Report to the New York City Council on Green Carts FY2011

Submitted by the New York City Department of Health and Mental Hygiene October 2011

About this Report

Local Law 9 requires that the Department of Health and Mental Hygiene (the Department) provide the New York City Council with a report concerning fresh fruit and vegetable consumption, along with Green Cart information including:

- the number of applications for permits by borough;
- the number of permits issued by borough;
- the number of people on the waiting list by borough;
- the number of violations issued by borough and by locations; and
- consumption of fruits and vegetables by neighborhood.

The report is required annually for three years. This is the third and final report and covers activities from the law's effective date of June 13, 2008 through the end of Fiscal Year 2011.

Local Law 9 Implementation

On July 31, 2009 the Department launched Phase 2 of the Green Cart Initiative. During the second year, the Department began the process to issue the maximum number of permits, 1000, permissible by Local Law 9.

As this program is being implemented, carts are improving accessibility to fresh produce in underserved areas of New York City. In order to encourage potential vendors to apply for Green Cart permits, the Department continued to provide informational sessions and technical support upon request. The Department's website (www.nyc.gov/greencarts) continued to provide information about Green Carts, including step by step instructions on the application process in multiple languages.

Permitting Process

By the end of the FY 2011, almost half (458) of the total permits allowed under the Green Cart initiative were issued. During this July and August alone, there has been an increase of 53 permits bringing the total number of active Green Cart permits to 501. This is an increase of 86 permits since June 30, 2010. Potential vendors have six months to complete the permit process after submitting an application for a Green Cart permit. For the most recent round of applications, potential vendors have until February 2012 to get a Green Cart permit.

Table 1. Permit Information by Borough

					Staten	
	Bronx	<u>Brooklyn</u>	<u>Manhattan</u>	Queens	Island	TOTAL
Permits Available	350	350	150	100	50	1000
Applications Submitted ¹	618	752	343	195	46	1954
_						
Current Permits Issued ²	197	171	90	39	4	501
People on Wait List at FY end	133	160	1770	830	0	NA^3

¹Based upon experience during Year 1 of implementation related to completion of process by vendors, the Department expanded the number of applications accepted from vendors to exceed the number of permits available.

² As of September 9, 2011

³ Not applicable for Citywide total; a person may be on the wait list for multiple boroughs

Inspections Process

Table 2 shows the location and number of violations issued to Green Carts during FY2011. A total of 136 violations were found among permitted Green Carts in four boroughs.

Table 2. Violations by Borough⁴

LOCATION			<u># OF</u> VIOLATIONS
<u>Manhattan</u>			
2261		1ST AVE	1
158		EAST 116 ST	1
242		EAST 106 ST	3
166		EAST 96 ST	1
110-02		MALCOLM X BLVD	1
1ST AVE	and	EAST 116 ST	1
LEXINGTON AVE	and	EAST 97 ST	3
LENOX AVE	and	WEST 116 ST	2
LENOX AVE	and	WEST 116 ST	2
WEST END AVE	and	WEST 70 ST	3
ST NICHOLAS AVE	and	WEST 145 ST	1
LEXINGTON AVE	and	WEST 125 ST	1
ST NICHOLAS AVE	and	WEST 145 ST	1
ST NICHOLAS AVE	and	WEST 145 ST	1
ST NICHOLAS AVE	and	WEST 145 ST	1
LEXINGTON AVE	and	EAST 125 ST	2
BROADWAY	and	WEST 165 ST	1
LEXINGTON AVE	and	EAST 126 ST	1
LENOX AVE	and	WEST 116 ST	1
1ST AVE	and	EAST 116 ST	2

