

ATTACHMENT II
DSNY-MANAGED WASTE QUANTITIES
AND
PROJECTIONS FOR PLAN PERIOD

**DSNY-MANAGED WASTE QUANTITIES AND PROJECTIONS
FOR PLAN PERIOD**

1.0 DSNY-MANAGED WASTE GENERATION, DIVERSION AND DISPOSAL

DSNY-managed Waste is putrescible and non-putrescible waste that DSNY collects, recycles or disposes of from all residences in the City, not-for-profit institutions, other City, state and federal agencies, as well as waste from special DSNY operations such as lot cleaning, street cleaning and other operations. This Attachment presents historical data for Fiscal Years 2002 through 2004 and projections for the 20-year period of the Draft New SWMP, 2005 through 2024, of waste generated, recycled and disposed (exported). Since March 2001 all waste disposed has been exported from the City, as indicated in the tables that follow.

Tables II 1-1, II 1-2 and II 1-3 present the reported quantities of DSNY-managed Waste and summarize the total waste generated and exported or diverted to recycling for the City during FY 2002, FY 2003 and FY 2004. On these tables, DSNY-managed Waste for Export is broken down into two main components: (1) DSNY curbside and containerized collections; and (2) “other” DSNY-managed Waste. This latter category of waste includes bulk waste collection, lot cleaning, street dirt and other miscellaneous categories of waste managed by DSNY. Also, Recycling, Composting and Reuse is broken down into two main components: (1) the waste diverted to recycling through the Curbside Recycling Program; and (2) “other” recycled wastes. This latter category of recycled wastes includes the recycling of derelict vehicles, auto tires, lot cleaning bulk metal, Department of Transportation (DOT) asphalt and millings, and the reuse of lot cleaning dirt, interagency clean fill and interagency road material. Exhibit 1, “Waste Generation Category Definitions,” lists the definitions of each of the categories that appear in the Waste Generation tables below.

Table II 1-1

FY 2002 Actual Tonnage Generation	Total	
	Tonnage	TPD
DSNY-managed Waste for Export		
DSNY Curbside/Containerized Refuse Collection		
DSNY Containerized Collection	346,622	1,148
DSNY Curbside Collection	2,727,679	9,032
Total DSNY Curbside/Containerized Refuse Collection	3,074,301	10,180
Other DSNY-managed Waste		
Bulk	6,928	23
Lot Cleaning	29,412	97
Miscellaneous	9,097	30
Street Dirt	75,677	251
Other City Departments/Paid	125,812	417
Household Waste	37,998	126
Total "Other DSNY-managed Waste"	284,924	943
Total DSNY-managed Waste for Export	3,359,225	11,123
Recycling, Composting and Reuse		
DSNY-managed Curbside/Containerized Recycling		
Paper and MGP Recycling		
Paper	406,765	1,347
Metal, Glass and Plastic	330,286	1,094
Total Paper and MGP Recycling	737,051	2,441
Other Agency Recycling		
City Agency Recycling	811	3
Self-help metal recycling	6,685	22
Housing Authority bulk metal recycling	0	0
Food composting (Rikers)	6,167	20
Christmas tree composting	1,472	5
Yard and leaf composting	18,819	62
Materials for the Arts (reuse)	551	2
Total "Other Agency Recycling"	34,505	114
Total DSNY-managed Curbside/Containerized Recycling	771,555	2,555

Table II 1-1 (continued)

FY 2002 Actual Tonnage Generation	Total	
	Tonnage	TPD
Other Recycled Wastes		
Derelict vehicle recycling	13,941	46
Auto tire recycling	4,238	14
Lot cleaning bulk metal recycling and dirt reuse	3,757	12
DOT asphalt recycling	178,745	592
DOT millings recycling	90,974	301
Interagency clean fill reuse	327,899	1,086
Interagency road material reuse	238,090	788
Total "Other Recycled Wastes"	857,644	2,840
Total Recycling, Composting and Reuse	1,629,199	5,395
Grand Totals and Diversion Rates		
A. Total DSNY-managed Curbside/Containerized Recycling	771,555	2,555
B. Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling¹	3,845,856	12,735
Curbside/Containerized Diversion²	20.1%	
C. Total Recycling, Composting and Reuse	1,629,199	5,395
D. Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation³	4,988,424	16,518
Total DSNY-managed Diversion⁴	32.7%	

