



Epi Data Tables

New York City Department of Health and Mental Hygiene

August 2014, No. 48

Green Cart Evaluation, 2008 - 2011

Data Tables

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Data Source

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The Green Cart Evaluation Availability Survey was conducted in all Brooklyn Green Cart precincts (67, 70, 71, 73, 75, 77, 79, 81, and 83), Manhattan precincts 25 and 28 in Central Harlem, precincts 40 and 44 in the South Bronx, and in the Brooklyn comparison precincts (66, 72, and 90), selected for their demographics similar to the Green Cart Precincts. Availability, quality, variety, and price of fruits and vegetables were documented in a sample of bodegas, small grocery stores, supermarkets, fruit and vegetable stores, and carts in those neighborhoods in 2008, 2009, and 2011. Although crude proportions are reported, analyses adjusting for neighborhood characteristics produced the same results. Data were weighted to adjust for non-response and for varying probabilities of selection. Weights were calculated based on precinct and store type within Green Cart or comparison precincts. Weights were scaled so that the sum of the weights was equal to the total sample size.

[To access the related Epi Data Brief, go to nyc.gov/html/doh/downloads/pdf/epi/databrief48.pdf](http://nyc.gov/html/doh/downloads/pdf/epi/databrief48.pdf)

Table 1: Green Cart Evaluation Availability Survey Response Rates for 2008, 2009 and 2011

Source: Green Cart Evaluation Availability Survey, 2008, 2009, and 2011

	Comparison neighborhoods			Green Cart neighborhoods		
	Sample	N	%	Sample	N	%
2008						
Overall	230	187	81	422	369	87
Supermarkets	14	13	93	40	39	98
Bodegas	175	148	85	298	273	92
Small Grocery	17	13	76	13	13	100
F&V Stores	10	6	60	20	13	65
F&V Carts/Vendors	14	7	50	51	31	61
Green Carts
2009						
Overall	235	206	88	474	395	83
Supermarkets	16	16	100	43	42	98
Bodegas	170	152	89	294	259	88
Small Grocery	17	16	94	8	7	88
F&V Stores	12	9	75	23	19	83
F&V Carts/Vendors	20	13	65	79	47	59
Green Carts	.	.	.	27	21	78
2011						
Overall	235	208	89	472	445	94
Supermarkets	13	13	100	43	41	95
Bodegas	171	147	86	293	270	92
Small Grocery	14	13	93	16	16	100
F&V Stores	17	15	88	23	22	96
F&V Carts/Vendors	20	20	100	30	29	97
Green Carts	.	.	.	67	67	100

F&V = Fruit and Vegetable

Table 2: Green Carts Evaluation Availability Survey Baseline, Year 1 and Year 2 follow-up - Overall

