**Supplementary data**

**Supplemental Table 1.** Proportion of consumers of sugar-sweetened beverages (SSBs) by type of SSBs and sociodemographic characteristics from ENSANUT 2012.1,2,3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Consumers of Total SSBs** | **Consumers of Manufactured SSBs** | **Consumers of Homemade SSBs** |
| Total | | 76.3 ± 0.8 | 51.2 ± 0.9 | 45.0 ± 0.9 |
| Age | |  |  |  |
|  | 1-4 y | 69.2 ± 1.6 | 48.5 ± 1.8 | 34.1 ± 1.6 |
|  | 5-11 y | 72 ± 1.6 | 48 ± 1.4 | 39.3 ± 1.4 |
|  | 12-19 y | 81.7 ± 1.3 | 61.2 ± 1.6 | 39.7 ± 1.6 |
|  | 20-39 y | 82.1 ± 1.6 | 59.5 ± 2.1 | 48.2 ± 2.2 |
|  | 40-59 y | 76.7 ± 2.1 | 46.2 ± 2.3 | 51.5 ± 2.4 |
|  | >60 y | 65.4 ± 2.3 | 35.3 ± 2.5 | 46.2 ± 2.6 |
| Sex | |  |  |  |
|  | Male | 77.5 ± 1.1 | 54.6 ± 1.4 | 43.7 ± 1.4 |
|  | Female | 75 ± 1 | 47.8 ± 1.3 | 46.2 ± 1.3 |
| Geographical region | |  |  |  |
|  | North | 81 ± 1.2 | 63.7 ± 1.6 | 36.5 ± 1.6 |
|  | Central | 74 ± 1.3 | 52.3 ± 1.5 | 42.4 ± 1.5 |
|  | South | 76.7 ± 1.2 | 41.7 ± 1.4 | 54.2 ± 1.5 |
| Urbanicity | |  |  |  |
|  | Urban | 76.7 ± 0.9 | 54.3 ± 1.1 | 42.9 ± 1.2 |
|  | Rural | 75.1 ± 1.3 | 42.8 ± 1.4 | 50.7 ± 1.6 |
| Socioeconomic status index | |  |  |  |
|  | Lowest tertile | 77.5 ± 1.2 | 44.5 ± 1.5 | 52.5 ± 1.5 |
|  | Middle tertile | 77.1 ± 1.2 | 55.1 ± 1.5 | 42.3 ± 1.6 |
|  | Highest tertile | 74.6 ± 1.4 | 53.3 ± 1.7 | 41.1 ± 1.7 |
| Educational Level4 | |  |  |  |
|  | Lower than elementary school | 70.6 ± 2.9 | 32.7 ± 3.3 | 49.5 ± 3.3 |
|  | Finished elementary school | 77.7 ± 1.3 | 50 ± 1.8 | 47.9 ± 1.6 |
|  | Finished middle school | 81.6 ± 1.6 | 60.3 ± 2.2 | 47.7 ± 2.2 |
|  | Finished high school or higher | 76.1 ± 2.8 | 53.2 ± 2.9 | 44.4 ± 3 |

1 Data are from the 2012 Mexican National Health and Nutrition Survey (ENSANUT 2012). n=10,096

2 ‘Consumers SSBs’ includes consumers of either manufactured or homemade SSBs. SSBs defined as any non-dairy beverage with sugar added either during their industrial production or during the preparation at home. Manufactured SSBs include: soft drinks, packed fruit juice beverages, packaged vegetable juice beverages, flavored waters (ready-to-drink and prepared from syrup or powder), iced teas, soy drinks, and sports and energy drinks. Homemade SSBs include: “Aguas frescas” (beverages prepared with water, fruit, and sugar), “atole” (corn meal beverage), and homemade coffee or tea with sugar.