Notes:

- (1) "Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling" is the sum of "Total DSNY Curbside/Containerized Refuse Collection" and "Total DSNY-managed Curbside/Containerized Recycling"
- (2) Curbside/Containerized Diversion is calculated as "Total DSNY-managed Curbside/Containerized Recycling" divided by "Total DSNY-managed Curbside/Containerized Refuse Collection and Recycling", (line A ÷ line B).
- (3) "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" is the sum of "Total DSNY-managed Waste for Export" and "Total Recycling, Composting and Reuse"
- (4) "Total DSNY-managed Diversion" is calculated as "Total Recycling, Composting and Reuse" divided by "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation", (line C ÷ line D)

Table II.1-2

FY 2003 Actual Tonnage Generation	Total	
	Tonnage	TPD
DSNY-managed Waste for Export		
DSNY Curbside/Containerized Refuse Collection		
DSNY Containerized Collection	373,067	1,235
DSNY Curbside Collection	3,169,060	10,494
Total DSNY Curbside/Containerized Refuse Collection	3,542,127	11,729
Other DSNY-managed Waste		
Bulk	7,535	25
Lot Cleaning	3,824	13
Miscellaneous	19,453	64
Street Dirt	62,296	206
Other City Departments/Paid	125,355	415
Household Waste	38,610	128
Total "Other DSNY-managed Waste"	257,073	851
Total DSNY-managed Waste for Export	3,799,200	12,580
Recycling, Composting and Reuse		
DSNY-managed Curbside/Containerized Recycling		
Paper and MGP Recycling		
Paper	363,285	1,203
Metal, Glass and Plastic	82,930	275
Total Paper and MGP Recycling	446,215	1,478
Other Agency Recycling		
City Agency Recycling	0	0
Self-help metal recycling	4,984	17
Housing Authority bulk metal recycling	542	2
Food composting (Rikers)	5,650	19
Christmas tree composting	0	0
Yard and leaf composting	0	0
Materials for the Arts (reuse)	528	2
Total "Other Agency Recycling"	11,704	39
Total DSNY-managed Curbside/Containerized Recycling	457,918	1,516

Table II.1-2 (continued)

FY 2003 Actual Tonnage Generation	Total	
	Tonnage	TPD
Other Recycled Wastes		
Derelict vehicle recycling	13,858	46
Auto tire recycling	2,733	9
Lot cleaning bulk metal recycling and dirt reuse	3,442	11
DOT asphalt recycling	146,827	486
DOT millings recycling	70,715	234
Interagency clean fill reuse	401,617	1,330
Interagency road material reuse	311,561	1,032
Total "Other Recycled Wastes"	950,752	3,148
Total Recycling, Composting and Reuse	1,408,671	4,664
Grand Totals and Diversion Rates		
A. Total DSNY-managed Curbside/Containerized Recycling	457,918	1,516
B. Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling¹	4,000,045	13,245
Curbside/Containerized Diversion²	11.4%	
C. Total Recycling, Composting and Reuse	1,408,671	4,664
D. Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation³	5,207,871	17,245
Total DSNY-managed Diversion⁴	27.0%	

Notes:

- (1) "Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling" is the sum of "Total DSNY Curbside/Containerized Refuse Collection" and "Total DSNY-managed Curbside/Containerized Recycling"
- (2) Curbside/Containerized Diversion is calculated as "Total DSNY-managed Curbside/Containerized Recycling" divided by "Total DSNY-managed Curbside/Containerized Refuse Collection and Recycling" (line A ÷ line B)
- (3) "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" is the sum of "Total DSNY-managed Waste for Export" and "Total Recycling, Composting and Reuse"
- (4) "Total DSNY-managed Diversion" is calculated as "Total Recycling, Composting and Reuse" divided by "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" (line C ÷ line D)

