**Supplementary Note.** SSB classification.

Using added sugar information, caloric content and the written description provided through the USDA’s Food and Nutrient Database for Dietary Studies (FNDDS), we hand-coded whether each beverage reported to be consumed by participants in NHANES was an SSB and, if so, which SSB subcategory it fell under. This process has been previously peer-reviewed and published,(1, 2) and does not rely on What We Eat in America (WWEIA) food categories. The final classification system presented here contains some adaptations from prior studies(1, 2) but remain consistent with our goal of evaluating sugar consumption from beverages.

SSB subcategories

* Soda
* Fruit drinks
* Sports/energy drinks
* Coffee/tea SSBs: Includes coffee- and tea-based beverages with added sugars. In previous studies, these were classified as “other SSBs.”
* Milk SSBs: Includes milk and milk-based beverages with added sugars (e.g., chocolate milk); milk-alternatives that contain added sugars are also included in this category (e.g., sweetened vanilla almond milk). In previous studies, these were not included as SSBs due to inconsistencies in how sweetened milks are taxed in jurisdictions with beverage taxes. However, we include them here because they are sugar-sweetened milk and milk-based beverages, and so their consumption is important for evaluating trends in SSB consumption.
* Low-cal SSBs
* Other SSBs

**References**

1. Bleich SN, Vercammen KA, Koma JW *et al.* Trends in Beverage Consumption Among Children and Adults, 2003-2014. Obesity. 2018;26(2):432-41. doi: 10.1002/oby.22056.

2. Vercammen KA, Moran AJ, Soto MJ *et al.* Decreasing Trends in Heavy Sugar-Sweetened Beverage Consumption in the United States, 2003-2016. Public Health Nutrition. 2020;120(12):1974-85.

**Supplementary Table 1.** Unweighted sample sizes for children (aged 2 to 19) and adults (aged 20+) by age, race and ethnicity, and gender, NHANES 2003-2018.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Demographics** | **NH White** | **NH Black** | **Hispanic** | **NH Asiana** |
| **Children** |  |  |  |   |
| Ages 2-19 | 7002 | 6326 | 7828 | 959 |
| Ages 2-5 | 1735 | 1325 | 1809 | 211 |
| Ages 6-11 | 2264 | 2031 | 2598 | 289 |
| Ages 12-19 | 3003 | 2970 | 3421 | 459 |
| **Adults** |   |   |   |   |
| Ages 20+ | 16315 | 7633 | 8683 | 2037 |
| Ages 20-39 | 5091 | 2618 | 3339 | 816 |
| Ages 40-59 | 4946 | 2615 | 2825 | 771 |
| Ages 60+ | 6278 | 2400 | 2519 | 450 |
| **Sex** |   |   |   |   |
| Female  |  |  |  |  |
| Children (ages 2-19) | 3400 | 3110 | 3939 | 487 |
| Adults (ages 20+) | 8266 | 3988 | 4565 | 1049 |
| Male |  |  |  |  |
| Children (ages 2-19) | 3602 | 3216 | 3889 | 472 |
| Adults (ages 20+) | 8049 | 3645 | 4118 | 988 |
| **Income levelb** |   |   |   |   |
| < 1.3 |  |  |  |  |
| Children (ages 2-19) | 2241 | 3260 | 4208 | 223 |
| Adults (ages 20+) | 4058 | 2538 | 3700 | 375 |
| ≥ 1.3 |  |  |  |  |
| Children (ages 2-19) | 4761 | 3066 | 3620 | 736 |
| Adults (ages 20+) | 12257 | 5095 | 4983 | 1662 |
| **Obesity statusc** |   |   |   |   |
| With obesity |  |  |  |  |
| Children (ages 2-19) | 1080 | 1322 | 1689 | 92 |
| Adults (ages 20+) | 5768 | 3592 | 3609 | 250 |
| Without obesity |  |  |  |  |
| Children (ages 2-19) | 5922 | 5004 | 6139 | 867 |
| Adults (ages 20+) | 10547 | 4041 | 5074 | 1787 |

Notes:

Participants missing values for income (n=4,747) or weight (n=716) were excluded from the analytic sample.

a Data were available only from 2011-2018.

b Income level was defined as the ratio of family income to poverty level. Lower-income was defined as family income <130% of the Federal Poverty Level. Higher-income was defined as family income ≥130% of the Federal Poverty Level.

c Obesity status was defined as having a Body Mass Index (BMI, kg/m2) of at least 30. Among adults, the absolute BMI index score was used. Among children, BMI percentiles were used.

