

Supplemental Online Content

Batis C, Castellanos-Gutiérrez A, Sánchez-Pimienta TG, et al. Comparison of dietary intake before vs after taxes on sugar-sweetened beverages and nonessential energy-dense foods in Mexico, 2012 to 2018. *JAMA Netw Open.* 2023;6(7):e2325191. doi:10.1001/jamanetworkopen.2023.25191

eTable. Contribution to Volume of Taxed and Untaxed Beverages and Contribution to Energy of Taxed and Untaxed Foods in 2012 (Pretax) and 2016 (Posttax) by Sociodemographic Characteristics According to 24-Hour Dietary Recalls

eFigure 1. Flowchart of Final Analytical Sample With 24-hr Dietary Recalls

eFigure 2. Flowchart of Final Analytical Sample With Food Frequency Questionnaires

This supplemental material has been provided by the authors to give readers additional information about their work.

eTable. Contribution to Volume of Taxed and Untaxed Beverages and Contribution to Energy of Taxed and Untaxed Foods in 2012 (Pretax) and 2016 (Posttax) by Sociodemographic Characteristics According to 24-Hour Dietary Recalls¹

	2012 Mean ± SE	2016 vs 2012 β (95% CI)	2012 Mean ± SE	2016 vs 2012 β (95% CI)	2012 Mean ± SE	2016 vs 2012 β (95% CI)	2012 Mean ± SE	2016 vs 2012 β (95% CI)
	Children 1-4y		Children 5-11y		Adolescents		Adults	
Sample size, n	2,113	502	2,753	1,095	2,056	1,241	3,174	21,296
Total Energy, kcal	1347.6 ± 21.7	-142.1 (-230.5, -53.8)	1818.7 ± 24.9	-146.7 (-236, -57.3)	2071 ± 30.7	-59.8 (-159.4, 39.8)	1996.8 ± 27.6	-52.9 (-150.7, 45)
All beverages, ml	897.8 ± 20.8	64.7 (-29.4, 158.8)	1111.9 ± 23.1	9.1 (-58.3, 76.4)	1425.6 ± 29.3	205.7 (114.1, 297.3)	1568.9 ± 27.1	146.9 (31.2, 262.6)
Taxed beverages, % ml from beverages	18.1 ± 0.8	1 (-1.9, 3.8)	21.4 ± 0.8	-3.3 (-5.7, -1)	28.1 ± 1	-6.6 (-10.1, -3)	20.1 ± 0.7	-1.7 (-4.8, 1.3)
Carbonated beverages, % ml from beverages	5.8 ± 0.5	2 (-0.1, 4)	10.0 ± 0.6	1.1 (-1.1, 3.4)	18.3 ± 0.8	-3.6 (-6.4, -0.9)	14.7 ± 0.6	-0.2 (-3.1, 2.6)
Non-carbonated beverages, % ml from beverages	12.4 ± 0.7	-1.1 (-3.7, 1.5)	11.4 ± 0.6	-4.5 (-6.2, -2.7)	9.8 ± 0.8	-3 (-5, -1)	5.4 ± 0.4	-1.5 (-3, -0.1)
All foods, kcal	1019.7 ± 20.8	-94 (-175.7, -12.4)	1511.9 ± 22.2	-131.7 (-213.5, -50)	1719.7 ± 28.4	-41.4 (-138.7, 55.9)	1627.8 ± 23.6	-46.2 (-130.2, 37.7)
Taxed foods, % kcal from foods	25.3 ± 0.8	-6.7 (-9.6, -3.8)	23.1 ± 0.6	-3 (-5.4, -0.6)	21.4 ± 0.7	-4.3 (-6.6, -2)	14.2 ± 0.4	-2.2 (-4, -0.4)
Sweet bread from bakery, % kcal from foods	7.8 ± 0.6	-3.5 (-5.2, -1.9)	6.0 ± 0.4	-1.1 (-2.6, 0.5)	5.7 ± 0.5	0.3 (-1.2, 1.7)	6.7 ± 0.4	0.9 (-1, 2.8)