Table II 1-3

FY 2004 Actual Tonnage Generation	Total	
	Tonnage	TPD
DSNY-managed Waste for Export		
DSNY Curbside/Containerized Refuse Collection		
DSNY Containerized Collection	387,662	1,284
DSNY Curbside Collection	3,152,318	10,438
Total DSNY Curbside/Containerized Refuse Collection	3,539,979	11,722
Other DSNY-managed Waste		
Bulk	7,786	26
Lot Cleaning	5,090	17
Miscellaneous	39,878	132
Street Dirt	56,670	188
Other City Departments/Paid	122,009	404
Household Waste	220	1
Total "Other DSNY-managed Waste"	231,653	767
Total DSNY-managed Waste for Export	3,771,632	12,489
Recycling, Composting and Reuse		
DSNY-managed Curbside/Containerized Recycling		
Paper and MGP Recycling		
Paper	381,111	1,262
Metal, Glass and Plastic	160,462	531
Total Paper and MGP Recycling	541,572	1,793
Other Agency Recycling		
City Agency Recycling	0	0
Self-help metal recycling	3,169	10
Housing Authority bulk metal recycling	2,080	7
Food composting (Rikers)	5,600	19
Christmas tree composting	1,024	3
Yard and leaf composting	0	0
Materials for the Arts (reuse)	567	2
Total "Other Agency Recycling"	12,441	41
Total DSNY-managed Curbside/Containerized Recycling	554,013	1,834

Table II 1-3 (continued)

FY 2004 Actual Tonnage Generation	Total	
	Tonnage	TPD
Other Recycled Wastes		
Derelict vehicle recycling	12,836	43
Auto tire recycling	3,362	11
Lot cleaning bulk metal recycling and dirt reuse	2,012	7
DOT asphalt recycling	150,803	499
DOT millings recycling	114,319	379
Interagency clean fill reuse	444,717	1,473
Interagency road material reuse	213,652	707
Total "Other Recycled Wastes"	941,702	3,118
Total Recycling, Composting and Reuse	1,495,715	4,953
Grand Totals and Diversion Rates		
A. Total DSNY-managed Curbside/Containerized Recycling	554,013	1,834
B. Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling¹	4,093,992	13,556
Curbside/Containerized Diversion²	13.5%	
C. Total Recycling, Composting and Reuse	1,495,715	4,953
D. Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation³	5,267,347	17,442
Total DSNY-managed Diversion⁴	28.4%	

Notes:

- (1) "Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling" is the sum of "Total DSNY Curbside/Containerized Refuse Collection" and "Total DSNY-managed Curbside/Containerized Recycling"
- (2) Curbside/Containerized Diversion is calculated as "Total DSNY-managed Curbside/Containerized Recycling" divided by "Total DSNY-managed Curbside/Containerized Refuse Collection and Recycling" (line A ÷ line B)
- (3) "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" is the sum of "Total DSNY-managed Waste for Export" and "Total Recycling, Composting and Reuse"
- (4) "Total DSNY-managed Diversion" is calculated as "Total Recycling, Composting and Reuse" divided by "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" (line C ÷ line D)

2.0 WASTE PROJECTIONS

The projections of waste generation over the period of the New SWMP (2005 through 2024) use reported quantities for Fiscal Year 2004 as a baseline. The Curbside/Containerized Refuse Collection and Curbside/Containerized Recycling portion of the waste stream was assumed to increase at the rate of population increase. The projections use adjusted New York Metropolitan Transportation Council (NYMTC) population forecasts. The NYMTC Population projections for Fiscal Years 2004 through 2024 are shown in Table II 2-1.

NYMTC long-term population forecasts are relied upon for planning purposes by most City Agencies; there is no other source of population data for a 20-year forecast period. Since NYMTC data is provided in Calendar Years, straight line interpolation between values for successive years was used to estimate the population in the Fiscal Year period of July 1 through June 30.

Forecasts of future waste generation were developed by increasing the FY 2004 Curbside/Containerized Refuse Collection and Curbside/Containerized Recycling tonnage by the NYMTC-predicted increase in population in five year intervals through FY 2024. Tables II 2-2 through II 2-6 show the projections in five year intervals for DSNY-managed Waste quantities and Recyclables for FY 2005, 2010, 2015, 2020 and 2024.

Compared to DSNY Curbside and Containerized Waste and Recyclables, the generation of “other” materials such as street dirt, other City departments and lot cleaning operations, while variable, is not assumed to vary directly with population growth. In the absence of data that is known to correlate directly with changes in the waste generated in these categories, they were held constant over the period of the forecast.