**Supplementary Table 2.** Race and ethnicity- and age-specific trends in per capita calories consumed by US children (aged 2-19) from SSBs from 2003 to 2018, by overall SSB and SSB subtype.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **NH White** |  |  | **NH Black** |  |  | **Hispanic** |  |  |
| **Survey Year** | **Ages 2-5** | **Ages 6-11** | **Ages 12-19** | **Ages 2-5** | **Ages 6-11** | **Ages 12-19** | **Ages 2-5** | **Ages 6-11** | **Ages 12-19** |
| **All SSBs** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 155 (120, 190) | 265 (240, 290) | 310 (273, 347) | 137 (108, 167) | 201 (174, 228) | 308 (273, 343) | 197 (156, 238) | 262 (222, 302) | 308 (270, 345) |
| 2005-2006 | 132 (104, 159) | 204 (169, 239) | 306 (260, 352) | 138 (105, 171) | 213 (191, 235) | 306 (268, 345) | 193 (169, 218) | 222 (184, 261) | 277 (256, 298) |
| 2007-2008 | 186 (156, 217) | 239 (222, 256) | 269 (226, 312) | 145 (116, 174) | 234 (201, 266) | 245 (214, 276) | 168 (137, 198) | 247 (220, 274) | 273 (251, 296) |
| 2009-2010 | 141 (116, 167) | 215 (187, 244) | 303 (261, 345) | 157 (109, 206) | 228 (195, 261) | 267 (238, 295) | 152 (127, 177) | 242 (220, 263) | 291 (258, 323) |
| 2011-2012 | 134 (84, 184) | 206 (170, 243) | 289 (257, 322) | 125 (108, 142) | 197 (168, 225) | 271 (243, 299) | 195 (163, 228) | 220 (199, 240) | 220 (176, 263) |
| 2013-2014 | 114 (95, 133) | 175 (148, 202) | 289 (248, 329) | 130 (92, 168) | 202 (176, 228) | 231 (193, 269) | 129 (96, 161) | 182 (150, 213) | 219 (192, 245) |
| 2015-2016 | 115 (83, 147) | 180 (156, 204) | 220 (185, 255) | 125 (92, 157) | 178 (153, 203) | 197 (158, 236) | 112 (97, 128) | 165 (129, 200) | 215 (178, 251) |
| 2017-2018 | 121 (64, 178) | 153 (123, 183) | 235 (211, 260) | 121 (94, 147) | 185 (154, 216) | 220 (190, 249) | 128 (96, 161) | 179 (153, 204) | 200 (172, 228) |
| P-value for trend | 0.055 | <0.001 | <0.001 | 0.235 | 0.031† | <0.001 | <0.001 | <0.001 | <0.001 |
| **Soda** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 30 (21, 40) | 125 (94, 155) | 200 (167, 232) | 27 (18, 35) | 74 (47, 102) | 128 (115, 140) | 32 (24, 40) | 87 (59, 115) | 176 (143, 209) |
| 2005-2006 | 25 (16, 33) | 61 (47, 74) | 170 (136, 205) | 27 (18, 36) | 51 (41, 61) | 116 (96, 135) | 38 (20, 55) | 68 (55, 82) | 146 (125, 167) |
| 2007-2008 | 30 (19, 40) | 84 (64, 104) | 144 (103, 184) | 10 (5, 16) | 51 (39, 64) | 89 (64, 114) | 29 (22, 37) | 71 (56, 86) | 126 (106, 147) |
| 2009-2010 | 14 (10, 19) | 60 (50, 70) | 148 (107, 189) | 16 (10, 23) | 40 (22, 58) | 81 (55, 106) | 22 (14, 29) | 57 (41, 74) | 128 (98, 157) |
| 2011-2012 | 21 (15, 27) | 54 (36, 72) | 111 (81, 141) | 8 (4, 12) | 40 (26, 54) | 75 (49, 100) | 19 (13, 25) | 49 (42, 56) | 85 (59, 112) |
| 2013-2014 | 10 (5, 15) | 47 (30, 64) | 109 (82, 137) | 23 (12, 34) | 48 (39, 57) | 97 (62, 131) | 18 (14, 22) | 52 (36, 67) | 98 (75, 122) |
| 2015-2016 | 15 (8, 21) | 53 (42, 65) | 92 (77, 107) | 7 (2, 11) | 28 (19, 37) | 67 (45, 90) | 20 (14, 26) | 49 (38, 61) | 89 (70, 108) |
| 2017-2018 | 8 (0, 16) | 40 (25, 54) | 101 (75, 128) | 18 (10, 26) | 40 (21, 60) | 68 (51, 85) | 15 (6, 23) | 46 (32, 60) | 70 (56, 83) |
| P-value for trend | <0.001 | <0.001 | <0.001 | 0.029 | 0.006† | <0.001† | <0.001 | 0.001 | <0.001 |
| **Fruit drinks** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 57 (39, 75) | 44 (30, 58) | 47 (37, 56) | 75 (58, 92) | 91 (73, 109) | 139 (112, 167) | 52 (39, 65) | 75 (48, 102) | 59 (44, 74) |
| 2005-2006 | 40 (26, 54) | 46 (31, 61) | 42 (28, 56) | 75 (50, 100) | 76 (56, 97) | 128 (85, 170) | 53 (42, 64) | 53 (40, 66) | 63 (47, 80) |
| 2007-2008 | 36 (29, 43) | 31 (23, 40) | 22 (14, 30) | 66 (39, 93) | 89 (70, 107) | 91 (71, 111) | 35 (21, 49) | 44 (30, 58) | 56 (46, 67) |
| 2009-2010 | 32 (21, 42) | 32 (23, 40) | 39 (20, 58) | 58 (43, 74) | 76 (35, 117) | 79 (60, 98) | 34 (25, 42) | 48 (41, 56) | 43 (33, 53) |
| 2011-2012 | 24 (13, 34) | 38 (26, 49) | 35 (24, 46) | 58 (44, 72) | 68 (51, 85) | 87 (59, 115) | 51 (30, 72) | 54 (35, 73) | 31 (15, 48) |
| 2013-2014 | 20 (6, 35) | 19 (15, 24) | 24 (18, 31) | 58 (44, 72) | 61 (44, 77) | 74 (60, 88) | 28 (15, 41) | 39 (26, 51) | 26 (19, 33) |
| 2015-2016 | 18 (9, 26) | 20 (10, 30) | 21 (13, 30) | 52 (31, 72) | 57 (42, 72) | 70 (46, 93) | 15 (9, 22) | 29 (18, 40) | 25 (16, 35) |
| 2017-2018 | 20 (6, 33) | 24 (8, 40) | 21 (11, 31) | 43 (27, 58) | 52 (31, 74) | 60 (43, 76) | 22 (9, 35) | 28 (14, 43) | 32 (22, 42) |
| P-value for trend | <0.001 | 0.002 | <0.001 | 0.006 | <0.001 | <0.001† | <0.001 | <0.001 | 0.008 |
| **Energy/sports drinks** |  |  |  |  |  |  |  |  |
| 2003-2004 | 4 (0, 9) | 8 (1, 15) | 12 (1, 23) | 0 (0, 0) | 2 (0, 4) | 5 (1, 9) | 5 (0, 10) | 8 (5, 10) | 11 (6, 15) |
| 2005-2006 | 2 (1, 3) | 15 (3, 27) | 34 (25, 42) | 2 (0, 5) | 6 (4, 8) | 7 (3, 12) | 5 (2, 9) | 3 (1, 4) | 13 (4, 21) |
| 2007-2008 | 2 (0, 3) | 12 (8, 15) | 27 (12, 41) | 3 (0, 6) | 8 (0, 17) | 14 (9, 19) | 3 (1, 6) | 7 (3, 11) | 16 (11, 21) |
| 2009-2010 | 4 (0, 7) | 7 (3, 11) | 26 (16, 35) | 8 (0, 18) | 4 (1, 8) | 12 (2, 22) | 1 (0, 2) | 4 (3, 6) | 17 (5, 30) |
| 2011-2012 | 1 (0, 2) | 8 (2, 14) | 26 (10, 42) | 2 (0, 4) | 3 (0, 6) | 37 (4, 69) | 2 (0, 4) | 6 (2, 10) | 5 (1, 9) |
