties among women eligible for food stamps. 9 counties in California of women

receiving food stamps.

Sample Size(s) n=95, n=100, n=132.

Mode Interviewer: Telephone and in-person among a group.

<u>Documented</u> <u>Description</u>

Other Languages X Spanish

Low-Income X

Low Education Level

Evidence

Reliability **X** Test-retest correlation coefficient = .72.

Internal Validity X Correlation coefficient to servings of fruit from 24 hour recall = .26 and

HEI = .19. Coefficient to HEI=.26.

External Validity

Sensitive to Change \mathbf{X} p value = <.0001

Related to No significant correlation to serum carotenoid level.

Outcome(s)

Other X A Flesch Reading Ease score of 96 and a Flesch Kincaid score of 2.8

indicates less than fourth grade reading level.

Notes:

Citations: Murphy SP et al. 1998; Murphy SP et al. 2001; Townsend MS et al. 2003.

How often were your fruit drinks diet or sugar-free drinks? (almost never or never, about 1/4 of the time, about 1/2 of the time, about 3/4 of the time, almost always or always)

Preliminary Rank High Instrument NCI Diet History Questionnaire, NCI Food

Propensity Questionnaire added and pilot tested

in NHANES 2003

Administration

Population National, local

Subgroup Tested with Washington DC participants ages 25-70 (64% female, 14% African-

American); tested in Eating at America's Table Study (nationally representative sample, RDD, 20-70 years of age, 79% White, 10% African-American, 51% women); RDD of adults 20-70 years old in Thompson FE et al. 2002b validation

study with Eating at America's Table Study sample.

Sample Size(s) n=623 in Thompson FE et al. 2002a validation study; n=1,301 in Eating at

America's Table Study; n=202 men and 260 women in smaller Thompson FE et al.

2002b validation study with Eating at America's Table Study sample.

Mode Self:Paper/pencil.

<u>Documented</u> <u>Description</u>

Other Languages X Spanish

Low-Income X

Low Education Level 4.8% had less than a HS degree in Eating at America's Table Study; 1%

had less than a HS degree in Thompson FE et al. 2002a; 79% had more

than a HS degree in Thompson FE et al. 2002b.

Evidence

Reliability

Internal Validity X Compared to Daily Food Report: r=0.48 for women and r=0.49 for men

for energy for entire instrument compared to four 24-hour recalls; adjusted deattenuated correlations for entire instrument across nutrients range from 0.51 to 0.77 for women and 0.41 to 0.83 for men compared to four 24-hour recalls; r=0.68 for entire instrument for men and 0.54 for

women compared to four 24-hour recalls.

External Validity
Sensitive to Change

Related to Outcome(s)

Other X Cognitive testing indicates instrument is easy to use; HHHG questions

were redesigned based on cognitive think-aloud interviewing and

incorporated into a test-DHQ.

Citations: NCI 2004; Thompson FE et al. 2002a; Subar AF et al. 2001; Thompson FE et al. 2002b;

NCHS/NHANES 2004.

How often were these soft drinks, soda, or pop diet or sugar-free? (almost never or never, about 1/4 of the time, about 1/2 of the time, about 3/4 of the time, almost always or always)

Preliminary Rank High

Instrument

NCI Diet History Questionnaire, NCI Food Propensity Questionnaire added and pilot tested in NHANES 2003

Administration

Population National, local

Subgroup Tested with Washington DC participants ages 25-70 (64% female, 14% African-

American); tested in Eating at America's Table Study (nationally representative sample, RDD, 20-70 years of age, 79% White, 10% African-American, 51% women); RDD of adults 20-70 years old in Thompson FE et al. 2002b validation

study with Eating at America's Table Study sample.

Sample Size(s) n=623 in Thompson FE et al. 2002a validation study; n=1,301 in Eating at

America's Table Study; n=202 men and 260 women in smaller Thompson FE et al.

2002b validation study with Eating at America's Table Study sample.

Mode Self:Paper/pencil.

