

Bridging the Gap

A program funded by the Robert Wood Johnson Foundation

Food and Fitness Survey
(annual survey of elementary schools)

Conducted at the University of Illinois at Chicago, Health Policy Center

www.bridgingthegapresearch.org/research/elementary_school_survey/

Data Summary Document

For school years:
2006-07, 2007-08, 2008-09, 2009-10

Estimates reported here are based on the following number of elementary schools that returned surveys each year:

	Public Schools		Private Schools	
	Number of schools	Response rate	Number of schools	Response rate
2006-07	578	54.6%	259	66.2%
2007-08	748	70.6%	336	84.4%
2008-09	641	61.8%	297	76.2%
2009-10	680	64.5%	313	78.8%

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1: School Meals

Estimates show percentages of students enrolled in an elementary school with each practice
 * $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools						Private Schools							
		percentage of students				significance tests		percentage of students				significance tests			
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	
		Y1	Y2	Y3	Y4			Y1	Y2	Y3	Y4				
Does school participate in the USDA reimbursable School Breakfast Program?	Yes	85.3	86.0	85.0	86.2			6.3	5.6	7.2	7.4				
What is the full price charged for breakfast?	Mean	0.88	0.90	1.09	1.12			0.83	1.09	1.11	1.25				
	SD	0.44	0.44	0.31	0.33			0.32	0.57	0.27	0.38				
Full price for breakfast, categorized	\$1.00 or less	73.0	68.5	52.5	48.9			91.5	52.4	55.6	40.3				
	more than \$1.00	27.0	31.5	47.5	51.1		***	8.5	47.6	44.4	59.7	*		**	
If school does not participate in the School Breakfast Program, why not? (please check all that apply)															
	Too few eligible students	Yes	8.1	7.1	7.5	8.5			46.0	44.3	48.3	44.0			
		No	6.4	5.5	7.5	5.1			47.4	49.9	44.5	48.4			
		N/A, no USDA breakfast	85.5	87.4	85.0	86.4			6.6	5.8	7.2	7.6			
Lack of interest among students/families	Yes	3.0	2.8	2.8	3.3			18.8	25.2	26.4	20.1				
	No	11.5	9.9	12.2	10.3			74.6	69.0	66.3	72.3				
	N/A, no USDA breakfast	85.5	87.4	85.0	86.4			6.6	5.8	7.2	7.6	*			
Program too costly	Yes	0.9	0.6	0.6	0.9			1.9	5.5	4.6	6.4				
	No	13.6	12.1	14.3	12.7			91.5	88.6	88.2	86.0				
	N/A, no USDA breakfast	85.5	87.4	85.0	86.4			6.6	5.8	7.2	7.6	*		*	
School starts too late to serve breakfast	Yes	0.2	0.5	1.4	0.6			8.3	6.7	5.1	2.2				
	No	14.3	12.1	13.5	13.0			85.1	87.5	87.7	90.3				
	N/A, no USDA breakfast	85.5	87.4	85.0	86.4		*	6.6	5.8	7.2	7.6			**	
School lack facilities to serve breakfast	Yes	0.7	0.6	0.7	0.8			9.5	12.8	9.1	13.5				
	No	13.8	12.0	14.3	12.8			83.9	81.4	83.7	78.9				
	N/A, no USDA breakfast	85.5	87.4	85.0	86.4			6.6	5.8	7.2	7.6				
School lacks staff to serve breakfast	Yes	2.2	1.4	1.2	1.0			17.6	19.1	18.3	15.6				
	No	12.3	11.2	13.7	12.6			75.8	75.0	74.5	76.8				
	N/A, no USDA breakfast	85.5	87.4	85.0	86.4			6.6	5.8	7.2	7.6				
Other	Yes	1.7	1.7	3.9	1.0			21.3	19.0	23.7	17.8				
	No	12.8	11.0	11.1	12.7			72.1	75.1	69.1	74.6				
	N/A, no USDA breakfast	85.5	87.4	85.0	86.4			6.6	5.8	7.2	7.6				
Does school offer any breakfast options other than the USDA School Breakfast Program?	Yes	6.7	8.7	10.9	11.5			14.6	12.8	13.7	15.5				
Does school participate in the USDA National School Lunch Program?	Yes	97.4	96.8	95.6	92.6		***	32.5	31.3	31.9	25.7				
What is the full price charged for lunch?	Mean	1.65	1.70	1.83	1.87			2.05	2.07	2.20	2.27				
	SD	0.51	0.49	0.41	0.44			0.40	0.54	0.47	0.49				
Full price charged for lunch, categorized	\$2.00 or less	86.8	81.5	75.5	72.0			59.9	53.2	48.1	42.6				
	more than \$2.00	13.2	18.5	24.5	28.0	**	***	40.1	46.8	51.9	57.4			*	

1: School Meals

Estimates show percentages of students enrolled in an elementary school with each practice
 * $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools						Private Schools							
		percentage of students				significance tests		percentage of students				significance tests			
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
If school does not participate in National School Lunch Program, why not? (please check all that apply)															
Too few eligible students	Yes	1.1	0.6	1.8	2.5				39.5	36.6	42.7	39.6			
	No	1.4	2.6	2.7	5.0				27.3	32.2	25.3	34.2			
	N/A, no USDA lunch	97.5	96.8	95.6	92.6			***	33.2	31.3	32.0	26.2			
Lack of interest among students/families	Yes	0.2	0.3	0.3	0.8				9.2	11.5	9.4	6.9			
	No	2.2	3.0	4.1	6.7				57.6	57.3	58.6	66.9			
	N/A, no USDA lunch	97.5	96.8	95.6	92.6			***	33.2	31.3	32.0	26.2			
Program too costly	Yes	0.2	0.0	0.3	0.3				0.5	4.9	2.0	5.4			
	No	2.3	3.3	4.1	7.1				66.4	63.9	66.0	68.4			
	N/A, no USDA lunch	97.5	96.8	95.6	92.6			***	33.2	31.3	32.0	26.2	**		**
School lacks facilities to serve lunch	Yes	0.1	0.3	0.1	0.8				9.2	10.6	8.0	9.9			
	No	2.3	3.0	4.3	6.6				57.7	58.2	60.0	63.9			
	N/A, no USDA lunch	97.5	96.8	95.6	92.6			***	33.2	31.3	32.0	26.2			
School lacks staff to serve lunch	Yes	0.0	0.2	0.0	0.4				9.1	8.9	8.0	8.3			
	No	2.5	3.1	4.4	7.0				57.7	59.8	60.1	65.5			
	N/A, no USDA lunch	97.5	96.8	95.6	92.6			***	33.2	31.3	32.0	26.2			
Other	Yes	0.3	0.8	2.0	0.6				19.6	17.5	20.2	20.6			
	No	2.2	2.4	2.4	6.9				47.2	51.3	47.8	53.2			
	N/A, no USDA lunch	97.5	96.8	95.6	92.6			*	33.2	31.3	32.0	26.2			
Does your school offer lunch options other than a USDA reimbursable National School Lunch Program?	Yes	7.4	14.7						47.5	58.9					
Are any of these foods sold at your school? (please check all that apply)															
Traditional fast food restaurants	Yes	0.6	0.2						9.5	12.9					
Mexican fast food restaurant	Yes	0.6							4.5						
Fried chicken	Yes	1.1							8.3						
Sandwich or sub shop	Yes	1.2	0.8						13.7	12.6					
Pizza	Yes	11.8	9.3					*	38.1	37.8					
Another major chain	Yes	0.4							1.7						
Local food establishment	Yes	2.3	1.4						18.7	23.4					
Any commercial food (created)	Yes	12.2	10.3						42.0	47.6					
If yes to any of the above, how many days per week are any of the above types of commercial foods offered?	1 day or less often	92.7	95.1						57.9	52.9					
	more than 1 day per week	7.4	4.9						42.1	47.1					
Commercial foods															
Days per week offered, pizza	more than 1 day per week			7.7	10.0						30.0	39.5			
Days per week offered, sandwiches	more than 1 day per week			1.6	4.0						11.8	14.7			
Days per week offered, fast food	more than 1 day per week			0.6	0.0						8.5	9.0			
Days per week offered, other	more than 1 day per week			0.4	0.8						14.2	14.9			
Do students have 30 minutes to eat lunch?	Yes	67.0	65.2						57.5	53.1					
Do 3rd grade students have 30 minutes to eat lunch?	Yes			43.3	46.1						36.6	40.4			
Timing of lunch in relation to mid-day recess	Lunch before recess	46.0							52.0						
	Lunch after recess	6.3							4.7						
	No recess before/after lunch	6.4							4.2						
	Varies by class/grade	41.2							39.1						
Timing of lunch in relation to mid-day recess for 3rd graders	Lunch before recess		57.0	52.1	52.1					69.5	63.6	64.1			
	Lunch after recess		15.1	18.8	18.8					12.2	19.2	18.7			
	No recess before/after lunch		13.9	16.6	15.2					12.1	12.5	10.4			
	Varies by class/grade		14.0	12.5	13.8					6.2	4.6	6.9			

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Estimates show percentages of students enrolled in an elementary school with each practice
 * $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
Where do students usually eat lunch?	Dedicated cafeteria	64.0	64.4	63.4				54.1	57.7	53.5					
	Multi-purpose room	23.0	22.9	25.0				22.3	17.2	17.9					
	Gymnasium	7.5	6.9	6.2				5.1	4.5	6.4					
	Classroom	0.4	0.6	1.1				7.9	10.9	8.6					
	Outdoors	4.7	5.0	3.2				10.1	9.1	10.5					
	Other	0.4	0.3	1.2				0.4	0.7	3.2					
On a typical day, for lunch, what % of elementary students... eat lunch offered by your school	Mean	76.83						55.85							
	SE	0.96						1.69							
bring their own lunch	Mean	22.60						42.88							
	SE	0.94						1.64							
go home for lunch	Mean	0.24						0.37							
	SE	0.09						0.25							
buy lunch from vending machines, school store, snack bars/carts, or a la carte	Mean	0.11						0.54							
	SE	0.05						0.24							
other	Mean	0.10						0.32							
	SE	0.03						0.14							
Which of the following kitchen facilities are available at school?	Full-service kitchen	78.1	76.0	78.3	78.2			70.9	75.6	77.2	74.1				
	Partial kitchen	19.1	20.9	19.9	19.4			17.5	17.7	11.9	15.7				
	No kitchen	2.8	3.1	1.8	2.5			11.6	6.7	10.9	10.3	*			
At what level are decisions about menus and food service made? (please check all that apply)															
At the school level	Yes	14.7	12.7	14.9	13.5			71.5	71.6	68.6	64.9				
At the district level	Yes	82.6	81.3	81.8	86.2			9.1	8.8	14.4	10.8		*		
External contractor	Yes	10.6	11.0	11.3	10.8			18.8	16.8	15.7	18.5				
Other	Yes	4.3	3.3	2.5	1.7		*	11.4	11.3	4.9	7.5		**		
Which menu planning approach is used? (please check all that apply)															
Nutrient Standard Menu Planning	Yes	32.5	25.4	28.1	29.1	**		11.4	9.7	10.7	10.3				
Assisted Nutrient Standard Menu Planning	Yes	5.0	1.5	1.6	2.7	***	**	1.8	0.7	1.5	0.4				
Enhanced food-based menu planning	Yes	8.4	7.1	7.6	6.6		*	4.1	4.2	4.8	3.8				
Traditional food-based menu planning	Yes	30.3	25.6	30.8	26.4	*		45.2	37.1	37.4	36.3	*		*	
Any other menu planning	Yes	4.2	3.7	4.5	6.1			17.3	15.3	18.2	18.2				
Does your school participate in the USDA-sponsored Team Nutrition program? (only schools that participate in SBP or NSLP)	Yes	40.0	43.4	37.7	37.4			35.1	33.6	37.7	34.2				
	No	17.7	15.9	21.0	21.0			29.6	32.0	33.1	37.7				
	Don't know or missing	42.3	40.7	41.3	41.5			35.4	34.3	29.3	28.1				
Who provides the food service at this school? (please check all that apply)															
School system food service	Yes	82.8	80.4	83.1	80.7			49.8	33.8	42.1	32.6			***	
Food service management company	Yes	16.8	16.9	17.0	16.7			21.2	17.6	17.7	16.8				
Major food company	Yes	0.9						7.3							
Local food establishment	Yes	2.8						26.6							
Other	Yes		2.5	0.6	2.0		**		45.7	36.9	48.6		*		