3 Values are weighted percentages ± SE.

4 Educational level is only from adults (>20 y).

**Supplemental Table 2.** Estimated per-capita energy intake (kcal/d) at the 50th, 75th and 90th percentiles from total, manufactured and homemade sugar-sweetened beverages (SSBs) from ENSANUT 2012.1,2,3

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Total SSBs** | **Manufactured SSBs** | **Homemade SSBs** |
| **Preschool children4** (n=2,113) | | |  |  |  |
|  | 50th percentile | | 58 ± 4 | 11 ± 4 | 0 ± 0 |
|  | 75th percentile | | 120 ± 5 | 80 ± 4 | 41 ± 5 |
|  | 90th percentile | | 200 ± 10 | 145 ± 6 | 109 ± 6 |
| **School-aged children**5 (n=2,753) | | |  |  |  |
|  | 50th percentile | | 99 ± 4 | 18 ± 5 | 2 ± 3 |
|  | 75th percentile | | 197 ± 7 | 120 ± 4 | 74 ± 6 |
|  | 90th percentile | | 298 ± 10 | 209 ± 10 | 175 ± 11 |
| **Adolescents6** | | |  |  |  |
|  | *Males* (n=1,025) | |  |  |  |
|  |  | 50th percentile | 175 ± 12 | 111 ± 12 | 6 ± 5 |
|  |  | 75th percentile | 323 ± 22 | 258 ± 19 | 71 ± 11 |
|  |  | 90th percentile | 506 ± 22 | 413 ± 25 | 190 ± 25 |
|  | *Females* (n=1,031) | |  |  |  |
|  |  | 50th percentile | 133 ± 11 | 79 ± 8 | 8 ± 4 |
|  |  | 75th percentile | 263 ± 17 | 178 ± 13 | 72 ± 10 |
|  |  | 90th percentile | 401 ± 30 | 318 ± 20 | 184 ± 33 |
| **Adults7** | | |  |  |  |
|  | *Males (n=1,375)* | |  |  |  |
|  |  | 50th percentile | 178 ± 9 | 99 ± 14 | 18 ± 7 |
|  |  | 75th percentile | 296 ± 15 | 219 ± 9 | 96 ± 14 |
|  |  | 90th percentile | 482 ± 24 | 357 ± 20 | 225 ± 22 |
|  | *Females (n=1,799)* | |  |  |  |
|  |  | 50th percentile | 108 ± 7 | 20 ± 11 | 17 ± 5 |
|  |  | 75th percentile | 230 ± 8 | 152 ± 9 | 90 ± 6 |
|  |  | 90th percentile | 357 ± 22 | 253 ± 13 | 192 ± 16 |

1 Data are from the 2012 Mexican National Health and Nutrition Survey (ENSANUT 2012).

2 Total SSBs include manufactured and homemade SSBs. Manufactured SSBs include: soft drinks, packaged fruit juice beverages, packaged vegetable juice beverages, flavored waters (ready-to-drink and prepared from syrup or powder), iced teas, soy drinks, and sports and energy drinks. Homemade SSBs include: “Aguas frescas” (beverages prepared with water, fruit, and sugar), “atole” (corn meal beverage), and homemade coffee or tea with sugar.

3 Values are estimates ± SE from quantile regression at the 50th, 75th and 90th percentile obtained with Stata’s margins command. Standard errors for the quantile regressions were obtained through bootstrapping with 100 replications.

4 Aged 1-4 years. Adjusted by SES, age (linear), sex, geographical region, urbanicity and weekend.

5 Aged 5-11 years. Adjusted by SES, age (splines with 3 knots), sex, geographical region, urbanicity and weekend.

6 Aged 12-19 years. Adjusted by SES, age (splines with 3 knots), geographical region, urbanicity and weekend.

7 Aged ≥20 years. Adjusted by SES, age (splines with 4 knots), geographical region, urbanicity, education level and weekend.