Documented

Description

Other Languages

X Spanish

Low-Income

 \mathbf{X}

Low Education Level

4.8% had less than a HS degree in Eating at America's Table Study; 1% had less than a HS degree in Thompson FE et al. 2002a; 79% had more than a HS degree in Thompson FE et al. 2002b.

Evidence

Reliability

Internal Validity

Compared to Daily Food Report: r=0.48 for women and r=0.49 for men for energy for entire instrument compared to four 24-hour recalls; adjusted deattenuated correlations for entire instrument across nutrients range from 0.51 to 0.77 for women and 0.41 to 0.83 for men compared to four 24-hour recalls; r=0.68 for entire instrument for men and 0.54 for women compared to four 24-hour recalls.

External Validity
Sensitive to Change

Related to Outcome(s)

Other X Cognitive testing indicates instrument is easy to use; HHHG questions

were redesigned based on cognitive think-aloud interviewing and

incorporated into a test-DHQ.

How often did you drink other fruit drinks (such as cranberry cocktail, Hi-C, lemonade, or Kool-Aid, diet or regular)? (1 time per month or less, 2-3 times per month, 1-2 times per week, 3-4 times per week, 5-6 times per week, 1 time per day, 2-3 times per day, 4-5 times per day, 6 or more times per day)

Preliminary Rank High Instrument NCI Diet History Questionnaire, NCI Food

Propensity Questionnaire added and pilot tested

in NHANES 2003

Administration

Population National, local

Subgroup Tested with Washington DC participants ages 25-70 (64% female, 14% African-

American); tested in Eating at America's Table Study (nationally representative sample, RDD, 20-70 years of age, 79% White, 10% African-American, 51% women); RDD of adults 20-70 years old in Thompson FE et al. 2002b validation

study with Eating at America's Table Study sample.

Sample Size(s) n=623 in Thompson FE et al. 2002a validation study; n=1,301 in Eating at

America's Table Study; n=202 men and 260 women in smaller Thompson FE et al.

2002b validation study with Eating at America's Table Study sample.

Mode Self:Paper/pencil.

<u>Documented</u> <u>Description</u>

Other Languages X Spanish

Low-Income X

Low Education Level 4.8% had less than a HS degree in Eating at America's Table Study; 1%

had less than a HS degree in Thompson FE et al. 2002a; 79% had more

than a HS degree in Thompson FE et al. 2002b.

Evidence

Reliability

Internal Validity X Compared to Daily Food Report: r=0.48 for women and r=0.49 for men

for energy for entire instrument compared to four 24-hour recalls; adjusted deattenuated correlations for entire instrument across nutrients range from 0.51 to 0.77 for women and 0.41 to 0.83 for men compared to four 24-hour recalls; r=0.68 for entire instrument for men and 0.54 for

women compared to four 24-hour recalls.

External Validity

Sensitive to Change

Related to Outcome(s)

Other X Cognitive testing indicates instrument is easy to use; HHHG questions

were redesigned based on cognitive think-aloud interviewing and

incorporated into a test-DHQ.

Each time you drank fruit drinks, how much did you usually drink? (less than 1 cup/8 ounces, 1 to 2 cups/8 to 16 ounces, more than 2 cups/16 ounces)

Preliminary Rank High Instrument NCI Diet History Questionnaire, NCI Food

Propensity Questionnaire added and pilot tested

in NHANES 2003

Administration

Population National, local

Subgroup Tested with Washington DC participants ages 25-70 (64% female, 14% African-

American); tested in Eating at America's Table Study (nationally representative sample, RDD, 20-70 years of age, 79% White, 10% African-American, 51% women); RDD of adults 20-70 years old in Thompson FE et al. 2002b validation

study with Eating at America's Table Study sample.

Sample Size(s) n=623 in Thompson FE et al. 2002a validation study; n=1,301 in Eating at

America's Table Study; n=202 men and 260 women in smaller Thompson FE et al.

2002b validation study with Eating at America's Table Study sample.