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		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
Does your school currently have a garden that students participate in?	Yes	12.3	13.9	15.5	20.3			**	9.4	14.0	14.2	18.3			**
Garden club	Yes	65.3	48.2	64.1	67.0	*			94.9	86.2	93.0	92.2	***		
Kitchen classroom	Yes	19.2	15.3	27.8	21.2				93.0	84.5	91.1	86.3	**		*
Curriculum	Yes	60.6	44.2	68.2	69.6	*			97.4	87.3	97.3	94.8	***		
Other	Yes	13.9	6.3	18.3	7.5				93.9	82.1	87.7	85.2	***	*	**
Does school participate in any "Farm to Cafeteria" programs?	Yes	5.0	7.0	16.2	18.0		***	***	0.3	5.0	11.6	13.2	***	***	***
If Farm to Cafeteria Program, what is offered?															
Fruit	Yes	4.5							0.0						
Vegetables	Yes	4.2							0.3						
Dairy products	Yes	0.5							0.0						
Other	Yes	0.1							0.0						
During this school year, has your school district or school provided...information to students on the nutrition and caloric content of foods available to them?	Yes	56.2							32.5						
During this school year, has your school district or school provided... information to parents on the nutrition and caloric content of foods available to students?	Yes	60.5							30.3						
During this school year, has your school district or school provided information to elementary students/parents on the nutrition content of foods available at school?	Yes	62.0	68.8						36.7	32.1					
During this school year, has your school district or school provided information to elementary students/parents about school lunch meals ?	Yes			55.4	49.3						15.4	22.2			
	No			34.4	39.1						79.4	72.3			
	Don't know			10.2	11.5						5.2	5.5			
During this school year, has your school district or school provided information to elementary students/parents about non-lunch or competitive foods ?	Yes			6.1	4.8						3.7	2.9			
	No			83.8	83.6						91.1	91.7			
	Don't know			10.2	11.5						5.2	5.5			
To what extent has your school or school district set food prices with the intent of encouraging students to eat healthier foods and/or discouraging them from eating less healthy foods?	Not at all	29.4							50.8						
	A little	5.2							8.0						
	Some	21.2							17.4						
	A lot	18.1							13.5						
	Don't know	26.1							10.3						
To what extent has your school or school district set beverage prices with the intent of encouraging students to drink healthier beverages and/or discouraging them from drinking less healthy beverages?	Not at all	33.3							49.1						
	A little	5.4							6.6						
	Some	14.9							11.6						
	A lot	21.1							24.8						
	Don't know	25.3							7.9						
To what extent has your school or school district set food or beverage prices with the intent of encouraging students to eat healthier foods and/or beverages instead of less-healthy foods and beverages?	Not at all		22.4	22.8	18.2					33.1	31.7	30.5			
	A little		3.8	3.7	3.1					6.1	6.8	8.1			
	Some		11.3	13.9	11.4					14.9	14.7	13.2			
	A lot		17.1	15.4	15.4					10.1	15.5	12.0			
	Don't know		17.5	18.1	16.8					7.1	3.1	5.1			
	N/A		27.9	26.0	35.2					28.7	28.1	31.1			
Do students have access to working drinking fountains?	Yes			99.2							98.7				
Are drinking fountains available in any of the following locations?	Cafeteria				64.9							59.2			
	Gymnasium/locker rooms				54.0							60.3			
	Elsewhere at school				98.2							97.4			
	None				0.3							1.2			

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		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
TYPES OF PRODUCTS OFFERED IN SCHOOL LUNCHES, WHETHER USDA NATIONAL SCHOOL LUNCH PROGRAM OR OTHER LUNCH PROGRAM															
Note: Percentages for N/A responses on individual food and beverage items vary due to small variations in amount of missing data for each item. Percentages are calculated using only <i>responding</i> cases.															
Lunch: Candy	Never	96.2	96.0	96.8	96.3				82.2	80.0	80.2	81.5			
	Some days	2.0	2.0	1.4	0.9				4.4	2.9	4.3	4.6			
	Most or every day	0.2	0.1	0.1	0.0				2.5	3.3	2.6	0.4			
	N/A, no lunch offered	1.7	1.9	1.7	2.8				10.9	13.7	12.9	13.6			
Lunch: Salty snacks that are not low in fat, such as regular potato chips	Never	66.7	72.3	78.0	78.1				41.3	39.9	48.4	44.5			
	Some days	29.2	24.0	18.8	17.1				39.6	37.6	31.1	35.4			
	Most or every day	2.5	1.9	1.5	2.0				8.1	8.8	7.4	6.5			
	N/A, no lunch offered	1.7	1.9	1.7	2.8		***	***	10.9	13.7	13.1	13.6			
Lunch: Low-fat salty snacks, such as pretzels, baked chips, or other low-fat chips	Never	33.1	32.8	34.0	35.7				31.3	29.2	29.5	24.6			
	Some days	58.8	58.3	57.7	53.2				49.5	46.6	47.7	52.7			
	Most or every day	6.4	7.0	6.5	8.3				8.3	10.5	9.8	9.0			
	N/A, no lunch offered	1.7	1.9	1.7	2.9				10.9	13.7	13.0	13.7			
Lunch: Cookies, crackers, cakes, or other baked goods that are not low in fat	Never	41.2	45.1	52.4	50.5				25.5	23.7	30.1	29.3			
	Some days	51.7	49.9	42.7	43.4				57.7	53.2	48.6	50.0			
	Most or every day	5.4	3.1	3.2	3.2				5.9	9.4	8.5	7.0			
	N/A, no lunch offered	1.7	1.9	1.7	2.8		**	**	10.9	13.7	12.9	13.7			
Lunch: Low-fat cookies, crackers, cakerns, pastries, or other low-fat baked goods	Never	26.2	22.6	28.2	27.9				33.0	34.7	34.5	32.3			
	Some days	67.2	69.1	64.8	63.4				49.2	45.2	45.7	47.2			
	Most or every day	4.8	6.4	5.2	5.9				6.7	6.1	6.8	6.7			
	N/A, no lunch offered	1.7	1.9	1.8	2.9				11.1	14.0	13.0	13.8			
Lunch: Ice cream or frozen yogurt that is not low in fat	Never	61.3	29.0	66.9	68.8				46.4	46.7	53.1	50.3			
	Some days	30.5	5.1	25.1	23.1				34.2	31.9	26.0	28.6			
	Most or every day	6.5	1.9	6.2	5.3				8.4	7.6	8.0	7.5			
	N/A, no lunch offered	1.7	1.9	1.8	2.9			*	11.1	13.9	12.9	13.7			
Lunch: Low-fat or fat-free ice cream, frozen yogurt, sherbet, or low-fat or non-fat yogurt	Never	32.8	30.2	36.5	35.8				44.7	43.2	49.1	42.8			
	Some days	57.6	59.2	54.2	51.8				36.4	34.9	31.3	37.8			
	Most or every day	7.8	8.7	7.6	9.6				7.9	8.1	6.7	5.5			
	N/A, no lunch offered	1.7	1.9	1.7	2.9				11.1	13.8	12.9	13.8			
Lunch: Sandwiches	Never	3.6	4.8	5.5	4.5				7.2	8.1	6.6	8.0			
	Some days	68.3	70.7	70.2	69.4				59.8	57.2	60.7	60.3			
	Most or every day	26.4	22.6	22.5	23.3				21.9	21.0	19.8	18.0			
	N/A, no lunch offered	1.7	1.9	1.7	2.8				11.1	13.6	12.8	13.7			
Lunch: Pre-made, main course salads	Never	33.4	34.0	35.4	32.5				35.6	37.2	45.0	45.6			
	Some days	36.9	38.2	40.6	41.2				33.0	28.8	23.9	26.6			
	Most or every day	27.9	26.0	22.3	23.5				20.5	20.4	18.3	14.1			
	N/A, no lunch offered	1.7	1.9	1.7	2.8				10.9	13.6	12.8	13.6			
Lunch: Bread sticks, rolls, bagels, pita bread, or other bread products	Never	9.3	8.4	9.5	8.3				12.2	13.9	15.9	13.4			
	Some days	63.5	69.7	71.2	70.6				54.7	53.0	57.5	59.1			
	Most or every day	25.5	20.0	17.6	18.3				22.1	19.4	13.8	13.8			
	N/A, no lunch offered	1.7	1.9	1.7	2.8		*	*	10.9	13.7	12.8	13.7			

1: School Meals

Estimates show percentages of students enrolled in an elementary school with each practice
 * $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
Lunch: Deep-fried fries > item wording changed between Y2 and Y3	Never	53.0	59.3	28.8	27.9				45.9	50.2	32.5	27.4			
	Some days	43.1	37.8	67.6	67.1				39.9	33.7	52.4	54.1			
	Most or every day	2.2	1.0	1.9	2.2				3.3	2.5	2.1	4.9			
	N/A, no lunch offered	1.7	1.9	1.7	2.8				11.0	13.6	12.9	13.6			
Lunch: Fresh fruit	Never	1.8	1.7	1.6	1.7				8.1	6.8	8.8	4.5			
	Some days	33.3	35.6	33.0	30.2				41.2	37.7	34.2	36.6			
	Most or every day	63.2	60.9	63.7	65.3				39.6	42.0	44.1	45.4			
	N/A, no lunch offered	1.7	1.9	1.7	2.8				11.1	13.5	12.9	13.6			
Lunch: Other fruit (such as dried or canned fruit)	Never	7.2	6.0	9.2	5.3				15.2	15.4	19.2	15.3			
	Some days	49.5	50.6	49.2	46.8				46.6	44.5	43.0	45.1			
	Most or every day	41.6	41.5	39.8	45.1				27.1	26.5	24.9	25.8			
	N/A, no lunch offered	1.7	1.9	1.7	2.8				11.1	13.6	12.9	13.9			
Lunch: Vegetables (such as carrot sticks or celery sticks)	Never	2.1	1.6	1.2	1.5				10.4	5.2	9.6	5.4			
	Some days	38.6	38.2	24.1	19.9				35.5	43.3	21.1	27.9			
	Most or every day	57.6	58.3	73.0	75.7				43.1	37.8	56.4	53.2			
	N/A, no lunch offered	1.7	1.9	1.7	2.9		***	***	11.0	13.7	12.9	13.5			
Lunch: Two or more different entrees or main courses	Never	17.6	17.0	18.6	17.3				32.5	26.8	37.2	31.8			
	Some days	18.2	14.2	15.5	14.2				17.4	22.7	14.5	18.7			
	Most or every day	62.5	67.0	64.2	65.7				39.1	36.9	35.5	35.8			
	N/A, no lunch offered	1.7	1.9	1.7	2.8				11.1	13.6	12.8	13.7			
Lunch: Pizza	Never	2.0	0.4	1.3	1.3				0.3	0.7	2.2	2.3			
	Some days	92.9	92.6	92.1	89.9				84.3	82.7	81.6	80.1			
	Most or every day	3.4	5.1	4.8	6.0				4.5	3.0	3.5	4.0			
	N/A, no lunch offered	1.7	1.9	1.7	2.8	*			10.8	13.5	12.8	13.5			
Lunch: Whole grains (such as wheat bread or brown rice)	Never	22.9	16.9	15.8	11.5				30.1	27.0	24.5	23.2			
	Some days	60.4	61.8	61.7	64.0				46.0	42.3	48.2	49.5			
	Most or every day	14.9	19.5	20.8	21.7				12.9	17.0	14.5	13.7			
	N/A, no lunch offered	1.7	1.9	1.7	2.9	**	**	***	11.1	13.6	12.8	13.6			
Lunch: Salad bar	Never	67.6	63.9	63.5	59.3				53.0	50.4	53.3	45.9			
	Some days	13.4	13.6	12.9	17.3				16.6	18.3	13.6	14.7			
	Most or every day	17.4	20.6	21.9	20.6				19.6	17.6	20.4	25.8			
	N/A, no lunch offered	1.7	1.9	1.7	2.8			*	10.8	13.7	12.8	13.6			

1: School Meals

Estimates show percentages of students enrolled in an elementary school with each practice
 * $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
Lunch: Bottled water	Never	71.4	68.6	66.7	64.6				46.2	40.5	45.9	41.5			
	Some days	7.0	7.0	5.9	6.0				7.0	7.2	4.7	6.1			
	Most or every day	19.9	22.2	26.2	27.1				35.4	36.0	36.1	36.7			
	N/A, no lunch offered	1.8	2.3	1.2	2.3			*	11.4	16.4	13.3	15.6			
Lunch: Regular soft drinks	Never	98.3	97.6	98.8				82.6	79.1	80.8	79.8				
	Some days	0.0	0.0	0.0	0.0				2.9	3.2	2.6	3.3			
	Most or every day	0.0	0.1	0.0	0.0				3.4	1.5	3.0	1.4			
	N/A, no lunch offered	1.7	2.2	1.2	2.3				11.1	16.3	13.5	15.4			
Lunch: Diet soft drinks	Never	98.3	97.6	98.8	97.7				84.5	79.6	82.1	80.7			
	Some days	0.0	0.0	0.0	0.0				1.9	2.1	1.7	2.2			
	Most or every day	0.0	0.1	0.0	0.0				2.4	1.8	2.6	1.7			
	N/A, no lunch offered	1.7	2.2	1.2	2.3				11.2	16.4	13.6	15.4			
Lunch: Other no-calorie or very low-calorie beverages	Never	92.8	91.0	94.1	93.3				74.6	71.7	74.0	75.1			
	Some days	2.2	3.2	1.8	2.2				5.0	5.4	4.8	4.9			
	Most or every day	3.2	3.5	2.9	2.2				9.1	6.6	7.6	4.5			
	N/A, no lunch offered	1.8	2.3	1.2	2.3				11.2	16.3	13.6	15.4			
Lunch: 100% fruit or vegetable juice with no added sweeteners	Never	35.4	34.4	34.7	35.1				37.9	35.9	36.1	38.2			
	Some days	29.5	27.7	30.2	29.4				18.0	19.2	20.2	20.2			
	Most or every day	33.5	35.7	33.9	33.1				32.9	28.6	30.1	26.2			
	N/A, no lunch offered	1.7	2.3	1.2	2.3				11.2	16.3	13.6	15.4			
Lunch: Sports drinks	Never	93.6	94.1	95.2	93.7				79.6	73.7	76.4	74.4			
	Some days	1.7	1.1	1.5	2.1				1.8	4.1	2.3	4.1			
	Most or every day	3.0	2.5	2.1	1.9				7.4	6.0	7.7	6.2			
	N/A, no lunch offered	1.7	2.3	1.2	2.3				11.3	16.2	13.7	15.3			
Lunch: "Light" juices	Never	78.7	78.5	84.5	83.7				65.4	61.6	69.1	69.6			
	Some days	10.7	12.1	9.5	9.9				12.5	11.2	9.2	9.4			
	Most or every day	8.9	7.1	4.7	4.0				10.8	11.1	8.2	5.5			
	N/A, no lunch offered	1.8	2.3	1.2	2.4			*	11.3	16.1	13.6	15.4			**
Lunch: Fruit drink that are not 100% fruit juice and that are high in calories	Never	85.9	86.5	91.9	89.6				68.9	66.8	73.8	72.1			
	Some days	7.2	7.0	3.4	6.0				11.5	7.2	6.5	6.3			
	Most or every day	5.1	4.3	3.5	2.0				8.4	9.7	6.1	6.3			
	N/A, no lunch offered	1.8	2.3	1.2	2.4			*	11.2	16.3	13.6	15.4			*