2ND AVE 3RD AVE FRED DOUGLASS BLVD UNKNOWN Manhattan Subtotal	and and and	EAST 104 ST	1 1 1 3 36
Bronx 714 905 2489 371 55 1798 2438 1780 3402 2035 112 2141 62 416 1990 2154 JEROME AVE CRESTON AVE BAILEY AVE CRESTON AVE GRAND CONCOURSE WEST BURNSIDE AVE GRAND CONCOURSE GRAND CONCOURSE BAINBRIDGE AVE WALTON AVE BERGEN AVE WALTON AVE BERGEN AVE WALTON AVE BERGEN AVE WALTON AVE BERGEN AVE WALTON AVE GRAND CONCOURSE EAST TREMONT AVE CRESTON AVE BERGEN AVE WALTON AVE GRAND CONCOURSE EAST TREMONT AVE CRESTON AVE CRESTON AVE MORRIS AVE CRESTON AVE	and	EAST FORDHAM RD WEST 225 ST EAST FORDHAM RD EAST 210 ST WEST FORDHAM RD EAST 188 ST DAVIDSON AVE EAST 188 ST EAST 165 ST EAST GUNHILL RD EAST 170 ST EAST 161 ST EAST 210 ST EAST FORDHAM RD EAST 149 ST EAST 170 ST EAST 170 ST EAST 188 ST PROSPECT AVE EAST FORDHAM RD EAST 188 ST PROSPECT AVE EAST 210 ST EAST 50RDHAM RD	1 1 2 1 1 1 1 1 1 1 1 1 2 2 1 1 2 1 1 1 1 1 2 1 3 2 1 1 1 1
SILE I SIN AVE	and	EAST 188 ST	'

GRAND CONCOURSE VIRGINIA AVE EAST TREMONT AVE GRAND CONCOURSE JEROME AVE ROCHAMBEAU AVE WEST KINGSBRIDGE GRAND CONCOURSE LINCOLN AVE GRAND CONCOURSE Bronx Subtotal	and and and and and and and and	EAST 208 ST EAST 210 ST GRAND AVE EAST 165 ST BRUCKNER BLVD	1 1 2 1 2 1 1 1 3 2 72
Brooklyn 470 564 2141 2141 2139 2141 2139 1416 2829 GLENWOOD AVE GREENE AVE FLUSHING AVE FLATBUSH AVE FLATBUSH AVE AVENUE M Brooklyn Subtotal		CLARKSON AVE GRANT AVE NOSTRAND AVE NOSTRAND AVE NOSTRAND AVE NOSTRAND AVE NOSTRAND AVE ROCKAWAY PKWY 3RD AVE ROCKAWAY PKWY KNICKERBOCKER BROADWAY AVENUE H AVENUE H EAST 17 ST	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Queens 161-10 HOMELAWN ST 122 ST 61 ST 148 ST 178 ST Queens Subtotal Staten Island Staten Island Subtotal	and and and and	JAMAICA AVE HILLSIDE AVE LIBERTY AVE ROOSEVELT AVE JAMAICA AVE HILLSIDE AVE	1 1 1 2 1 3 9
NEW YORK CITY TOTAL			136

⁴ Only violations found during operational inspections by the DOHMH are presented. Data exclude violations found and corrected during the permitting process. NYPD currently does not have a mechanism for tracking Green Cart violations separate from other mobile food vendors.

Consumption of Fruits and Vegetables

Prior to the enactment of Local Law 9, the DOHMH reviewed precinct-specific data from the 2002 and 2004 NYC DOHMH Community Health Survey (CHS), including data on fruit and vegetable consumption, as well as information on diabetes and obesity, among adult New Yorkers. These data were used to determine which neighborhoods should become Green Cart precincts. To evaluate the Green Cart Initiative, a fruit and vegetable consumption question was included on the 2008, 2009 and 2010 CHS. The CHS fruit and vegetable question asks respondents: "How many total servings of fruit and/or vegetables did you eat yesterday? A serving would equal one medium apple, a handful of broccoli, or a cup of carrots."

The 2010 surveys were conducted between April 2010 and November 2010. In 2010, 11.6% of New Yorkers ate no fruits or vegetables on the previous day and 12.3% ate 5 or more servings. These results do not represent a statistically significant trend up or down in fruit and vegetable consumption since 2009. However, the percentage of adults who reported eating 5 or more servings of fruits and vegetables in the previous day was significantly higher in 2010 than 2008, and the percentage eating no servings was significantly lower in 2010 than 2004. While these findings cannot be directly attributed to the Green Cart program, they are positive results in the context of the agency's many nutrition-focused initiatives.