Mode Self:Paper/pencil.

Documented Description

Other Languages X Spanish

Low-Income X

Low Education Level 4.8% had less than a HS degree in Eating at America's Table Study; 1%

had less than a HS degree in Thompson FE et al. 2002a; 79% had more

than a HS degree in Thompson FE et al. 2002b.

Evidence

Reliability

Internal Validity X Compared to Daily Food Report: r=0.48 for women and r=0.49 for men

for energy for entire instrument compared to four 24-hour recalls; adjusted deattenuated correlations for entire instrument across nutrients range from 0.51 to 0.77 for women and 0.41 to 0.83 for men compared to four 24-hour recalls; r=0.68 for entire instrument for men and 0.54 for

women compared to four 24-hour recalls.

External Validity

Sensitive to Change

Related to Outcome(s)

Other X Cognitive testing indicates instrument is easy to use; HHHG questions

were redesigned based on cognitive think-aloud interviewing and

incorporated into a test-DHQ.

Over the past 12 months, did you drink soft drinks, soda, or pop? (Y, N)

Preliminary Rank High Instrument NCI Diet History Questionnaire, NCI Food

Propensity Questionnaire added and pilot tested

in NHANES 2003

Administration

Population National, local

Subgroup Tested with Washington DC participants ages 25-70 (64% female, 14% African-

American); tested in Eating at America's Table Study (nationally representative sample, RDD, 20-70 years of age, 79% White, 10% African-American, 51% women); RDD of adults 20-70 years old in Thompson FE et al. 2002b validation

study with Eating at America's Table Study sample.

Sample Size(s) n=623 in Thompson FE et al. 2002a validation study; n=1,301 in Eating at

America's Table Study; n=202 men and 260 women in smaller Thompson FE et al.

2002b validation study with Eating at America's Table Study sample.

Mode Self:Paper/pencil.

<u>Documented</u> <u>Description</u>

Other Languages X Spanish

Low-Income X

Low Education Level 4.8% had less than a HS degree in Eating at America's Table Study; 1%

had less than a HS degree in Thompson FE et al. 2002a; 79% had more

than a HS degree in Thompson FE et al. 2002b.

Evidence

Reliability

Internal Validity X Compared to Daily Food Report: r=0.48 for women and r=0.49 for men

for energy for entire instrument compared to four 24-hour recalls; adjusted deattenuated correlations for entire instrument across nutrients range from 0.51 to 0.77 for women and 0.41 to 0.83 for men compared to four 24-hour recalls; r=0.68 for entire instrument for men and 0.54 for

women compared to four 24-hour recalls.

External Validity

Sensitive to Change

Related to Outcome(s)

Other X Cognitive testing indicates instrument is easy to use; HHHG questions

were redesigned based on cognitive think-aloud interviewing and

incorporated into a test-DHQ.

How often did you drink soft drinks, soda, or pop in the summer? (1 time per month or less, 2-3 times per month, 1-2 times per week, 3-4 times per week, 5-6 times per week, 1 time per day, 2-3 times per day, 4-5 times per day, 6 or more times per day)

Preliminary Rank High Instrument NCI Diet History Questionnaire, NCI Food

Propensity Questionnaire added and pilot tested

in NHANES 2003

Administration

Population National, local

Subgroup Tested with Washington DC participants ages 25-70 (64% female, 14% African-

American); tested in Eating at America's Table Study (nationally representative sample, RDD, 20-70 years of age, 79% White, 10% African-American, 51% women); RDD of adults 20-70 years old in Thompson FE et al. 2002b validation

study with Eating at America's Table Study sample.

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America's Table Study; n=202 men and 260 women in smaller Thompson FE et al.

2002b validation study with Eating at America's Table Study sample.

Mode Self:Paper/pencil.

<u>Documented</u> <u>Description</u>

Other Languages X Spanish

Low-Income X

Low Education Level 4.8% had less than a HS degree in Eating at America's Table Study; 1%

had less than a HS degree in Thompson FE et al. 2002a; 79% had more

than a HS degree in Thompson FE et al. 2002b.