| 2013-2014 | 2 (0, 4) | 11 (5, 17) | 31 (15, 47) | 1 (0, 2) | 9 (3, 14) | 5 (2, 7) | 10 (0, 19) | 12 (6, 19) | 14 (8, 20) |
| 2015-2016 | 2 (0, 4) | 5 (2, 8) | 15 (7, 23) | 4 (0, 9) | 8 (1, 16) | 15 (5, 24) | 2 (0, 4) | 6 (3, 10) | 11 (6, 15) |
| 2017-2018 | 3 (0, 5) | 11 (5, 18) | 16 (8, 24) | 4 (0, 10) | 4 (0, 10) | 9 (2, 17) | 14 (4, 24) | 8 (0, 17) | 17 (7, 28) |
| P-value for trend | 0.531 | 0.543 | 0.033 | 0.262 | 0.230 | 0.185 | 0.132 | 0.296 | 0.768 |
| **Coffee SSBs** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 10 (0, 19) | 8 (2, 14) | 17 (7, 28) | 1 (0, 2) | 8 (4, 12) | 10 (5, 15) | 4 (0, 8) | 5 (1, 10) | 18 (10, 27) |
| 2005-2006 | 4 (2, 6) | 9 (3, 15) | 23 (10, 35) | 3 (1, 5) | 5 (2, 7) | 13 (8, 18) | 1 (0, 3) | 7 (3, 10) | 15 (10, 19) |
| 2007-2008 | 5 (2, 8) | 11 (4, 18) | 37 (26, 47) | 5 (1, 9) | 7 (2, 13) | 21 (7, 34) | 4 (1, 6) | 15 (6, 25) | 23 (14, 32) |
| 2009-2010 | 3 (1, 5) | 13 (6, 19) | 31 (10, 52) | 2 (0, 3) | 6 (1, 12) | 42 (26, 58) | 4 (2, 5) | 8 (4, 12) | 30 (11, 49) |
| 2011-2012 | 4 (1, 7) | 22 (7, 36) | 45 (28, 62) | 5 (2, 7) | 8 (5, 12) | 40 (24, 55) | 4 (2, 6) | 17 (5, 29) | 29 (17, 42) |
| 2013-2014 | 3 (1, 4) | 13 (8, 17) | 57 (25, 90) | 3 (0, 6) | 9 (2, 16) | 27 (8, 47) | 7 (2, 12) | 9 (2, 16) | 23 (10, 36) |
| 2015-2016 | 8 (1, 15) | 12 (5, 19) | 40 (22, 57) | 8 (2, 14) | 15 (9, 21) | 24 (15, 33) | 4 (1, 7) | 12 (7, 17) | 47 (28, 67) |
| 2017-2018 | 11 (3, 19) | 13 (4, 21) | 50 (36, 64) | 6 (0, 12) | 17 (2, 32) | 23 (11, 35) | 14 (0, 28) | 14 (7, 20) | 27 (12, 43) |
| P-value for trend | 0.614 | 0.159 | <0.001 | 0.026 | 0.024 | 0.003 | 0.068 | 0.102 | 0.015 |
| **Milk SSBs** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 44 (20, 68) | 75 (51, 98) | 30 (19, 41) | 32 (13, 51) | 24 (11, 37) | 20 (10, 30) | 65 (41, 89) | 79 (29, 128) | 39 (19, 59) |
| 2005-2006 | 53 (29, 77) | 58 (44, 71) | 29 (12, 47) | 26 (13, 39) | 65 (48, 81) | 34 (22, 45) | 64 (40, 87) | 84 (57, 111) | 33 (21, 46) |
| 2007-2008 | 87 (63, 110) | 79 (59, 99) | 34 (16, 51) | 50 (19, 81) | 62 (37, 87) | 15 (7, 22) | 68 (44, 93) | 95 (69, 122) | 41 (28, 55) |
| 2009-2010 | 76 (52, 100) | 88 (66, 110) | 43 (22, 65) | 40 (20, 61) | 91 (57, 124) | 40 (16, 64) | 64 (44, 85) | 100 (83, 116) | 55 (42, 69) |
| 2011-2012 | 61 (22, 100) | 63 (38, 89) | 47 (23, 70) | 36 (18, 54) | 65 (36, 94) | 26 (5, 47) | 84 (60, 108) | 77 (58, 95) | 46 (24, 68) |
| 2013-2014 | 53 (45, 61) | 60 (45, 75) | 45 (26, 64) | 32 (0, 66) | 62 (33, 91) | 21 (9, 32) | 47 (28, 65) | 45 (31, 59) | 39 (14, 65) |
| 2015-2016 | 55 (36, 73) | 64 (44, 83) | 39 (24, 54) | 41 (25, 56) | 49 (33, 65) | 12 (2, 21) | 44 (27, 61) | 47 (30, 64) | 36 (19, 53) |
| 2017-2018 | 72 (30, 114) | 50 (40, 60) | 34 (18, 50) | 40 (18, 62) | 50 (38, 63) | 49 (15, 84) | 48 (26, 70) | 75 (47, 102) | 38 (26, 51) |
| P-value for trend | 0.024 | 0.070 | 0.195 | 0.551 | <0.001 | 0.515 | 0.071 | 0.026 | 0.818 |
| **Low-cal SSBs** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 0 (0, 1) | 0 (0, 0) | 0 (0, 1) | 0 (0, 4) | 0 (0, 1) | 1 (0, 1) | 0 (0, 1) | 0 (0, 1) | 1 (0, 4) |
| 2005-2006 | 0 (0, 2) | 0 (0, 1) | 1 (0, 1) | 1 (0, 3) | 1 (0, 3) | 2 (1, 3) | 4 (0, 10) | 0 (0, 1) | 1 (0, 2) |
| 2007-2008 | 7 (1, 12) | 9 (4, 14) | 2 (0, 4) | 9 (3, 14) | 15 (6, 23) | 12 (5, 18) | 7 (4, 11) | 6 (3, 8) | 3 (0, 5) |
| 2009-2010 | 10 (6, 14) | 12 (6, 19) | 3 (1, 4) | 25 (0, 56) | 7 (3, 11) | 10 (1, 19) | 9 (4, 14) | 13 (8, 17) | 4 (1, 7) |
| 2011-2012 | 7 (2, 13) | 8 (5, 12) | 2 (0, 4) | 6 (3, 9) | 10 (7, 14) | 3 (0, 6) | 6 (4, 9) | 6 (3, 10) | 5 (0, 12) |
| 2013-2014 | 11 (3, 19) | 12 (5, 20) | 9 (2, 17) | 9 (3, 16) | 13 (8, 18) | 4 (2, 5) | 7 (3, 12) | 19 (14, 23) | 6 (2, 11) |
| 2015-2016 | 2 (1, 4) | 18 (9, 27) | 6 (3, 9) | 6 (0, 13) | 13 (7, 20) | 4 (2, 6) | 9 (2, 16) | 9 (6, 13) | 5 (2, 7) |
| 2017-2018 | 6 (0, 14) | 6 (3, 9) | 4 (0, 8) | 6 (0, 12) | 16 (9, 23) | 5 (2, 8) | 4 (2, 7) | 6 (4, 8) | 8 (0, 16) |
| P-value for trend | 0.002 | <0.001 | 0.001 | 0.042 | <0.001 | 0.007 | 0.002 | <0.001 | 0.032 |
| **Other SSBs** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 10 (0, 25) | 6 (0, 13) | 4 (1, 7) | 4 (0, 8) | 3 (0, 5) | 5 (3, 8) | 39 (16, 61) | 8 (2, 14) | 4 (2, 6) |
| 2005-2006 | 8 (1, 14) | 15 (5, 25) | 7 (0, 15) | 4 (0, 8) | 10 (0, 21) | 7 (4, 10) | 29 (15, 42) | 7 (4, 11) | 6 (2, 11) |
| 2007-2008 | 21 (11, 31) | 12 (4, 20) | 5 (2, 7) | 2 (0, 5) | 2 (0, 5) | 4 (2, 6) | 20 (9, 32) | 9 (3, 15) | 8 (3, 12) |
| 2009-2010 | 2 (0, 5) | 4 (1, 7) | 13 (7, 19) | 8 (1, 14) | 3 (1, 6) | 3 (0, 6) | 18 (1, 36) | 11 (2, 20) | 14 (4, 23) |
| 2011-2012 | 16 (0, 40) | 12 (3, 22) | 24 (0, 63) | 10 (4, 15) | 2 (0, 4) | 4 (0, 9) | 29 (11, 47) | 11 (2, 19) | 17 (3, 30) |
| 2013-2014 | 15 (0, 34) | 12 (4, 21) | 12 (4, 21) | 4 (0, 9) | 1 (0, 2) | 4 (0, 8) | 12 (0, 25) | 7 (3, 11) | 12 (3, 20) |
| 2015-2016 | 16 (4, 29) | 7 (0, 15) | 7 (0, 16) | 7 (1, 13) | 7 (3, 11) | 5 (0, 11) | 19 (6, 32) | 11 (4, 19) | 2 (0, 4) |
| 2017-2018 | 1 (0, 4) | 10 (2, 17) | 10 (2, 17) | 4 (0, 11) | 5 (0, 9) | 6 (0, 11) | 12 (0, 26) | 2 (0, 5) | 8 (2, 14) |
| P-value for trend | 0.740 | 0.985 | 0.186 | 0.298 | 0.951 | 0.834 | 0.020 | 0.339 | 0.023 |