Source: Green Cart Evaluation Availability Survey, 2008, 2009, and 2011

	Green Cart neighborhoods				Comparison neighborhoods			
	Weighted N	%	Lower 95% CI	Upper 95% CI	Weighted N	%	Lower 95% CI	Upper 95% CI
2008								
Availability								
No fruit or vegetables	666	29.9	25.0	34.9	192	32.5	25.6	39.3
Fruit and vegetables	1108	49.8	44.6	55.1	336	56.9	49.6	64.2
Just fruit	224	10.1	6.9	13.3	36	6.2	2.6	9.7
Just vegetables	225	10.1	6.8	13.5	26	4.4	1.4	7.5
Variety								
1-5 types of fruit or vegetables	683	43.8	37.6	50.1	112	28.2	20.2	36.3
6-10 types of fruit or vegetables	400	25.7	20.1	31.3	78	19.6	12.5	26.6
10+ types of fruit or vegetables	475	30.5	25.0	35.9	208	52.2	43.5	60.9
Quality								
"Average" or "great" quality	.	96.1	94.3	97.8	.	94.5	92.2	96.8
2009								
Availability								
No fruit or vegetables	418	19.2	14.8	23.5	136	21.4	15.5	27.2
Fruit and vegetables	1489	68.3	63.3	73.3	410	64.5	57.8	71.3
Just fruit	185	8.5	5.7	11.3	44	7.0	3.5	10.5
Just vegetables	87	4.0	1.8	6.2	45	7.1	3.4	10.8
Variety								
1-5 types of fruit or vegetables	625	35.5	29.9	41.1	136	27.3	20.2	34.4
6-10 types of fruit or vegetables	439	24.9	19.7	30.2	113	22.6	16.0	29.2
10+ types of fruit or vegetables	697	39.6	34.1	45.1	250	50.1	42.5	57.7
Quality								
"Average" or "great" quality	.	96.3	95.0	97.5	.	95.4	93.6	97.1
2011								
Availability								
No fruit or vegetables	328	15.3	11.5	19.2	159	26.0	19.7	32.3
Fruit and vegetables	1482	69.2	64.3	74.1	396	63.8	57.0	70.6
Just fruit	187	8.7	5.9	11.6	44	7.1	3.8	10.5
Just vegetables	144	6.7	4.0	9.4	19	3.1	0.6	5.5
Variety								
1-5 types of fruit or vegetables	684	37.8	32.3	43.2	104	22.9	16.1	29.8
6-10 types of fruit or vegetables	439	24.2	19.3	29.1	135	29.8	22.2	37.3
10+ types of fruit or vegetables	689	38.0	32.9	43.1	215	47.3	39.4	55.2
Quality								
"Average" or "great" quality	.	88.4	86.0	90.8	.	94.4	91.9	96.8

95% CI = 95% Confidence Interval, which is a measure of estimate precision. The wider the interval, the more imprecise the estimate. Data were weighted to adjust for non-response and for varying probabilities of selection. weights were calculated based on precinct and store type within Green Cart or comparison precincts.

Weights were scaled so that the sum of the weights was equal to the total sample size.

Table 3: Green Carts Evaluation Availability Survey Baseline, Year 1 and Year 2 - Excluding Green Carts

Source: Green Cart Evaluation Availability Survey, 2008, 2009, and 2011

	Green Cart neighborhoods				Comparison neighborhoods			
	Weighted N	%	Lower 95% CI	Upper 95% CI	Weighted N	%	Lower 95% CI	Upper 95% CI
2008								
Availability								
No fruit or vegetables	666	29.9	25.0	34.9	192	32.5	25.6	39.3
Fruit and vegetables	1108	49.8	44.6	55.1	336	60.0	49.6	64.2
Just fruit	224	10.1	6.9	13.3	36	6.2	2.6	9.7
Just vegetables	225	10.1	6.8	13.5	26	4.4	1.4	7.5
Variety								
1-5 types of fruit or vegetables	683	43.8	37.6	50.1	112	28.2	20.2	36.3
6-10 types of fruit or vegetables	400	25.7	20.1	31.3	78	19.6	12.5	26.6
10+ types of fruit or vegetables	475	30.5	25.0	35.9	208	52.2	43.5	60.9
Quality								
"Average" or "great" quality	.	96.1	94.3	97.8	.	94.5	92.2	96.8
2009								
Availability								
No fruit or vegetables	418	19.4	14.8	23.5	136	21.4	15.5	27.2
Fruit and vegetables	1463	68.0	62.9	73.0	410	64.5	57.8	71.3
Just fruit	184	8.6	5.7	11.4	44	7.0	3.5	10.5
Just vegetables	87	4.1	1.8	6.3	45	7.1	3.4	10.8
Variety								
1-5 types of fruit or vegetables	625	36.0	30.3	41.7	136	27.3	20.2	34.4
6-10 types of fruit or vegetables	439	25.3	20.0	30.7	113	22.6	16.0	29.2
10+ types of fruit or vegetables	670	38.6	33.1	44.2	250	50.1	42.5	57.7
Quality								
"Average" or "great" quality	.	96.2	95.0	97.5	.	95.4	93.6	97.1
2011								
Availability								
No fruit or vegetables	328	15.9	11.9	19.9	159	26.0	19.7	32.3
Fruit and vegetables	1414	68.4	63.4	73.5	396	63.8	57.0	70.6
Just fruit	179	8.7	5.7	11.6	44	7.1	3.8	10.5
Just vegetables	144	7.0	4.2	9.8	19	3.1	0.6	5.5
Variety								
1-5 types of fruit or vegetables	684	39.4	33.7	45.0	104	22.9	16.1	29.8
6-10 types of fruit or vegetables	427	24.6	19.5	29.7	135	29.8	22.2	37.3
10+ types of fruit or vegetables	627	36.1	30.8	41.4	215	47.3	39.4	55.2
Quality								
"Average" or "great" quality	.	87.9	85.4	90.4	.	94.4	91.9	96.8

