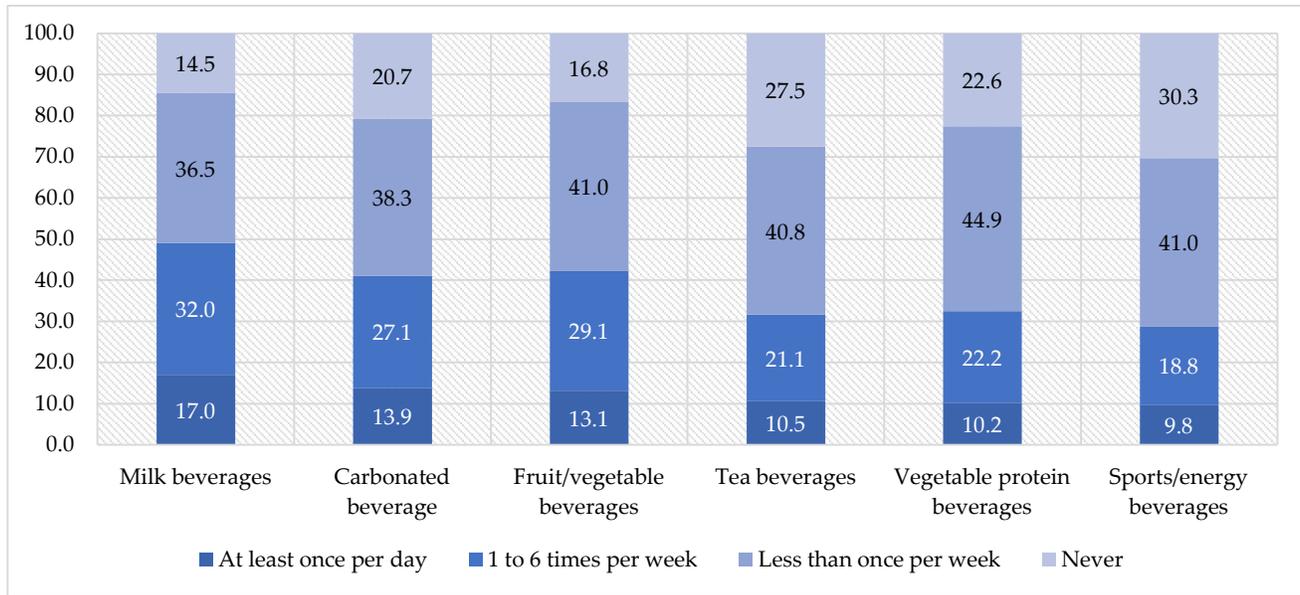


## Supplementary Materials



**Figure S1.** Frequencies of exposure to sugar-sweetened beverage advertisement among preschoolers (%).

Notes: Milk beverages (sugar-sweetened milk beverages that were not milk or yogurt, e.g., lactobacillus beverages, Nutri-Express, AD Calcium Milk); fruit/vegetable beverages (vegetable- or fruit-flavored beverages that were not 100 % fruit or vegetable juice, e.g., Orange Multi); vegetable protein beverages (e.g., soya-bean milk drink, walnut drink, syrup of almond); carbonated beverages (e.g., cola, Sprite); tea beverages (e.g., iced tea, jasmine tea); sports/energy beverages (e.g., Vitamin Water, Red Bull, Mizone).

**Table S1.** Associations between milk beverages consumption and exposure to obesogenic environments among preschoolers: Univariate analysis: *n* (%)