**Supplemental Table 3.** Estimated per-consumer energy intake (kcal/d) at the 50th, 75th and 90th percentiles from total, manufactured and homemade sugar-sweetened beverages (SSBs) from ENSANUT 2012.1,2,3

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Total SSBs** | **Manufactured SSBs** | **Homemade SSBs** |
| **Preschool children4** | | | *n=1,441* | *n=1,043* | *n=675* |
|  | 50th percentile | | 95 ± 3 | 91 ± 4 | 67 ± 5 |
|  | 75th percentile | | 151 ± 5 | 130 ± 7 | 118 ± 7 |
|  | 90th percentile | | 239 ± 16 | 204 ± 14 | 195 ± 21 |
| **School-aged children**5 | | | *n=2,106* | *n=1,444* | *n=1,112* |
|  | 50th percentile | | 141 ± 5 | 123 ± 4 | 106 ± 5 |
|  | 75th percentile | | 236 ± 6 | 197 ± 7 | 183 ± 11 |
|  | 90th percentile | | 345 ± 14 | 289 ± 10 | 284 ± 24 |
| **Adolescents6** | | |  |  |  |
|  | *Males* | | *n=838* | *n=659* | *n=402* |
|  |  | 50th percentile | 223 ± 14 | 221 ± 15 | 104 ± 13 |
|  |  | 75th percentile | 374 ± 28 | 338 ± 26 | 197 ± 27 |
|  |  | 90th percentile | 535 ± 21 | 501 ± 26 | 302 ± 40 |
|  | *Females* | | *n=830* | *n=608* | *n=409* |
|  |  | 50th percentile | 169 ± 11 | 156 ± 10 | 98 ± 11 |
|  |  | 75th percentile | 303 ± 18 | 251 ± 18 | 182 ± 26 |
|  |  | 90th percentile | 444 ± 33 | 376 ± 27 | 349 ± 43 |
| **Adults7** | | |  |  |  |
|  | *Males* | | *n=1,071* | *n=727* | *n=655* |
|  |  | 50th percentile | 224 ± 7 | 227 ± 6 | 101 ± 7 |
|  |  | 75th percentile | 351 ± 18 | 324 ± 14 | 186 ± 22 |
|  |  | 90th percentile | 524 ± 23 | 450 ± 20 | 334 ± 35 |
|  | *Females* | | *n=1,330* | *n=772* | *n=905* |
|  |  | 50th percentile | 163 ± 9 | 172 ± 11 | 91 ± 5 |
|  |  | 75th percentile | 271 ± 10 | 254 ± 10 | 158 ± 12 |
|  |  | 90th percentile | 423 ± 24 | 375 ± 28 | 288 ± 20 |

1 Data are from the 2012 Mexican National Health and Nutrition Survey (ENSANUT 2012).

2 Total SSBs include manufactured and homemade SSBs. Manufactured SSBs include: soft drinks, packaged fruit juice beverages, packaged vegetable juice beverages, flavored waters (ready-to-drink and prepared from syrup or powder), iced teas, soy drinks, and sports and energy drinks. Homemade SSBs include: “Aguas frescas” (beverages prepared with water, fruit, and sugar), “atole” (corn meal beverage), and homemade coffee or tea with sugar.

3 Values are estimates ± SE from quantile regression at the 50th, 75th and 90th percentile obtained with Stata’s margins command. Standard errors for the quantile regressions were obtained through bootstrapping with 100 replications.

4 Aged 1-4 years. Adjusted by SES, age (linear), sex, geographical region, urbanicity and weekend.

5 Aged 5-11 years. Adjusted by SES, age (splines with 3 knots), sex, geographical region, urbanicity and weekend.

6 Aged 12-19 years. Adjusted by SES, age (splines with 3 knots), geographical region, urbanicity and weekend.

7 Aged ≥20 years. Adjusted by SES, age (splines with 4 knots), geographical region, urbanicity, education level and weekend.