As shown in Tables II 1-2 and II 1-3 above, there are no reported tonnages in the category of “City Agency Recycling” for FY 2003 and 2004. This is the result of the “White Office Paper Program” being discontinued in FY 2003. Since this program was discontinued, this category of material was assumed to continue to have no tonnage in the future, so that category was eliminated in the projections shown on Tables II 2-2 through II 2-6.

In addition to the forecasting methodology described above, additional assumptions were applied to the recycling quantities to account for expansions of existing recycling programs and implementation of new programs, as well as for achieving the diversion goals discussed in Attachment VII. For FY 2005, the following additional assumptions were applied:

- The allocation of paper in the Total Paper and MGP Recycling category assumes that designated paper comprises 21.5% of the Total DSNY Curbside/Containerized Refuse Collection, as determined by the Preliminary Waste Characterization Study (conducted in May and June 2004). The capture rate for designated paper was assumed to be 50%, taking into account the actual FY 2004 capture rate of approximately 43%, and the FY 2007 capture rate goal of 70%.
- The allocation of MGP in the Total Paper and MGP Recycling category assumes that designated MGP comprises 12.2% of the Total DSNY Curbside/Containerized Refuse Collection, as determined by the Preliminary Waste Characterization Study.” The capture rate for MGP material was assumed to be 70%. This assumption is based on the fact that, in FY 2002 (prior to the suspension of plastic and glass recycling), City residents and institutions serviced by DSNY were already achieving the equivalent of a 70% capture rate for MGP.

For FY 2010 through 2024, the following additional assumptions were applied:

- Paper and MGP were each projected to have capture rates of 70%. Capture rates could potentially increase beyond this (especially for MGP); however, a 70% capture rate is an ambitious, yet reasonable, assumption. (See Attachment VII for more information on the rationale for a 70% capture rate goal.)
- Tonnages in certain categories listed as “Other Agency Recycling” were projected to increase from FY 2005 levels and then remain constant through FY 2024. These include: self-help bulk metal, Rikers Island food-waste composting, Christmas tree composting, yard and leaf composting, and Materials for the Arts (reuse program). This assumption is based on the fact that while these programs have room to grow in the short term, their diversion potential will, at some point, be reached
- Tonnages in the category of “New programs” listed under “Other Agency Recycling” were projected to increase over the period of FY 2010 through FY 2024. These new programs may include designating additional materials to the Recycling Program, such as #3-#7 plastics, or piloting new technologies to target organic wastes.
- The category of “Housing Authority bulk metal”, listed under “Other Agency Recycling”, was projected to decrease from FY 2005 levels and remain constant through FY 2024.

Based on the forecasts mentioned above, two diversion rates were calculated: the “Curbside/Containerized Diversion” and the “Total DSNY-managed Diversion.” The calculations for these diversion rates are:

Curbside/Containerized Diversion:

“Total DSNY-managed Curbside/Containerized Recycling” divided by
“Total DSNY-managed Curbside/Containerized Refuse Collection and
Recycling”

Total DSNY-managed Diversion:

“Total Recycling, Composting and Reuse” divided by
“Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse)
Generation”

As shown by the projections in Tables II 2-2 through II 2-6 over the period of the forecast, the total diversion rate of Curbside/Containerized waste and of total DSNY-managed Waste is anticipated to increase over time. These diversion rates are consistent with diversion goals discussed in Attachment VII: Rationale for Amending Local Law 19, which establishes a 25% diversion goal for the Curbside waste stream, and a 35% diversion goal for the DSNY-managed Waste stream, both to be achieved by the year 2007.