Notes:

To obtain yearly estimates, separate models were fitted within each race and age subgroup; all estimates were adjusted for total caloric intake and whether the participant was someone female, of lower-income status, and with obesity. Participants missing values for income (n=4,395) or weight (n=680) were excluded from the analytic sample. Negative predicted values were truncated at 0. To obtain linear trend estimates, separate models were fitted within each age subgroup using survey year as a continuous indicator, adjusting for all other covariates.

Underlining indicates evidence of a nonlinear trend in SSB consumption over time, as indicated by a statistically significant joint Wald test of the quadratic and cubic terms for survey year.

† Evidence of a disparity in the per capita calorie consumption among children, as indicated by a statistically significantly different rate of change compared to the rate of change among the corresponding NH White subgroup (*p*<0.05).

**Supplementary Table 3.** Race and ethnicity- and age-specific trends in per capita calories consumed by US adults (aged 20+) from SSBs from 2003 to 2018, by overall SSB and SSB subtype.

|  | **NH White** | **NH Black** |  | **Hispanic** |  |
| --- | --- | --- | --- | --- | --- |
| **Survey Year** | **Aged 20-39** | **Aged 40-59** | **Aged 60+** | **Aged 20-39** | **Aged 40-59** | **Aged 60+** | **Aged 20-39** | **Aged 40-59** | **Aged 60+** |
| **All SSBs** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 319 (278, 360) | 216 (193, 239) | 101 (91, 111) | 353 (318, 388) | 262 (228, 295) | 173 (148, 198) | 320 (279, 361) | 237 (191, 282) | 145 (118, 173) |
| 2005-2006 | 265 (237, 294) | 189 (163, 214) | 101 (90, 113) | 309 (266, 351) | 260 (218, 302) | 163 (145, 180) | 303 (275, 331) | 244 (216, 273) | 150 (121, 179) |
| 2007-2008 | 285 (234, 336) | 204 (164, 244) | 95 (86, 105) | 251 (204, 298) | 256 (226, 285) | 164 (137, 190) | 289 (254, 324) | 242 (210, 274) | 156 (143, 169) |
| 2009-2010 | 257 (226, 289) | 187 (158, 216) | 105 (91, 120) | 282 (258, 305) | 211 (181, 241) | 156 (137, 176) | 275 (243, 306) | 238 (221, 255) | 164 (143, 184) |
| 2011-2012 | 238 (205, 271) | 200 (173, 226) | 107 (96, 118) | 289 (258, 319) | 248 (226, 271) | 156 (136, 177) | 281 (249, 313) | 208 (177, 240) | 144 (127, 161) |
| 2013-2014 | 246 (221, 271) | 195 (166, 225) | 90 (80, 101) | 281 (239, 322) | 209 (182, 236) | 156 (130, 182) | 293 (258, 327) | 224 (204, 244) | 153 (140, 167) |
| 2015-2016 | 219 (182, 256) | 237 (208, 265) | 109 (86, 131) | 252 (221, 283) | 231 (196, 266) | 139 (112, 167) | 268 (238, 298) | 202 (187, 216) | 138 (107, 169) |
| 2017-2018 | 235 (197, 274) | 203 (171, 234) | 115 (96, 135) | 247 (208, 286) | 241 (211, 271) | 136 (116, 157) | 212 (166, 259) | 242 (186, 297) | 134 (112, 155) |
| P-value for trend | <0.001 | 0.423 | 0.225 | <0.001 | 0.065† | 0.009† | 0.001 | 0.413 | 0.192 |
| **Soda** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 198 (164, 232) | 114 (100, 128) | 39 (31, 47) | 184 (155, 213) | 126 (96, 157) | 70 (58, 81) | 177 (144, 209) | 111 (75, 147) | 43 (30, 56) |
| 2005-2006 | 144 (121, 166) | 80 (67, 93) | 37 (31, 43) | 139 (116, 163) | 109 (81, 138) | 76 (64, 89) | 149 (133, 165) | 109 (82, 136) | 62 (37, 87) |
| 2007-2008 | 158 (113, 204) | 92 (64, 121) | 35 (26, 45) | 112 (83, 141) | 108 (84, 132) | 59 (44, 73) | 143 (116, 169) | 97 (87, 107) | 47 (37, 57) |
| 2009-2010 | 122 (99, 145) | 72 (55, 89) | 26 (20, 33) | 137 (108, 166) | 89 (71, 107) | 59 (44, 73) | 128 (99, 158) | 77 (62, 91) | 52 (36, 68) |
| 2011-2012 | 93 (75, 111) | 73 (53, 94) | 29 (23, 34) | 105 (85, 126) | 93 (69, 117) | 50 (37, 64) | 113 (92, 134) | 75 (56, 94) | 41 (33, 48) |