1: School Meals

Estimates show percentages of students enrolled in an elementary school with each practice
 * $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools						Private Schools						
		percentage of students				significance tests		percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4			Y1	Y2	Y3	Y4			
Lunch: Low-fat or non-fat milk, including low-fat flavored 2006-07 and 2007-08	Never	7.1	7.9					13.8	12.5					
	Some days	2.7	1.7					4.0	3.5					
	Most or every day	88.4	88.2					70.9	67.8					
	N/A, no lunch offered	1.7	2.2					11.3	16.3					
Lunch: Low-fat or non-fat milk, white 2008-09	Never			15.0						30.5				
	Some days			2.3						3.2				
	Most or every day			81.6						52.7				
	N/A, no lunch offered			1.2						13.5				
Lunch: Low-fat or non-fat milk, flavored 2008-09	Never			18.2						34.7				
	Some days			5.0						4.5				
	Most or every day			75.6						47.3				
	N/A, no lunch offered			1.2						13.6				
Lunch: Nonfat, white 2009-10	Never				42.2						49.7			
	Some days				3.6					3.5				
	Most or every day				51.9					31.3				
	N/A, no lunch offered				2.4					15.5				
Lunch: Nonfat, flavored 2009-10	Never				53.7						54.3			
	Some days				5.1					4.1				
	Most or every day				38.8					25.7				
	N/A, no lunch offered				2.4					15.9				
Lunch: 1%, white 2009-10	Never				22.6						31.1			
	Some days				5.5					5.2				
	Most or every day				69.6					48.1				
	N/A, no lunch offered				2.3					15.6				
Lunch: 1%, flavored 2009-10	Never				30.0						38.4			
	Some days				7.0					6.3				
	Most or every day				60.6					39.5				
	N/A, no lunch offered				2.4					15.7				
Lunch: Whole or 2% milk, or flavored milk 2006-07 and 2007-08	Never	20.5	18.7					20.2	15.2					
	Some days	3.8	3.7					3.7	4.9					
	Most or every day	74.0	75.4					64.9	63.4					
	N/A, no lunch offered	1.7	2.2					11.3	16.4					
Lunch: 2% milk, white 2008-09	Never			34.8	40.9					34.1	36.4			
	Some days			6.4	4.2					3.7	5.7			
	Most or every day			57.6	52.6					48.6	42.5			
	N/A, no lunch offered			1.2	2.4					13.5	15.5			
Lunch: 2% milk, flavored 2008-09	Never			46.0	50.8					47.6	49.6			
	Some days			8.1	5.8					4.9	5.0			
	Most or every day			44.7	41.0					33.8	29.5			
	N/A, no lunch offered			1.2	2.4					13.7	15.9			
Lunch: Whole milk, white 2008-09	Never			71.9	73.1					67.3	67.5			
	Some days			2.9	2.9					2.5	1.9			
	Most or every day			24.0	21.6					16.5	14.8			
	N/A, no lunch offered			1.2	2.4					13.7	15.9			
Lunch: Whole milk, flavored 2008-09	Never			77.2	79.1					73.2	72.0			
	Some days			3.6	2.8					2.7	2.3			
	Most or every day			18.0	15.7					10.3	9.9			
	N/A, no lunch offered			1.2	2.4					13.8	15.8			

1: School Meals

Estimates show percentages of students enrolled in an elementary school with each practice
 * $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
Are at least 50% of the beverages choices offered in school lunch meal water or other non-calorie or low-calorie options?	Yes	48.3													
	No	49.8													
	Don't know	0.0													
	N/A, no school lunch	1.8													
Lunch items, only among schools that participated in NSLP															
Fries in NSLP meal	Never	54.6	60.6	28.5	27.7				46.3	50.7	22.8	20.6			
	Some days	43.0	38.4	69.7	70.4				53.7	47.7	75.2	72.8			
	Most or every day	2.4	1.0	1.8	1.9	*	***	***	0.0	1.6	2.0	6.6		**	***
Pizza in NSLP meal	Never	2.2	0.4	1.4	1.1				0.0	0.0	1.0	1.1			
	Some days	94.2	94.4	94.0	93.3				98.9	97.1	96.6	92.8			
	Most or every day	3.7	5.2	4.6	5.6	*			1.1	2.9	2.4	6.2			
Whole grains in NSLP meal	Never	22.7	17.2	15.9	11.8				22.7	16.4	10.2	12.1			
	Some days	62.4	62.6	62.3	65.8				61.2	62.3	73.1	78.5			
	Most or every day	14.9	20.2	21.8	22.4	**	**	***	16.1	21.3	16.7	9.4			
Salad bar in NSLP meal	Never	70.1	65.6	64.1	60.0				57.6	53.3	65.2	54.3			
	Some days	12.7	13.5	13.4	18.7				19.8	26.9	17.2	17.1			
	Most or every day	17.0	20.9	22.6	21.4			**	22.7	19.7	17.7	28.6			
Lower-fat milks in NSLP meal	Never	7.4	8.1	12.6	13.5				8.2	7.6	9.0	14.4			
	Some days	2.8	1.8	2.5	3.7				1.6	1.3	1.7	2.3			
	Most or every day	89.9	90.1	84.9	82.8		*	**	90.2	91.1	89.2	83.3			
Higher-fat milks in NSLP meal	Never	21.0	19.6	31.3	36.2				27.8	18.1	29.9	43.3			
	Some days	3.9	3.6	5.4	4.1				1.6	4.1	5.3	7.9			
	Most or every day	75.1	76.9	63.3	60.0		***	***	70.6	77.8	64.8	48.8			*

2: National Food and Beverage Agreements

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

	Public Schools							Private Schools						
	percentage of students				significance tests			percentage of students				significance tests		
	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
Has school implemented the School Beverage Guidelines?														
No	3.7	6.0	4.2	6.7				5.4	12.4	11.1	8.7			
No, but planning to implement	0.5	1.0	0.6	0.9				0.5	0.3	2.0	1.1			
Yes, in process of implementing	3.5	3.5	3.7	1.7				3.4	3.1	1.3	2.5			
Yes, have implemented	9.9	17.0	13.4	15.6				4.0	7.3	6.9	8.1			
N/A, have not heard of Guidelines	30.7	28.2	30.1	27.0				46.6	47.1	41.2	38.1			
N/A, do not sell competitive beverages	51.8	44.3	48.1	48.2	***		**	40.2	29.8	37.6	41.6	**	*	ns
Has school implemented the Competitive Food Guidelines?														
No	3.7	4.1	7.7	6.6				5.3	9.2	8.9	11.2			
No, but planning to implement	0.4	0.3	0.6	1.1				0.7	0.5	1.4	0.6			
Yes, in process of implementing	3.8	4.3	4.0	3.1				2.3	1.7	1.0	1.1			
Yes, have implemented	6.4	10.7	9.9	12.0				1.4	2.7	3.9	2.0			
N/A, have not heard of Guidelines	35.4	23.7	25.1	25.5				47.2	40.9	37.7	33.7			
N/A, do not sell competitive foods	50.3	56.9	52.8	51.6	***	***	***	43.1	45.0	47.2	51.5	ns	ns	**

3: Competitive Food and Beverage Practices

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	Y1	Y2	Y3	Y4	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4										
Does school participate in the FFVP (Fresh Fruit and Vegetable Program)?	Yes			23.4							1.6				
	No			52.2							93.7				
	Don't know			24.4							4.7				
Are any of the following products advertised in the school cafeteria? (please check all that apply)															
Soft drinks	Yes	0.6	0.7								2.7	2.7			
Fast food	Yes	0.5	0.4								1.2	1.5			
Candy	Yes	0.7	0.0								1.4	1.7			
Soft drinks, fast food, candy		1.3	0.7	1.8	1.6						3.1	2.9	2.8	4.3	
Milk	Yes	73.0	77.8	83.5	82.8	*	***	***			34.3	43.4	47.1	48.3	
Fruit and/or vegetables	Yes	74.3	74.8	77.6	75.2						35.5	37.7	37.9	37.5	
Are any of the following products advertised anywhere else in school? (please check all that apply)															
Soft drinks	Yes	1.7	0.4			*					1.0	2.6			
Fast food	Yes	1.3	0.1			**					0.0	0.6			
Candy	Yes	1.1	0.3								0.9	0.7			
Soft drinks, fast food, candy		2.6	0.6	1.2	3.0	**					1.9	2.9	2.2	1.1	
Milk	Yes	12.8	11.6	10.4	12.9						10.7	7.0	9.9	11.2	
Fruit and/or vegetables	Yes	20.2	14.9	16.6	18.1	**					16.0	11.5	16.6	16.8	
Are any of the following products advertised in the cafeteria/anywhere else (created)															
Soft drinks/fast food/candy	Yes	3.2	1.1	2.8	4.0	**					4.7	4.9	4.7	5.4	
Milk	Yes	75.3	80.1	86.1	84.6	*	***	***			41.3	48.8	52.7	54.0	
Fruit and/or vegetables	Yes	78.9	78.4	82.2	80.1						46.5	46.4	47.7	48.4	
Food is used as a reward for good academic performance															
	No	34.7	39.4	40.8	41.9						43.1	46.6	50.6	50.1	
	Yes, it is up to the teacher	32.4	32.1	28.0	28.7						31.6	31.3	26.6	25.1	
	Yes, but it is discouraged	32.9	28.5	31.2	29.4			*			25.2	22.1	22.9	24.8	
Food is used as a reward for good behavior															
	No	31.7	39.2	39.6	40.5						40.5	49.7	47.4	50.2	
	Yes, it is up to the teacher	34.2	30.3	29.4	29.5						32.7	28.9	29.2	28.1	
	Yes, but it is discouraged	34.0	30.6	40.0	30.1	*	*	*			26.9	21.4	23.3	21.6	
Food coupons are used as an incentive for students															
	No	29.3	29.4	27.6	27.1						34.0	40.7	37.7	42.2	
	Yes, it is up to the teacher	65.7	63.2	64.6	65.2						61.7	55.3	60.3	54.1	
	Yes, but it is discouraged	5.0	7.4	7.8	7.7						4.3	4.0	2.0	3.7	
Classroom lessons involve candy															
	No	34.7	32.5	30.7	29.8						43.4	42.3	39.9	38.3	
	Yes, it is up to the teacher	51.9	54.5	53.9	58.6						46.6	43.6	50.0	55.9	
	Yes, but it is discouraged	13.4	13.0	15.4	11.6						10.0	14.1	10.3	5.8	
Students are allowed to keep water bottles at their desks															
	No	5.9	5.4	6.5	6.6						14.8	16.8	13.6	9.2	
	Yes, it is up to the teacher	92.7	93.1	92.7	92.8						83.0	82.1	84.5	87.8	
	Yes, but it is discouraged	1.3	1.4	0.8	0.6						2.2	1.1	1.8	3.0	
Foods are regularly allowed in class															
	No	78.3	79.8	79.0	79.2						87.3	86.1	90.2	89.0	
	Yes, it is up to the teacher	17.0	17.4	16.2	17.4						11.8	11.6	9.2	8.8	
	Yes, but it is discouraged	4.7	2.7	4.8	3.4						0.8	2.2	0.6	2.2	
Beverages other than water are regularly allowed in class.															
	No	92.8	92.0	92.4	90.5						94.4	95.7	96.0	96.1	
	Yes, it is up to the teacher	4.7	5.6	5.2	5.9						4.0	3.3	2.8	3.0	
	Yes, but it is discouraged	2.8	2.4	2.4	3.6						1.6	1.0	1.2	0.9	