**Supplemental Table 4.** Estimated per-capita energy intake (kcal/d) at the 50th, 75th and 90th percentiles for total, manufactured and homemade sugar-sweetened beverages (SSBs) by sample characteristics among Mexican preschoolers (1-4 y), ENSANUT 2012.1,2,3

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Total SSBs** | | | **Manufactured SSBs** | | | **Homemade SSBs** | | | |
|  |  | *50th percentile* | *75th percentile* | *90th percentile* | *50th percentile* | *75th percentile* | *90th percentile* | *50th percentile* | *75th percentile* | *90th percentile* |
| Sex | |  |  |  |  |  |  |  |  |  |
|  | Male | 59 ± 5 | 125 ± 7 | 209 ± 15 | 11 ± 4 | 78 ± 6 | 147 ± 8 | 0 ± 0 | 46 ± 7 | 120 ± 9 |
|  | Female | 57 ± 5 | 115 ± 6 | 192 ± 11 | 11 ± 5 | 82 ± 7 | 144 ± 9 | 0 ± 0 | 36 ± 6 | 98 ± 8 \* |
| Geographical region | |  |  |  |  |  |  |  |  |  |
|  | North | 80 ± 9 | 151 ± 10 | 227 ± 23 | 54 ± 8 | 113 ± 10 | 189 ± 18 | 0 ± 0 | 23 ± 6 | 75 ± 9 |
|  | Central | 49 ± 6 † | 108 ± 7 † | 183 ± 17 | 1 ± 5 † | 75 ± 8 † | 133 ± 9 † | 0 ± 0 | 36 ± 8 | 105 ± 11 |
|  | South | 59 ± 5 | 120 ± 10 † | 209 ± 12 | 1 ± 5 † | 68 ± 6 † | 137 ± 9 † | 0 ± 0 | 60 ± 8 † | 135 ± 13 † |
| Urbanicity | |  |  |  |  |  |  |  |  |  |
|  | Urban | 56 ± 5 | 123 ± 6 | 209 ± 13 | 11 ± 4 | 84 ± 6 | 149 ± 7 | 0 ± 0 | 40 ± 6 | 109 ± 8 |
|  | Rural | 64 ± 6 | 114 ± 7 | 178 ± 13 | 11 ± 4 | 71 ± 7 | 136 ± 10 | 0 ± 0 | 44 ± 8 | 108 ± 11 |
| Socioeconomic status index | |  |  |  |  |  |  |  |  |  |
|  | Lowest tertile | 50 ± 7 | 121 ± 12 | 219 ± 19 | 11 ± 3 | 70 ± 10 | 136 ± 9 | 0 ± 0 | 41 ± 8 | 120 ± 14 |
|  | Middle tertile | 53 ± 7 | 113 ± 7 | 191 ± 13 | 11 ± 3 | 76 ± 8 | 147 ± 9 | 0 ± 0 | 39 ± 8 | 89 ± 8 |
|  | Highest tertile | 74 ± 8 | 128 ± 7 | 192 ± 21 | 13 ± 11 | 95 ± 6 | 154 ± 12 | 0 ± 0 | 44 ± 10 | 120 ± 13 |

1 Data are from the 2012 Mexican National Health and Nutrition Survey (ENSANUT 2012).

2 Values are estimates ± SE from quantile regression at the 50th, 75th and 90th percentile obtained with Stata’s margins command. Standard errors for the quantile regressions were obtained through bootstrapping with 100 replications.

3 n= 2,113. Adjusted also by age (linear) and weekend.

Differences were considered statistically significant at p<0.05, with Bonferroni correction for multiple comparisons.

\* Comparisons of males vs females

† Comparisons of Central vs North, and South vs North regions.

**Supplemental Table 5.** Estimated per-capita energy intake (kcal/d) at the 50th, 75th and 90th percentiles for total, manufactured and homemade sugar-sweetened beverages (SSBs) by sample characteristics among Mexican school-aged children (5-11 y), ENSANUT 2012.1,2,3