Packaged sweet bread and cookies ² , % kcal from foods	6.7 ± 0.5	-0.1 (-2.2, 1.9)	6.5 ± 0.4	-1.5 (-2.8, -0.2)	6.2 ± 0.4	-2.1 (-3.3, -1.9)	3.8 ± 0.3	-1.6 (-2.4, -0.7)
Other taxed foods ³ , % kcal from foods	10.8 ± 0.5	-3 (-4.8, -1.1)	10.6 ± 0.4	-0.4 (-2, 1.1)	9.5 ± 0.5	-2.5 (-4.2, -2.1)	3.7 ± 0.2	-1.5 (-2.2, -0.9)
	Men		Women		Urban		Rural	
Sample size, n	4,899	1, 870	5, 197	2, 264	6, 312	1, 948	3, 784	2, 186
Total Energy, kcal	2135.7 ± 29.6	-32.7 (-132.4, 67.1)	1725.1 ± 21.1	-110.4 (-192.6, -28.2)	1945.0 ± 22.7	-92.6 (-174.2, -10.9)	1889.9 ± 31.7	-46.5 (-135.6, 42.5)
All beverages, ml	1567.0 ± 29.7	203.3 (86.4, 320.2)	1290.6 ± 20.1	68.9 (-12.5, 150.4)	1472.7 ± 22.4	114.6 (23.2, 206.1)	1344.8 ± 32.4	152.6 (43.3, 261.9)
Taxed beverages, % ml from beverages	23.2 ± 0.7	-1.4 (-4.1, 1.3)	19.4 ± 0.7	-3.1 (-5.9, -0.3)	22.7 ± 0.6	-2.8 (-5.6, 0)	19.4 ± 0.8	-0.9 (-3.5, 1.7)
Carbonated beverages, % ml from beverages	16.1 ± 0.7	-0.4 (-2.9, 2.1)	11.5 ± 0.5	0.1 (-2.4, 2.6)	14.6 ± 0.5	-0.6 (-3.1, 1.9)	12.8 ± 0.7	0.8 (-1.5, 3.1)
Non-carbonated beverages, % ml from beverages	7.1 ± 0.5	-1 (-2.6, 0.6)	7.9 ± 0.4	-3.2 (-4.3, -2.1)	8.1 ± 0.4	-2.2 (-3.6, -0.8)	6.6 ± 0.4	-1.7 (-2.6, -0.8)
All foods, kcal	1733.6 ± 24.5	-53.3 (-135.7, 29.1)	1418.2 ± 18.7	-65.8 (-142.3, 10.6)	1573.6 ± 19.5	-65.6 (-136.6, 5.5)	1568.7 ± 28.4	-60.8 (-139.8, 18.1)
Taxed foods, % kcal from foods	16.9 ± 0.5	-2.1 (-3.6, -0.6)	18.1 ± 0.4	-3.9 (-5.8, -1.9)	18.2 ± 0.4	-3.4 (-5, -1.9)	15.9 ± 0.6	-1.4 (-3, 0.3)
Sweet bread from bakery, % kcal from foods	6.5 ± 0.4	0.9 (-0.5, 2.3)	6.7 ± 0.4	-0.6 (-2.6, 1.4)	6.4 ± 0.3	0.5 (-1.1, 2.2)	6.3 ± 0.5	-0.2 (-1.6, 1.1)
Packaged sweet bread and cookies ² , % kcal from foods	5.0 ± 0.3	-1.6 (-2.5, -0.6)	4.6 ± 0.2	-1.4 (-2.2, -0.6)	5.0 ± 0.2	-1.9 (-2.6, -1.1)	4.3 ± 0.4	-0.6 (-1.8, 0.5)
Other taxed foods ³ , % kcal from foods	5.4 ± 0.3	-1.4 (-2.1, -0.7)	6.7 ± 0.2	-1.9 (-2.7, -1)	6.8 ± 0.2	-2.1 (-2.8, -1.4)	5.4 ± 0.3	-0.5 (-1.1, 0.1)
	SES1		SES2		SES3			
Sample size, n	3,679	1, 429	3, 544	1, 491	2,843	1, 214		
Total Energy, kcal	1900.2 ± 39.2	-70.4 (-162.3, 21.6)	1936.2 ± 29.2	-72.8 (-176.4, 30.8)	1908.9 ± 33.2	-81.6 (-196.6, 33.5)		
All beverages, ml	1350.9 ± 45.1	169.6 (25.4, 313.7)	1380.9 ± 31.3	159.7 (42.5, 276.8)	1455.3 ± 35.1	67.4 (-66.6, 201.5)		
Taxed beverages, % ml from beverages	20.5 ± 1	-1.3 (-3.6, 1)	22.7 ± 0.9	-3.7 (-6.6, -0.9)	21.9 ± 1.1	-2.1 (-6.3, 2.2)		
Carbonated beverages, % ml from beverages	13.1 ± 0.8	-0.1 (-2.3, 2.2)	15.2 ± 0.7	-1.3 (-4, 1.3)	13.9 ± 1	0.3 (-3.8, 4.4)		

