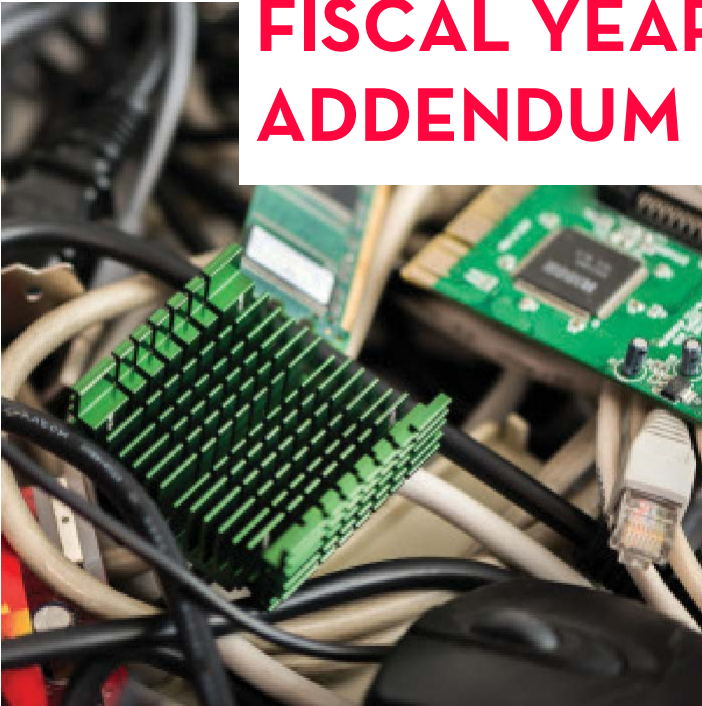




**SOLID WASTE DIVERSION
PROGRESS REPORT:
FISCAL YEAR 16 DATA
ADDENDUM**



RESIDENTIAL, GOVERNMENT OPERATIONS, AND TRANSFER STATION WASTE DIVERSION

The District's Fiscal Year [2015 & 2016 Solid Waste Diversion Progress Report](#) featured solid waste data for fiscal year 2015, and an overview of the District's recent waste diversion successes. The following addendum has been produced to provide the solid waste data for fiscal year 2016 in fulfillment of the Sustainable Solid Waste Management Amendment Act of 2014's annual reporting requirements. Please refer to the Fiscal Year 2015 & 2016 Solid Waste Diversion Progress Report's appendix for clarification regarding data sources, calculation methodologies, and definitions.

The Residential Diversion Rate has been introduced as part of DPW's Performance Plan and Key Performance Indicators for FY 2017. The Residential Diversion Rate includes waste from DPW curbside collections, DPW leaf and holiday tree collections, and residential drop-off at the Ft. Totten Transfer Station.

The Citywide Residential Diversion Rate is based on the Residential Diversion Rate but also includes data for waste diversion programs for residents that are

Residential Diversion Rates		
Reporting Year	FY 2015	FY 2016
Residential Diversion Rate	20.93%	22.91%
Citywide Residential Diversion Rate	20.96%	22.98%

Table 1: Residential Diversion Rates¹

managed by sister agencies (e.g., the Department of Parks and Recreation's community composting program).

Meaningful progress has been made between the last two fiscal years in terms of increasing diversion within the residential streams (Table 1).

Table 2 details the fiscal year 2015 and 2016 residential waste stream tonnage by material type. Of the materials listed below, electronic waste, scrap metal, shredded

Material Stream	FY 15 Tons	FY 16 Tons	Residential Diversion Rate	Citywide Residential Diversion Rate
Electronic Waste	140.71	159.60	√	√
Household Hazardous Waste	24.17	29.40	√	√
Scrap Metal	151.61	212.65	√	√
Shredded Paper	162.20	125.79	√	√
Organics	6,998.99	7,389.42	√	√
Community Composting	60.00	135.00		√
Single Stream Recyclables	23,101.83	24,916.24	√	√
Toters Recycled	22.37	0.00	√	√
Refuse/Waste	115,526.72	110,374.66	√	√
Total	146,188.60	143,342.76		

Table 2: FY 15 & FY 16 Citywide Residential Waste Stream²

paper, organics, single stream recyclables, and totes (trash and recycling cans) recycled are either recycled or composted. For both years, DPW provided curbside collection services for approximately 105,000 households with three or fewer units.

Citywide Residential Diversion Rate: **22.98%**

Source	Tons	Percent of Total
Public (Citywide DPW)	157,494.58	32.82%
Private	322,436.19	67.18%
Total Throughput	479,930.77	

Table 3: FY 16 Tons of Material Received at District-Owned Transfer Stations

Table 3 details the total waste stream (refuse, recyclables, and compostables) processed through District-owned transfer stations. Materials dropped off by residents are considered public sources. While some commercial collectors deliver waste collected in the District to District-owned transfer stations, the amount of waste collected in the District by commercial collectors and delivered to other facilities for processing or disposal is currently unknown.

Figure 1 details the fiscal year 2016 tonnages and types of disposal facilities to which waste, recyclables, and compostables were sent from District-owned transfer stations.

Table 4 details the government operations waste stream, including DCPS properties. Organics includes the food waste diverted as part of the DCPS cafeteria food waste collection and composting program demonstrates that all schools – including high schools - can start effective recycling programs.