Variables	Total	Milk beverages consumption among preschoolers		$\chi^2/t$	P value
		Yes	No		
<b>Milk beverage advertisements exposure among preschoolers (<i>n</i> = 2875)</b>				155.411	< 0.001
Never	417 (14.5)	169 (40.5)	248 (59.5)		
Less than once per week	1048 (36.5)	632 (60.3)	416 (39.7)		
1 to 6 times per week	921 (32.0)	654 (71.0)	267 (29.0)		
At least once per day	489 (17.0)	372 (76.1)	117 (23.9)		
<b>Caregivers took children to fast-food restaurants</b>				60.099	< 0.001
Less than once per week	2394 (78.3)	1427 (59.6)	967 (40.4)		
At least once per week	663 (21.7)	504 (76.0)	159 (24.0)		
<b>Caregivers read the Nutrition Facts Panel</b>				62.176	< 0.001
Infrequently	1903 (62.3)	1304 (68.5)	599 (31.5)		
Frequently	1154 (37.7)	627 (54.3)	527 (45.7)		
<b>Caregivers consumed sugar-sweetened beverage</b>				121.888	< 0.001
Less than once per week	1439 (47.1)	762 (53.0)	677 (47.0)		
At least once per week	1618 (52.9)	1169 (72.2)	449 (27.8)		

**Table S2.** Associations between fruit/vegetable beverages consumption and exposure to obesogenic environments among preschoolers: Univariate analysis: *n* (%)

Variables	Total	Fruit/vegetable beverages consumption among preschoolers			
		Yes	No	$\chi^2/t$	P value
<b>Fruit/vegetable beverage advertisements exposure among preschoolers (<i>n</i>=2901)</b>				244.430	<0.001
Never	486 (16.8)	339 (69.8)	147 (30.2)		
Less than once per week	1190 (41.0)	428 (36.0)	762 (64.0)		
1 to 6 times per week	844 (29.1)	244 (28.9)	600 (71.1)		
At least once per day	381 (13.1)	118 (31.0)	263 (69.0)		
<b>Caregivers took children to fast-food restaurants</b>				47.441	<0.001
Less than once per week	2394 (78.3)	1014 (42.4)	1380 (57.6)		
At least once per week	663 (21.7)	183 (27.6)	480 (72.4)		
<b>Caregivers read the Nutrition Facts Panel</b>				33.873	<0.001
Infrequently	1903 (62.3)	669 (35.2)	1234 (64.8)		
Frequently	1154 (37.7)	528 (45.8)	626 (54.2)		
<b>Caregivers consumed sugar-sweetened beverage</b>				68.571	<0.001
Less than once per week	1439 (47.1)	675 (46.9)	764 (53.1)		
At least once per week	1618 (52.9)	522 (32.3)	1096 (67.7)		

**Table S3.** Associations between vegetable protein beverages consumption and exposure to obesogenic environments among preschoolers: Univariate analysis: *n* (%)

Variables	Total	Vegetable protein beverages consumption among preschoolers			
		Yes	No	$\chi^2/t$	P value
<b>Vegetable protein beverage advertisements exposure among preschoolers (<i>n</i> = 2899)</b>				204.010	<0.001
Never	656 (22.6)	477 (72.7)	179 (27.3)		
Less than once per week	1303 (44.9)	616 (47.3)	687 (52.7)		
1 to 6 times per week	645 (22.2)	230 (35.7)	415 (64.3)		
At least once per day	295 (10.2)	118 (40.0)	177 (60.0)		
<b>Caregivers took children to fast-food restaurants</b>				29.990	<0.001
Less than once per week	2394 (78.3)	1259 (52.6)	1135 (47.4)		
At least once per week	663 (21.7)	269 (40.6)	394 (59.4)		
<b>Caregivers read the Nutrition Facts Panel</b>				6.508	0.011
Infrequently	1903 (62.3)	917 (48.2)	986 (51.8)		
Frequently	1154 (37.7)	611 (52.9)	543 (47.1)		
<b>Caregivers consumed sugar-sweetened beverage</b>				24.096	<0.001
Less than once per week	1439 (47.1)	787 (54.7)	652 (45.3)		
At least once per week	1618 (52.9)	741 (45.8)	877 (54.2)		

**Table S4.** Associations between carbonated beverages consumption and exposure to obesogenic environments among preschoolers: Univariate analysis: *n* (%)