| 2013-2014 | 113 (101, 125) | 74 (49, 99) | 31 (25, 37) | 131 (113, 149) | 80 (69, 92) | 64 (42, 86) | 157 (116, 197) | 81 (62, 99) | 46 (31, 61) |
| 2015-2016 | 85 (68, 102) | 86 (62, 110) | 32 (13, 50) | 100 (75, 124) | 89 (68, 109) | 53 (39, 68) | 124 (105, 144) | 70 (55, 84) | 37 (23, 51) |
| 2017-2018 | 88 (68, 109) | 85 (62, 107) | 37 (22, 52) | 96 (64, 128) | 76 (61, 91) | 56 (44, 68) | 83 (56, 110) | 91 (52, 129) | 36 (24, 48) |
| P-value for trend | <0.001 | 0.026 | 0.582 | <0.001 | 0.001 | 0.023 | <0.001 | 0.113 | 0.033 |
| **Fruit drinks** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 27 (17, 36) | 21 (10, 31) | 15 (12, 18) | 96 (67, 124) | 61 (42, 80) | 42 (27, 57) | 69 (55, 84) | 40 (19, 61) | 24 (10, 37) |
| 2005-2006 | 23 (12, 33) | 16 (11, 21) | 11 (8, 15) | 96 (60, 132) | 56 (30, 82) | 30 (23, 38) | 58 (39, 77) | 28 (15, 42) | 20 (5, 34) |
| 2007-2008 | 17 (12, 23) | 21 (12, 29) | 10 (5, 14) | 73 (56, 90) | 65 (43, 87) | 35 (18, 51) | 43 (32, 54) | 27 (15, 40) | 12 (6, 19) |
| 2009-2010 | 26 (15, 37) | 18 (11, 26) | 13 (8, 17) | 62 (46, 78) | 35 (23, 46) | 22 (14, 30) | 42 (25, 59) | 29 (20, 38) | 16 (12, 20) |
| 2011-2012 | 28 (16, 40) | 14 (3, 25) | 7 (4, 11) | 75 (51, 100) | 53 (39, 67) | 31 (16, 45) | 58 (42, 75) | 23 (11, 36) | 12 (4, 19) |
| 2013-2014 | 12 (5, 19) | 9 (6, 13) | 6 (3, 8) | 42 (26, 58) | 26 (12, 39) | 17 (8, 27) | 23 (9, 37) | 18 (11, 25) | 13 (2, 23) |
| 2015-2016 | 9 (6, 12) | 7 (4, 11) | 4 (2, 6) | 49 (36, 61) | 27 (17, 38) | 21 (14, 28) | 19 (12, 25) | 16 (11, 21) | 16 (8, 25) |
| 2017-2018 | 9 (5, 14) | 9 (3, 14) | 6 (2, 11) | 49 (34, 63) | 39 (30, 47) | 11 (6, 17) | 19 (11, 26) | 19 (9, 29) | 13 (4, 22) |
| P-value for trend | <0.001 | <0.001 | <0.001 | <0.001† | 0.001† | <0.001† | <0.001† | 0.009 | 0.249 |
| **Energy/sports drinks** |  |  |  |  |  |  |  |  |
| 2003-2004 | 9 (1, 18) | 1 (0, 3) | 1 (0, 1) | 9 (5, 13) | 1 (0, 3) | 2 (0, 5) | 6 (2, 10) | 7 (2, 11) | 1 (0, 1) |
| 2005-2006 | 14 (8, 21) | 8 (3, 12) | 3 (1, 6) | 12 (6, 18) | 5 (0, 13) | 1 (0, 2) | 16 (6, 25) | 8 (0, 18) | 3 (0, 10) |
| 2007-2008 | 21 (13, 30) | 7 (2, 13) | 3 (1, 5) | 15 (6, 24) | 11 (2, 20) | 5 (0, 9) | 14 (9, 20) | 7 (3, 11) | 2 (1, 3) |
| 2009-2010 | 19 (13, 25) | 5 (3, 6) | 3 (1, 5) | 9 (5, 12) | 6 (1, 10) | 1 (0, 2) | 17 (10, 23) | 6 (2, 10) | 2 (0, 3) |
| 2011-2012 | 20 (12, 29) | 8 (4, 13) | 5 (0, 9) | 14 (0, 27) | 2 (0, 5) | 2 (0, 5) | 18 (10, 27) | 12 (7, 17) | 4 (0, 8) |
| 2013-2014 | 19 (11, 28) | 7 (4, 9) | 2 (0, 4) | 19 (8, 30) | 9 (4, 13) | 1 (0, 3) | 17 (7, 26) | 6 (3, 9) | 2 (0, 5) |
| 2015-2016 | 27 (14, 40) | 8 (6, 10) | 2 (0, 4) | 25 (11, 40) | 8 (4, 11) | 2 (0, 4) | 20 (13, 26) | 9 (4, 14) | 2 (0, 3) |
| 2017-2018 | 24 (14, 33) | 8 (3, 13) | 5 (1, 10) | 14 (5, 24) | 11 (3, 19) | 3 (0, 5) | 21 (7, 35) | 11 (4, 18) | 3 (1, 6) |
| P-value for trend | 0.011 | 0.041 | 0.015 | 0.059 | 0.063 | 0.968 | 0.039 | 0.374 | 0.475 |
| **Coffee SSBs** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 41 (28, 55) | 45 (35, 55) | 25 (21, 30) | 26 (16, 35) | 48 (31, 65) | 33 (25, 42) | 39 (28, 50) | 56 (42, 69) | 38 (29, 47) |
| 2005-2006 | 49 (37, 60) | 45 (33, 58) | 25 (19, 32) | 47 (29, 65) | 57 (35, 80) | 39 (27, 50) | 33 (24, 42) | 49 (35, 63) | 30 (19, 42) |
| 2007-2008 | 60 (45, 74) | 53 (38, 69) | 27 (23, 31) | 36 (25, 46) | 43 (26, 60) | 43 (33, 52) | 44 (37, 52) | 57 (45, 70) | 36 (25, 46) |
| 2009-2010 | 59 (44, 75) | 55 (40, 69) | 35 (22, 49) | 51 (41, 61) | 57 (44, 69) | 51 (42, 59) | 50 (41, 60) | 69 (57, 82) | 54 (47, 60) |
| 2011-2012 | 63 (47, 79) | 64 (48, 80) | 32 (24, 40) | 62 (42, 82) | 68 (51, 86) | 41 (32, 51) | 60 (43, 77) | 57 (35, 78) | 46 (34, 58) |
| 2013-2014 | 62 (43, 81) | 65 (53, 76) | 31 (26, 36) | 60 (41, 79) | 69 (49, 89) | 51 (38, 63) | 53 (38, 68) | 80 (65, 95) | 56 (43, 69) |