3: Competitive Food and Beverage Practices

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
Are there any school policies regarding the nutritional quality of items sold as school fundraisers?	Yes	34.6							19.3						
Are there any school policies regarding the nutritional quality of items sold for PTA fundraisers?	Yes		25.4							16.2					
Are there any school policies regarding the nutritional quality of items sold for other fundraisers?	Yes		27.1							15.8					
Are there any school policies regarding fundraisers, PTA and other (created)	Yes		31.4							19.2					
Do any of the following grades have regularly-scheduled snack time during the school day? (please check all that apply)															
Kindergarten	Yes	67.3	70.4	74.5	75.4		**	**	89.7	89.4	92.4	94.7			*
1st grade	Yes	47.5	53.9	55.5	59.2	**	**	***	74.7	75.3	78.1	78.2			
2nd grade	Yes	40.4	47.3	51.3	53.8	**	***	***	69.4	70.2	70.9	72.6			
3rd grade	Yes	37.4	44.0	47.3	50.1	**	***	***	59.9	62.2	66.9	67.1			
4th grade	Yes	33.1	38.8	41.3	44.2	**	**	***	56.3	55.7	59.3	61.7			
5th grade	Yes	28.6	30.8	34.5	37.2		*	**	49.0	48.3	55.3	54.6			
Are there any policies limiting sugar-sweetened items from being served or brought in at snack time?	Yes, schoolwide policy	49.4	55.1						41.0	38.2					
	Yes, in some classes	20.0	16.6						24.8	25.3					
	No	30.6	28.3						34.2	36.5					
Any policies limiting sugar-sweetened items at snack time?	Prohibited schoolwide				14.4										
	Discouraged schoolwide				48.8										
	Up to each teacher				20.7										
	No policy				16.1										
Any policies limiting sugar-sweetened items during birthday parties?	Prohibited schoolwide				10.4							2.8			
	Discouraged schoolwide				34.7							29.5			
	Up to each teacher				33.7							36.3			
	No policy				21.2							31.4			
Any policies limiting sugar-sweetened items during holiday parties?	Prohibited schoolwide				7.4							1.8			
	Discouraged schoolwide				39.2							31.0			
	Up to each teacher				34.0							36.2			
	No policy				19.4							31.1			
Does school have any venues selling competitive beverages?	Yes	49.0	56.8	61.2	59.8	**	***	***	62.6	70.8	68.7	65.2	*		
Does school have any venues selling competitive foods?	Yes	49.1	45.9	46.7	48.7				58.1	56.9	53.4	50.0			
Does school have any venues selling competitive foods or beverages?	Yes	57.4	61.6	63.0	65.1		*	*	68.3	73.6	72.3	68.8			
Are fresh fruit, vegetables and/or salads available at school in any competitive venue?	Yes	38.1	35.0	36.3	36.4				41.4	40.4	34.3	33.4			
Are any unhealthy foods (e.g., sugary, salty, high-fat) available at school in any competitive venue?	Yes	46.3	44.3	45.3	47.1	*			56.0	54.4	50.9	48.7			
Availability of beverages in ANY competitive venue															
Healthier (water, low-fat milks, 100% juice)	Yes	48.1	54.7	58.1	57.2	**	***	**	59.2	68.5	63.8	61.4	**		
Sugar-sweetened beverages	Yes	17.3	16.6	13.8	14.2				40.5	40.6	38.3	34.7			
No-calorie or low-calorie beverages	Yes	10.5	9.5	11.2	8.8				26.0	23.7	23.3	18.6			
Higher fat milks (2% or whole)	Yes	29.1	38.2	34.4	32.3	***	*		37.1	47.2	39.0	35.3			
Bottled water	Yes	37.4	40.0	42.6	42.3				52.3	54.0	53.5	51.0			

4: Competitive Foods and Beverages: Products offered in Vending Machines

Percentages for N/A responses on individual food and beverage items vary due to small variations in amount of missing data for each item. Percentages are calculated using only *responding* cases.

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools						Private Schools							
		percentage of students				significance tests		percentage of students				significance tests			
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
* Does school have beverage vending machines available to elementary students?	Yes	15.8	14.9	14.8	13.1				30.4	34.5	31.4	28.3			
* Does school offer food in vending machines?	Yes	2.6	3.4	3.9	3.7				12.0	15.8	13.1	10.3			
* Does school have any vending machines (beverages or foods) available to elementary students? (created)	Yes	16.5	15.5	15.1	13.4				30.6	35.7	32.3	25.3			
* Bottled water	Yes	14.9	13.0	13.4	12.5				26.1	32.1	28.4	22.5			
Regular soft drinks	Yes	1.6	2.3	1.1	1.9				16.9	18.0	14.5	11.4			
Diet soft drinks	Yes	1.9	2.3	1.5	1.7				18.3	18.1	14.9	12.0			
Low-calorie or no-calorie drinks	Yes	4.7	3.0	3.7	2.7				15.7	17.9	15.2	9.7			
100% fruit or vegetable juice with no added sweetener	Yes	7.1	5.9	5.4	4.4				14.9	20.7	13.8	10.2			
Sport drinks	Yes	3.4	4.3	2.7	2.4				15.8	22.0	16.2	14.4			
"Light" juices	Yes	3.1	2.1	2.3	2.5				8.5	11.4	7.8	5.3			
High-calorie fruit drinks not 100% juice	Yes	1.7	2.5	0.8	1.7				9.4	7.4	5.0	3.2			
Lower-fat milks (1% or nonfat)	Yes	4.1	4.6						9.4	13.3					
Higher-fat milks (whole or 2%)	Yes	3.7	4.1						10.7	12.3					
Lowfat (1% or nonfat) milk, white	Yes			4.0	1.9						6.9	4.3			
Lowfat (1% or nonfat) milk, flavored	Yes			3.6	1.8						7.8	4.1			
2% milk, white	Yes			2.5	2.0						4.7	2.9			
2% milk, flavored	Yes			2.1	1.3						4.0	3.3			
Whole milk, white	Yes			1.2	0.6						2.8	1.2			
Whole milk, flavored	Yes			1.1	0.2						2.5	1.3			
Candy	Yes	0.3	0.8	0.5	1.2				7.6	9.3	8.1	5.5			
Salty snacks (not lowfat)	Yes	0.7	1.0	1.1	1.2				9.2	11.9	9.4	7.3			
Salty snacks, lowfat	Yes	1.4	2.2	3.0	3.4			*	9.3	13.8	12.1	10.0			
Cookies, cakes, etc (not lowfat)	Yes	0.7	1.0	1.0	1.2				9.5	12.6	7.5	6.3			
Cookies, cakes, etc, lowfat	Yes	1.1	1.8	2.9	3.4			**	6.3	8.8	8.1	6.7			
Ice cream (not lowfat)	Yes	0.6	0.9	0.4	0.6				2.9	4.5	2.1	2.2			
Ice cream, lowfat	Yes	0.9	1.5	0.8	1.1				2.0	3.1	1.2	1.8			
Sandwiches	Yes	0.3	0.8	0.5	0.7				2.2	3.1	2.0	1.0			
Pre-made salads	Yes	0.1	1.1	0.3	0.5				1.1	3.5	1.4	0.6			
Bread products	Yes	0.3	1.3	0.5	0.7				1.2	3.1	0.8	1.7			
Fresh fruit	Yes	0.4	1.1	0.5	0.9				1.2	4.2	2.0	1.2			
Other fruit	Yes	0.6	1.3	1.1	1.2				1.9	2.5	2.3	1.8			
Vegetables	Yes	0.6	1.3	0.7	0.7				0.7	2.4	1.9	1.1			

5: Competitive Foods and Beverages: Products Offered in School Stores or Snack Bars

Note: Percentages for N/A responses on individual food and beverage items vary due to small variations in amount of missing data for each item. Percentages are calculated using only *responding* cases.

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
Does school have stores or snack bars selling beverages to elementary students?	Yes	10.7	17.0	17.3	14.6	**	**	*	24.9	22.8	24.5	25.8			
Does school have stores or snack bars selling foods to elementary students?	Yes	17.6	21.5	19.8	20.2				30.5	30.0	26.1	26.0			
Does school have any store or snack bars (offering beverages or foods)?	Yes	18.7	23.3	22.9	22.1	*			31.9	32.5	30.8	29.9			
Foods offered in snack bars															
Bottled water	Yes	8.7	13.7	14.9	11.8	**	**		22.4	17.2	19.3	22.1			
Regular soft drinks	Yes	0.3	0.6	0.5	0.5	*	*		5.4	5.2	5.3	5.1			
Diet soft drinks	Yes	0.1	1.5	0.8	0.3	**	**		5.7	5.2	5.1	4.2			
Low-calorie or no-calorie drinks	Yes	2.8	4.0	3.5	2.9	*	*		10.7	7.3	8.1	6.0			
100% fruit or vegetable juice with no added sweetner	Yes	6.2	10.9	8.7	9.4	*	*		15.2	10.5	14.2	13.7			
Sport drinks	Yes	2.7	4.4	3.5	2.7	**	*		8.8	9.6	10.9	10.0			
"Light" juices	Yes	2.7	2.3	1.4	2.5	**	**		6.4	6.2	5.4	5.5			
High-calorie fruit drinks not 100% juice	Yes	2.1	3.4	2.7	1.9	*	*		7.8	7.1	6.9	5.4			
Lower-fat milks (1% or nonfat)	Yes	7.0	12.1			**			16.1	14.6					
Higher-fat milks (whole or 2%)	Yes	5.6	9.6			*			14.2	14.3					
Lowfat (1% or nonfat) milk, white	Yes			10.4	8.9						10.6	12.4			
Lowfat (1% or nonfat) milk, flavored	Yes			8.8	8.0						9.4	12.9			
2% milk, white	Yes			7.4	5.3						13.0	11.7			
2% milk, flavored	Yes			5.7	4.0						9.9	8.5			
Whole milk, white	Yes			2.6	1.6						6.2	4.8			
Whole milk, flavored	Yes			1.9	0.9						3.8	3.2			
Beverages offered in snack bars															
Candy	Yes	2.2	2.4	2.5	3.7				10.8	10.2	9.2	7.7			
Salty snacks (not lowfat)	Yes	3.3	4.5	4.0	3.5				18.7	19.8	15.0	15.3			
Salty snacks, lowfat	Yes	12.1	16.8	16.0	15.4	*			25.9	25.4	20.5	20.8			
Cookies, cakes, etc (not lowfat)	Yes	6.0	5.7	5.3	4.9	*			17.5	17.8	15.1	17.8			
Cookies, cakes, etc, lowfat	Yes	6.5	12.9	12.3	12.3	***	***	**	13.9	14.5	13.8	14.8			
Ice cream (not lowfat)	Yes	8.0	8.7	6.7	4.2			***	14.5	18.5	11.7	9.8			
Ice cream, lowfat	Yes	7.7	11.1	11.7	10.0				12.4	15.8	10.3	11.2			
Sandwiches	Yes	3.8	5.0	5.4	5.4				9.5	11.8	9.7	8.5			
Pre-made salads	Yes	4.5	6.0	6.5	6.1				7.5	8.5	7.0	6.7			
Bread products	Yes	3.7	3.9	5.7	5.2	*			9.1	9.4	7.6	8.1			
Fries	Yes	1.5	1.3	3.7	2.8	*			3.8	5.3	5.2	6.2			
Fresh fruit	Yes	6.9	9.8	9.4	8.8				16.8	17.4	10.0	11.6			
Other fruit	Yes	5.2	7.8	7.7	7.3	*			13.6	11.3	9.0	9.5			
Vegetables	Yes	5.6	7.1	7.6	7.3	*			10.9	11.6	7.6	11.1			

6: Competitive Foods: Products Offered in À La Carte Lines

Estimates show percentages of students enrolled in an elementary school with each practice

