

Supplemental Methods

Identification of outliers in (or questionable entries from) the 24-hr consumption in ABA-BSW

Since ABA-BSW was an online questionnaire and therefore by design did not allow for immediate or in-person confirmation of the reported information (i.e., it was not an AMPM approach), respondents were excluded from the current study if their reported intakes were deemed unreliable as compared to the distribution of the consumption patterns observed from the NHANES 2017-2018 day 1 dietary recall. The total daily intake of the 13 beverage types in NHANES ranged from 16 mL to 12728 mL when excluding tap water and 60 mL to 15696 mL when including tap water. There were no more than six COs for any beverage during any of the six time intervals. Since ABA-BSW included a larger number of participants than in the NHANES subsample of participants ages 13-64 y, it is possible that both lower and higher total daily intakes and number of COs per time interval could be observed in ABA-BSW as compared to the minimums and maximums observed in NHANES. Therefore, ABA-BSW survey participants whose total daily beverage amount (excluding tap water) exceeded 16000 mL or who had more than 10 COs during any time interval were identified as having potentially unreliable dietary recalls and were excluded from the current analysis. Less than 1% (n=158) of the 20,711 participants were excluded due to: exceedance of total daily volume (n=12), exceedance of COs/interval (n=122), and exceedance of both (n=24). The final ABA-BSW survey sample used for the current analysis was therefore 20,553.

Supplemental Table S1. Full list of NHANES eight-digit food codes mapped to thirteen Beverage Types

<u>Beverage Type</u>	<u>NHANES Food Code (8-digit and Name)</u>
Bottled water	92410210 Carbonated water, unsweetened
	94100100 Water, bottled, unsweetened
Carbonated Soft drink	92400000 Soft drink, NFS
	92400100 Soft drink, NFS, diet

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	92410310 Soft drink, cola
	92410315 Soft drink, cola, reduced sugar
	92410320 Soft drink, cola, diet
	92410330 Soft drink, cola-type, with higher caffeine
	92410340 Soft drink, cola, decaffeinated
	92410350 Soft drink, cola, decaffeinated, diet
	92410360 Soft drink, pepper type
	92410370 Soft drink, pepper type, diet
	92410390 Soft drink, pepper type, decaffeinated
	92410400 Soft drink, pepper type, decaffeinated, diet
	92410410 Soft drink, cream soda
	92410420 Soft drink, cream soda, diet
	92410510 Soft drink, fruit flavored, caffeine free
	92410520 Soft drink, fruit flavored, diet, caffeine free
	92410550 Soft drink, fruit flavored, caffeine containing
	92410560 Soft drink, fruit flavored, caffeine containing, diet
	92410610 Soft drink, ginger ale
	92410620 Soft drink, ginger ale, diet
	92410710 Soft drink, root beer
	92410720 Soft drink, root beer, diet
	92410810 Soft drink, chocolate flavored
	92410820 Soft drink, chocolate flavored, diet
	92411510 Soft drink, cola, fruit or vanilla flavored
	92411610 Soft drink, cola, fruit or vanilla flavored, diet
	92416010 Mavi drink
	92417010 Soft drink, ale type
	92431000 Carbonated juice drink, NS as to type of juice
	92432000 Fruit juice drink, citrus, carbonated
	92433000 Fruit juice drink, non citrus, carbonated
Coffee	11561000 Cafe con leche
	11561010 Cafe con leche prepared with sugar
	92100000 Coffee, NS as to type
	92100500 Coffee, NS as to brewed or instant
	92101000 Coffee, brewed
	92101500 Coffee, brewed, blend of regular and decaffeinated
	92101600 Coffee, Turkish
	92101610 Coffee, espresso
	92101630 Coffee, espresso, decaffeinated
	92101700 Coffee, brewed, flavored
	92101800 Coffee, Cuban
	92101810 Coffee, macchiato
	92101820 Coffee, macchiato, sweetened

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92101850	Coffee, cafe con leche
92101851	Coffee, cafe con leche, decaffeinated
92101900	Coffee, Latte
92101901	Coffee, Latte, nonfat
92101903	Coffee, Latte, with non-dairy milk
92101904	Coffee, Latte, flavored
92101905	Coffee, Latte, nonfat, flavored
92101906	Coffee, Latte, with non-dairy milk, flavored
92101910	Coffee, Latte, decaffeinated
92101911	Coffee, Latte, decaffeinated, nonfat
92101917	Coffee, Latte, decaffeinated, flavored
92101918	Coffee, Latte, decaffeinated, nonfat, flavored
92101920	Frozen coffee drink
92101921	Frozen coffee drink, nonfat
92101923	Frozen coffee drink, with non-dairy milk
92101925	Frozen coffee drink, with whipped cream
92101926	Frozen coffee drink, nonfat, with whipped cream
92101930	Frozen coffee drink, decaffeinated
92101931	Frozen coffee drink, decaffeinated, nonfat
92101935	Frozen coffee drink, decaffeinated, with whipped cream
92101936	Frozen coffee drink, decaffeinated, nonfat, with whipped cream
92101950	Coffee, Cafe Mocha
92101955	Coffee, Cafe Mocha, nonfat
92101960	Coffee, Cafe Mocha, with non-dairy milk
92101965	Coffee, Cafe Mocha, decaffeinated
92101970	Coffee, Cafe Mocha, decaffeinated, nonfat
92101975	Coffee, Cafe Mocha, decaffeinated, with non-dairy milk
92102000	Frozen mocha coffee drink
92102010	Frozen mocha coffee drink, nonfat
92102020	Frozen mocha coffee drink, with non-dairy milk
92102030	Frozen mocha coffee drink, with whipped cream
92102040	Frozen mocha coffee drink, nonfat, with whipped cream
92102050	Frozen mocha coffee drink, with non-dairy milk and whipped cream
92102090	Frozen mocha coffee drink, decaffeinated, with whipped cream
92102400	Iced Coffee, brewed
92102401	Iced Coffee, brewed, decaffeinated
92102450	Iced Coffee, pre-lightened and pre-sweetened
92102500	Coffee, Iced Latte
92102501	Coffee, Iced Latte, nonfat
92102502	Coffee, Iced Latte, with non-dairy milk
92102503	Coffee, Iced Latte, flavored
92102505	Coffee, Iced Latte, with non-dairy milk, flavored

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92102600	Coffee, Iced Cafe Mocha
92102602	Coffee, Iced Cafe Mocha, with non-dairy milk
92103000	Coffee, instant, reconstituted
92104000	Coffee, instant, 50% less caffeine, reconstituted
92105010	Coffee, made from liquid concentrate
92106000	Coffee, acid neutralized, from powdered instant
92111000	Coffee, NS as to brewed or instant, decaffeinated
92111010	Coffee, brewed, decaffeinated
92114000	Coffee, instant, decaffeinated, reconstituted
92121000	Coffee, instant, pre-lightened and pre-sweetened with sugar, reconstituted
92121001	Coffee, instant, decaffeinated, pre-lightened and pre-sweetened with sugar, reconstituted
92121010	Coffee, instant, pre-sweetened with sugar, reconstituted
92121020	Coffee, mocha, instant, pre-lightened and pre-sweetened with sugar, reconstituted
92121030	Coffee, mocha, instant, pre-lightened and pre-sweetened with low calorie sweetener, reconstituted
92121040	Coffee, instant, pre-lightened and pre-sweetened with low calorie sweetener, reconstituted
92121041	Coffee, instant, decaffeinated, pre-lightened and pre-sweetened with low calorie sweetener, reconstituted
92121050	Coffee, mocha, instant, decaffeinated, pre-lightened and pre-sweetened with low calorie sweetener, reconstituted
92130000	Coffee, pre-lightened and pre-sweetened with sugar
92130001	Coffee, decaffeinated, pre-lightened and pre-sweetened with sugar
92130005	Coffee, pre-lightened and pre-sweetened with low calorie sweetener
92130006	Coffee, decaffeinated, pre-lightened and pre-sweetened with low calorie sweetener
92130010	Coffee, pre-lightened
92130011	Coffee, decaffeinated, pre-lightened
92130020	Coffee, pre-sweetened with sugar
92130021	Coffee, decaffeinated, pre-sweetened with sugar
92130030	Coffee, pre-sweetened with low calorie sweetener
92130031	Coffee, decaffeinated, pre-sweetened with low calorie sweetener
92152000	Coffee and chicory, brewed
92153100	Coffee, decaffeinated, with cereal
92161000	Coffee, Cappuccino
92161001	Coffee, Cappuccino, nonfat
92161002	Coffee, Cappuccino, with non-dairy milk
92161005	Cappuccino, sweetened
92162000	Coffee, Cappuccino, decaffeinated
92162001	Coffee, Cappuccino, decaffeinated, nonfat
92162005	Cappuccino, decaffeinated, sweetened