Table II 2-1

FY 2004 through FY 2024 Projected Population												
	Manhattan		Bronx		Brooklyn		Queens		Staten Island		Total	
Year	Population	% Change from FY 2004	Population	% Change from FY 2004	Population	% Change from FY 2004	Population	% Change from FY 2004	Population	% Change from FY 2004	Population	% Change from FY 2004
FY 2004	1,545,539	-	1,340,743	-	2,468,359	-	2,241,101	-	452,401	-	8,048,143	-
FY 2005	1,551,822	0.41%	1,343,123	0.18%	2,471,186	0.11%	2,244,241	0.14%	453,304	0.20%	8,063,676	0.19%
FY 2010	1,579,021	2.17%	1,355,043	1.07%	2,484,731	0.66%	2,254,995	0.62%	463,751	2.51%	8,137,541	1.11%
FY 2015	1,595,415	3.23%	1,366,911	1.95%	2,499,508	1.26%	2,278,416	1.67%	476,449	5.32%	8,216,699	2.09%
FY 2020	1,616,908	4.62%	1,378,808	2.84%	2,513,782	1.84%	2,309,368	3.05%	497,399	9.95%	8,316,265	3.33%
FY 2024	1,640,307	6.13%	1,388,353	3.55%	2,525,192	2.30%	2,339,328	4.38%	517,239	14.33%	8,410,419	4.50%

Table II 2-2

FY 2005 Projected Tonnage Generation Generated Tonnage	Total	
	Tonnage	TPD
DSNY-managed Waste for Export		
DSNY Curbside/Containerized Refuse Collection		
DSNY Containerized Collection	373,400	1,236
DSNY Curbside Collection	2,938,408	9,730
Total DSNY Curbside/Containerized Refuse Collection	3,311,809	10,966
Other DSNY-managed Waste		
Bulk	7,786	26
Lot Cleaning	5,090	17
Miscellaneous	39,878	132
Street Dirt	56,670	188
Other City Departments/Paid	122,009	404
Household Waste	220	1
Total "Other DSNY-managed Waste"	231,653	767
Total DSNY-managed Waste for Export	3,543,461	11,733
Recycling, Composting and Reuse		
DSNY-managed Curbside/Containerized Recycling		
Paper and MGP Recycling		
Paper	440,336	1,458
Metal, Glass and Plastic	349,725	1,158
Total Paper and MGP Recycling	790,061	2,616
Other Agency Recycling		
Self-help metal recycling	3,169	10
Housing Authority bulk metal recycling	2,080	7
Food composting (Rikers)	5,600	19
Christmas tree composting	1,024	3
Yard and leaf composting	0	0
Materials for the Arts (reuse)	567	2
Total "Other Agency Recycling"	12,441	41
Total DSNY-managed Curbside/Containerized Recycling	802,502	2,657

Table II 2-2 (continued)

FY 2005 Projected Tonnage Generation Generated Tonnage	Total	
	Tonnage	TPD
Other Recycled Wastes		
Derelict vehicle recycling	12,836	43
Auto tire recycling	3,362	11
Lot cleaning bulk metal recycling and dirt reuse	2,012	7
DOT asphalt recycling	150,803	499
DOT millings recycling	114,319	379
Interagency clean fill reuse	444,717	1,473
Interagency road material reuse	213,652	707
Total "Other Recycled Wastes"	941,702	3,118
Total Recycling, Composting and Reuse	1,744,204	5,776
Grand Totals and Diversion Rates		
A. Total DSNY-managed Curbside/Containerized Recycling	802,502	2,657
B. Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling¹	4,101,870	13,582
Curbside/Containerized Diversion²	19.6%	
C. Total Recycling, Composting and Reuse	1,744,204	5,776
D. Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation³	5,287,665	17,509
Total DSNY-managed Diversion⁴	33.0%	

Notes:

- (1) "Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling" is the sum of "Total DSNY Curbside/Containerized Refuse Collection" and "Total DSNY-managed Curbside/Containerized Recycling"
- (2) Curbside/Containerized Diversion is calculated as "Total DSNY-managed Curbside/Containerized Recycling" divided by "Total DSNY-managed Curbside/Containerized Refuse Collection and Recycling" (line A ÷ line B)
- (3) "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" is the sum of "Total DSNY-managed Waste for Export" and "Total Recycling, Composting and Reuse"
- (4) "Total DSNY-managed Diversion" is calculated as "Total Recycling, Composting and Reuse" divided by "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation", (line C ÷ line D).