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Total SSBs** | | | **Manufactured SSBs** | | | **Homemade SSBs** | | |
|  |  | *50th percentile* | *75th percentile* | *90th percentile* | *50th percentile* | *75th percentile* | *90th percentile* | *50th percentile* | *75th percentile* | *90th percentile* |
| Sex | |  |  |  |  |  |  |  |  |  |
|  | Male | 104 ± 8 | 203 ± 10 | 313 ± 15 | 18 ± 5 | 126 ± 7 | 219 ± 11 | 2 ± 3 | 70 ± 9 | 182 ± 18 |
|  | Female | 93 ± 6 | 191 ± 8 | 283 ± 13 | 18 ± 5 | 113 ± 6 | 198 ± 14 | 2 ± 3 | 78 ± 6 | 168 ± 12 |
| Geographical region | |  |  |  |  |  |  |  |  |  |
|  | North | 111 ± 12 | 213 ± 10 | 334 ± 18 | 99 ± 8 | 192 ± 11 | 292 ± 20 | 0 ± 2 | 29 ± 5 | 90 ± 12 |
|  | Central | 95 ± 7 | 189 ± 12 | 281 ± 15 † | 0 ± 0 † | 109 ± 7 † | 189 ± 14 † | 0 ± 2 | 70 ± 9 † | 168 ± 19 † |
|  | South | 98 ± 7 | 200 ± 10 | 304 ± 16 | 0 ± 0 † | 98 ± 7 † | 194 ± 13 † | 6 ± 8 | 103 ± 10 † | 229 ± 16 † |
| Urbanicity | |  |  |  |  |  |  |  |  |  |
|  | Urban | 101 ± 5 | 202 ± 9 | 305 ± 14 | 18 ± 5 | 123 ± 6 | 215 ± 13 | 2 ± 3 | 71 ± 8 | 181 ± 13 |
|  | Rural | 94 ± 7 | 185 ± 10 | 282 ± 14 | 18 ± 4 | 113 ± 9 | 194 ± 14 | 2 ± 6 | 81 ± 7 | 162 ± 17 |
| Socioeconomic status index | |  |  |  |  |  |  |  |  |  |
|  | Lowest tertile | 91 ± 7 | 190 ± 13 | 289 ± 17 | 18 ± 4 | 115 ± 8 | 200 ± 18 | 2 ± 4 | 68 ± 6 | 146 ± 13 |
|  | Middle tertile | 102 ± 8 | 206 ± 11 | 325 ± 20 | 18 ± 5 | 118 ± 7 | 221 ± 13 | 2 ± 3 | 84 ± 9 | 189 ± 17 ‡ |
|  | Highest tertile | 104 ± 11 | 195 ± 10 | 278 ± 15 | 18 ± 11 | 127 ± 10 | 206 ± 15 | 2 ± 3 | 70 ± 10 | 194 ± 25 |

1 Data are from the 2012 Mexican National Health and Nutrition Survey (ENSANUT 2012).

2 Values are estimates ± SE from quantile regression at the 50th, 75th and 90th percentile obtained with Stata’s margins command. Standard errors for the quantile regressions were obtained through bootstrapping with 100 replications.

3 n= 2,753. Adjusted also by age (splines with 3 knots) and weekend.

Differences were considered statistically significant at p<0.05, with Bonferroni correction for multiple comparisons.

† Comparisons of Central vs North, and South vs North regions.

‡ Comparisons of middle vs lowest, and highest vs lowest tertiles of SES.

**Supplemental Table 6.** Estimated per-capita energy intake (kcal/d) at the 50th, 75th and 90th percentiles for total, manufactured and homemade sugar-sweetened beverages (SSBs) by sample characteristics among Mexican adolescents (12-19 y), ENSANUT 2012.1,2,3