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	92171000 Coffee, bottled/canned
	92171010 Coffee, bottled/canned, light
	92191000 Coffee, dry instant powder, NS as to regular or decaffeinated
	92191100 Coffee, instant, not reconstituted
	92191200 Coffee, instant, decaffeinated, not reconstituted
	92191250 Coffee, dry, acid neutralized
	92191400 Coffee, instant, pre-sweetened with sugar, not reconstituted
	92192000 Coffee, mocha, instant, pre-lightened and pre-sweetened with sugar, not reconstituted
	92192040 Coffee, mocha, instant, decaffeinated, pre-lightened and pre-sweetened with low calorie sweetener, not reconstituted
	92193000 Coffee, instant, pre-lightened and pre-sweetened with sugar, not reconstituted
	92193005 Coffee, instant, decaffeinated, pre-lightened and pre-sweetened with sugar, not reconstituted
	92193020 Coffee, instant, pre-lightened and pre-sweetened with low calorie sweetener, not reconstituted
Dairy-Based Drinks	11115400 Kefir, NS as to fat content
	11436000 Yogurt, liquid
	11511000 Chocolate milk, NFS
	11511100 Chocolate milk, ready to drink, whole
	11511200 Chocolate milk, ready to drink, reduced fat
	11511300 Chocolate milk, ready to drink, fat free
	11511400 Chocolate milk, ready to drink, low fat
	11511550 Chocolate milk, ready to drink, reduced sugar, NS as to milk
	11511600 Chocolate milk, ready to drink, low fat (Nesquik)
	11511610 Chocolate milk, ready to drink, fat free (Nesquik)
	11511700 Chocolate milk, ready to drink, low fat, no sugar added (Nesquik)
	11512000 Cocoa, hot chocolate, not from dry mix, made with whole milk
	11512010 Hot chocolate / Cocoa, ready to drink
	11512020 Hot chocolate / Cocoa, ready to drink, made with nonfat milk
	11512100 Hot chocolate / Cocoa, ready to drink, with whipped cream
	11512110 Hot chocolate / Cocoa, ready to drink, made with nonfat milk and whipped cream
	11512500 Hot chocolate, Puerto Rican style, made with whole milk
	11512510 Hot chocolate, Puerto Rican style, made with low fat milk
	11513000 Chocolate milk, made from dry mix, NS as to type of milk
	11513100 Chocolate milk, made from dry mix with whole milk
	11513150 Chocolate milk, made from dry mix with reduced fat milk
	11513200 Chocolate milk, made from dry mix with low fat milk
	11513300 Chocolate milk, made from dry mix with fat free milk
	11513355 Chocolate milk, made from reduced sugar mix with whole milk
	11513360 Chocolate milk, made from reduced sugar mix with reduced fat milk

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11513365	Chocolate milk, made from reduced sugar mix with low fat milk
11513380	Chocolate milk, made from dry mix, NS as to type of milk (Nesquik)
11513381	Chocolate milk, made from dry mix with whole milk (Nesquik)
11513382	Chocolate milk, made from dry mix with reduced fat milk (Nesquik)
11513383	Chocolate milk, made from dry mix with low fat milk (Nesquik)
11513384	Chocolate milk, made from dry mix with fat free milk (Nesquik)
11513391	Chocolate milk, made from no sugar added dry mix with whole milk (Nesquik)
11513392	Chocolate milk, made from no sugar added dry mix with reduced fat milk (Nesquik)
11513393	Chocolate milk, made from no sugar added dry mix with low fat milk (Nesquik)
11513394	Chocolate milk, made from no sugar added dry mix with fat free milk (Nesquik)
11513400	Chocolate milk, made from syrup, NS as to type of milk
11513500	Chocolate milk, made from syrup with whole milk
11513550	Chocolate milk, made from syrup with reduced fat milk
11513600	Chocolate milk, made from syrup with low fat milk
11513700	Chocolate milk, made from syrup with fat free milk
11513801	Chocolate milk, made from light syrup with whole milk
11513802	Chocolate milk, made from light syrup with reduced fat milk
11513803	Chocolate milk, made from light syrup with low fat milk
11513804	Chocolate milk, made from light syrup with fat free milk
11513851	Chocolate milk, made from sugar free syrup with whole milk
11513853	Chocolate milk, made from sugar free syrup with low fat milk
11514100	Hot chocolate / Cocoa, made with dry mix and water
11514110	Hot chocolate / Cocoa, made with dry mix and whole milk
11514120	Hot chocolate / Cocoa, made with dry mix and reduced fat milk
11514130	Hot chocolate / Cocoa, made with dry mix and low fat milk
11514140	Hot chocolate / Cocoa, made with dry mix and fat free milk
11514300	Cocoa with nonfat dry milk and low calorie sweetener, mixture, water added
11514310	Hot chocolate / Cocoa, made with no sugar added dry mix and water
11514320	Hot chocolate / Cocoa, made with no sugar added dry mix and whole milk
11514330	Hot chocolate / Cocoa, made with no sugar added dry mix and reduced fat milk
11514340	Hot chocolate / Cocoa, made with no sugar added dry mix and low fat milk
11514350	Hot chocolate / Cocoa, made with no sugar added dry mix and fat free milk
11514500	Cocoa, whey, and low calorie sweetener, mixture, fortified, water added
11516000	Cocoa, whey, and low-calorie sweetener mixture, low fat milk added
11518000	Milk beverage with nonfat dry milk and low calorie sweetener, water added, chocolate
11519000	Milk beverage, made with whole milk, flavors other than chocolate

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	11519040 Strawberry milk, NFS
	11519050 Strawberry milk, whole
	11519105 Strawberry milk, reduced fat
	11519200 Strawberry milk, low fat
	11519205 Strawberry milk, fat free
	11519210 Strawberry milk, reduced sugar
	11520000 Milk, malted, unfortified, NS as to flavor, made with milk
	11521000 Milk, malted, unfortified, chocolate, made with milk
	11522000 Milk, malted, unfortified, natural flavor, made with milk
	11525000 Milk, malted, natural flavor, made with milk
	11526000 Milk, malted
	11527000 Milk, malted, fortified, NS as to flavor, made with milk
	11531000 Eggnog, regular
	11531500 Eggnog, low fat / light
	11543000 Milk shake, bottled, chocolate
	11543010 Milk shake, bottled, flavors other than chocolate
	11551050 Licuado or Batido
	11553000 Fruit smoothie drink, made with fruit or fruit juice and dairy products
	11553100 Fruit smoothie, NFS
	11553110 Fruit smoothie, with whole fruit and dairy
	11553120 Fruit smoothie, with whole fruit and dairy, added protein
	11553130 Fruit smoothie juice drink, with dairy
	11560000 Chocolate milk drink
	11560020 Flavored milk drink, whey- and milk-based, flavors other than chocolate
	64134100 Fruit smoothie, light
	78101110 Fruit and vegetable smoothie, added protein
Energy Drinks	92650000 Red Bull Energy Drink
	92650005 Red Bull Energy Drink, sugar-free
	92650100 Full Throttle Energy Drink
	92650200 Monster Energy Drink
	92650205 Mountain Dew AMP Energy Drink
	92650210 Mountain Dew AMP Energy Drink, sugar-free
	92650700 Rockstar Energy Drink
	92650705 Rockstar Energy Drink, sugar-free
	92650800 Vault Energy Drink
	92650805 Vault Zero Energy drink
	92651000 Energy drink
	95310200 Energy drink (Full Throttle)
	95310400 Energy drink (Monster)
	95310500 Energy drink (Mountain Dew AMP)
	95310560 Energy drink (NOS)
	95310600 Energy drink (Red Bull)