Table II 2-3

FY 2010 Projected Generated Tonnage	Total	
	Tonnage	TPD
DSNY-managed Waste for Export		
DSNY Curbside/Containerized Refuse Collection		
DSNY Containerized Collection	332,923	1,102
DSNY Curbside Collection	2,707,207	8,964
Total DSNY Curbside/Containerized Refuse Collection	3,040,131	10,067
Other DSNY-managed Waste		
Bulk	7,786	26
Lot Cleaning	5,090	17
Miscellaneous	39,878	132
Street Dirt	56,670	188
Other City Departments/Paid	122,009	404
Household Waste	220	1
Total "Other DSNY-managed Waste"	231,653	767
Total DSNY-managed Waste for Export	3,271,784	10,834
Recycling, Composting and Reuse		
DSNY-managed Curbside/Containerized Recycling		
Paper and MGP Recycling		
Paper	622,100	2,060
Metal, Glass and Plastic	352,919	1,169
Total Paper and MGP Recycling	975,019	3,229
Other Agency Recycling		
Self-help metal recycling	5,000	17
Housing Authority bulk metal recycling	500	2
Food composting (Rikers)	7,000	23
Christmas tree composting	2,500	8
Yard and leaf composting	50,000	166
Materials for the Arts (reuse)	1,000	3
New programs ¹	58,180	193
Total "Other Agency Recycling"	124,180	411
Total DSNY-managed Curbside/Containerized Recycling	1,099,199	3,640

Table II 2-3 (continued)

FY 2010 Projected Generated Tonnage	Total	
	Tonnage	TPD
Other Recycled Wastes		
Derelict vehicle recycling	12,836	43
Auto tire recycling	3,362	11
Lot cleaning bulk metal recycling and dirt reuse	2,012	7
DOT asphalt recycling	150,803	499
DOT millings recycling	114,319	379
Interagency clean fill reuse	444,717	1,473
Interagency road material reuse	213,652	707
Total "Other Recycled Wastes"	941,702	3,118
Total Recycling, Composting and Reuse	2,040,901	6,758
Grand Totals and Diversion Rates		
A. Total DSNY-managed Curbside/Containerized Recycling	1,099,199	3,640
B. Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling²	4,139,330	13,706
Curbside/Containerized Diversion³	26.6%	
C. Total Recycling, Composting and Reuse	2,040,901	6,758
D. Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation⁴	5,312,684	17,592
Total DSNY-managed Diversion⁵	38.4%	

Notes:

- (1) New programs may include those targeting waste prevention, other plastics recycling, or other streams.
- (2) "Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling" is the sum of "Total DSNY Curbside/Containerized Refuse Collection" and "Total DSNY-managed Curbside/Containerized Recycling"
- (3) Curbside/Containerized Diversion is calculated as "Total DSNY-managed Curbside/Containerized Recycling" divided by "Total DSNY-managed Curbside/Containerized Refuse Collection and Recycling" (line A ÷ line B)
- (4) "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" is the sum of "Total DSNY-managed Waste for Export" and "Total Recycling, Composting and Reuse"
- (5) "Total DSNY-managed Diversion" is calculated as "Total Recycling, Composting and Reuse" divided by "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" (line C ÷ line D)

Table II 2-4

FY 2015 Projected Generated Tonnage	Total	
	Tonnage	TPD
DSNY-managed Waste for Export		
DSNY Curbside/Containerized Refuse Collection		
DSNY Containerized Collection	326,998	1,083
DSNY Curbside Collection	2,659,027	8,805
Total DSNY Curbside/Containerized Refuse Collection	2,986,025	9,888
Other DSNY-managed Waste		
Bulk	7,786	26
Lot Cleaning	5,090	17
Miscellaneous	39,878	132
Street Dirt	56,670	188
Other City Departments/Paid	122,009	404
Household Waste	220	1
Total "Other DSNY-managed Waste"	231,653	767
Total DSNY-managed Waste for Export	3,217,678	10,655
Recycling, Composting and Reuse		
DSNY-managed Curbside/Containerized Recycling		
Paper and MGP Recycling		
Paper	628,133	2,080
Metal, Glass and Plastic	356,342	1,180
Total Paper and MGP Recycling	984,475	3,260
Other Agency Recycling		
Self-help metal recycling	5,000	17
Housing Authority bulk metal recycling	500	2
Food composting (Rikers)	7,000	23
Christmas tree composting	2,500	8
Yard and leaf composting	50,000	166
Materials for the Arts (reuse)	1,000	3
New programs ¹	142,974	473
Total "Other Agency Recycling"	208,974	692
Total DSNY-managed Curbside/Containerized Recycling	1,193,449	3,952