Fruit and Vegetable Consumption by Police Precinct, Community Health Survey 2010

	% with No Fruit and	% with 1-4 Servings Fruit	% with 5 or More Servings Fruit and
Precinct	Vegetable Consumption	and Vegetables	Vegetables
Bronx			
Green Cart			
40	20.6	76.0	3.4
41	22.1	74.4	3.5
42	21.3	73.8	4.9
43	14.7	78.4	6.9
44	18.2	77.1	4.7
46	14.4	77.5	8.1
47	18.0	72.6	9.4
48	14.4	77.0	8.6
49	18.9	71.1	10.0
52	20.6	72.6	6.8
(Average)	(17.8)	(75.2)	(7.0)
Non-Green Cart			
45	10.4	78.8	10.9
50	16.9	71.2	11.9
(Average)	(13.4)	(75.2)	(11.4)
Brooklyn			
Green Cart			
67	20.2	71.0	8.8

70	14.2	77.3	8.5
71	9.9	82.8	7.2
73	27.1	65.5	7.3
75	15.8	77.1	7.1
77	12.3	77.2	10.4
79	18.0	75.7	6.3
81	14.3	75.3	10.5
83	14.9	79.0	6.1
(Average)	(16.3)	(75.8)	(8.0)
Non-Green Cart			
60	9.3	76.4	14.2
61	11.1	76.8	12.0
62	12.5	73.1	14.5
63	8.4	78.0	13.6
66	10.7	79.3	10.0
68	9.2	72.3	18.6
69	17.0	74.3	8.7
72	10.5	76.3	13.2
76	9.7	77.5	12.7
78	0.4	74.6	25.1
84	6.6	79.2	14.2
88	11.3	77.4	11.3
90	13.4	79.5	7.1
94	8.1	85.4	6.5
(Average)	(10.4)	(76.7)	(12.8)
Manhattan			
Manhattan Green Cart			
Green Cart	12.6	75.6	11.7
Green Cart 23	12.6 15.6	75.6 79.8	11.7 4.7
23 25	15.6	79.8	4.7
23 25 26	15.6 9.3	79.8 78.5	4.7 12.2
23 25 26 28	15.6 9.3 6.3	79.8 78.5 87.1	4.7 12.2 6.6
23 25 26 28 30	15.6 9.3 6.3 15.1	79.8 78.5 87.1 58.6	4.7 12.2 6.6 26.3
23 25 26 28 30 32	15.6 9.3 6.3 15.1 17.7	79.8 78.5 87.1 58.6 58.3	4.7 12.2 6.6 26.3 24.1
23 25 26 28 30 32 33	15.6 9.3 6.3 15.1 17.7 10.4	79.8 78.5 87.1 58.6 58.3 82.7	4.7 12.2 6.6 26.3 24.1 6.9
23 25 26 28 30 32 33 34	15.6 9.3 6.3 15.1 17.7 10.4 16.6	79.8 78.5 87.1 58.6 58.3 82.7 79.6	4.7 12.2 6.6 26.3 24.1 6.9 3.9
23 25 26 28 30 32 33 34 (Average)	15.6 9.3 6.3 15.1 17.7 10.4	79.8 78.5 87.1 58.6 58.3 82.7	4.7 12.2 6.6 26.3 24.1 6.9
23 25 26 28 30 32 33 34	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6)	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0)	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5)
23 25 26 28 30 32 33 34 (Average) Non-Green Cart	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6)	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0)	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5)
23 25 26 28 30 32 33 34 (Average) Non-Green Cart	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6)	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0)	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5)
23 25 26 28 30 32 33 34 (Average) Non-Green Cart 1 5 6	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6)	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0)	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5)
23 25 26 28 30 32 33 34 (Average) Non-Green Cart	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6)	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0)	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5)
23 25 26 28 30 32 33 34 (Average) Non-Green Cart 1 5 6	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6) 4.4 5.9 19.0	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0)	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5)
23 25 26 28 30 32 33 34 (Average) Non-Green Cart 1 5 6 7	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6) 4.4 5.9 19.0 11.6	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0) 76.6 78.0 66.2 77.9	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5) 19.0 16.1 14.8 10.5