Variables	Total	Carbonated beverages consumption among preschoolers			
		Yes	No	$\chi^2/t$	<i>P</i> value
<b>Carbonated beverage advertisements exposure among preschoolers (<i>n</i> = 2907)</b>					
				119.611	<0.001
Never	603 (20.7)	502 (83.3)	101 (16.7)		
Less than once per week	1112 (38.3)	711 (63.9)	401 (36.1)		
1 to 6 times per week	789 (27.1)	451 (57.2)	338 (42.8)		
At least once per day	403 (13.9)	233 (57.8)	170 (42.2)		
<b>Caregivers took children to fast-food restaurants</b>					
				63.847	<0.001
Less than once per week	2394 (78.3)	1662 (69.4)	732 (30.6)		
At least once per week	663 (21.7)	350 (52.8)	313 (47.2)		
<b>Caregivers read the Nutrition Facts Panel</b>					
				24.155	<0.001
Infrequently	1903 (62.3)	1190 (62.5)	713 (37.5)		
Frequently	1154 (37.7)	822 (71.2)	332 (28.8)		
<b>Caregivers consumed sugar-sweetened beverage</b>					
				78.399	<0.001
Less than once per week	1439 (47.1)	1063 (73.9)	376 (26.1)		
At least once per week	1618 (52.9)	949 (58.7)	669 (41.3)		

**Table S5.** Associations between tea beverages consumption and exposure to obesogenic environments among preschoolers: Univariate analysis: *n* (%)

Variables	Total	Tea beverages consumption among preschoolers			
		Yes	No	$\chi^2/t$	<i>P</i> value
<b>Tea beverage advertisements exposure among preschoolers (<i>n</i> = 2893)</b>					
				185.918	<0.001
Never	797 (27.5)	737 (92.5)	60 (7.5)		
Less than once per week	1181 (40.8)	849 (71.9)	332 (28.1)		
1 to 6 times per week	610 (21.1)	392 (64.3)	218 (35.7)		
At least once per day	305 (10.5)	204 (66.9)	101 (33.1)		
<b>Caregivers took children to fast-food restaurants</b>					
				67.615	<0.001
Less than once per week	2394 (78.3)	1894 (79.1)	500 (20.9)		
At least once per week	663 (21.7)	422 (63.7)	241 (36.3)		
<b>Caregivers read the Nutrition Facts Panel</b>					
				21.878	<0.001
Infrequently	1903 (62.3)	1388 (72.9)	515 (27.1)		
Frequently	1154 (37.7)	928 (80.4)	226 (19.6)		
<b>Caregivers consumed sugar-sweetened beverage</b>					
				71.220	<0.001
Less than once per week	1439 (47.1)	1190 (82.7)	249 (17.3)		
At least once per week	1618 (52.9)	1126 (69.6)	492 (30.4)		

**Table S6.** Associations between sports/energy beverages consumption and exposure to obesogenic environments among preschoolers: Univariate analysis: *n* (%)

Variables	Total	Sports/energy beverages consumption among preschoolers			
		Yes	No	$\chi^2/t$	<i>P</i> value
<b>Sports/energy beverage advertisements exposure among preschoolers (<i>n</i> = 2897)</b>				135.587	<0.001
Never	879 (30.3)	810 (92.2)	69 (7.8)		
Less than once per week	1188 (41.0)	889 (74.8)	299 (25.2)		
1 to 6 times per week	546 (18.8)	390 (71.4)	156 (28.6)		
At least once per day	284 (9.8)	200 (70.4)	84 (29.6)		
<b>Caregivers took children to fast-food restaurants</b>				44.285	<0.001
Less than once per week	2394 (78.3)	1953 (81.6)	441 (18.4)		
At least once per week	663 (21.7)	462 (69.7)	201 (30.3)		
<b>Caregivers read the Nutrition Facts Panel</b>				5.393	0.020
Infrequently	1903 (62.3)	1478 (77.7)	425 (22.3)		
Frequently	1154 (37.7)	937 (81.2)	217 (18.8)		
<b>Caregivers consumed sugar-sweetened beverage</b>				35.743	<0.001
Less than once per week	1439 (47.1)	1204 (83.7)	235 (16.3)		
At least once per week	1618 (52.9)	1211 (74.8)	407 (25.2)		