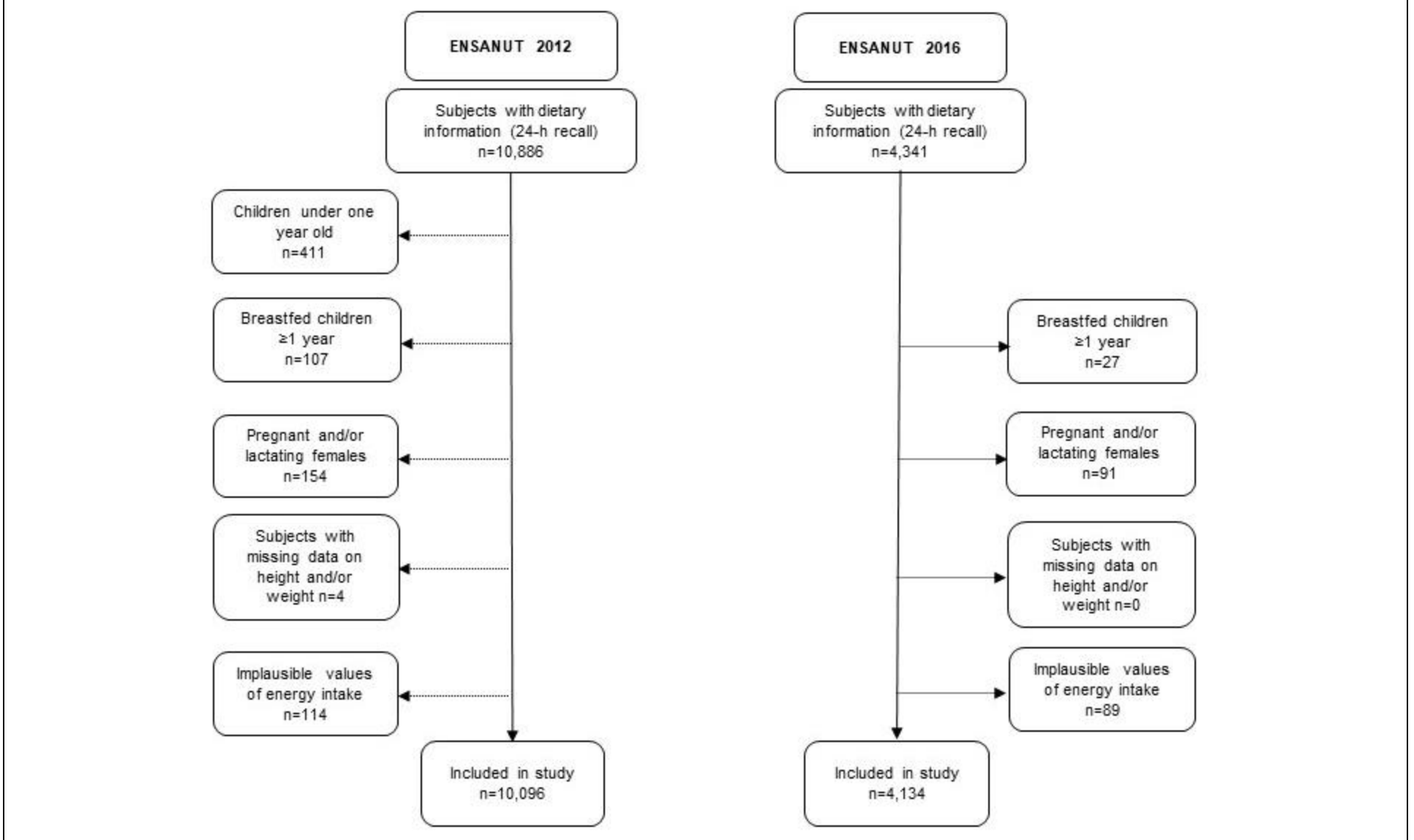
Non-carbonated beverages, % ml from beverages	7.5 ± 0.6	-1.3 (-2.7, 0.2)	7.5 ± 0.5	-2.4 (-3.7, -1.1)	8.0 ± 0.6	-2.4 (-4.5, -0.3)
All foods, kcal	1568.1 ± 33.7	-101.3 (-174.5, -28)	1582.8 ± 24.6	-61.2 (-152.2, 29.7)	1537.1 ± 31.6	-31.4 (-147.3, 84.6)
Taxed foods, % kcal from foods	16.3 ± 0.9	-4 (-5.5, -2.4)	18.4 ± 0.6	-2.8 (-4.8, -0.8)	17.8 ± 0.7	-1.7 (-4.4, 0.9)
Sweet bread from bakery, % kcal from foods	7.5 ± 1	-2.1 (-3.3, -0.9)	7.5 ± 0.4	-0.1 (-1.6, 1.4)	5.2 ± 0.7	2.6 (-0.3, 5.5)
Packaged sweet bread and cookies ² , % kcal from foods	4.1 ± 0.4	-0.9 (-1.8, 0.1)	4.5 ± 0.3	-1.1 (-2.3, 0.1)	5.5 ± 0.4	-2.2 (-3.3, -1.1)
Other taxed foods ³ , % kcal from foods	4.7 ± 0.4	-1 (-1.6, -0.4)	6.4 ± 0.3	-1.6 (-2.6, -0.6)	7.1 ± 0.4	-2.1 (-3.2, -1.1)

¹Adjusted by log-transformed state-level GDP, state-level unemployment rate, education level of adults aged ≥20y and education level of the head of the household for participants under 20y of age, and all other sociodemographic characteristics in the table when not stratified by it.

²Includes packaged sweet bread and cookies, cereal bars, and pastries

³Includes salty snacks, ready-to-eat cereals, chocolate, candies, ice cream, sorbets, spreads, jellies.

eFigure 1. Flowchart of Final Analytical Sample With 24-hr Dietary Recalls



eFigure 2. Flowchart of Final Analytical Sample With Food Frequency Questionnaires