| 2015-2016 | 61 (47, 75) | 93 (70, 117) | 47 (35, 59) | 43 (27, 60) | 77 (53, 100) | 36 (29, 43) | 64 (52, 77) | 57 (48, 66) | 57 (42, 72) |
| 2017-2018 | 78 (62, 94) | 65 (43, 88) | 48 (35, 61) | 63 (29, 96) | 86 (61, 110) | 47 (35, 60) | 52 (35, 69) | 72 (59, 84) | 54 (37, 71) |
| P-value for trend | 0.001 | <0.001 | <0.001 | 0.027 | 0.002 | 0.148 | 0.002 | 0.025 | 0.003 |
| **Milk SSBs** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 27 (17, 37) | 20 (11, 30) | 8 (5, 10) | 29 (15, 42) | 7 (0, 14) | 8 (3, 13) | 18 (7, 29) | 16 (1, 30) | 27 (9, 45) |
| 2005-2006 | 19 (11, 27) | 21 (10, 31) | 12 (8, 17) | 3 (0, 6) | 15 (3, 27) | 8 (1, 14) | 28 (15, 41) | 30 (20, 41) | 19 (8, 30) |
| 2007-2008 | 17 (9, 25) | 14 (8, 21) | 9 (6, 13) | 7 (2, 13) | 10 (3, 17) | 12 (3, 22) | 27 (16, 38) | 35 (20, 50) | 32 (19, 46) |
| 2009-2010 | 13 (7, 18) | 22 (11, 33) | 15 (9, 21) | 15 (2, 29) | 13 (5, 21) | 11 (0, 26) | 23 (13, 34) | 37 (18, 57) | 22 (9, 34) |
| 2011-2012 | 17 (9, 25) | 21 (13, 28) | 11 (8, 14) | 13 (4, 21) | 16 (2, 29) | 19 (11, 27) | 23 (12, 33) | 20 (2, 38) | 25 (14, 36) |
| 2013-2014 | 24 (12, 36) | 24 (16, 32) | 6 (3, 10) | 8 (3, 14) | 14 (5, 24) | 14 (6, 22) | 22 (4, 39) | 15 (6, 23) | 19 (11, 28) |
| 2015-2016 | 17 (7, 27) | 18 (9, 26) | 11 (5, 17) | 20 (5, 35) | 13 (4, 22) | 10 (1, 18) | 25 (14, 36) | 34 (23, 44) | 12 (4, 20) |
| 2017-2018 | 20 (6, 34) | 23 (1, 46) | 5 (1, 9) | 19 (7, 31) | 18 (10, 26) | 5 (0, 10) | 20 (9, 30) | 22 (10, 34) | 13 (6, 19) |
| P-value for trend | 0.624 | 0.705 | 0.044 | 0.027 | 0.158 | 0.022 | 0.719 | 0.729 | 0.012 |
| **Low-cal SSBs** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 4 (2, 7) | 6 (3, 10) | 8 (4, 12) | 1 (0, 1) | 7 (4, 10) | 6 (5, 8) | 2 (0, 3) | 3 (2, 5) | 6 (3, 8) |
| 2005-2006 | 6 (2, 9) | 9 (7, 12) | 7 (5, 8) | 2 (0, 4) | 5 (2, 8) | 8 (4, 11) | 2 (1, 4) | 5 (2, 7) | 13 (8, 18) |
| 2007-2008 | 4 (2, 6) | 8 (6, 10) | 8 (6, 10) | 2 (0, 3) | 11 (6, 16) | 6 (4, 8) | 5 (2, 8) | 8 (5, 10) | 16 (8, 24) |
| 2009-2010 | 5 (4, 7) | 8 (6, 11) | 7 (5, 9) | 3 (1, 5) | 5 (2, 8) | 8 (6, 11) | 3 (2, 4) | 10 (7, 13) | 12 (9, 15) |
| 2011-2012 | 8 (4, 11) | 9 (6, 12) | 9 (4, 13) | 4 (1, 7) | 6 (2, 9) | 10 (6, 13) | 2 (1, 3) | 10 (6, 14) | 11 (6, 16) |
| 2013-2014 | 6 (4, 8) | 9 (6, 12) | 7 (5, 9) | 14 (0, 29) | 4 (2, 6) | 5 (3, 7) | 3 (1, 6) | 11 (6, 16) | 9 (6, 13) |
| 2015-2016 | 3 (1, 5) | 14 (8, 19) | 8 (4, 12) | 1 (0, 2) | 4 (1, 7) | 7 (2, 12) | 7 (2, 12) | 5 (3, 6) | 7 (5, 9) |
| 2017-2018 | 3 (1, 6) | 8 (2, 15) | 5 (2, 7) | 1 (0, 2) | 4 (0, 7) | 7 (5, 10) | 1 (0, 3) | 4 (1, 7) | 8 (4, 12) |
| P-value for trend | 0.673 | 0.148 | 0.355 | 0.001 | 0.034† | 0.958 | 0.504 | <0.001 | 0.003 |
| **Other SSBs** |  |  |  |  |  |  |  |  |  |
| 2003-2004 | 13 (6, 20) | 9 (5, 13) | 6 (4, 7) | 9 (0, 20) | 11 (5, 17) | 12 (2, 21) | 9 (3, 15) | 4 (0, 7) | 7 (2, 12) |
| 2005-2006 | 12 (4, 20) | 9 (5, 13) | 5 (3, 8) | 9 (0, 20) | 12 (0, 25) | 1 (0, 2) | 17 (8, 25) | 15 (7, 23) | 3 (0, 6) |
| 2007-2008 | 8 (3, 13) | 8 (4, 13) | 3 (2, 5) | 6 (3, 8) | 8 (3, 14) | 4 (2, 7) | 13 (6, 21) | 11 (6, 16) | 11 (4, 18) |
| 2009-2010 | 12 (7, 17) | 7 (4, 10) | 6 (4, 8) | 4 (0, 8) | 7 (2, 12) | 6 (1, 10) | 11 (3, 19) | 10 (5, 15) | 6 (2, 11) |
| 2011-2012 | 9 (4, 15) | 10 (4, 17) | 15 (8, 22) | 16 (9, 22) | 10 (4, 16) | 3 (0, 6) | 7 (2, 12) | 11 (3, 19) | 6 (1, 11) |
| 2013-2014 | 10 (5, 15) | 8 (3, 12) | 8 (3, 13) | 6 (1, 11) | 7 (2, 11) | 4 (0, 9) | 18 (3, 34) | 14 (2, 25) | 7 (2, 13) |
| 2015-2016 | 16 (5, 26) | 11 (2, 20) | 6 (2, 10) | 14 (6, 21) | 13 (0, 28) | 10 (2, 19) | 9 (4, 14) | 12 (3, 21) | 7 (1, 12) |
| 2017-2018 | 12 (1, 24) | 4 (0, 9) | 9 (4, 14) | 5 (0, 11) | 8 (2, 13) | 6 (1, 11) | 16 (3, 29) | 24 (1, 46) | 7 (0, 14) |
| P-value for trend | 0.753 | 0.582 | 0.065 | 0.894 | 0.716 | 0.832 | 0.754 | 0.140 | 0.967 |