Table II 2-4 (continued)

FY 2015 Projected Generated Tonnage	Total	
	Tonnage	TPD
Other Recycled Wastes		
Derelict vehicle recycling	12,836	43
Auto tire recycling	3,362	11
Lot cleaning bulk metal recycling and dirt reuse	2,012	7
DOT asphalt recycling	150,803	499
DOT millings recycling	114,319	379
Interagency clean fill reuse	444,717	1,473
Interagency road material reuse	213,652	707
Total "Other Recycled Wastes" ¹	941,702	3,118
Total Recycling, Composting and Reuse	2,135,151	7,070
Grand Totals and Diversion Rates		
A. Total DSNY-managed Curbside/Containerized Recycling	1,193,449	3,952
B. Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling ²	4,179,474	13,839
Curbside/Containerized Diversion ³	28.6%	
C. Total Recycling, Composting and Reuse	2,135,151	7,070
D. Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation ⁴	5,352,829	17,725
Total DSNY-managed Diversion ⁵	39.9%	

Notes:

- (1) New programs may include those targeting waste prevention, other plastics recycling, or other streams.
- (2) "Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling" is the sum of "Total DSNY Curbside/Containerized Refuse Collection" and "Total DSNY-managed Curbside/Containerized Recycling"
- (3) Curbside/Containerized Diversion is calculated as "Total DSNY-managed Curbside/Containerized Recycling" divided by "Total DSNY-managed Curbside/Containerized Refuse Collection and Recycling" (line A ÷ line B)
- (4) "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" is the sum of "Total DSNY-managed Waste for Export" and "Total Recycling, Composting and Reuse"
- (5) "Total DSNY-managed Diversion" is calculated as "Total Recycling, Composting and Reuse" divided by "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" (line C ÷ line D)

Table II 2-5

FY 2020 Projected Generated Tonnage	Total	
	Tonnage	TPD
DSNY-managed Waste for Export		
DSNY Curbside/Containerized Refuse Collection		
DSNY Containerized Collection	321,684	1,065
DSNY Curbside Collection	2,615,817	8,662
Total DSNY Curbside/Containerized Refuse Collection	2,937,501	9,727
Other DSNY-managed Waste		
Bulk	7,786	26
Lot Cleaning	5,090	17
Miscellaneous	39,878	132
Street Dirt	56,670	188
Other City Departments/Paid	122,009	404
Household Waste	220	1
Total "Other DSNY-managed Waste"“”	231,653	767
Total DSNY-managed Waste for Export	3,169,154	10,494
Recycling, Composting and Reuse		
DSNY-managed Curbside/Containerized Recycling		
Paper and MGP Recycling		
Paper	635,722	2,105
Metal, Glass and Plastic	360,647	1,194
Total Paper and MGP Recycling	996,369	3,299
Other Agency Recycling		
Self-help metal recycling	5,000	17
Housing Authority bulk metal recycling	500	2
Food composting (Rikers)	7,000	23
Christmas tree composting	2,500	8
Yard and leaf composting	50,000	166
Materials for the Arts (reuse)	1,000	3
New programs ¹	230,098	762
Total "Other Agency Recycling"“”	296,098	980
Total DSNY-managed Curbside/Containerized Recycling	1,292,467	4,280

Table II 2-5 (continued)

FY 2020 Projected Generated Tonnage	Total	
	Tonnage	TPD
Other Recycled Wastes		
Derelict vehicle recycling	12,836	43
Auto tire recycling	3,362	11
Lot cleaning bulk metal recycling and dirt reuse	2,012	7
DOT asphalt recycling	150,803	499
DOT millings recycling	114,319	379
Interagency clean fill reuse	444,717	1,473
Interagency road material reuse	213,652	707
Total "Other Recycled Wastes"	941,702	3,118
Total Recycling, Composting and Reuse	2,234,169	7,398
Grand Totals and Diversion Rates		
A. Total DSNY-managed Curbside/Containerized Recycling	1,292,467	4,280
B. Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling²	4,229,968	14,007
Curbside/Containerized Diversion³	30.6%	
C. Total Recycling, Composting and Reuse	2,234,169	7,398
D. Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation⁴	5,403,323	17,892
Total DSNY-managed Diversion⁵	41.3%	