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Total SSBs** | | | **Manufactured SSBs** | | | **Homemade SSBs** | | |
|  |  | *50th percentile* | *75th percentile* | *90th percentile* | *50th percentile* | *75th percentile* | *90th percentile* | *50th percentile* | *75th percentile* | *90th percentile* |
| **Males** | |  |  |  |  |  |  |  |  |  |
| Geographical region | |  |  |  |  |  |  |  |  |  |
|  | North | 221 ± 26 | 404 ± 33 | 559 ± 40 | 181 ± 21 | 333 ± 32 | 477 ± 40 | 6 ± 5 | 47 ± 14 | 136 ± 34 |
|  | Central | 157 ± 22 | 311 ± 35 | 493 ± 30 | 95 ± 19 † | 252 ± 29 | 405 ± 39 | 6 ± 5 | 71 ± 15 | 199 ± 35 |
|  | South | 174 ± 18 | 293 ± 24 † | 493 ± 49 | 93 ± 19 † | 222 ± 27 † | 386 ± 46 | 6 ± 9 | 87 ± 20 | 209 ± 30 |
| Urbanicity | |  |  |  |  |  |  |  |  |  |
|  | Urban | 179 ± 16 | 316 ± 25 | 470 ± 23 | 116 ± 14 | 256 ± 25 | 421 ± 30 | 0 ± 4 | 61 ± 12 | 175 ± 21 |
|  | Rural | 165 ± 21 | 341 ± 40 | 594 ± 70 | 99 ± 20 | 265 ± 31 | 393 ± 38 | 22 ± 15 | 96 ± 23 | 227 ± 61 |
| Socioeconomic status index | |  |  |  |  |  |  |  |  |  |
|  | Lowest tertile | 168 ± 22 | 309 ± 32 | 460 ± 34 | 100 ± 18 | 236 ± 36 | 404 ± 42 | 6 ± 11 | 84 ± 15 | 188 ± 34 |
|  | Middle tertile | 207 ± 26 | 378 ± 46 | 590 ± 48 | 141 ± 25 | 308 ± 41 | 498 ± 51 | 6 ± 5 | 78 ± 24 | 233 ± 42 |
|  | Highest tertile | 153 ± 22 | 288 ± 23 | 468 ± 27 | 94 ± 18 | 233 ± 22 | 349 ± 28 | 6 ± 5 | 56 ± 16 | 156 ± 36 |
| **Females** | |  |  |  |  |  |  |  |  |  |
| Geographical region | |  |  |  |  |  |  |  |  |  |
|  | North | 174 ± 16 | 293 ± 36 | 465 ± 41 | 126 ± 19 | 224 ± 23 | 385 ± 40 | 0 ± 3 | 33 ± 10 | 137 ± 38 |
|  | Central | 115 ± 14 † | 251 ± 22 | 376 ± 43 | 74 ± 10 † | 167 ± 17 | 299 ± 29 | 0 ± 3 | 74 ± 17 † | 197 ± 44 |
|  | South | 133 ± 20 | 261 ± 24 | 398 ± 42 | 57 ± 14 † | 164 ± 23 | 305 ± 23 | 26 ± 11 | 92 ± 13 † | 194 ± 30 |
| Urbanicity | |  |  |  |  |  |  |  |  |  |
|  | Urban | 146 ± 15 | 278 ± 21 | 427 ± 38 | 102 ± 12 | 191 ± 16 | 345 ± 29 | 8 ± 4 | 75 ± 13 | 189 ± 35 |
|  | Rural | 100 ± 14 § | 226 ± 24 | 338 ± 34 | 23 ± 15 § | 145 ± 22 | 253 ± 27 § | 8 ± 6 | 64 ± 14 | 173 ± 33 |
| Socioeconomic status index | |  |  |  |  |  |  |  |  |  |
|  | Lowest tertile | 130 ± 15 | 247 ± 23 | 388 ± 33 | 82 ± 11 | 148 ± 25 | 319 ± 42 | 8 ± 8 | 76 ± 15 | 150 ± 34 |
|  | Middle tertile | 146 ± 16 | 266 ± 20 | 390 ± 28 | 81 ± 10 | 193 ± 17 | 307 ± 26 | 8 ± 3 | 79 ± 14 | 194 ± 31 |
|  | Highest tertile | 124 ± 18 | 271 ± 35 | 418 ± 60 | 75 ± 14 | 187 ± 22 | 327 ± 29 | 8 ± 3 | 63 ± 16 | 200 ± 60 |

1 Data are from the 2012 Mexican National Health and Nutrition Survey (ENSANUT 2012).

2 Values are estimates ± SE from quantile regression at the 50th, 75th and 90th percentile obtained with Stata’s margins command. Standard errors for the quantile regressions were obtained through bootstrapping with 100 replications.