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	95310700 Energy drink (Rockstar)
	95310750 Energy drink (SoBe Energize Energy Juice Drink)
	95310800 Energy drink (Vault)
	95311000 Energy Drink
	95312400 Energy drink, low calorie (Monster)
	95312410 Energy drink, sugar free (Monster)
	95312500 Energy drink, sugar free (Mountain Dew AMP)
	95312550 Energy drink, sugar free (No Fear)
	95312560 Energy drink (Ocean Spray Cran-Energy Juice Drink)
	95312600 Energy drink, sugar-free (Red Bull)
	95312700 Energy drink, sugar free (Rockstar)
	95312800 Energy drink, sugar free (Vault)
	95312900 Energy drink (XS)
	95313200 Energy drink, sugar free
Flavored Water	92410110 Carbonated water, sweetened
	92410250 Carbonated water, sweetened, with low-calorie or no-calorie sweetener
	94100200 Water, bottled, sweetened, with low calorie sweetener
	94100300 Water, bottled, flavored (Capri Sun Roarin' Waters)
	94210100 Water, bottled, flavored (Propel Water)
	94210200 Water, bottled, flavored (Glaceau Vitamin Water)
	94210300 Water, bottled, flavored (SoBe Life Water)
	94220100 Propel Zero Water
	94220200 Glaceau Water, low calorie
	94220215 Water, bottled, flavored, sugar free (Glaceau Vitamin Water)
	94220310 Water, bottled, flavored, sugar free (SoBe)
Nutritional Beverages	11611000 Instant breakfast, fluid, canned
	11612000 Instant breakfast, powder, milk added
	11613000 Instant breakfast, powder, sweetened with low calorie sweetener, milk added
	11623000 Meal supplement or replacement, commercially prepared, ready-to-drink
	11631000 High calorie beverage, canned or powdered, reconstituted
	11641000 Meal supplement or replacement, milk-based, high protein, liquid
	11641020 Meal replacement or supplement, milk based, ready-to-drink
	11830800 Instant breakfast, powder, not reconstituted
	11830810 Instant breakfast, powder, sweetened with low calorie sweetener, not reconstituted
	11830900 Protein supplement, milk-based, powdered, not reconstituted
	11830940 Meal replacement, high protein, milk based, fruit juice mixable formula, powdered, not reconstituted
	11830970 Meal replacement, protein type, milk-based, powdered, not reconstituted
	11830990 Nutrient supplement, milk-based, powdered, not reconstituted
	11831500 Nutrient supplement, milk-based, high protein, powdered, not reconstituted

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11832000	Meal replacement, protein type, milk- and soy-based, powdered, not reconstituted
11835100	Meal replacement, Amway's Nutrilite brand Positrim Drink Mix, powdered nonfat dry milk-based, dry, not reconstituted
11836000	Protein supplement, milk-based, Muscle Milk, powdered, not reconstituted
11836100	Protein supplement, milk-based, Muscle Milk Light, powdered, not reconstituted
41430000	Protein powder, NFS
41430010	Protein supplement, powdered
41430200	Meal replacement or supplement, soy- and milk-base, powder, reconstituted with water
41430310	Protein diet powder with soy and casein
41436000	Nutritional supplement for people with diabetes, liquid
41440010	Ensure liquid nutrition
41440020	Ensure with fiber, liquid
41440050	Ensure Plus liquid nutrition
41440100	Meal replacement or supplement, liquid, soy-based
95101000	Nutritional drink or shake, ready-to-drink (Boost)
95101010	Nutritional drink or shake, ready-to-drink (Boost Plus)
95102000	Nutritional drink or shake, ready-to-drink (Carnation Instant Breakfast)
95103000	Nutritional drink or shake, ready-to-drink (Ensure)
95103010	Nutritional drink or shake, ready-to-drink (Ensure Plus)
95104000	Nutritional drink or shake, ready-to-drink, sugar free (Glucerna)
95105000	Nutritional drink or shake, ready-to-drink (Kellogg's Special K Protein)
95106000	Nutritional drink or shake, ready-to-drink (Muscle Milk)
95106010	Nutritional drink or shake, ready-to-drink, light (Muscle Milk)
95110000	Nutritional drink or shake, ready-to-drink (Slim Fast)
95110010	Nutritional drink or shake, ready-to-drink, sugar free (Slim Fast)
95110020	Nutritional drink or shake, high protein, ready-to-drink (Slim Fast)
95120000	Nutritional drink or shake, ready-to-drink, NFS
95120010	Nutritional drink or shake, high protein, ready-to-drink, NFS
95120020	Nutritional drink or shake, high protein, light, ready-to-drink, NFS
95120050	Nutritional drink or shake, liquid, soy-based
95201000	Nutritional powder mix (Carnation Instant Breakfast)
95201010	Nutritional powder mix, sugar free (Carnation Instant Breakfast)
95201200	Nutritional powder mix (EAS Whey Protein Powder)
95201300	Nutritional powder mix (EAS Soy Protein Powder)
95201500	Nutritional powder mix, high protein (Herbalife)
95201600	Nutritional powder mix (Isopure)
95201700	Nutritional powder mix (Kellogg's Special K20 Protein Water)
95202000	Nutritional powder mix (Muscle Milk)
95202010	Nutritional powder mix, light (Muscle Milk)
95210000	Nutritional powder mix (Slim Fast)

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	95210020 Nutritional powder mix, high protein (Slim Fast)
	95220000 Nutritional powder mix, NFS
	95220010 Nutritional powder mix, high protein, NFS
	95230000 Nutritional powder mix, whey based, NFS
	95230010 Nutritional powder mix, protein, soy based, NFS
	95230020 Nutritional powder mix, protein, light, NFS
	95230030 Nutritional powder mix, protein, NFS
Plain Milk consumed as a beverage	11100000 Milk, NFS
	11111000 Milk, whole
	11111100 Milk, low sodium, whole
	11111150 Milk, calcium fortified, whole
	11111160 Milk, calcium fortified, low fat (1%)
	11111170 Milk, calcium fortified, fat free (skim)
	11112000 Milk, cow's, fluid, other than whole, NS as to 2%, 1%, or skim (formerly milk, cow's, fluid, "low fat", NS as to percent fat)
	11112110 Milk, reduced fat (2%)
	11112120 Milk, acidophilus, low fat (1%)
	11112130 Milk, acidophilus, reduced fat (2%)
	11112210 Milk, low fat (1%)
	11113000 Milk, fat free (skim)
	11114300 Milk, lactose free, low fat (1%)
	11114320 Milk, lactose free, fat free (skim)
	11114330 Milk, lactose free, reduced fat (2%)
	11114350 Milk, lactose free, whole
	11116000 Goat's milk, whole
Plant-Based Drinks	11310000 Milk, imitation, fluid, soy based
	11320000 Soy milk
	11320100 Soy milk, light
	11320200 Soy milk, nonfat
	11321000 Soy milk, chocolate
	11321100 Soy milk, light, chocolate
	11321200 Soy milk, nonfat, chocolate
	11330000 Milk, soy, dry, reconstituted, not baby's
	11340000 Imitation milk, non-soy, sweetened
	11350000 Almond milk, sweetened
	11350010 Almond milk, sweetened, chocolate
	11350020 Almond milk, unsweetened
	11350030 Almond milk, unsweetened, chocolate
	11360000 Rice milk
	11370000 Coconut milk
	11512030 Hot chocolate / Cocoa, ready to drink, made with non-dairy milk