* p < .05, ** p < .01, *** p < .001

	Public Schools								Private Schools							
	percentage of students				significance tests				percentage of students				significance tests			
	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	
	Y1	Y2	Y3	Y4					Y1	Y2	Y3	Y4				
Does school offer an à la carte beverage service to elementary students?	35.5	44.0	51.4	49.6	***	***	***		29.4	47.7	43.3	42.4	***	***	**	
Does school offer an à la carte food service to elementary students?	40.0	34.7	38.6	39.0	*				32.8	34.3	32.8	30.2				
Does school offer any à la carte service (beverages or foods) to elementary students (food and/or beverage)?	42.0	47.1	51.7	51.9	*	**	**		35.8	49.4	45.8	43.5	****	*		
À LA CARTE BEVERAGE AVAILABILITY																
À la carte: Bottled water	Most or every day	20.0	23.5	28.2	27.1				20.4	24.3	22.8	23.1				
	Some days	3.3	3.6	4.0	4.2				2.1	3.7	2.8	2.7				
	Never or no à la carte bevs	77.1	73.2	67.8	68.7				77.9	72.0	74.4	74.2				
À la carte: Regular soft drinks	Most or every day	0.0	0.0	0.0	0.0				3.2	1.7	2.2	1.4				
	Some days	0.0	0.0	0.2	0.2				0.5	1.0	1.7	0.8				
	Never or no à la carte bevs	100.0	100.0	99.8	99.8				96.4	97.3	96.1	97.8				
À la carte: Diet soft drinks	Most or every day	0.2	0.0	0.0	0.0				2.4	2.0	1.7	1.6				
	Some days	0.0	0.0	0.2	0.3				1.0	0.6	1.2	0.9				
	Never or no à la carte bevs	99.8	100.0	99.8	99.7				96.7	97.4	97.1	97.5				
À la carte: Other no-calorie or very low-calorie beverages	Most or every day	3.0	3.9	2.3	2.5				3.9	6.7	4.9	4.2				
	Some days	3.1	2.1	3.6	2.9				2.0	1.3	2.9	2.2				
	Never or no à la carte bevs	94.1	94.1	94.1	94.6				94.2	92.1	92.2	93.6				
À la carte: 100% fruit or vegetable juice with no added sweeteners	Most or every day	15.6	20.7	21.1	19.5				13.3	16.4	18.1	15.8				
	Some days	8.6	7.0	10.1	11.0				4.3	6.0	5.6	5.9				
	Never or no à la carte bevs	76.3	72.7	68.8	69.5				82.6	77.8	76.3	78.3				
À la carte: Sports drinks	Most or every day	3.8	3.9	2.7	2.2				5.8	6.4	6.5	4.1				
	Some days	1.8	2.0	2.8	2.6				1.3	1.8	2.1	2.6				
	Never or no à la carte bevs	94.4	94.1	94.5	95.2				93.0	91.9	91.4	93.3				
À la carte: "Light" juices	Most or every day	3.6	3.6	2.9	2.1				5.0	6.1	4.7	3.1				
	Some days	6.5	4.6	5.5	5.6				3.9	4.2	2.8	4.7				
	Never or no à la carte bevs	90.1	91.9	91.6	92.3				91.2	89.8	92.5	92.2				
À la carte: Fruit drinks that are not 100% fruit juice and that are high in calories	Most or every day	3.3	2.3	2.2	2.4				5.2	6.9	4.0	4.2				
	Some days	4.3	2.8	2.2	2.8				3.6	2.1	3.3	3.6				
	Never or no à la carte bevs	92.6	94.9	95.6	94.8				91.3	91.0	92.7	92.2				

6: Competitive Foods: Products Offered in À La Carte Lines

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools						Private Schools							
		percentage of students				significance tests		percentage of students				significance tests			
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
À la carte: Low-fat or non-fat milk, including low-fat flavored milk	Most or every day	30.9	37.8					24.4	38.4						
	Some days	1.9	1.4					1.2	2.1						
	Never or no à la carte bevs	67.5	61.0					74.4	59.5						
À la carte: Whole or 2% milk, or flavored milk	Most or every day	23.5	32.9					19.5	33.6						
	Some days	1.6	1.0					2.5	2.8						
	Never or no à la carte bevs	75.2	66.3					78.0	63.6						
À la carte: Low-fat milk, white	Most or every day			42.7	37.6					24.9	24.5				
	Some days			1.4	1.9					1.0	2.7				
	Never or no à la carte bevs			55.9	60.5					74.1	72.8				
À la carte: Low-fat milk, flavored	Most or every day			40.5	33.6					26.3	23.1				
	Some days			2.0	2.6					1.1	3.0				
	Never or no à la carte bevs			57.5	63.8					72.6	73.9				
À la carte: 2% milk, white	Most or every day			28.2	26.1					25.5	22.4				
	Some days			2.0	2.2					2.7	2.8				
	Never or no à la carte bevs			69.8	71.7					71.8	74.8				
À la carte: 2% milk, flavored	Most or every day			20.3	19.8					18.0	16.2				
	Some days			3.4	2.9					2.4	3.4				
	Never or no à la carte bevs			76.3	77.3					79.6	80.4				
À la carte: Whole milk, white	Most or every day			11.0	10.3					7.3	7.8				
	Some days			1.1	1.3					1.8	0.5				
	Never or no à la carte bevs			87.9	88.4					90.9	91.7				
À la carte: Whole milk, flavored	Most or every day			6.9	7.1					6.1	5.0				
	Some days			1.3	1.2					1.1	0.9				
	Never or no à la carte bevs			91.8	91.7					92.8	98.6				

6: Competitive Foods: Products Offered in À La Carte Lines

Estimates show percentages of students enrolled in an elementary school with each practice
 * $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools						Private Schools							
		percentage of students				significance tests		percentage of students				significance tests			
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
À la carte: Candy	Most or every day	0.2	0.3	0.0	0.0				3.4	3.2	2.9	1.2			
	Some days	1.0	0.4	0.6	1.1				2.5	1.5	1.9	1.6			
	Never or no à la carte food	98.9	99.3	99.4	98.9	**			94.2	95.4	95.2	97.2			
À la carte: Salty snacks that are not low in fat	Most or every day	2.6	2.1	2.4	3.3				8.9	9.5	8.9	7.1			
	Some days	8.3	4.4	4.8	4.8				10.5	7.4	7.0	9.3			
	Never or no à la carte food	89.1	93.5	92.8	91.9	**	*	*	80.7	83.3	84.1	83.6			
À la carte: Low-fat salty snacks	Most or every day	11.1	10.1	11.7	13.5				12.2	11.0	12.3	11.8			
	Some days	16.0	15.1	16.2	13.5				11.4	12.7	11.3	9.9			
	Never or no à la carte food	73.0	74.8	72.1	73.1				76.5	76.7	76.4	78.3			
À la carte: Cookies, cakes, etc not low in fat	Most or every day	5.1	3.5	4.3	3.7				7.2	8.1	7.2	6.7			
	Some days	15.3	10.8	10.3	11.7				12.2	13.5	12.2	13.9			
	Never or no à la carte food	79.6	85.8	85.5	84.7	**	*	^	80.8	78.5	80.6	79.4			
À la carte: Low-fat cookies etc	Most or every day	6.7	6.9	10.5	9.0				5.9	7.3	8.1	5.5			
	Some days	19.2	17.6	15.4	17.7				12.9	13.5	11.1	10.7			
	Never or no à la carte food	74.1	75.4	74.1	73.4		*		81.5	79.4	80.8	83.8			
À la carte: Ice cream not low in fat	Most or every day	7.0	5.1	7.3	6.0				8.1	9.3	7.1	6.6			
	Some days	10.6	7.4	7.0	6.5				10.7	9.2	9.0	9.3			
	Never or no à la carte food	82.4	87.5	85.7	87.5	*		*	81.3	81.8	83.9	84.1			
À la carte: Low-fat ice cream	Most or every day	8.7	8.9	11.9	13.2				6.4	10.1	7.1	6.3			
	Some days	19.3	15.9	13.6	13.7				11.9	8.9	12.3	11.6			
	Never or no à la carte food	72.0	75.2	74.5	73.1		*	**	81.9	81.0	80.6	82.1			
À la carte: Sandwiches	Most or every day	11.2	7.8	8.0	9.4				12.9	13.9	9.8	8.3			
	Some days	16.5	14.8	16.4	17.7				10.6	11.0	12.8	12.8			
	Never or no à la carte food	72.3	77.4	75.6	72.9	*			76.8	75.1	77.4	78.9			
À la carte: Pre-made salads	Most or every day	11.0	11.0	9.2	9.9				9.2	13.4	9.9	7.3			
	Some days	12.0	8.9	12.1	11.9				6.7	4.0	6.7	8.3			
	Never or no à la carte food	77.0	80.1	78.7	78.2				84.2	82.7	83.4	84.4			
À la carte: Bread products	Most or every day	8.3	6.1	6.0	6.8				5.5	8.0	6.5	6.2			
	Some days	17.2	14.4	16.4	18.0				13.4	10.8	10.0	11.2			
	Never or no à la carte food	74.5	79.6	77.5	75.2				81.4	81.3	83.5	82.6			
À la carte: Fries	Most or every day	0.6	0.6	1.5	1.1				4.2	3.0	2.4	3.4			
	Some days	10.8	6.5	12.4	15.4				8.7	7.5	7.7	10.1			
	Never or no à la carte food	88.6	92.9	86.1	83.5	*			87.3	89.6	89.9	86.5			
À la carte: Fresh fruit	Most or every day	21.8	18.4	20.1	21.7				15.1	16.1	12.8	11.9			
	Some days	12.0	10.7	9.5	9.0				10.0	9.9	7.1	10.1			
	Never or no à la carte food	66.2	70.9	70.4	69.3				75.1	74.1	80.1	78.0			
À la carte: Other fruit	Most or every day	13.4	13.0	11.8	16.0				8.3	9.8	6.2	7.4			
	Some days	16.0	13.0	12.9	10.9				13.1	9.3	6.4	11.1			
	Never or no à la carte food	70.7	74.0	75.3	73.1			*	78.8	81.0	87.4	81.5			
À la carte: Vegetables	Most or every day	15.7	16.1	18.6	20.6				12.8	12.0	9.1	10.6			
	Some days	15.0	10.9	7.5	6.8				9.4	9.2	6.6	9.9			
	Never or no à la carte food	69.4	73.0	73.9	72.6		***	***	78.0	78.9	84.3	79.5			
À la carte: Two or more entrees or main courses	Most or every day	19.6	20.3	19.5	21.8				13.4	14.8	10.0	10.4			
	Some days	8.2	3.4	5.3	4.0				6.3	4.5	6.9	7.3			
	Never or no à la carte food	72.2	76.3	75.2	74.2	***		*	80.6	80.8	83.1	82.3			
À la carte: Pizza	Most or every day	2.1	2.8	1.5	2.5				3.7	4.5	3.8	2.1			
	Some days	27.4	22.9	25.7	25.9				24.8	22.8	20.1	22.1			
	Never or no à la carte food	70.5	74.3	72.8	71.6				71.8	72.8	76.1	75.8			
À la carte: Whole grains	Most or every day	4.6	7.8	8.2	6.8				4.7	6.2	4.8	4.6			
	Some days	18.6	13.1	15.5	16.9				11.3	10.6	8.3	9.7			
	Never or no à la carte food	76.9	79.1	76.3	76.3	**	*		84.1	83.3	86.9	85.7			
À la carte: Salad bar	Most or every day	5.2	5.5	5.5	5.0				10.6	7.6	5.1	8.4			
	Some days	5.1	3.0	4.9	5.7				3.5	3.1	3.9	3.8			
	Never or no à la carte food	89.7	91.4	89.6	89.3	**			86.0	89.3	91.0	87.8			

7: Vending Machine Contract Details																	
Estimates show percentages of students enrolled in an elementary school with each practice																	
Note: Percentages may differ from those in section 4 on vending; responses for items on this tab were given by principals instead of food service personnel.																	
* $p < .05$, ** $p < .01$, *** $p < .001$																	
		Public Schools						Private Schools									
		percentage of students				significance tests		percentage of students				significance tests					
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4		
		Y1	Y2	Y3	Y4					Y1	Y2	Y3	Y4				
Does school have vending machines that sell beverages to staff	Yes	94.1	91.5	90.3	89.8					69.2	69.2	69.0	59.3				
Does school have vending machines that sell beverages to students above elementary grades	Yes	16.6	15.7	13.1	14.1					42.1	43.2	37.1	33.0				
Does school have vending machines that sell beverages to students in elementary grades	Yes	14.1	10.8	10.7	9.0					28.0	32.1	27.5	19.7				
If beverage vending machines are available to elementary students, what times of the day are they available?																	
Before school	Yes	7.0	5.3							7.2	12.4						
At mealtimes	Yes	7.8	5.9							15.0	17.7						
Other times during school	Yes	4.5	2.5							8.1	5.9						
After school	Yes	11.4	9.2							23.3	26.1						
Does your school or school district have a contract with a soft drink bottler or beverage distributor (such as Coca-Cola, PepsiCo, or Cadbury-Schweppes) giving the company exclusive rights to sell beverages at your school?	Yes	11.2	6.5	8.2	6.0					15.5	17.7	14.1	9.6				
	No	4.1	4.2	2.9	2.9					11.3	13.0	12.7	9.6				
	N/A, no beverage vending	84.7	89.3	89.0	91.1					73.2	69.3	73.2	80.9				
Is this an agreement between the soft drink bottler/beverage distributor and...																	
the school only		2.4	1.5	2.5	1.7					14.7	15.5	13.2	8.2				
the school district only		5.9	2.5	3.2	2.8					0.0	0.0	0.4	0.8				
both the school and the district		2.5	1.6	1.9	1.3					0.4	1.0	0.0	0.4				
N/A, no beverage vending		89.3	94.4	92.3	94.3					85.0	83.5	86.3	90.6				
Has this agreement been renegotiated in the past year?	Yes	2.3	1.2	2.9	2.0					4.7	6.5	3.6	1.9				
	No	3.6	2.6	3.5	2.0					8.4	8.5	7.9	4.7				
	Don't know	5.1	2.2	1.6	2.0					1.6	3.1	2.5	3.6				
	N/A, no beverage vending	88.9	94.0	92.0	94.0					85.4	81.9	86.0	89.8				
Does your school or school district receive incentives, such as cash awards or donations of equipment, supplies, or other donations, once total beverage receipts exceed a specified amount?	Yes	2.9	2.2	2.2	1.2					4.5	7.4	4.3	3.7				
	No	4.1	5.1	3.0	3.0					7.5	19.9	7.9	4.5				
	Don't know	3.7	3.1	2.9	1.9					3.2	4.5	2.1	2.1				
	N/A, no beverage vending	89.2	89.6	91.8	93.8					84.8	68.1	85.6	89.8				
Who has a major "say" in deciding what beverages are offered in vending machines at school?																	
The soft drink bottler or vending company	Yes	2.7	1.9	1.7	1.6					4.9	5.3	5.2	3.6				
	No	13.2	8.9	9.3	8.4					22.6	26.7	22.8	17.0				
	N/A, no beverage vending	84.2	89.1	89.0	90.0					72.5	67.9	72.0	79.4				
The school	Yes	6.2	5.8	4.8	5.2					23.9	25.9	23.0	16.3				
	No	9.7	5.0	6.3	4.8					3.6	6.1	5.0	4.3				
	N/A, no beverage vending	84.2	89.1	89.0	90.0					72.5	67.9	72.0	79.4				
The school district	Yes	8.2	5.4	5.5	5.9					1.0	0.0	0.7	1.8				
	No	7.6	5.5	5.6	4.1					26.5	32.1	27.3	18.8				
	N/A, no beverage vending	84.2	89.1	89.0	90.0					72.5	67.9	72.0	79.4				
The state	Yes	2.0	1.6	2.2	0.8					0.7	0.8	0.1	0.2				
	No	13.8	9.3	8.8	9.2					26.8	31.3	27.8	20.4				
	N/A, no beverage vending	84.2	89.1	89.0	90.0					72.5	67.9	72.0	79.4				
Other	Yes	1.9	0.7	1.3	0.3					1.8	4.0	3.8	1.8				
	No	13.9	10.2	9.8	9.7					25.7	28.1	24.2	18.8				
	N/A, no beverage vending	84.2	89.1	89.0	90.0					72.5	67.9	72.0	79.4				
Who primarily sets the prices for the beverages offered in vending machines?																	
The school		2.8	2.2	3.1	2.4					13.2	16.3	13.7	9.2				
The school district		2.3	1.7	1.7	1.5					0.4	0.0	0.4	0.9				
A soft drink bottler or vending company		8.8	5.9	5.1	5.1					13.2	16.3	13.7	9.2				
Other		0.2	0.5	0.7	0.3					0.5	3.6	2.0	0.0				
N/A, no beverage vending		86.0	89.7	89.4	90.7					72.7	68.6	73.4	79.7				