Evidence

Reliability

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for energy for entire instrument compared to four 24-hour recalls; adjusted deattenuated correlations for entire instrument across nutrients range from 0.51 to 0.77 for women and 0.41 to 0.83 for men compared to four 24-hour recalls; r=0.68 for entire instrument for men and 0.54 for

women compared to four 24-hour recalls.

External Validity

Sensitive to Change

Related to Outcome(s)

Other X Cognitive testing indicates instrument is easy to use; HHHG questions

were redesigned based on cognitive think-aloud interviewing and

incorporated into a test-DHQ.

How often did you drink soft drinks, soda, or pop during the rest of the year? (1 time per month or less, 2-3 times per month, 1-2 times per week, 3-4 times per week, 5-6 times per week, 1 time per day, 2-3 times per day, 4-5 times per day, 6 or more times per day)

Preliminary Rank High Instrument NCI Diet History Questionnaire, NCI Food

Propensity Questionnaire added and pilot tested

in NHANES 2003

Administration

Population National, local

Subgroup Tested with Washington DC participants ages 25-70 (64% female, 14% African-

American); tested in Eating at America's Table Study (nationally representative sample, RDD, 20-70 years of age, 79% White, 10% African-American, 51% women); RDD of adults 20-70 years old in Thompson FE et al. 2002b validation

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2002b validation study with Eating at America's Table Study sample.

Mode Self:Paper/pencil.

Documented

Other Languages X Spanish

Low-Income X

Low Education Level 4.8% had less than a HS degree in Eating at America's Table Study; 1%

had less than a HS degree in Thompson FE et al. 2002a; 79% had more

Description

than a HS degree in Thompson FE et al. 2002b.

Evidence

Reliability

Internal Validity X Compared to Daily Food Report: r=0.48 for women and r=0.49 for men

for energy for entire instrument compared to four 24-hour recalls; adjusted deattenuated correlations for entire instrument across nutrients range from 0.51 to 0.77 for women and 0.41 to 0.83 for men compared to four 24-hour recalls; r=0.68 for entire instrument for men and 0.54 for

women compared to four 24-hour recalls.

External Validity
Sensitive to Change

Related to Outcome(s)

Other X Cognitive testing indicates instrument is easy to use; HHHG questions

were redesigned based on cognitive think-aloud interviewing and

incorporated into a test-DHQ.

Each time you drank soft drinks, soda, or pop, how much did you usually drink? (less than 12 ounces or less than 1 can or bottle, 12 to 16 ounces or 1 can or bottle, more than 16 ounces or more than 1 can or bottle)

Preliminary Rank High Instrument NCI Diet History Questionnaire, NCI Food

Propensity Questionnaire added and pilot tested

in NHANES 2003

Administration

Population National, local

Subgroup Tested with Washington DC participants ages 25-70 (64% female, 14% African-

American); tested in Eating at America's Table Study (nationally representative sample, RDD, 20-70 years of age, 79% White, 10% African-American, 51% women); RDD of adults 20-70 years old in Thompson FE et al. 2002b validation

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America's Table Study; n=202 men and 260 women in smaller Thompson FE et al.

2002b validation study with Eating at America's Table Study sample.

Mode Self:Paper/pencil.

<u>Documented</u> <u>Description</u>

Other Languages X Spanish

Low-Income X

Low Education Level 4.8% had less than a HS degree in Eating at America's Table Study; 1%

had less than a HS degree in Thompson FE et al. 2002a; 79% had more

than a HS degree in Thompson FE et al. 2002b.

Evidence

Reliability

Internal Validity X Compared to Daily Food Report: r=0.48 for women and r=0.49 for men

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women compared to four 24-hour recalls.

External Validity

Sensitive to Change

Related to Outcome(s)

Other X Cognitive testing indicates instrument is easy to use; HHHG questions

were redesigned based on cognitive think-aloud interviewing and

incorporated into a test-DHQ.