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	11512120 Hot chocolate / Cocoa, ready to drink, made with non-dairy milk and whipped cream
	11513310 Chocolate milk, made from dry mix with non-dairy milk
	11513395 Chocolate milk, made from no sugar added dry mix with non-dairy milk (Nesquik)
	11513750 Chocolate milk, made from syrup with non-dairy milk
	11513805 Chocolate milk, made from light syrup with non-dairy milk
	11514150 Hot chocolate / Cocoa, made with dry mix and non-dairy milk
	11514360 Hot chocolate / Cocoa, made with no sugar added dry mix and non-dairy milk
	11519215 Strawberry milk, non-dairy
	92205000 Rice beverage
Plant water	42403010 Coconut water, unsweetened
	42404010 Coconut water, sweetened
Sports Drinks	92553000 Fruit-flavored thirst quencher beverage, low calorie
	92560000 Fruit-flavored thirst quencher beverage
	92560100 Gatorade Thirst Quencher sports drink
	92560200 Powerade sports drink
	92565000 Fruit-flavored sports drink or thirst quencher beverage, low calorie
	92565100 Gatorade G2 thirst quencher sports drink, low calorie
	92565200 Powerade Zero sports drink, low calorie
	95320200 Sports drink (Gatorade G)
	95320500 Sports drink (Powerade)
	95321000 Sports drink, NFS
	95322200 Sports drink, low calorie (Gatorade G2)
	95322500 Sports drink, low calorie (Powerade Zero)
	95323000 Sports drink, low calorie
Still Juices and Fruit-Flavored Drinks	28401200 Gelatin drink, powder, flavored, with low-calorie sweetener, reconstituted
	61201010 Grapefruit juice, 100%, freshly squeezed
	61201020 Grapefruit juice, 100%, NS as to form
	61201220 Grapefruit juice, 100%, canned, bottled or in a carton
	61201225 Grapefruit juice, 100%, with calcium added
	61201620 Grapefruit juice, 100%, frozen, reconstituted
	61210000 Orange juice, 100%, NFS
	61210010 Orange juice, 100%, freshly squeezed
	61210220 Orange juice, 100%, canned, bottled or in a carton
	61210230 Orange juice, canned, bottled or in a carton, with sugar
	61210250 Orange juice, 100%, with calcium added, canned, bottled or in a carton
	61210620 Orange juice, 100%, frozen, reconstituted
	61210630 Orange juice, frozen, with sugar (reconstituted with water)
	61210820 Orange juice, 100%, with calcium added, frozen, reconstituted
	61213000 Tangerine juice, NFS
	61213220 Tangerine juice, 100%

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61213620	Tangerine juice, frozen (reconstituted with water)
61213800	Fruit juice blend, citrus, 100% juice
61213900	Fruit juice blend, citrus, 100% juice, with calcium added
64100100	Fruit juice, NFS
64100110	Fruit juice blend, 100% juice
64100200	Cranberry juice blend, 100% juice
64100220	Cranberry juice blend, 100% juice, with calcium added
64101010	Apple cider
64104010	Apple juice, 100%
64104030	Apple juice, 100%, with calcium added
64104600	Blackberry juice, 100%
64104610	Blueberry juice
64105400	Cranberry juice, 100%, not a blend
64116020	Grape juice, 100%
64116060	Grape juice, 100%, with calcium added
64120010	Papaya juice, 100%
64121000	Passion fruit juice, 100%
64124020	Pineapple juice, 100%
64126000	Pomegranate juice, 100%
64132010	Prune juice, 100%
64132500	Strawberry juice, 100%
64133100	Watermelon juice, 100%
64134000	Fruit smoothie drink, made with fruit or fruit juice only (no dairy products)
64134015	Fruit smoothie, with whole fruit, no dairy
64134020	Fruit smoothie, with whole fruit, no dairy, added protein
64134025	Fruit smoothie, with whole fruit, non-dairy
64134030	Fruit smoothie juice drink, no dairy
64134200	Fruit smoothie, bottled
64200100	Fruit nectar, NFS
64201010	Apricot nectar
64201500	Banana nectar
64202010	Cantaloupe nectar
64203020	Guava nectar
64204010	Mango nectar
64205010	Peach nectar
64210010	Papaya nectar
64213010	Passion fruit nectar
64215010	Pear nectar
64221010	Soursop, nectar
73105000	Beet juice
73105010	Carrot juice, 100%
74301100	Tomato juice, 100%

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74301150	Tomato juice, 100%, low sodium
74302000	Tomato juice cocktail
74303000	Tomato and vegetable juice, 100%
74303100	Tomato and vegetable juice, 100%, low sodium
74304000	Tomato juice with clam or beef juice
75132000	Mixed vegetable juice
75132100	Celery juice
75200700	Aloe vera juice drink
78101000	Vegetable and fruit juice, 100% juice, with high vitamin C
78101100	Fruit and vegetable smoothie
78101115	Fruit and vegetable smoothie, non-dairy
78101118	Fruit and vegetable smoothie, non-dairy, added protein
78101120	Fruit and vegetable smoothie, bottled
78101125	Fruit and vegetable smoothie, no dairy
78101130	Vegetable smoothie
92510120	Apple-cherry drink
92510150	Apple juice drink
92510170	Apple-cranberry-grape juice drink
92510200	Apple-orange-pineapple juice drink
92510310	Banana-orange drink
92510410	Black cherry drink
92510610	Fruit juice drink
92510630	Fruit juice drink, NFS
92510650	Tamarind drink
92510810	Grapeade and grape drink
92510820	Grape juice drink
92510910	Grapefruit juice drink
92510950	Guava juice drink
92510955	Lemonade, fruit juice drink
92510960	Lemonade, fruit-flavored drink
92511010	Fruit-flavored drink (formerly lemonade)
92511015	Fruit-flavored drink
92511020	Lemon-limeade
92511110	Limeade
92511190	Orange Juice Drink
92511200	Orange-mango juice drink
92511220	Orange drink
92511240	Orange-lemon drink
92511250	Fruit juice beverage, 40-50% juice, citrus
92511260	Orange-cranberry juice drink
92511270	Orange-peach juice drink
92511280	Orange-grape-banana juice drink

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92511290	Papaya juice drink
92511310	Pineapple-grapefruit juice drink
92511340	Pineapple-orange juice drink
92511350	Orange-raspberry juice drink
92511400	Raspberry-flavored drink
92511510	Strawberry-flavored drink
92512050	Frozen daiquiri mix, from frozen concentrate, reconstituted
92513000	Fruit-flavored smoothie drink, frozen, no dairy
92513010	Fruit-flavored smoothie drink, frozen, light, no dairy
92520410	Fruit drink, low calorie
92520810	Grape drink, low calorie
92520910	Lemonade, low calorie
92530310	Cherry drink with vitamin C added
92530410	Fruit-flavored drink, with high vitamin C
92530510	Cranberry juice drink, with high vitamin C
92530520	Cranberry-apple juice drink with vitamin C added
92530610	Fruit juice drink, with high vitamin C
92530710	Grape drink with vitamin C added
92530810	Grapefruit juice drink with vitamin C added
92530840	Guava juice drink with vitamin C added
92530910	Lemonade with vitamin C added
92530950	Vegetable and fruit juice drink, with high vitamin C
92531010	Orange drink and orangeade with vitamin C added
92531020	Orange breakfast drink, made from frozen concentrate
92531030	Fruit juice drink (Sunny D)
92531120	Pineapple-orange juice drink with vitamin C added
92531210	Strawberry-flavored drink with vitamin C added
92541010	Fruit-flavored drink, powdered, reconstituted
92541020	Lemonade-flavored drink, made from powdered mix, with sugar
92541040	Lemonade-flavored drink, made from powdered mix, low calorie
92541100	Apple cider-flavored drink, made from powdered mix, with sugar and vitamin C added
92542000	Fruit-flavored drink, with high vitamin C, powdered, reconstituted
92544000	Fruit-flavored drink, made from unsweetened powdered mix (fortified with vitamin C), with sugar added in preparation
92550030	Fruit juice drink, with high vitamin C, light
92550035	Fruit juice drink, light
92550040	Fruit juice drink, diet
92550050	Apple-white grape juice drink, low calorie, with vitamin C added
92550110	Cranberry juice drink, with high vitamin C, light
92550200	Grape juice drink, light
92550210	Cranberry-apple juice drink, low calorie, with vitamin C added