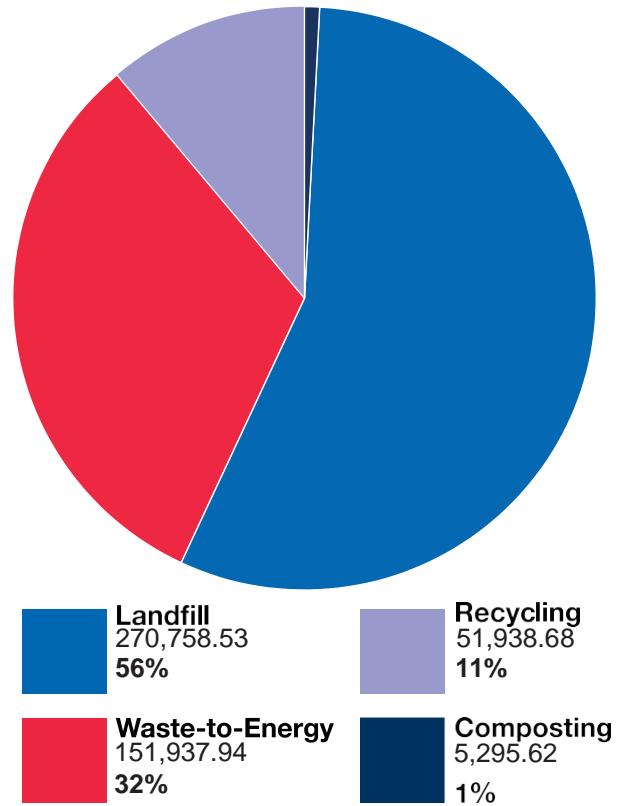


Figure 1: FY 16 Tonnage & Fate of Materials Exported from District-Owned Transfer Stations

DC Government Building Total Tons - Estimate		
Material Stream	FY 15 Tons	FY 16 Tons
Recycling	2,568.00	3,172.84
Organics	248.74	348.98
Trash	13,700.00	18,549.21
Total	16,516.74	22,071.03
District Government Operations Diversion Rate	17.05%	15.96%

Table 4: DC Government Building Total Tons - Estimate

Table 5 provides the names, locations and tonnage of solid waste delivered to recycling, composting, landfill, waste-to-energy (WTE), and other waste processing or disposal facilities this information for waste processed through District-owned transfer stations and community gardens, or generated by government operation.

Formal Name	Facility Type	Tons	Address
King George Landfill	Landfill	40,725.85	10376 Bullock Drive, King George, VA 22485
Middle Peninsula Landfill	Landfill	84,501.67	3714 Waste Management Way, Glenns, VA 23149
King & Queen Landfill	Landfill	82,095.53	4443 Iris Road, Little Plymouth, VA 23091
I-95 Landfill Complex & Energy/ Resource Recovery Facility	Incineration	151,908.54	9850 Furnace Road, Lorton, Virginia 22079
Joseph Smith & Sons, Inc.	Recycling	212.65	2001 Kenilworth Ave, Capitol Heights, MD 20743
WM Recycle America, LLC	Recycling	18,124.19	7175 Kit Kat Road, Elkridge, MD 21075
ACME Biomass Reduction Inc.	Composting	5,295.62	21601 New Hampshire Avenue, Brookeville, MD 20833
Republic Services Old Dominion Landfill	Landfill	36,760.36	2001 Charles City Road, Henrico, VA 23231
Lorton Tire	Landfill	11.59	9898 Furnace Road, Lorton, VA 22079
WM Northern Virginia Recycling Facility	Recycling	33,304.86	7911 Notes Drive, Manassas, VA 20109
Prince George's County Yard Waste Composting Facility (DCPS)	Composting	348.98	6601 S.E. Crain Highway, Upper Marlboro, MD 20772
Waverly Landfill	Landfill	24.30	3474 Atlantic Ln, Waverly, VA 23890
Shredded Paper (Shred it DC and Iron Mountain)	Recycling	362.40	6770 Oak Hall Lane, Columbia, MD 21045; and 6031 Kansas Ave., NW Washington DC 20011
Unknown (HHW hauled by Care Environmental)	Incineration	29.40	Unknown
United States Penitentiary, Lewisburg (E-Waste Hauled by Unicor)	Recycling	159.60	2400 Robert F Miller Dr, Lewisburg, PA 17837
Charles City Landfill	Landfill	26,650.82	8000 Chambers Road, Charles City, VA 23140
Unknown (DPW Shredded Paper hauled by NexCut)	Recycling	125.79	Unknown
Community Composting Facility	Composting	135.00	Multiple locations
Total		480,777.15	

Table 5: Fate of FY 16 Waste Generated or Handled by District Government

¹ DPW residential data comes from the CompuWeigh database. For specifics related to data sources used calculate figures in this column, please refer to the data sources section in the appendix of the Washington, DC [Solid Waste Diversion Report: Fiscal Years 2015 & 2016](#).

² Please note that the numbers above report the tonnage that is collected or each material stream. These numbers are not representative of a waste characterization or composition as it does not account for contamination in recyclables, or recyclables and organics in the refuse stream.