Notes:

To obtain yearly estimates, separate models were fitted within each race and age subgroup; all estimates were adjusted for total caloric intake and whether the participant was someone female, of lower-income status, and with obesity. Participants missing values for income (n=4,395) or weight (n=680) were excluded. Negative predicted values were truncated at 0. To obtain linear trend estimates, separate models were fitted within each age subgroup using survey year as a continuous indicator, adjusting for all other covariates.

Underlining indicates evidence of a nonlinear trend in SSB consumption over time, as indicated by a statistically significant joint Wald test of the quadratic and cubic terms for survey year.

† Evidence of a disparity in the per capita calorie consumption among adults, as indicated by a statistically significantly different rate of change compared to the rate of change among the corresponding NH White subgroup (*p*<0.05).

**Supplementary Table 4.** Age-specific trends in the percentage Non-Hispanic Asian US children (aged 2-19) and adults (aged 20+) consuming at least some SSBs on a given day from 2011 to 2018.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Survey Year** | **Aged 2-5** | **Aged 6-11** | **Aged 12-19** | **Aged 20-39** | **Aged 40-59** | **Aged 60+** |
| **All SSBs** |   |   |   |   |   |   |
| 2011-2012 | 92 (60, 125) | 161 (130, 192) | 143 (96, 189) | 157 (117, 197) | 116 (81, 150) | 94 (57, 131) |
| 2013-2014 | 50 (34, 66) | 132 (81, 183) | 115 (52, 179) | 169 (130, 208) | 105 (78, 131) | 87 (48, 127) |
| 2015-2016 | 54 (13, 96) | 93 (50, 136) | 138 (104, 172) | 111 (89, 133) | 119 (100, 137) | 79 (60, 98) |
| 2017-2018 | 23 (0, 47) | 67 (36, 97) | 140 (90, 191) | 146 (115, 178) | 110 (82, 138) | 98 (79, 117) |
| P-value for linear trend | 0.002 | <0.001 | 0.845 | 0.284 | 0.978 | 0.876 |
| P-value for change | 0.001 | <0.001 | 0.949 | 0.680 | 0.799 | 0.835 |

Notes:

To obtain yearly estimates, separate models were fitted within each age subgroup; all estimates were adjusted for total caloric intake and whether the participant was someone female, of lower-income status, and with obesity. Participants missing values for income (n=352) or weight (n=36) were excluded. Negative predicted values were truncated at 0. To obtain linear trend estimates, separate models were fitted within each age subgroup using survey year as a continuous indicator, adjusting for all other covariates.