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	92550300 Grapefruit juice drink, low calorie, with vitamin C added
	92550350 Orange juice beverage, 40-50% juice, light
	92550360 Apple juice beverage, 40-50% juice, light
	92550370 Lemonade, fruit juice drink, light
	92550380 Pomegranate juice beverage, 40-50% juice, light
	92550400 Vegetable and fruit juice drink, with high vitamin C, diet
	92550405 Vegetable and fruit juice drink, with high vitamin C, light
	92550610 Fruit-flavored drink, with high vitamin C, diet
	92550620 Fruit-flavored drink, diet
	92551600 Citrus Juice Drink, Low Calorie
	92551700 Juice drink, low calorie
	92552000 Fruit-flavored drink, with high vitamin C, powdered, reconstituted, diet
	92552010 Fruit-flavored drink, powdered, reconstituted, diet
	92552020 Fruit juice drink, reduced sugar (Sunny D)
	92552030 Fruit juice drink (Capri Sun)
	92552050 Orange Breakfast Drink, Low Calorie
	92552100 Orange-cranberry juice drink, low calorie, with vitamin C added
	92582100 Fruit juice drink, with high vitamin C, plus added calcium
	92582110 Fruit juice drink, added calcium (Sunny D)
	92582120 Fruit-flavored drink, reduced sugar, with high vitamin C, plus added calcium
	92731000 Fruit-flavored drink, non-carbonated, made from powdered mix, with sugar
	92741000 Fruit-flavored drink, non-carbonated, made from low calorie powdered mix
	95341000 FUZE Slenderize fortified low calorie fruit juice beverage
	95342000 Fruit juice, acai blend
Tap water	94000100 Water, tap
Tea	92204000 Mate, sweetened beverage made from dried green leaves
	92301000 Tea, NS as to type, unsweetened
	92301060 Tea, NS as to type, presweetened with sugar
	92301080 Tea, NS as to type, presweetened with low calorie sweetener
	92301100 Tea, NS as to type, decaffeinated, unsweetened
	92301130 Tea, NS as to type, presweetened, NS as to sweetener
	92301160 Tea, NS as to type, decaffeinated, presweetened with sugar
	92301180 Tea, NS as to type, decaffeinated, presweetened with low calorie sweetener
	92301190 Tea, NS as to type, decaffeinated, presweetened, NS as to sweetener
	92302000 Tea, hot, leaf, black
	92302200 Tea, leaf, presweetened with sugar
	92302300 Tea, leaf, presweetened with low calorie sweetener
	92302400 Tea, leaf, presweetened, NS as to sweetener
	92302500 Tea, hot, leaf, black, decaffeinated
	92302600 Tea, leaf, decaffeinated, presweetened with sugar
	92302700 Tea, leaf, decaffeinated, presweetened with low calorie sweetener

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92302800	Tea, leaf, decaffeinated, presweetened, NS as to sweetener
92303010	Tea, hot, leaf, green
92303100	Tea, hot, leaf, green, decaffeinated
92304000	Tea, made from frozen concentrate, unsweetened
92304100	Tea, hot, leaf, oolong
92305000	Tea, made from powdered instant, presweetened, NS as to sweetener
92305010	Tea, iced, instant, black, unsweetened
92305040	Tea, iced, instant, black, pre-sweetened with sugar
92305050	Tea, iced, instant, black, decaffeinated, pre-sweetened with sugar
92305090	Tea, iced, instant, black, pre-sweetened with low calorie sweetener
92305110	Tea, iced, instant, black, decaffeinated, pre-sweetened with low calorie sweetener
92305180	Tea, iced, instant, black, decaffeinated, unsweetened
92305800	Tea, made from powdered instant, decaffeinated, presweetened, NS as to sweetener
92305900	Tea, iced, instant, green, unsweetened
92305910	Tea, iced, instant, green, pre-sweetened with sugar
92305920	Tea, iced, instant, green, pre-sweetened with low calorie sweetener
92306000	Tea, hot, herbal
92306020	Tea, herbal, presweetened with sugar
92306030	Tea, herbal, presweetened with low calorie sweetener
92306040	Tea, herbal, presweetened, NS as to sweetener
92306090	Tea, hot, hibiscus
92306700	Tea, hot, chamomile
92306800	Tea, hot, chai, with milk
92307000	Tea, iced, instant, black, unsweetened, dry
92307400	Tea, iced, instant, black, pre-sweetened, dry
92307500	Iced Tea / Lemonade juice drink
92307510	Iced Tea / Lemonade juice drink, light
92307520	Iced Tea / Lemonade juice drink, diet
92308000	Tea, iced, brewed, black, pre-sweetened with sugar
92308010	Tea, iced, brewed, black, pre-sweetened with low calorie sweetener
92308020	Tea, iced, brewed, black, unsweetened
92308030	Tea, iced, brewed, black, decaffeinated, pre-sweetened with sugar
92308040	Tea, iced, brewed, black, decaffeinated, pre-sweetened with low calorie sweetener
92308050	Tea, iced, brewed, black, decaffeinated, unsweetened
92308500	Tea, iced, brewed, green, pre-sweetened with sugar
92308510	Tea, iced, brewed, green, pre-sweetened with low calorie sweetener
92308520	Tea, iced, brewed, green, unsweetened
92308530	Tea, iced, brewed, green, decaffeinated, pre-sweetened with sugar
92308540	Tea, iced, brewed, green, decaffeinated, pre-sweetened with low calorie sweetener

Xiaoyu Bi -- Beverage consumption patterns among U.S. adolescents and adults from a 24-hour dietary recall survey conducted in 2021 compared to the National Health and Nutrition Examination Survey (NHANES) 2017-2018

	92308550 Tea, iced, brewed, green, decaffeinated, unsweetened
	92309000 Tea, iced, bottled, black
	92309010 Tea, iced, bottled, black, decaffeinated
	92309020 Tea, iced, bottled, black, diet
	92309030 Tea, iced, bottled, black, decaffeinated, diet
	92309040 Tea, iced, bottled, black, unsweetened
	92309050 Tea, iced, bottled, black, decaffeinated, unsweetened
	92309500 Tea, iced, bottled, green
	92309510 Tea, iced, bottled, green, diet
	92309520 Tea, iced, bottled, green, unsweetened

Note: Codes in powdered form were converted to reconstituted/prepared amount.

Supplemental Table S2. Consumers and daily intakes (mL) for all beverage types combined and by beverage type among subgroups 13-19 y, 20-49 y, and 50-64 y

		13-19 y		20-49 y		50-64 y	
Beverage Type	Statistics (mL/day)	ABA-BSW 2021 (n=2335)	NHANES 2017-2018 (n=916)	ABA-BSW 2021 (n=13475)	NHANES 2017-2018 (n=2136)	ABA-BSW 2021 (n=4743)	NHANES 2017-2018 (n=1384)
All beverages (excluding tap water)	% Consumers	97.9%	94.2%	99.0%	96.5%	98.5%	99.1%
	Per Capita Mean	1576	1247	1972	1703	1822	1741
	Per Consumer Estimates						
	Mean	1610	1324	1993	1765	1850	1757
	P10	375	326	472	490	547	503
	P25	725	594	899	870	975	869
	P50	1303	1100	1599	1449	1610	1542
	P75	2196	1698	2627	2262	2439	2316
	P90	3171	2467	3895	3355	3441	3292
	P90:P10 ratio	8	8	8	7	6	7
Bottled water	% Consumers	62.4%	49.0%	48.2%	51.3%	42.9%	50.6%
	Per Capita Mean	559	577	405	748	415	639
	Per Consumer Estimates						
	Mean	895	1178	842	1457	966	1262
	P10	181	315	159	360	260	360
	P25	361	507	318	507	414	507
	P50	681	887	572	1029	827	1014
	P75	1282	1521	1147	1920	1371	1680
	P90	1972	2195	2008	3030	2068	2535
	P90:P10 ratio	11	7	13	8	8	7
CSD (total)	% Consumers	44.1%	40.8%	56.9%	35.3%	50.3%	34.4%
	Per Capita Mean	233	208	404	247	415	244
	Per Consumer Estimates						
	Mean	528	510	710	699	826	710
	P10	114	161	125	217	186	161