3 n= 2,056. Adjusted also by age (splines with 3 knots) and weekend.

Differences were considered statistically significant at p<0.05, with Bonferroni correction for multiple comparisons.

† Comparisons of Central vs North, and South vs North regions.

§ Comparisons of rural vs urban.

**Supplemental Table 7.** Estimated per-capita energy intake (kcal/d) at the 50th, 75th and 90th percentiles for total, manufactured and homemade sugar-sweetened beverages (SSBs) by sample characteristics among Mexican adults (≥20 y), ENSANUT 2012.1,2,3

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Total SSBs** | | | **Manufactured SSBs** | | | **Homemade SSBs** | | | |
|  |  | *50th percentile* | *75th percentile* | *90th percentile* | *50th percentile* | *75th percentile* | *90th percentile* | *50th percentile* | *75th percentile* | *90th percentile* |
| **Males** | |  |  |  |  |  |  |  |  |  |
| Geographical region | |  |  |  |  |  |  |  |  |  |
|  | North | 191 ± 16 | 318 ± 24 | 505 ± 35 | 148 ± 21 | 287 ± 20 | 439 ± 32 | 8 ± 6 | 63 ± 11 | 175 ± 31 |
|  | Central | 171 ± 14 | 265 ± 23 | 456 ± 32 | 86 ± 18 † | 201 ± 16 † | 310 ± 27 † | 8 ± 10 | 97 ± 20 | 215 ± 29 |
|  | South | 180 ± 15 | 330 ± 31 | 509 ± 39 | 87 ± 17 † | 202 ± 18 † | 377 ± 36 | 41 ± 10 † | 115 ± 18 † | 274 ± 30 † |
| Urbanicity | |  |  |  |  |  |  |  |  |  |
|  | Urban | 195 ± 11 | 315 ± 21 | 504 ± 33 | 106 ± 16 | 235 ± 11 | 376 ± 26 | 18 ± 7 | 103 ± 16 | 245 ± 28 |
|  | Rural | 132 ± 12 § | 247 ± 18 § | 425 ± 33 | 80 ± 13 | 179 ± 17 § | 309 ± 28 | 18 ± 6 | 75 ± 12 | 171 ± 24 § |
| Socioeconomic status index | |  |  |  |  |  |  |  |  |  |
|  | Lowest tertile | 153 ± 15 | 272 ± 27 | 494 ± 48 | 79 ± 15 | 192 ± 19 | 355 ± 38 | 33 ± 9 | 99 ± 19 | 269 ± 33 |
|  | Middle tertile | 190 ± 15 | 299 ± 21 | 469 ± 43 | 118 ± 21 | 248 ± 15 ‡ | 372 ± 28 | 11 ± 5 | 70 ± 14 | 163 ± 26 ‡ |
|  | Highest tertile | 189 ± 16 | 314 ± 28 | 483 ± 39 | 100 ± 22 | 219 ± 15 | 348 ± 32 | 11 ± 11 | 114 ± 24 | 239 ± 43 |
| Educational Level | |  |  |  |  |  |  |  |  |  |
|  | Lower than elementary school | 183 ± 21 | 341 ± 38 | 456 ± 71 | 105 ± 25 | 222 ± 25 | 374 ± 62 | 18 ± 9 | 81 ± 18 | 204 ± 41 |
|  | Finished elementary school | 194 ± 17 | 320 ± 26 | 497 ± 32 | 99 ± 22 | 243 ± 16 | 368 ± 26 | 18 ± 7 | 112 ± 18 | 257 ± 40 |
|  | Finished middle school | 187 ± 19 | 299 ± 40 | 502 ± 57 | 129 ± 23 | 224 ± 16 | 362 ± 42 | 18 ± 11 | 90 ± 21 | 211 ± 36 |