Notes:

- (1) New programs may include those targeting waste prevention, other plastics recycling, or other streams.
- (2) "Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling" is the sum of "Total DSNY Curbside/Containerized Refuse Collection" and "Total DSNY-managed Curbside/Containerized Recycling"
- (3) Curbside/Containerized Diversion is calculated as "Total DSNY-managed Curbside/Containerized Recycling" divided by "Total DSNY-managed Curbside/Containerized Refuse Collection and Recycling" (line A ÷ line B)
- (4) "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" is the sum of "Total DSNY-managed Waste for Export" and "Total Recycling, Composting and Reuse"
- (5) "Total DSNY-managed Diversion" is calculated as "Total Recycling, Composting and Reuse" divided by "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" (line C ÷ line D)

Table II 2-6

FY 2024 Projected Generated Tonnage	Total	
	Tonnage	TPD
DSNY-managed Waste for Export		
DSNY Curbside/Containerized Refuse Collection		
DSNY Containerized Collection	311,262	1,031
DSNY Curbside Collection	2,531,067	8,381
Total DSNY Curbside/Containerized Refuse Collection	2,842,329	9,412
Other DSNY-managed Waste		
Bulk	7,786	26
Lot Cleaning	5,090	17
Miscellaneous	39,878	132
Street Dirt	56,670	188
Other City Departments/Paid	122,009	404
Household Waste	220	1
Total "Other DSNY-managed Waste"	231,653	767
Total DSNY-managed Waste for Export	3,073,982	10,179
Recycling, Composting and Reuse		
DSNY-managed Curbside/Containerized Recycling		
Paper and MGP Recycling		
Paper	642,898	2,129
Metal, Glass and Plastic	364,718	1,208
Total Paper and MGP Recycling	1,007,616	3,336
Other Agency Recycling		
Self-help metal recycling	5,000	17
Housing Authority bulk metal recycling	500	2
Food composting (Rikers)	7,000	23
Christmas tree composting	2,500	8
Yard and leaf composting	50,000	166
Materials for the Arts (reuse)	1,000	3
New programs ¹	361,772	1,198
Total "Other Agency Recycling"	427,772	1,416
Total DSNY-managed Curbside/Containerized Recycling	1,435,388	4,753

Table II 2-6 (continued)

FY 2024 Projected Generated Tonnage	Total	
	Tonnage	TPD
Other Recycled Wastes		
Derelict vehicle recycling	12,836	43
Auto tire recycling	3,362	11
Lot cleaning bulk metal recycling and dirt reuse	2,012	7
DOT asphalt recycling	150,803	499
DOT millings recycling	114,319	379
Interagency clean fill reuse	444,717	1,473
Interagency road material reuse	213,652	707
Total "Other Recycled Wastes"	941,702	3,118
Total Recycling, Composting and Reuse	2,377,090	7,871
Grand Totals and Diversion Rates		
A. Total DSNY-managed Curbside/Containerized Recycling	1,435,388	4,753
B. Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling²	4,277,718	14,165
Curbside/Containerized Diversion³	33.6%	
C. Total Recycling, Composting and Reuse	2,377,090	7,871
D. Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation⁴	5,451,072	18,050
Total DSNY-managed Diversion⁵	43.6%	

Notes:

- (1) New programs may include those targeting waste prevention, other plastics recycling, or other streams.
- (2) "Total DSNY-managed Curbside/Containerized Refuse Collection & Recycling" is the sum of "Total DSNY Curbside/Containerized Refuse Collection" and "Total DSNY-managed Curbside/Containerized Recycling"
- (3) Curbside/Containerized Diversion is calculated as "Total DSNY-managed Curbside/Containerized Recycling" divided by "Total DSNY-managed Curbside/Containerized Refuse Collection and Recycling" (line A ÷ line B).
- (4) "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" is the sum of "Total DSNY-managed Waste for Export" and "Total Recycling, Composting and Reuse"
- (5) "Total DSNY-managed Diversion" is calculated as "Total Recycling, Composting and Reuse" divided by "Total (DSNY-managed Waste for Export, Recycling, Compost and Reuse) Generation" (line C ÷ line D).

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