Xiaoyu Bi -- Beverage consumption patterns among U.S. adolescents and adults from a 24-hour dietary recall survey conducted in 2021 compared to the National Health and Nutrition Examination Survey (NHANES) 2017-2018

Beverage Type	Statistics (mL/day)	13-19 y		20-49 y		50-64 y	
		ABA-BSW	NHANES	ABA-BSW	NHANES	ABA-BSW	NHANES
		2021 (n=2335)	2017-2018 (n=916)	2021 (n=13475)	2017-2018 (n=2136)	2021 (n=4743)	2017-2018 (n=1384)
	P25	181	326	260	334	315	333
	P50	364	388	520	496	591	496
	P75	675	620	903	899	1072	805
	P90	1182	973	1513	1364	1688	1364
	P90:P10 ratio	10	6	12	6	9	8
Regular CSD	% Consumers	40.0%	37.5%	49.5%	30.8%	32.8%	24.9%
	Per Capita Mean	208	192	335	205	249	161
	Per Consumer Estimates						
	Mean	521	512	677	665	758	646
	P10	114	155	114	217	181	161
	P25	181	287	250	334	296	310
	P50	361	403	472	478	591	403
	P75	666	635	887	805	1005	744
	P90	1144	1000	1478	1364	1608	1240
	P90:P10 ratio	10	6	13	6	9	8
LNCS CSD	% Consumers	6.0%	3.9%	12.4%	5.0%	19.5%	10.3%
	Per Capita Mean	24	16	68	42	167	83
	Per Consumer Estimates						
	Mean	405	409	551	841	857	806
	P10	100	240	110	265	204	240
	P25	181	360	181	360	296	345
	P50	296	360	364	495	591	600
	P75	536	360	682	1080	1126	1080
	P90	832	949	1245	2094	1766	1521
	P90:P10 ratio	8	4	11	8	9	6
Coffee	% Consumers	28.0%	11.6%	56.4%	47.8%	62.4%	62.9%

Xiaoyu Bi -- Beverage consumption patterns among U.S. adolescents and adults from a 24-hour dietary recall survey conducted in 2021 compared to the National Health and Nutrition Examination Survey (NHANES) 2017-2018

Beverage Type	Statistics (mL/day)	13-19 y		20-49 y		50-64 y	
		ABA-BSW	NHANES	ABA-BSW	NHANES	ABA-BSW	NHANES
		2021 (n=2335)	2017-2018 (n=916)	2021 (n=13475)	2017-2018 (n=2136)	2021 (n=4743)	2017-2018 (n=1384)
	Per Capita Mean	124	44	259	257	362	374
	Per Consumer Estimates						
	Mean	443	377	459	537	581	594
	P10	125	180	125	180	208	240
	P25	224	255	224	255	281	315
	P50	355	326	355	372	472	450
	P75	556	496	591	620	710	720
	P90	851	543	944	960	1180	1080
	P90:P10 ratio	7	3	8	5	6	5
Dairy-based beverages	% Consumers	15.5%	11.7%	16.9%	3.8%	10.3%	3.8%
	Per Capita Mean	46	39	57	18	32	14
	Per Consumer Estimates						
	Mean	298	335	334	474	317	377
	P10	69	124	74	186	95	189
	P25	125	248	125	248	159	264
	P50	247	248	247	368	260	391
	P75	369	432	414	543	414	473
	P90	591	496	654	899	591	543
	P90:P10 ratio	9	4	9	5	6	3
Energy drinks	% Consumers	14.1%	1.2%	26.8%	4.7%	8.8%	2.4%
	Per Capita Mean	66	7	111	26	40	14
	Per Consumer Estimates						
	Mean	470	577	416	561	456	575
	P10	125	372	112	252	125	120
	P25	260	480	181	372	186	124
	P50	414	496	296	496	414	248
	P75	536	729	536	744	536	620

Xiaoyu Bi -- Beverage consumption patterns among U.S. adolescents and adults from a 24-hour dietary recall survey conducted in 2021 compared to the National Health and Nutrition Examination Survey (NHANES) 2017-2018

Beverage Type	Statistics (mL/day)	13-19 y		20-49 y		50-64 y	
		ABA-BSW	NHANES	ABA-BSW	NHANES	ABA-BSW	NHANES
		2021 (n=2335)	2017-2018 (n=916)	2021 (n=13475)	2017-2018 (n=2136)	2021 (n=4743)	2017-2018 (n=1384)
Flavored water	P90	830	930	827	960	887	1800
	P90:P10 ratio	7	3	7	4	7	15
	% Consumers	13.1%	1.4%	18.6%	2.0%	10.1%	2.9%
	Per Capita Mean	70	5	107	14	72	20
	Per Consumer Estimates						
	Mean	536	362	577	705	707	676
	P10	110	180	114	360	181	120
	P25	189	180	235	435	296	495
	P50	414	315	414	600	536	525
	P75	722	507	732	960	1013	960
	P90	1089	720	1214	1080	1486	1521
	P90:P10 ratio	10	4	11	3	8	13
	% Consumers	7.4%	3.4%	11.7%	5.5%	6.5%	3.4%
	Per Capita Mean	27	18	44	24	23	13
Nutritional beverages	Per Consumer Estimates						
	Mean	364	541	375	437	363	371
	P10	79	192	79	217	116	213
	P25	159	240	159	240	181	248
	P50	296	480	296	384	296	336
	P75	414	640	414	541	414	384
	P90	827	1280	676	720	591	640
	P90:P10 ratio	11	7	9	3	5	3
Plain milk	% Consumers	22.7%	14.3%	25.4%	8.3%	20.8%	11.4%
	Per Capita Mean	84	51	96	34	77	42
	Per Consumer Estimates						
	Mean	372	357	378	404	370	373

Xiaoyu Bi -- Beverage consumption patterns among U.S. adolescents and adults from a 24-hour dietary recall survey conducted in 2021 compared to the National Health and Nutrition Examination Survey (NHANES) 2017-2018

Beverage Type	Statistics (mL/day)	13-19 y		20-49 y		50-64 y	
		ABA-BSW	NHANES	ABA-BSW	NHANES	ABA-BSW	NHANES
		2021 (n=2335)	2017-2018 (n=916)	2021 (n=13475)	2017-2018 (n=2136)	2021 (n=4743)	2017-2018 (n=1384)
	P10	74	153	76	153	112	153
	P25	134	244	150	244	181	229
	P50	260	336	261	320	296	336
	P75	410	442	415	488	414	503
	P90	675	534	784	808	720	534
	P90:P10 ratio	9	4	10	5	6	4
Plant-based drinks	% Consumers	5.4%	3.1%	11.5%	4.5%	8.8%	4.8%
	Per Capita Mean	15	8	38	10	28	9
	Per Consumer Estimates						
	Mean	285	272	327	232	324	190
	P10	74	107	63	31	48	61
	P25	114	173	125	107	125	61
	P50	204	320	249	244	208	122
	P75	323	351	414	356	361	259
	P90	572	351	650	397	650	366
	P90:P10 ratio	8	3	10	13	14	6
Plant water	% Consumers	2.8%	0.2%	1.8%	0.7%	1.2%	0.4%
	Per Capita Mean	10	1	8	4	6	2
	Per Consumer Estimates						
	Mean	357	463	440	604	545	525
	P10	63	80	112	300	114	240
	P25	159	480	204	600	261	360
	P50	296	480	406	690	414	525
	P75	536	480	536	690	648	525
	P90	536	630	783	690	1241	720
	P90:P10 ratio	9	8	7	2	11	3
	% Consumers	19.6%	7.9%	23.6%	4.8%	11.9%	3.1%