23 25 26 28 30 32 33 34 (Average) Non-Green Cart 1 5 6 7 9 10	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6) 4.4 5.9 19.0 11.6 15.7 9.7	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0) 76.6 78.0 66.2 77.9 74.3 70.5	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5) 19.0 16.1 14.8 10.5 10.0 19.8
23 25 26 28 30 32 33 34 (Average) Non-Green Cart 1 5 6 7 9 10 13	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6) 4.4 5.9 19.0 11.6 15.7 9.7 8.5	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0) 76.6 78.0 66.2 77.9 74.3 70.5 71.9	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5) 19.0 16.1 14.8 10.5 10.0 19.8 19.6
23 25 26 28 30 32 33 34 (Average) Non-Green Cart 1 5 6 7 9 10 13 14	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6) 4.4 5.9 19.0 11.6 15.7 9.7 8.5 4.1	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0) 76.6 78.0 66.2 77.9 74.3 70.5 71.9 76.8	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5) 19.0 16.1 14.8 10.5 10.0 19.8 19.6 19.1
23 25 26 28 30 32 33 34 (Average) Non-Green Cart 1 5 6 7 9 10 13 14 17	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6) 4.4 5.9 19.0 11.6 15.7 9.7 8.5 4.1 8.9	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0) 76.6 78.0 66.2 77.9 74.3 70.5 71.9 76.8 64.4	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5) 19.0 16.1 14.8 10.5 10.0 19.8 19.6 19.1 26.8
23 25 26 28 30 32 33 34 (Average) Non-Green Cart 1 5 6 7 9 10 13 14 17 18	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6) 4.4 5.9 19.0 11.6 15.7 9.7 8.5 4.1 8.9 3.0	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0) 76.6 78.0 66.2 77.9 74.3 70.5 71.9 76.8 64.4 63.2	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5) 19.0 16.1 14.8 10.5 10.0 19.8 19.6 19.1 26.8 33.8
23 25 26 28 30 32 33 34 (Average) Non-Green Cart 1 5 6 7 9 10 13 14 17 18 19	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6) 4.4 5.9 19.0 11.6 15.7 9.7 8.5 4.1 8.9 3.0 3.5	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0) 76.6 78.0 66.2 77.9 74.3 70.5 71.9 76.8 64.4 63.2 72.0	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5) 19.0 16.1 14.8 10.5 10.0 19.8 19.6 19.1 26.8 33.8 24.5
23 25 26 28 30 32 33 34 (Average) Non-Green Cart 1 5 6 7 9 10 13 14 17 18	15.6 9.3 6.3 15.1 17.7 10.4 16.6 (13.6) 4.4 5.9 19.0 11.6 15.7 9.7 8.5 4.1 8.9 3.0	79.8 78.5 87.1 58.6 58.3 82.7 79.6 (75.0) 76.6 78.0 66.2 77.9 74.3 70.5 71.9 76.8 64.4 63.2	4.7 12.2 6.6 26.3 24.1 6.9 3.9 (11.5) 19.0 16.1 14.8 10.5 10.0 19.8 19.6 19.1 26.8 33.8

(Average)	(8.4)	(71.8)	(19.7)
Queens			
Green Cart			
100	8.3	75.3	16.4
101	11.2	77.6	11.2
103	6.2	79.8	14.0
113	14.5	78.4	7.1
(Average)	(10.5)	(78.3)	(11.2)
Non-Green Cart			
102	5.9	84.9	9.2
104	6.7	76.2	17.1
105	9.8	78.5	11.7
106	9.9	77.5	12.5
107	4.1	80.3	15.6
108	6.9	84.2	8.9
109	7.7	81.1	11.1
110	10.9	74.2	14.9
111	7.6	77.2	15.2
112	4.1	76.5	19.4
114	16.9	67.5	15.6
115	6.0	84.9	9.1
(Average)	(8.4)	(78.3)	(13.3)
Staten Island			
Green Cart			
120	8.6	83.2	8.2
(Average)	(8.6)	(83.2)	(8.2)
Non-Green Cart			
122	7.4	73.9	18.6
123	12.2	76.2	11.7
(Average)	(8.9)	(74.7)	(16.4)
Citywide			
Green Cart	18.1	74.4	7.5
Non-Green Cart	9.5	77.4	13.2