7: Vending Machine Contract Details																	
Estimates show percentages of students enrolled in an elementary school with each practice																	
Note: Percentages may differ from those in section 4 on vending; responses for items on this tab were given by principals instead of food service personnel.																	
* $p < .05$, ** $p < .01$, *** $p < .001$																	
		Public Schools						Private Schools									
		percentage of students				significance tests		percentage of students				significance tests					
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4		
		Y1	Y2	Y3	Y4					Y1	Y2	Y3	Y4				
Does school have vending machines that sell food to staff	Yes	51.8	48.9	42.3	44.0					23.3	24.4	25.3	21.5				
Does school have vending machines that sell food to students above elementary grades	Yes	7.6	7.1	6.0	6.7					18.5	18.5	17.2	17.5				
Does school have vending machines that sell food to students in elementary grades	Yes	2.5	2.6	3.2	3.0					9.4	12.7	12.5	10.5				
If food vending machines are available to elementary students, what times of the day are they available?																	
Before school	Yes	0.7	1.2							3.6	5.2						
At mealtimes	Yes	0.7	0.6							4.8	5.7						
Other times during school	Yes	0.7	0.4							2.7	2.0						
After school	Yes	2.3	2.2							8.7	10.7						
Does any company have an exclusive contract to sell food items in vending machines at your school?	Yes	1.6								2.6							
	No	1.6								7.2							
	N/A, no food vending	96.8								90.3							
Is this an agreement between the vending company/bottler and...																	
	the school only	0.6								2.6							
	the school district only	0.8								0.0							
	both the school and the school district	0.0								0.0							
	N/A, no food vending	98.6								97.4							
Has this agreement been renegotiated in the past year?	Yes	0.6								0.7							
	No	0.7								1.2							
	Don't know	0.6								0.7							
	N/A, no food vending	98.1								97.4							
Does your school receive incentives, such as cash awards or donations of equipment, supplies, or other donations, once total food receipts exceed a specified amount?	Yes	0.4								0.4							
	No	1.2								1.5							
	Don't know	0.4								0.7							
	N/A, no food vending	98.1								97.4							
Who has a major say in deciding what foods are offered in vending machines at your school?																	
	The soft drink bottler	Yes	0.5							2.4							
		No	3.1							7.7							
		N/A, no beverage vending	96.4							89.9							
	The school	Yes	2.0							8.1							
		No	1.6							2.0							
		N/A, no food vending	96.4							89.9							
	The school district	Yes	1.0							0.3							
		No	2.6							9.7							
		N/A, no food vending	96.4							89.9							
	The state	Yes	0.3							0.3							
		No	3.3							9.7							
		N/A, no food vending	96.4							89.9							
	Other	Yes	0.6							1.1							
		No	3.0							8.9							
		N/A, no food vending	96.4							89.9							
Who primarily sets the prices for the foods that are offered in vending machines at your school?																	
	The school	0.7								4.8							
	The school district	0.0								0.0							
	Soft drink bottler or vending company	1.9								4.0							
	Other	0.2								1.3							
	N/A, no food vending	97.2								89.9							

8: Physical Activity and Physical Education

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools						Private Schools							
		percentage of students				significance tests		percentage of students				significance tests			
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
Are elementary students required to take physical education?	Yes	98.7	98.4	99.2	98.6				97.5	98.0	99.4	97.9			
In which grades is PE required? (check all that apply)															
Kindergarten	Yes	82.1	82.4	81.0	81.7		**		89.8	90.3	90.0	91.2			
1st grade	Yes	90.6	92.2	90.1	90.0		**		94.4	95.3	96.3	95.0			
2nd grade	Yes	92.7	94.3	91.6	91.3		**		94.8	95.6	96.3	95.3			
3rd grade	Yes	96.4	96.8	94.3	96.1		**	*	95.7	96.1	97.0	94.9			
4th grade	Yes	93.8	94.2	90.3	92.0		**		95.2	96.5	97.0	95.2			
5th grade	Yes	87.0	85.1	82.5	83.2		**		93.7	95.6	96.2	94.4			
How many days per week do 3rd graders have PE?	Mean	2.6	2.6	2.6	2.6				2.2	2.2	2.2	2.3			
	SE	0.08	0.08	0.07	0.07				0.07	0.07	0.05	0.07			
How many days per week do 3rd graders have PE?	None	0.0	1.1	0.5	0.5				0.0	1.2	0.6	0.9			
	One	23.2	23.3	23.0	22.6				26.7	31.1	28.9	28.8			
	Two	35.6	34.4	34.4	35.2				46.0	43.6	43.7	40.8			
	Three	17.0	17.9	18.3	17.3				14.8	11.4	12.6	12.2			
	Four	4.3	3.5	4.2	3.3				3.3	2.5	2.7	4.2			
	Five	19.9	19.9	19.7	21.2				9.2	10.2	11.6	13.2			
How many minutes is each PE class?	Mean	39.2	38.5	40.1	40.5				39.4	39.6	39.2	38.9			
	SE	0.65	0.51	0.51	0.60				0.56	0.55	0.36	0.55			
Total minutes of PE per week for 3rd graders	Mean	98.4	94.4	100.8	103.5				83.9	79.6	83.2	86.5			
	SE	2.8	2.4	2.5	2.9				2.8	2.5	2.7	2.7			
≥ 60 mins PE per week for 3rd graders (created)	Yes	76.9	75.1	76.2	75.5				73.7	70.5	72.0	69.9			
≥ 90 mins PE per week for 3rd graders (created)	Yes	52.9	50.4	53.7	54.3				42.3	35.7	38.5	41.9			
≥ 150 mins PE per week for 3rd graders (created)	Yes	18.8	18.2	18.5	22.3				9.5	9.5	12.1	16.4			*
What is the average physical education class size for 3rd graders?	Mean	27.8							25.2						
	SE	0.7							0.6						
Are PE class sizes regularly increased?	Yes	18.9							10.6						
Are any of the following issues barriers to implementing physical education? (please check all that apply)															
Lack of necessary staff	Yes	19.6	18.3	18.4	17.5				11.6	7.9	6.9	5.8			*
Inadequate indoor facilities/equipment	Yes	21.7	17.8	19.2	14.0			***	16.7	12.8	15.3	12.5			
Inadequate outdoor facilities	Yes	11.8	7.3	9.3	6.7	***		**	10.2	9.2	9.3	7.3			
PE is not a priority for district administrators	Yes	6.7	4.1	5.7	3.4	*		*	0.9	0.4	0.7	0.7			
Financial constraints	Yes	16.0	14.3	17.1	17.5				15.5	12.0	12.7	16.2			
Competing demands for other subjects	Yes	26.2	21.9	26.0	20.2	*		*	16.0	12.3	13.1	14.9			
No state or district policies requiring PE	Yes	3.0	1.9	2.6	1.1			*	1.7	0.2	0.7	0.3			
Other	Yes	5.2	2.9	4.9	3.3	*			4.1	1.4	4.6	2.3			

8: Physical Activity and Physical Education

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools						Private Schools						
		percentage of students				significance tests		percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4			Y1	Y2	Y3	Y4			
How many days per week does the typical 3rd grade student have recess (averaged)	Mean	4.6	4.5	4.6	4.6			4.8	4.7	4.8	4.9			
	SE	0.07	0.07	0.08	0.06			0.06	0.07	0.04	0.03			
How many days per week does the typical 3rd grade student have recess (itemized)	None	5.5	5.8	4.8	3.3			2.4	2.9	1.6	0.5			
	One to four days	7.1	8.6	10.1	11.3			5.6	5.6	8.0	6.3			
	Five days	87.4	85.6	85.1	85.4			92.0	91.5	90.4	93.2			
How many times per day does the typical 3rd grade student have recess	Zero times per day	5.5	6.9	5.1	3.9			2.4	3.9	1.6	0.5			
	Once	60.2	57.3	62.3	62.9			46.4	46.0	53.3	54.4			
	Twice	25.6	27.2	21.7	24.2			42.9	42.0	36.2	36.2			
	Three or more times	8.7	8.7	11.0	9.0			8.3	8.1	8.9	8.9			
What is the total number of minutes per day of recess for the typical 3rd grade student?	Mean	26.3	26.7	26.5	27.3			29.1	29.2	29.7	30.8			
	SE	0.6	0.7	0.7	0.5			0.8	0.8	0.8	0.6			
Does school provide 20+ minutes of recess daily? (created)	Yes	66.1	67.7	68.6	70.8			81.2	78.7	79.7	84.5			
If school does not have regularly-scheduled recess, why not?														
No staff available to monitor students	Yes	2.1						0.5						
Inadequate playground/outdoor facilities	Yes	2.2						2.7						
Inadequate resources	Yes		1.8	1.7	3.5				1.9	1.3	0.9			
Danger from outdoor hazards	Yes	0.5						0.3						
Competing time demands for academics	Yes	10.0	9.6	9.8	11.9			1.9	3.4	2.6	2.7			
Recess is not a high priority for district administrators	Yes	3.0						0.3						
Other	Yes	2.2	2.2	3.5	2.8			0.4	1.5	1.8	0.5			
Activities/games banned during recess:														
Football	Not allowed	41.4						31.3						
Tackle football	Not allowed		90.5	89.7	90.4				91.9	94.7	91.7			
Jump rope	Not allowed	0.8						1.3						
Tag	Not allowed	20.9	20.7	19.8	21.1			12.1	9.8	14.3	10.5			
Dodgeball	Not allowed	50.9	46.3	46.5	46.2			42.5	41.8	43.6	40.0			
Other	Not allowed	8.9	8.6	7.2	7.8			5.5	6.9	8.9	5.8			