Xiaoyu Bi -- Beverage consumption patterns among U.S. adolescents and adults from a 24-hour dietary recall survey conducted in 2021 compared to the National Health and Nutrition Examination Survey (NHANES) 2017-2018

Beverage Type	Statistics (mL/day)	13-19 y		20-49 y		50-64 y	
		ABA-BSW	NHANES	ABA-BSW	NHANES	ABA-BSW	NHANES
		2021 (n=2335)	2017-2018 (n=916)	2021 (n=13475)	2017-2018 (n=2136)	2021 (n=4743)	2017-2018 (n=1384)
Sports drinks	Per Capita Mean	102	45	118	33	66	22
	Per Consumer Estimates						
	Mean	519	572	499	693	557	714
	P10	125	217	112	310	138	248
	P25	186	372	186	372	296	372
	P50	414	620	410	620	414	744
	P75	650	744	650	930	650	744
	P90	1080	992	1072	992	1072	992
	P90:P10 ratio	9	5	10	3	8	4
Still juices and fruit-flavored drinks	% Consumers	39.6%	32.1%	36.6%	24.1%	26.6%	24.4%
	Per Capita Mean	180	146	177	117	117	107
	Per Consumer Estimates						
	Mean	455	456	482	484	442	437
	P10	114	155	114	155	112	109
	P25	181	233	186	242	181	186
	P50	328	349	338	357	328	345
	P75	556	543	591	543	536	524
	P90	968	899	984	870	960	861
	P90:P10 ratio	9	6	9	6	9	8
Tea	% Consumers	20.3%	19.8%	36.3%	27.3%	32.3%	32.2%
	Per Capita Mean	93	96	170	171	194	241
	Per Consumer Estimates						
	Mean	458	485	467	628	602	748
	P10	125	184	110	195	181	195
	P25	208	248	204	300	236	345
	P50	355	372	355	496	414	599
	P75	536	543	577	761	710	913

Xiaoyu Bi -- Beverage consumption patterns among U.S. adolescents and adults from a 24-hour dietary recall survey conducted in 2021 compared to the National Health and Nutrition Examination Survey (NHANES) 2017-2018

Beverage Type	Statistics (mL/day)	13-19 y		20-49 y		50-64 y	
		ABA-BSW 2021 (n=2335)	NHANES 2017-2018 (n=916)	ABA-BSW 2021 (n=13475)	NHANES 2017-2018 (n=2136)	ABA-BSW 2021 (n=4743)	NHANES 2017-2018 (n=1384)
	P90	934	989	947	1240	1246	1522
	P90:P10 ratio	7	5	9	6	7	8
Tap water ¹	% Consumers	77.4%	47.1%	84.7%	47.6%	77.8%	45.0%
	Per Capita Mean	735	465	870	734	784	590
	Per Consumer Estimates						
	Mean	950	988	1027	1542	1008	1312
	P10	250	278	250	315	250	240
	P25	375	435	375	585	375	525
	P50	750	740	750	1200	750	1014
	P75	1250	1275	1250	2067	1250	1890
	P90	1750	2029	1750	3240	1750	2670
	P90:P10 ratio	7	7	7	10	7	11

¹ Estimates for tap water not directly comparable between surveys as NHANES estimates are based on 24-hr dietary recalls while ABA-BSW estimates are based on typical daily amounts from a FFQ (tap water was not an option to select in the online 24-hr dietary recall survey for ABA-BSW%).

Supplemental Table S3A. Beverage COs among ages 13-19 years

Beverage Type	ABA-BSW 2021			NHANES 2017-2018		
	Total Number of COs ¹	Average		Total Number of COs	Average	
		COs/day	mL/CO		COs/day	mL/CO
All beverages (excluding tap water)	12146	5.4	300	2417	2.8	467
Bottled water	3802	2.7	328	807	1.8	656
CSD (total)	2000	1.9	273	478	1.3	402
Regular CSD	1771	1.9	275	449	1.3	409
LNCS CSD	229	1.6	261	29	1.2	334
Coffee	920	1.4	313	100	1.1	338
Dairy-based drinks	447	1.3	226	108	1.2	288
Energy drinks	439	1.4	344	11	1.0	551
Flavored water	554	1.9	284	14	1.1	340
Nutritional beverages	210	1.4	264	25	1.3	425
Plain milk	691	1.4	261	149	1.2	309
Plant-based drinks	169	1.3	216	27	1.1	258
Plant water	94	1.4	255	4	1.2	383
Sports drinks	604	1.4	364	77	1.1	525
Still juices and fruit-flavored drinks	1472	1.6	278	421	1.3	350
Tea	744	1.5	299	196	1.2	415

¹ Unweighted number of COs; all other statistics are appropriately weighted using survey weights.

Supplemental Table S3B. Beverage COs among ages among ages 20-49 years

Beverage Type	ABA-BSW 2021			NHANES 2017-2018		
	Total Number of COs ¹	Average		Total Number of COs	Average	
		COs/day	mL/CO		COs/day	mL/CO
All beverages (excluding tap water)	86892	6.5	304	6982	3.3	534
Bottled water	15482	2.4	345	2335	2.0	735
CSD (total)	16960	2.2	325	1213	1.5	473
Regular CSD	14098	2.1	324	1063	1.4	460
LNCS CSD	2862	1.7	326	150	1.5	549
Coffee	12841	1.7	275	1136	1.2	433
Dairy-based drinks	2901	1.3	251	113	1.1	444
Energy drinks	4959	1.4	296	93	1.0	541
Flavored water	4738	1.9	298	38	1.3	532
Nutritional beverages	2153	1.4	269	93	1.2	357
Plain milk	4693	1.4	263	210	1.2	349
Plant-based drinks	1979	1.3	244	101	1.4	166
Plant water	324	1.3	329	16	1.6	368
Sports drinks	4363	1.4	346	121	1.1	638
Still juices and fruit-flavored drinks	7473	1.6	303	761	1.2	396
Tea	8026	1.6	285	752	1.3	481