**Supplementary Table 5.** Age-specific trends in per capita calories consumed by Non-Hispanic Asian US children (aged 2-19) and adults (aged 20+) from SSBs from 2011 to 2018, by overall SSB and SSB subtype.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Survey Year** | **Aged 2-5** | **Aged 6-11** | **Aged 12-19** | **Aged 20-39** | **Aged 40-59** | **Aged 60+** |
| **All SSBs** |   |   |   |   |   |   |
| 2011-2012 | 95 (63, 128) | 161 (130, 192) | 145 (99, 191) | 157 (117, 197) | 116 (81, 150) | 94 (57, 131) |
| 2013-2014 | 52 (36, 68) | 131 (80, 183) | 109 (55, 163) | 169 (130, 208) | 105 (78, 131) | 87 (48, 127) |
| 2015-2016 | 56 (11, 102) | 96 (50, 143) | 135 (99, 172) | 111 (89, 133) | 119 (100, 137) | 79 (60, 98) |
| 2017-2018 | 26 (1, 51) | 67 (37, 97) | 141 (91, 191) | 146 (115, 178) | 110 (82, 138) | 98 (79, 117) |
| P-value for linear trend | 0.003 | <0.001 | 0.851 | 0.284 | 0.978 | 0.876 |
| **Soda** |   |   |   |   |   |   |
| 2011-2012 | 5 (1, 10) | 22 (14, 29) | 28 (16, 40) | 49 (29, 69) | 26 (16, 37) | 22 (0, 46) |
| 2013-2014 | 8 (0, 15) | 14 (8, 19) | 25 (9, 41) | 42 (21, 63) | 22 (15, 29) | 9 (3, 16) |
| 2015-2016 | 12 (0, 29) | 13 (4, 22) | 40 (23, 56) | 26 (15, 37) | 22 (6, 38) | 19 (10, 27) |
| 2017-2018 | 1 (0, 3) | 10 (2, 18) | 37 (14, 60) | 47 (15, 78) | 12 (8, 17) | 12 (2, 22) |
| P-value for linear trend | 0.542 | 0.041 | 0.286 | 0.692 | 0.030 | 0.579 |
| **Fruit drinks** |   |   |   |   |   |   |
| 2011-2012 | 10 (3, 18) | 45 (22, 69) | 24 (5, 43) | 21 (5, 37) | 8 (2, 14) | 9 (0, 21) |
| 2013-2014 | 12 (0, 34) | 17 (0, 33) | 14 (5, 23) | 13 (7, 20) | 7 (3, 10) | 10 (4, 16) |
| 2015-2016 | 7 (0, 22) | 14 (3, 24) | 11 (2, 20) | 7 (2, 12) | 4 (1, 6) | 2 (0, 4) |
| 2017-2018 | 11 (0, 23) | 15 (7, 24) | 10 (1, 19) | 7 (4, 11) | 10 (2, 19) | 3 (1, 6) |
| P-value for linear trend | 0.917 | 0.030 | 0.146 | 0.082 | 0.788 | 0.174 |
| **Energy/sports drinks** |   |   |   |   |   |
| 2011-2012 | 1 (0, 4) | 6 (0, 13) | 3 (0, 6) | 11 (0, 22) | 2 (0, 4) | 0 (0, 1) |
| 2013-2014 | 2 (0, 4) | 3 (0, 7) | 6 (0, 15) | 10 (4, 16) | 3 (0, 8) | 2 (0, 6) |
| 2015-2016 | 0 (0, 0) | 1 (0, 3) | 3 (0, 9) | 1 (0, 3) | 3 (0, 8) | 0 (0, 1) |
| 2017-2018 | 0 (0, 1) | 1 (0, 3) | 2 (0, 5) | 6 (1, 11) | 1 (0, 1) | 0 (0, 1) |
| P-value for linear trend | 0.177 | 0.168 | 0.462 | 0.241 | 0.429 | 0.353 |
| **Coffee SSBs** |   |   |   |   |   |   |
| 2011-2012 | 1 (0, 2) | 12 (0, 25) | 40 (17, 63) | 43 (21, 65) | 51 (34, 67) | 39 (18, 59) |
| 2013-2014 | 0 (0, 1) | 5 (0, 10) | 32 (1, 63) | 58 (39, 76) | 42 (26, 57) | 32 (15, 49) |
| 2015-2016 | 1 (0, 2) | 8 (0, 21) | 33 (1, 65) | 64 (46, 81) | 60 (39, 81) | 35 (24, 46) |
| 2017-2018 | 3 (0, 6) | 12 (3, 22) | 56 (28, 84) | 58 (30, 86) | 65 (41, 89) | 49 (30, 68) |
| P-value for linear trend | 0.278 | 0.949 | 0.413 | 0.371 | 0.182 | 0.386 |
| **Milk SSBs** |   |   |   |   |   |   |
| 2011-2012 | 42 (19, 66) | 67 (57, 77) | 42 (12, 72) | 15 (8, 23) | 10 (0, 20) | 14 (2, 26) |
| 2013-2014 | 17 (1, 34) | 78 (27, 130) | 23 (8, 38) | 28 (8, 48) | 16 (5, 28) | 17 (0, 45) |
| 2015-2016 | 14 (0, 29) | 15 (2, 27) | 31 (6, 55) | 8 (0, 18) | 20 (1, 38) | 8 (0, 16) |
| 2017-2018 | 10 (0, 30) | 22 (0, 47) | 32 (3, 60) | 19 (8, 31) | 9 (0, 19) | 17 (9, 25) |
| P-value for linear trend | 0.036 | <0.001 | 0.729 | 0.701 | 0.979 | 0.950 |
| **Low-cal SSBs** |   |   |   |   |   |   |
| 2011-2012 | 3 (0, 6) | 2 (0, 7) | 4 (0, 9) | 2 (0, 4) | 5 (2, 8) | 4 (1, 7) |
| 2013-2014 | 1 (0, 4) | 11 (0, 23) | 3 (0, 6) | 4 (0, 8) | 4 (1, 8) | 11 (2, 20) |
| 2015-2016 | 18 (0, 39) | 31 (4, 58) | 8 (2, 14) | 0 (0, 1) | 4 (0, 7) | 3 (0, 7) |
| 2017-2018 | 2 (0, 7) | 0 (0, 5) | 2 (0, 5) | 8 (0, 15) | 5 (1, 9) | 11 (2, 19) |
| P-value for linear trend | 0.317 | 0.437 | 0.782 | 0.310 | 0.833 | 0.515 |
| **Other SSBs** |   |   |   |   |   |   |
| 2011-2012 | 32 (11, 53) | 7 (0, 14) | 3 (0, 7) | 15 (4, 26) | 13 (0, 32) | 6 (0, 14) |
| 2013-2014 | 12 (0, 31) | 4 (0, 8) | 6 (0, 12) | 13 (2, 25) | 11 (1, 22) | 6 (2, 9) |
| 2015-2016 | 4 (0, 8) | 15 (0, 34) | 10 (0, 21) | 4 (0, 8) | 6 (2, 11) | 12 (3, 22) |
| 2017-2018 | 0 (0, 3) | 6 (0, 15) | 3 (0, 8) | 2 (0, 5) | 8 (2, 14) | 6 (3, 10) |
| P-value for linear trend | 0.003 | 0.654 | 0.770 | 0.007 | 0.485 | 0.637 |

Notes:

To obtain yearly estimates, separate models were fitted within each age subgroup; all estimates were adjusted for total caloric intake and whether the participant was someone female, of lower-income status, and with obesity. Participants missing values for income (n=352) or weight (n=36) were excluded. Negative predicted values were truncated at 0. To obtain linear trend estimates, separate models were fitted within each age subgroup using survey year as a continuous indicator, adjusting for all other covariates.

Underlining indicates evidence of a nonlinear trend in SSB consumption over time, as indicated by a statistically significant joint Wald test of the quadratic and cubic terms for survey year.