8: Physical Activity and Physical Education

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
Are students allowed to walk to school?	No			14.0	13.4					17.0	16.1				
	Yes, in certain grades			9.7	9.2					18.9	21.2				
	Yes, all students			76.2	77.4					64.1	62.8				
Are students allowed to bike to school?	No	27.9	28.1	24.3	23.1			32.4	31.3	28.4	30.6				
	Yes, in certain grades	22.5	22.9	18.6	18.0			23.7	25.5	19.1	18.5				
	Yes, all students	49.6	48.9	57.1	58.9		*	*	43.9	43.2	52.6	51.0			
About what percentage of 3rd grade students walk or bike from home to school on an average school day?	Mean	19.7	20.7	21.9	22.3			5.0	5.6	6.7	7.4				
	SE	1.30	1.30	1.31	1.24			0.84	0.88	0.56	0.76				
To what extent may each of the following barriers prevent 3rd grade students from Percentage of respondents endorsing "to a great extent" or "to a very great extent"															
School is too far away		48.5	43.0	47.1	48.0			76.9	72.1	74.7	72.7				
Traffic danger		56.0	52.0	53.1	54.0			78.7	74.7	66.5	73.1				
Bad weather		18.3	26.2	25.1	25.4			19.3	25.7	27.0	29.9				
Crime		13.5	12.6	11.9	9.8			20.2	14.5	17.6	15.1				
Lack of sidewalks		33.5	30.5	26.7	30.3			30.4	28.8	22.7	23.4				
No bike racks		18.8	19.6	17.0	19.6			26.9	21.4	20.1	20.2				
No crossing guards		25.5	20.1	18.8	24.1			29.6	32.7	28.9	28.6				
Does school have the following facilities available to students during recess?															
Playground equipment				92.8	92.5					82.6	82.5				
Sports fields				78.4	85.0					65.5	77.1				
Balls				93.9	95.1					98.4	98.2				
Jump ropes or hula hoops				88.0	90.9					93.8	92.1				
Other				15.8	18.5					19.8	14.3				
How adequate is the gymnasium?	N/A, don't have	18.8	17.1	16.0	17.9		*		19.2	12.7	13.7	15.5	**	*	
	Not very adequate	10.9	15.1	7.4	7.1				4.8	6.9	8.2	5.8			
	Adequate	28.8	29.3	33.9	32.5				19.2	27.0	24.0	23.0			
	Very adequate	41.5	38.5	42.8	42.6				56.9	53.4	54.1	55.7			
How adequate are the playing fields?	N/A, don't have	3.5	3.9	3.4	4.6				13.0	10.7	13.2	11.1	**		
	Not very adequate	14.5	16.6	14.4	11.6				12.9	19.9	14.7	14.3			
	Adequate	41.2	44.3	42.6	41.7				30.1	37.6	38.2	33.0			
	Very adequate	40.8	35.2	39.5	42.0				43.9	31.8	33.9	41.6			
How adequate is the playground equipment?	N/A, don't have	3.1	1.6	2.2	3.0	*			6.6	6.8	12.4	8.8			
	Not very adequate	16.0	18.1	13.6	10.7				11.3	13.4	8.2	7.8			
	Adequate	44.5	48.2	44.0	45.9				39.1	43.1	36.4	37.5			
	Very adequate	36.4	32.2	40.2	40.4				43.0	36.7	43.1	45.9			

8: Physical Activity and Physical Education

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
How often is students' height measured?	Never	23.9	29.0	25.8	24.2				48.7	54.7	43.6	53.0			
	Selected grades only	34.8	36.4	36.7	36.2				20.1	18.1	25.4	21.4			
	Annually for all students	41.3	34.6	37.6	39.7	**			31.2	27.2	31.0	25.7			
If measured, is students' height sent to parents?	Yes	33.8	35.3	36.5	34.6				16.5	21.0	25.3				
	No	28.5	23.7	29.7	30.2				23.9	18.2	23.9				
	Measured but don't know whether reported	13.7	12.1	8.0	11.0				10.9	6.1	7.3				
	N/A, not measured	23.9	29.0	25.8	24.2		*		48.7	54.7	43.6		*	*	
	Never	24.8	29.9	26.7	26.0				50.8	59.3	49.0	59.8			
How often is students' weight measured?	Selected grades only	34.7	35.8	35.9	35.4				19.7	14.7	21.9	14.7			
	Annually for all students	40.5	34.3	37.4	38.6	*			29.5	26.0	29.0	25.5	*		
	Yes	33.8	34.5	36.7	35.4				15.9	19.5	24.3				
If measured, is student's weight sent to parents?	No	27.7	23.1	28.7	27.9				23.1	14.7	20.0				
	Measured but don't know whether reported	13.7	12.6	26.7	26.0				10.2	6.5	6.6				
	N/A, not measured	24.8	29.9	7.9	10.7		*		50.8	59.3	49.0		*		
	Never	50.0	52.9	48.0	48.8				76.8	80.4	74.9	79.5			
	Selected grades only	26.9	26.3	30.0	30.8				8.1	8.7	12.8	10.1			
How often is students' body mass index calculated?	Annually for all students	23.2	20.8	22.0	20.4				15.1	11.0	12.3	10.4			
	Yes	27.1	27.7	32.3	29.4				10.3	13.3	13.9	11.5			
	No	14.1	12.3	13.3	14.7				7.6	3.2	8.8	5.0			
If measured, is students' body mass index sent to parents?	Measured but don't know whether reported	8.8	7.1	6.4	7.1				5.3	3.2	2.4	4.0			
	N/A, not measured	50.0	52.9	48.0	48.8				76.8	80.4	74.9	79.5			
	Never	25.9	30.8	20.8	20.2				39.7	48.6	34.7	33.9			
	Selected grades only	32.2	35.4	35.2	33.1				24.4	20.3	23.7	21.6			
	Annually for all students	41.9	33.8	44.0	46.7	**			35.9	31.1	41.5	44.6			
If measured, is student physical fitness sent to parents?	Yes	41.4	38.0	43.6	41.7				25.8	23.9	30.0	33.9			
	No	20.8	17.7	25.3	26.1				20.2	18.3	24.3	22.7			
	Measured but don't know whether reported	11.9	13.6	10.3	12.1				14.2	9.2	11.0	9.6			
	N/A, not measured	25.9	30.8	20.8	20.2				39.7	48.6	34.7	33.9			
	Never			17.1	19.0							23.4			
How often is students' PE knowledge and skills measured?	Selected grades only			27.0	23.9							25.4			
	Annually for all students			55.9	57.2							51.2			
	Yes			48.0	46.5										
If measured, is student PE knowledge and skills sent to parents?	No			23.1	22.0										
	Measured but don't know whether reported			11.7	12.6										
	N/A, not measured			17.1	19.0										

8: Physical Activity and Physical Education

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools						Private Schools						
		percentage of students				significance tests		percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4			Y1	Y2	Y3	Y4			
Are students allowed to voluntarily stay inside during recess?	Yes	14.5						11.1						
	No		73.7	69.5	71.8		vs 07-08		84.3	78.3				
	Yes, up to the teacher		18.7	18.6	19.7				10.4	10.8				
	Yes, but it is discouraged		7.6	11.9	8.5		*	ns	5.3	10.9				
Are adequate indoor recreation facilities available during inclement weather?	Yes	41.2						48.0						
Do teachers keep students inside during recess as punishment for poor behavior?	Yes	56.5						44.6						
Are students kept inside during recess as punishment for poor behavior?	No		32.9						51.3					
	Yes, up to the teacher		43.0						32.1					
	Yes, but it is discouraged		24.1						16.6					
Are students kept inside during recess as a consequence of poor behavior?	No			27.8	34.5		vs 08-09							
	Yes, up to the teacher			46.8	41.3									
	Yes, but it is discouraged			25.4	24.2		*							
Do teachers keep students inside during recess to complete school work?	Yes	73.6						68.6						
Are students kept inside during recess to complete schoolwork?	No		23.9	21.8	23.8		vs 07-08		28.0	22.6				
	Yes, up to the teacher		56.4	51.3	51.0				46.9	47.4				
	Yes, but it is discouraged		19.7	26.9	25.2		*	ns	25.1	30.0				
Do teachers use physical activity as punishment for poor behavior?	Yes	6.3						10.7						
Is physical activity used as a punishment for poor behavior?	No		95.0						88.0					
	Yes, up to the teacher		3.2						9.1					
	Yes, but it is discouraged		1.8						2.9					
Is physical activity used as a technique for managing poor student behavior?	No			90.1	88.1		vs 08-09							
	Yes, up to the teacher			7.5	9.0									
	Yes, but it is discouraged			2.5	2.9			ns						
Does school offer any of the following opportunities for physical activity (check all that apply)														
Intramural team sports	Yes	29.2	24.7	29.5	25.7	*		46.4	44.7	51.0	50.6			
Extramural team sports	Yes	19.3	18.9	21.5	17.8			57.2	59.7	60.0	57.7			
Individual sports	Yes	5.3						17.3						
School-sponsored after-school physical activities	Yes	39.7	37.6	45.8	43.5	*		59.2	55.7	61.0	61.7			
Sports & Rec/Park District-sponsored after school programs at school	Yes	40.0	43.0					23.7	23.8					
Unsupervised after-school use of outdoor facilities	Yes	33.1						7.7						
Unsupervised after-school use of indoor fitness facilities	Yes	2.7						0.0						
Nontraditional physical education activities to make physical education enjoyable	Yes	16.1	19.6	18.6	14.4			21.1	18.3	19.2	22.6			
President's Challenge Physical Activity & Fitness Awards	Yes	45.0	49.5	59.2	57.8		***	56.2	57.1	67.4	65.7		**	*
Opportunities during the school day for organized physical activities such as walking or running laps at recess	Yes	43.8	42.4	49.0	46.5			31.7	32.6	35.9	33.5			
Walk to School or Bike to School events	Yes	17.0	18.0	23.5	27.8		**	4.8	7.2	7.0	8.1			
Walking school bus	Yes	3.0	4.4	4.7	6.2			0.7	2.0	1.2	0.4			
Safe Routes to School or similar program	Yes	13.8	14.8	18.3	19.3			4.2	4.0	3.3	3.2			

8: Physical Activity and Physical Education

Estimates show percentages of students enrolled in an elementary school with each practice

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools						Private Schools							
		percentage of students				significance tests		percentage of students				significance tests			
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
Are there advertisements for sports and/or physical activity in the school cafeteria?	Yes	47.6	45.5	48.7	49.1				20.2	23.1	24.0	26.7			
Are there advertisements for sports and/or physical activity anywhere else in school?	Yes	51.6	48.3	50.6	51.1				39.7	36.5	44.6	45.8			
Are teachers required to have undergraduate or graduate training in PE?	Yes			92.3	92.8						80.3	81.6			
Are PE teachers required to be certified, licensed, or endorsed?	Yes			91.4	93.5						53.9	58.2			
Are PE teachers required to earn CE credits for PE?	Yes			77.3	79.4						62.8	71.7			**
Is a standardized research-based PE curriculum used?	Yes			39.2	39.1						17.7	22.8			
Are outside organizations or individuals allowed to use outdoor facilities?	Yes, organizations			49.2	47.2						34.8	42.2			
	Yes, individuals			4.6	4.7						7.2	4.0			
	Yes, both			32.6	33.7						21.7	23.0			
	No			13.6	14.4						36.3	30.8			
Are outside organizations or individuals allowed to use indoor facilities?	Yes, organizations			58.1	61.3						48.2	53.8			
	Yes, individuals			1.1	0.4						4.2	2.6			
	Yes, both			20.3	17.5						20.1	19.3			
	No			20.6	20.8						27.6	24.3			