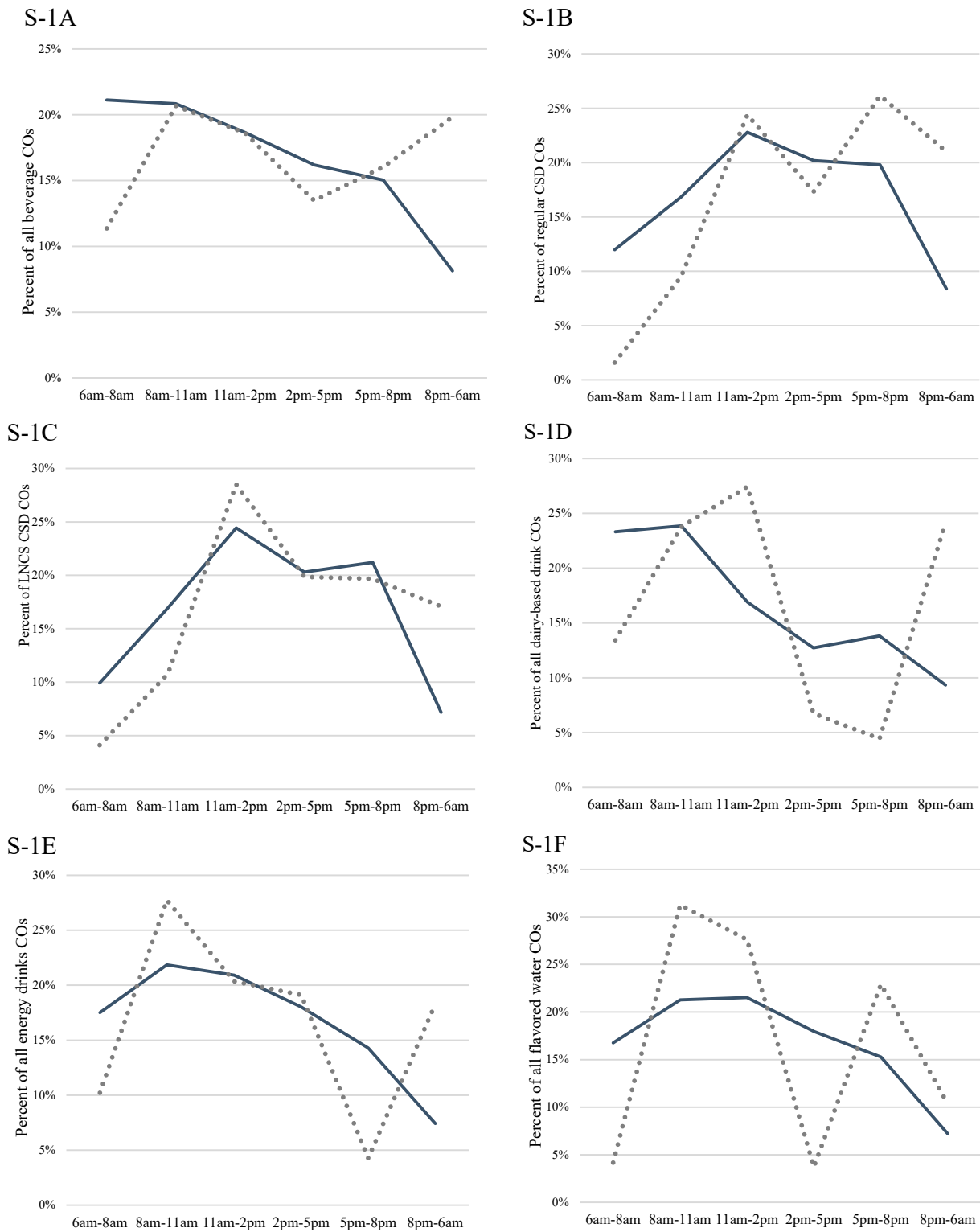
¹ Unweighted number of COs; all other statistics are appropriately weighted using survey weights.

Supplemental Table S3C. Beverage COs among ages among ages 50-64 years

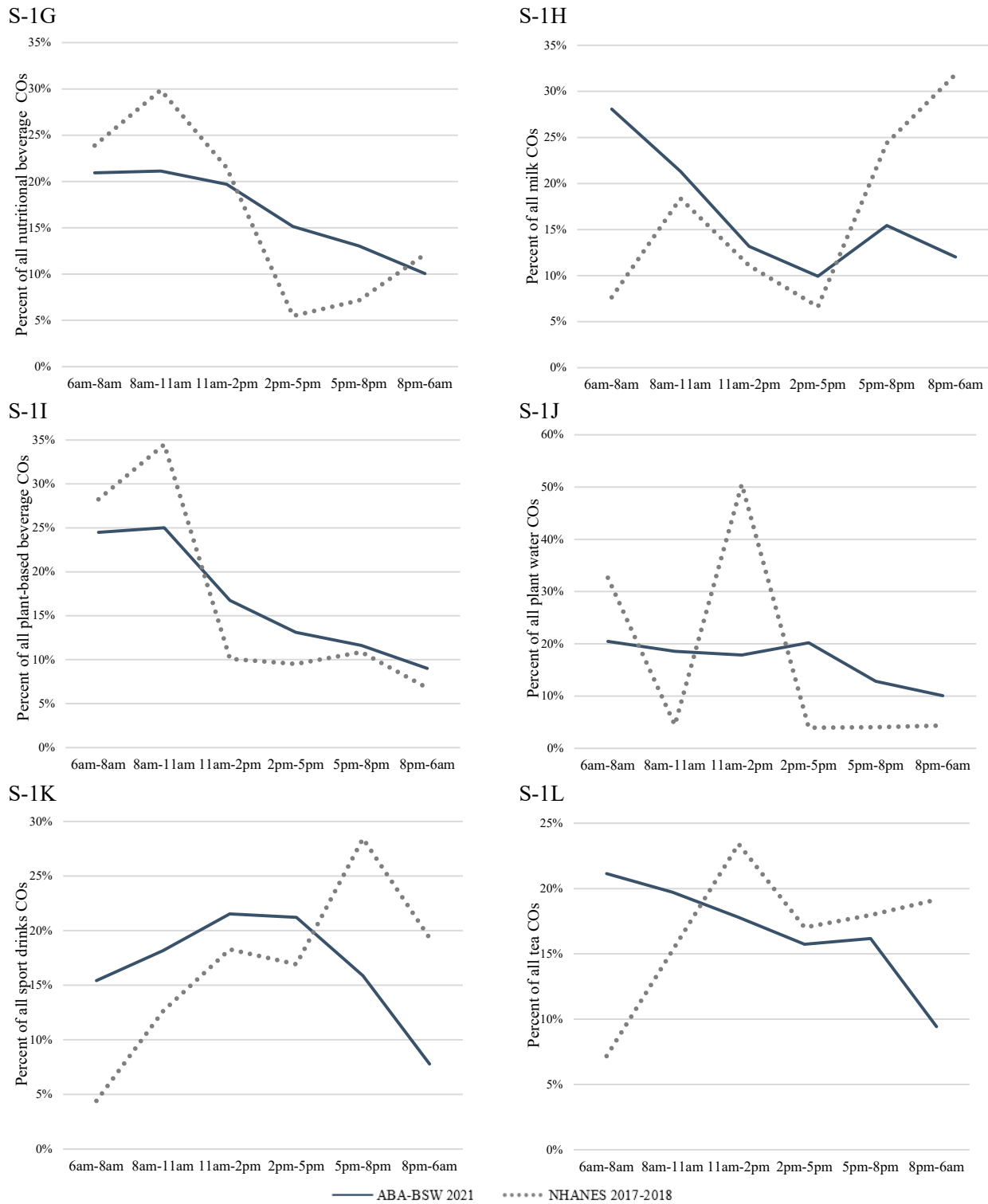
Beverage Type	ABA-BSW 2021			NHANES 2017-2018		
	Total Number of COs ¹	Average		Total Number of COs	Average	
		COs/day	mL/CO		COs/day	mL/CO
All beverages (excluding tap water)	25473	5.4	341	4896	3.6	487
Bottled water	5290	2.6	370	1656	2.1	605
CSD (total)	5275	2.2	378	675	1.5	462
Regular CSD	3286	2.1	364	524	1.5	445
LNCS CSD	1989	2.1	400	151	1.6	499
Coffee	5524	1.9	312	1017	1.3	460
Dairy-based drinks	549	1.2	263	54	1.1	355
Energy drinks	517	1.4	332	22	1.2	474
Flavored water	949	2.0	357	36	1.5	447
Nutritional beverages	381	1.3	287	37	1.1	329
Plain milk	1235	1.3	289	150	1.1	333
Plant-based drinks	493	1.2	259	66	1.2	160
Plant water	79	1.7	312	11	1.0	525
Sports drinks	699	1.4	413	52	1.2	607
Still juices and fruit-flavored drinks	1828	1.5	299	492	1.3	338
Tea	2654	1.8	340	628	1.5	500

¹ Unweighted number of COs; all other statistics are appropriately weighted using survey weights.

Xiaoyu Bi -- Beverage consumption patterns among U.S. adolescents and adults from a 24-hour dietary recall survey conducted in 2021 compared to the National Health and Nutrition Examination Survey (NHANES) 2017-2018



Xiaoyu Bi -- Beverage consumption patterns among U.S. adolescents and adults from a 24-hour dietary recall survey conducted in 2021 compared to the National Health and Nutrition Examination Survey (NHANES) 2017-2018



Supplemental Figure S1. Percentage of distribution of beverage COs within six time intervals among consumer ages 13-64 years by survey; (1A) all beverage types combined, (1B) Regular CSD, (1C) LNCS CSD, (1D) dairy-based drinks, (1E) energy drinks, (1F) flavored water, (1G) nutritional beverages, (1H) plain milk, (1I) plant-based drinks, (1J) plant water, (1K) sport drinks, and (1L) tea.