95% CI = 95% Confidence Interval, which is a measure of estimate precision. The wider the interval, the more imprecise the estimate. Data were weighted to adjust for non-response and for varying probabilities of selection. Weights were calculated based on precinct and store type within Green Cart or comparison precincts.

Weights were scaled so that the sum of the weights was equal to the total sample size.

Table 4: Green Carts Evaluation Availability Survey Baseline, Year 1 and Year 2 - Bodegas Only

Source: Green Cart Evaluation Availability Survey, 2008, 2009, and 2011

	Green Cart neighborhoods				Comparison neighborhoods			
	Weighted N	%	Lower 95% CI	Upper 95% CI	Weighted N	%	Lower 95% CI	Upper 95% CI
2008								
Availability								
No fruit or vegetables	655	33.7	28.0	39.3	188	36.6	28.9	44.3
Fruit and vegetables	878	45.1	39.3	51.0	266	51.9	43.8	59.9
Just fruit	190	9.7	6.2	13.3	35	6.8	2.7	10.8
Just vegetables	223	11.5	7.7	15.3	24	4.7	1.3	8.2
Variety								
1-5 types of fruit or vegetables	658	51.0	43.7	58.3	108	33.1	23.6	42.7
6-10 types of fruit or vegetables	375	29.1	22.5	35.7	73	22.5	14.1	30.9
10+ types of fruit or vegetables	257	19.9	14.1	25.7	144	44.4	34.4	54.4
Quality								
"Average" or "great" quality	.	95.7	93.6	97.8	.	93.6	90.8	96.4
2009								
Availability								
No fruit or vegetables	417	22.6	17.5	27.7	136	25.7	18.7	32.6
Fruit and vegetables	1200	65.1	59.3	70.9	310	58.6	50.7	66.4
Just fruit	140	7.6	4.4	10.8	38	7.2	3.1	11.3
Just vegetables	86	4.7	2.1	7.2	45	8.6	4.1	13.0
Variety								
1-5 types of fruit or vegetables	571	40.0	33.3	46.8	129	32.7	24.0	41.4
6-10 types of fruit or vegetables	430	30.2	23.8	36.6	108	27.4	19.3	35.6
10+ types of fruit or vegetables	425	29.8	23.5	36.1	156	39.8	30.9	48.8
Quality								
"Average" or "great" quality	.	95.8	94.3	97.3	.	94.5	92.3	96.8
2011								
Availability								
No fruit or vegetables	327	18.3	13.7	22.9	159	31.4	23.9	38.9
Fruit and vegetables	1155	64.6	58.9	70.3	298	58.7	50.8	66.7
Just fruit	162	9.3	5.7	12.4	31	6.1	2.2	10.1
Just vegetables	144	8.1	4.9	11.3	19	3.7	0.7	6.7
Variety								
1-5 types of fruit or vegetables	671	45.9	39.4	52.5	92	26.6	17.7	34.9
6-10 types of fruit or vegetables	420	28.7	22.7	34.7	128	36.9	27.4	46.3
10+ types of fruit or vegetables	370	25.3	19.6	31.0	128	36.9	27.5	46.2
Quality								
"Average" or "great" quality	.	86.0	83.1	89.0	.	93.0	89.9	96.1

95% CI = 95% Confidence Interval, which is a measure of estimate precision. The wider the interval, the more imprecise the estimate. Data were weighted to adjust for non-response and for varying probabilities of selection. weights were calculated based on precinct and store type within Green Cart or comparison precincts. Weights were scaled so that the sum of the weights was equal to the total sample size.