9: Wellness Policies and Other Policies																	
Estimates show percentages of students enrolled in an elementary school with each practice																	
		Public Schools								Private Schools							
		percentage of students								percentage of students							
		07	08	09	10	07	08	09	10	07	08	09	10	07	08	09	10
Has school district or school established a school wellness policy that addresses student nutrition and/or physical activity issues?	Yes, the school district only	69.4	72.5	69.0	71.4					15.0	14.3	13.1	12.9				
	Yes, the school	3.2	4.2	3.7	6.0					29.6	26.5	31.6	31.5				
	Yes, school and district	7.5	12.5	13.9	11.8					3.6	6.8	7.7	4.5				
	No	9.5	4.5	5.6	5.5					44.3	43.4	40.7	41.0				
	Don't know	10.4	6.4	7.8	5.3					7.5	9.1	7.0	10.2				
		With a Wellness Policy				Without a Wellness Policy				With a Wellness Policy				Without a Wellness Policy			
		percentage of students				percentage of students				percentage of students				percentage of students			
		07	08	09	10	07	08	09	10	07	08	09	10	07	08	09	10
Has school district or school developed explicit goals to promote student wellness through nutrition education ?	Yes, developed	50.9	54.3	57.9	60.4	15.5	15.4	10.3	16.9	47.7	48.8	44.7	44.9	9.4	9.4	11.1	11.2
	Currently developing	26.4	24.5	23.4	20.7	15.5	14.2	10.3	14.5	33.3	32.2	38.1	27.3	11.1	12.5	15.0	14.8
	No, not yet	15.6	14.5	12.4	13.0	59.4	41.6	42.1	52.8	17.9	17.4	15.5	25.9	76.7	73.2	66.2	69.2
	Don't know	7.1	6.6	6.3	5.9	9.7	28.8	37.3	15.8	1.1	1.7	1.7	1.9	2.8	4.9	7.7	4.9
Has school district or school developed explicit goals to promote student wellness through physical activity ?	Yes, developed	55.0	64.5	72.1	73.7	23.7	41.0	33.6	29.9	55.0	62.7	67.8	61.5	21.6	34.6	35.4	35.7
	Currently developing	26.7	19.3	18.3	14.6	16.0	20.0	14.3	18.2	33.0	24.3	21.1	25.5	17.8	17.5	18.9	12.9
	No, not yet	12.1	11.6	5.8	7.0	55.2	21.0	23.6	38.0	11.0	13.0	8.2	10.1	59.8	42.9	38.1	44.8
	Don't know	6.3	4.6	3.8	4.7	5.1	18.0	28.5	14.0	1.1	0.0	2.9	2.8	0.9	4.9	7.7	6.6
Has school district or school developed explicit goals to promote student wellness through other school-based activities ?	Yes, developed	38.9	47.6	53.4	55.4	5.4	12.9	10.9	13.6	31.8	41.0	45.1	45.2	7.5	12.4	17.9	12.7
	Currently developing	31.9	25.9	27.5	23.1	23.0	22.2	14.3	17.4	43.2	36.2	35.9	35.3	12.7	23.0	18.5	18.2
	No, not yet	18.2	14.6	8.9	9.4	64.1	31.7	36.9	38.0	21.5	18.2	14.7	12.3	76.1	56.1	50.3	57.6
	Don't know	11.0	12.0	10.2	12.1	7.4	33.3	38.0	31.1	3.6	4.7	4.2	7.2	3.7	8.5	13.3	11.4
Has school district or school developed nutrition guidelines for all foods available during the school day ?	Yes, developed	71.7				31.0				46.9				9.3			
	Currently developing	16.7				15.2				29.7				9.6			
	No, not yet	9.3				51.7				22.6				78.2			
	Don't know	2.3				2.1				0.8				2.9			
Has school district or school developed explicit goals to promote student wellness through guidelines for reimbursable school meals ?	Yes, developed		61.1	64.5	66.2		43.6	31.9	36.0		40.4	34.6	34.2		6.0	7.5	6.0
	Currently developing		6.4	5.1	4.4		7.1	4.7	6.0		4.1	9.7	4.1		0.0	1.4	2.1
	No, not yet		10.4	9.3	7.3		14.8	18.4	24.8		40.9	41.3	41.8		81.9	72.6	80.0
	Don't know		22.0	21.1	22.1		34.4	45.0	33.2		14.5	14.3	19.8		12.5	18.4	11.9
Has school district or school developed explicit goals to promote student wellness through nutrition guidelines for non-reimbursable foods and beverages ?	Yes, developed		48.7	52.9	55.1		19.6	17.1	19.0		39.0	28.8	31.9		5.4	6.5	3.2
	Currently developing		9.8	8.7	5.7		9.0	7.0	1.4		11.9	15.3	7.1		4.3	3.0	8.4
	No, not yet		15.5	11.3	11.5		26.7	22.3	33.7		36.7	39.8	46.6		77.9	70.7	75.0
	Don't know		25.9	27.2	27.7		44.7	53.6	45.9		12.4	16.1	14.4		12.4	19.8	13.5
Has your school district or school developed a plan for measuring implementation of the school wellness policy?	Yes, developed	34.1								27.8							
	Currently developing	30.2								36.9							
	No, not yet	20.8					NA			25.7					NA		
	Don't know	14.2								5.7							
	N/A	0.8								3.9							
Has school district or school developed plans for policy evaluation and implementation ?	Yes, developed		40.1	43.2	49.0						37.7	34.1	31.8				
	Currently developing		23.0	24.8	17.7						27.8	34.9	24.2				
	No, not yet		16.5	10.6	9.9						29.3	24.8	35.1				
	Don't know		20.3	21.3	23.4						5.1	6.2	8.8				
Has your school district or school designated one or more persons to have operational responsibility for ensuring that the wellness policy is implemented?	Yes	67.8															
	No	12.5															
	Don't know	19.8															
	Yes, the school		12.7	9.3	10.9						52.0	55.6	55.3				
	Yes, the school district		50.8	52.0	47.7						8.8	7.5	8.0				
	Yes, both school and district		14.2	17.2	18.6						8.0	5.5	2.9				
	No		12.1	10.9	12.6						29.3	25.8	30.1				
	Don't know		10.3	10.6	10.1						1.9	5.7	3.7				

9: Wellness Policies and Other Policies

Estimates show percentages of students enrolled in an elementary school with each practice

		Public Schools								Private Schools							
		With a Wellness Policy				Without a Wellness Policy				With a Wellness Policy				Without a Wellness Policy			
		percentage of students				percentage of students				percentage of students				percentage of students			
		07	08	09	10	07	08	09	10	07	08	09	10	07	08	09	10
Has school district or school involved any of the following participants in the development of the school wellness policy? (check all that apply)																	
Parents	Yes	67.8	76.8	79.0						55.1	61.2	64.9					
Students	Yes	46.4	47.7	53.4						37.4	34.8	30.4					
Teachers	Yes	76.5		82.5						81.4		72.4					
School food personnel	Yes	80.9	88.0	85.0		----- NA -----				67.5	57.7	62.8		----- NA -----			
School board members	Yes	52.0	53.7	55.3						29.2	37.2	25.8					
School administrators	Yes	77.1	83.4	86.9						73.5	86.0	89.8					
Other members of the public	Yes	22.8	31.3	31.8						14.1	13.5	13.3					
Other school personnel	Yes	20.4	4.6	6.8						18.1	4.7	8.0					
Does school district or school have a health advisory council or an advisory group that makes recommendations regarding nutrition and/or exercise for students?	Yes, school level only	6.2	6.1	5.9	6.4	2.1	5.6	5.9	8.0	15.9	24.2	26.5	26.1	4.9	5.1	4.9	9.0
	Yes, district level only	45.9	48.8	47.0	45.4	21.5	25.0	32.6	28.2	9.3	8.6	11.0	6.0	0.0	0.3	0.8	0.6
	Yes, school and district levels	12.3	19.6	19.9	22.8	7.9	3.1	2.1	3.0	7.2	7.5	6.2	6.4	1.2	0.0	0.0	0.7
	No	35.7	25.4	27.2	25.4	68.5	66.3	59.5	60.8	67.6	59.6	56.2	61.5	93.9	94.6	94.2	89.7
If Yes, during the past 12 months about how many times has this group met?	None	0.5				1.4				0.0				0.0			
	Once or twice	13.0				11.6				10.0				3.3			
	Three or more times	25.5				9.0				14.0				1.6			
	Don't know	24.6				9.4				8.4				1.2			
	N/A	36.4				68.5				67.6				93.9			
Is formal classroom instruction offered on nutrition and dietary behavior?	Yes	64.0	72.4	71.2	67.0	42.6	61.5	61.7	56.9	69.3	82.7	81.9	78.1	53.6	74.0	74.3	60.2
	No	23.6	25.3	25.7	29.2	50.4	37.0	30.3	41.7	22.2	15.4	17.2	20.6	39.5	23.0	21.1	35.2
	Don't know	12.4	2.3	3.2	3.8	7.0	1.5	8.0	1.4	8.5	1.9	0.8	1.3	6.9	3.1	4.6	4.6
Is formal classroom instruction offered on physical activity?	Yes	81.9	89.8	89.4	86.9	69.1	87.5	82.8	77.8	78.6	87.9	93.7	90.6	62.7	84.6	83.9	84.5
	No	10.7	9.5	9.1	10.9	27.7	11.3	13.6	22.2	12.9	12.1	5.6	9.0	30.3	14.6	12.7	12.4
	Don't know	7.4	0.7	1.6	2.2	3.3	1.2	3.6	0.0	8.5	0.0	0.6	0.4	6.9	0.8	3.5	3.1
Does school report to district regarding implementation of any of the following components of the wellness policy?																	
Number of minutes of physical education instruction at each grade level														42.5			
Number of minutes of nutrition education instruction at each grade level														16.2			
Student participation in school meal programs						----- NA -----								32.9			
Revenue from sale of food or beverages in fundraisers														9.7			
Opportunities for increased physical activity during the school day														16.2			

10: Principal Perceptions

Estimates show percentages of students enrolled in an elementary school with each practice

		Public Schools				Private Schools			
		percentage of students				percentage of students			
		2006-07	2007-08	2008-09	2009-10	2006-07	2007-08	2008-09	2009-10
I am concerned about students at this school being overweight	Strongly disagree	3.2	2.1			6.0	5.6		
	Disagree	17.2	22.5			28.9	36.1		
	Agree	56.1	61.5			47.7	50.6		
	Strongly agree	23.5	14.0			17.3	7.7		
I am interested in encouraging students at this school to consume more nutritious foods and beverages	Strongly disagree	0.7				0.4			
	Disagree	0.8				2.1			
	Agree	53.4				51.1			
	Strongly agree	45.0				46.4			
I am interested in encouraging students at this school to get more exercise and physical activity than they do now	Strongly disagree	1.0				0.7			
	Disagree	2.4				9.6			
	Agree	48.8				51.8			
	Strongly agree	47.8				37.9			
Schools can play a role in addressing the problem of childhood obesity	Strongly disagree	1.5				0.7			
	Disagree	3.1				2.6			
	Agree	54.1				59.0			
	Strongly agree	41.4				37.7			
Keeping children physically active helps them to perform better in other classroom activities and academics	Strongly disagree	1.0				0.7			
	Disagree	0.2				0.4			
	Agree	35.4				31.7			
	Strongly agree	63.4				67.2			
Parents of students at this school have expressed an interest in participating in improving nutrition and/or physical activity practices at school	Strongly disagree	12.6				7.2			
	Disagree	45.1				40.2			
	Agree	34.2				42.5			
	Strongly agree	8.0				10.1			
Parents of students at this school have expressed an interest in participating in improving nutrition practices at school	Strongly disagree		15.9				11.9		
	Disagree		47.8				40.2		
	Agree		31.3				41.8		
	Strongly agree		4.9				6.1		
Parents of students at this school have expressed an interest in participating in improving physical activity practices at school	Strongly disagree		14.9				11.8		
	Disagree		48.2				46.7		
	Agree		32.9				37.6		
	Strongly agree		4.0				3.9		
High-quality PE can enhance student concentration	Strongly disagree			2.8				3.1	
	Disagree			0.1				0.0	
	Agree			25.6				33.9	
	Strongly agree			71.5				63.0	
High-quality PE decreases student discipline problems	Strongly disagree			2.7				3.1	
	Disagree			2.1				6.1	
	Agree			41.4				47.5	
	Strongly agree			53.8				43.3	
High-quality PE can enhance academic performance	Strongly disagree			2.8				3.1	
	Disagree			0.9				2.6	
	Agree			36.1				46.8	
	Strongly agree			60.3				47.5	

Appendix: School Characteristics and Demographics

* $p < .05$, ** $p < .01$, *** $p < .001$

		Public Schools							Private Schools						
		percentage of students				significance tests			percentage of students				significance tests		
		2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4	2006-07	2007-08	2008-09	2009-10	Y1 v Y2	Y1 v Y3	Y1 v Y4
		Y1	Y2	Y3	Y4				Y1	Y2	Y3	Y4			
Total number of students enrolled at school	Mean	581.1	554.7	554.6	554.1				481.2	448.4	425.4	410.5			
	SE	12.9	9.7	11.2	17.7				20.2	21.4	13.7	16.2			
Total number of third grade students enrolled at school	Mean	99.8	95.3	95.9	98.5				47.1	48.6	45.9	46.2			
	SE	2.9	2.3	2.4	2.4				0.5	1.5	1.2	1.3			
Average 3rd grade class size, number of students	Mean	28.1	23.8	22.2	23.6				32.3	22.7	21.7	22.0			
	SE	1.5	0.8	0.4	0.5				2.9	0.4	0.4	0.5			
What percent of students are eligible/certified to receive free or reduced-price lunch	Mean	48.8	48.2	49.6	51.0				N/A						
	SE	1.5	1.4	1.4	1.4				N/A						
What percent of students are eligible/certified to receive free lunch	Mean	39.0	39.4	41.2	43.2				N/A						
	SE	1.7	1.3	1.3	1.3				N/A						
What percent of students are eligible/certified to receive reduced-price lunch	Mean	8.0	8.8	8.4	7.8				N/A						
	SE	0.9	0.2	0.2	0.2				N/A						
Does school qualify for Title 1 funding	Yes	73.5	70.8	73.4	75.8				43.4	42.5	48.5	43.3			
Do the following staff work at this school:															
Physical education coordinator	No	65.0	75.0	79.8	79.2				63.1	61.7	67.1	64.6			
	Yes, part time	29.0	19.9	17.5	17.6				7.0	10.2	8.2	6.9			
	Yes, full time	6.0	5.1	2.7	3.2	***	***	***	29.8	28.2	24.8	28.6			
Physical education teachers	No	9.5	10.5	8.0	7.9				3.7	4.3	3.7	4.9			
	Yes, part time	15.5	17.8	17.0	19.1				26.9	29.2	27.8	34.5			
	Yes, full time	74.9	71.7	75.0	73.0				69.4	66.5	68.5	60.6			
Food service coordinator	No	16.3	25.7	22.3	24.4				35.0	36.0	36.8	35.7			
	Yes, part time	60.5	48.5	49.9	49.0				22.8	24.6	25.8	25.4			
	Yes, full time	23.3	25.8	27.8	26.7	***	**	***	42.1	39.5	37.4	38.9			
Dietitian/nutritionist	No	60.1	70.2	74.8	76.0				88.6	89.8	91.1	92.9			
	Yes, part time	35.4	26.2	23.2	21.8				6.9	6.5	7.2	3.6			
	Yes, full time	4.5	3.6	2.0	2.2	***	***	***	4.5	3.7	1.7	3.6			
Health educator	No	65.5	71.1	71.3	67.0				77.3	68.9	76.0	75.8			
	Yes, part time	25.7	23.1	21.0	19.1				12.3	19.3	14.4	13.4			
	Yes, full time	8.8	5.8	7.7	10.9			*	10.4	11.8	9.5	10.8			