|  | Finished high school or higher | 187 ± 19 | 299 ± 40 | 502 ± 57 | 129 ± 23 | 224 ± 16 | 362 ± 42 | 18 ± 11 | 90 ± 21 | 211 ± 36 |
| **Females** | |  |  |  |  |  |  |  |  |  |
| Geographical region | |  |  |  |  |  |  |  |  |  |
|  | North | 138 ± 19 | 272 ± 19 | 393 ± 30 | 55 ± 23 | 198 ± 17 | 296 ± 26 | 11 ± 6 | 78 ± 13 | 205 ± 27 |
|  | Central | 101 ± 10 | 221 ± 13 | 346 ± 31 | 12 ± 13 | 154 ± 16 | 257 ± 18 | 13 ± 6 | 81 ± 8 | 158 ± 18 |
|  | South | 102 ± 11 | 217 ± 14 | 351 ± 24 | 11 ± 9 | 121 ± 12 † | 219 ± 20 † | 28 ± 8 | 110 ± 11 | 239 ± 25 |
| Urbanicity | |  |  |  |  |  |  |  |  |  |
|  | Urban | 113 ± 9 | 239 ± 9 | 371 ± 24 | 20 ± 12 | 163 ± 12 | 270 ± 13 | 17 ± 6 | 89 ± 7 | 193 ± 17 |
|  | Rural | 93 ± 10 | 201 ± 16 § | 312 ± 28 § | 20 ± 8 | 120 ± 11 § | 200 ± 22 § | 17 ± 7 | 91 ± 10 | 191 ± 25 |
| Socioeconomic status index | |  |  |  |  |  |  |  |  |  |
|  | Lowest tertile | 94 ± 10 | 214 ± 18 | 359 ± 30 | 20 ± 10 | 134 ± 16 | 234 ± 22 | 19 ± 8 | 80 ± 12 | 188 ± 26 |
|  | Middle tertile | 122 ± 11 | 235 ± 16 | 361 ± 27 | 20 ± 14 | 160 ± 18 | 275 ± 24 | 18 ± 6 | 99 ± 11 | 195 ± 20 |
|  | Highest tertile | 108 ± 13 | 236 ± 15 | 353 ± 42 | 20 ± 10 | 159 ± 16 | 249 ± 27 | 15 ± 6 | 89 ± 10 | 193 ± 23 |
| Educational Level | |  |  |  |  |  |  |  |  |  |
|  | Lower than elementary school | 110 ± 18 | 225 ± 19 | 331 ± 43 | 20 ± 13 | 166 ± 28 | 266 ± 30 | 10 ± 8 | 71 ± 14 | 176 ± 36 |
|  | Finished elementary school | 103 ± 13 | 223 ± 12 | 337 ± 36 | 20 ± 13 | 155 ± 17 | 250 ± 27 | 13 ± 6 | 78 ± 10 | 180 ± 25 |
|  | Finished middle school | 122 ± 17 | 254 ± 24 | 392 ± 42 | 20 ± 10 | 175 ± 19 | 263 ± 22 | 29 ± 10 | 105 ± 14 | 197 ± 31 |
|  | Finished high school or higher | 122 ± 17 | 254 ± 24 | 392 ± 42 | 20 ± 10 | 175 ± 19 | 263 ± 22 | 29 ± 10 | 105 ± 14 | 197 ± 31 |

1 Data are from the 2012 Mexican National Health and Nutrition Survey (ENSANUT 2012).

2 Values are estimates ± SE from quantile regression at the 50th, 75th and 90th percentile obtained with Stata’s margins command. Standard errors for the quantile regressions were obtained through bootstrapping with 100 replications.

3 n= 3,174. Adjusted also by age (splines with 4 knots) and weekend.

Differences were considered statistically significant at p<0.05, with Bonferroni correction for multiple comparisons.

† Comparisons of Central vs North, and South vs North regions.

§ Comparisons of rural vs urban.

‡ Comparisons of middle vs lowest, and highest vs lowest tertiles of SES.