Commonwealth of Virginia Locality Recycling Rate Report For Calendar Year 2025

Contact Information

Reporting Solid Waste Planning Unit: Virginia Tech

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Summary: Data collected for the annual DEQ Recycling Rate Report demonstrates the university's continued commitment to sustainable materials management and waste reduction. The report shows a recycling rate of 53%, reflecting the successful recovery of recyclable materials across campus operations. In addition, the university achieved an overall diversion rate of 82%, indicating that the majority of waste generated was diverted from landfill disposal through recycling, composting, reuse, and other recovery efforts. These results highlight the progress being made toward reducing the campus environmental footprint while supporting a culture of sustainability. Building on this momentum, the university remains focused on achieving Goal #7 of the Climate Action Commitment-to become a Zero Waste Campus by 2030-through ongoing waste reduction initiatives, expanded diversion programs, and increased engagement of the campus community.

Data in this report was collected from our recycling and solid waste facilities and other campus stakeholders. I certify that I have personally examined, and am familiar with, the information submitted in this form, and that based on my inquiry of the individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Teresa Sweeney	Waste and Recycling Manager	02/27/26
Authorized Signature	Title	Date

Part A: Recycling Rate Calculation - Using the formulae provided below and the information reported on Pages 3, 4, and 5 to calculate your recycling rates.

Step 1: [(PRMs) / (PRMs + MSW Disposed)] X 100 = Base Recycling Rate %

5281	/	5281	+	5074	X 100 =	51	%
TONS		TONS		TONS			

Step 2: CREDITS calculation

a.	**Total Recycling Residue**	**0**	**tons**
b.	**Total Solid Waste Reused**	**271**	**tons**
c.	**Total Non-MSW Recycled**	**16,801**	**tons**
	CREDITS	**17,351**	**tons**

Step 3: [(PRMs + CREDITS) / (PRMs + CREDITS + MSW Disposed)] X100 = Adjusted Recycling Rate #1*

5281	+	17,351	/	5,281	+	17,351	+	5,074	X 100 =	82	%
TONS		TONS		TONS		TONS		TONS			

☐

Step 4: ☒ **Source Reduction Credit does not apply; or**

Adjusted Recycling Rate #1 +2% SRP Credit = Adjusted Recycling Rate #2*

51	%	+ 2 %	=	53	%

Step 5: Final Recycling Rate* for Solid Waste Planning Unit = 53 %

*** Total credits resulting from Step 3 and 4 may not exceed 5 percentage points above the Base Recycling Rate achieved by the Solid Waste Planning Unit.**

Part I: Principal Recyclable Materials (PRMs): Report only PRM material generated within the reporting SWPU and recycled, NOT imported PRMs for recycling.

	RECYCLED AMOUNT (TONS)	
PRM TYPE	**MRSWA**	**Not Specified/VT**
Paper	142	35
Metal	24	7
Plastic	0	9
Glass	0	0
Commingled (also known as Single Stream)	162	0
Yard/Wood Waste (composted or mulched)	–	4,500
White Goods	25	0
Tires	5	0
Used Oil	0	7
Used Oil Filters	–	0.13
Batteries	–	9.3
Electronics	–	13
Fluorescent Bulbs & Ballasts	–	19
Food Waste Organic – Composting	–	265
Wasted Cooking Oil	–	69
	TOTAL PRMs	5,291

Listing of sources for PRM data

1. Solid waste facilities from Virginia Tech which MSW disposed/recycled data was collected:
    a. Waste and Recycling - Facilities
    b. Non-Capital Construction - Facilities
    c. Capital Construction and Renovations - Facilities
    d. Dining Services - Division of Student Affairs
    e. Housing and Residence Life - Division of Student Affairs
    f. Environmental Health and Safety
    g. Fleet Services - Parking and Transportation
    h.
    i.

2. Other facilities/operations (not included in #1 above) from which MSW disposed/recycled data was collected:
    a. Montgomery Regional Solid Waste Authority (MRSWA) - Christiansburg, VA
    b. YMCA at Virginia Tech - Blacksburg, VA
    c. Campus Kitchens Food Donation Program - VT Engage - Blacksburg, VA
    d.
    e.
    f.
    g.
    h.
    i.

A. Recycling Residue: "Recycling residue" means the (i) nonmetallic substances, including but not limited to plastic, rubber, and insulation, which remain after a shredder has separated for purposes of recycling the ferrous and nonferrous metal from a motor vehicle, appliance, or other discarded metallic item and (ii) organic waste remaining after removal of metals, glass, plastics, and paper which are to be recycled as part of a resource recovery process for municipal solid waste resulting in the production of a refuse derived fuel. (§ 10.1-1400 of the Code of Virginia) (use only SWPU generation)

MATERIAL DESCRIPTION	FACILITY/OPERATION	TONS OF MATERIAL
_ from		
_ from		
_ from		
TOTAL RECYCLING RESIDUE		**0**

B. Solid Waste Re-used

MATERIAL DESCRIPTION	REUSE METHOD	TONS OF MATERIAL
Furniture/Appliances	YTOSS Program (Collected - Student Move-Out)	17
Food Donation Prgm	Partnership w/Dining Services & VT Engage Grp	15
Surplus		325
	TOTAL SOLID WASTE REUSED	**271**

C. Solid Waste Re-used

MATERIAL DESCRIPTION	RECYCLING METHOD	TONS OF MATERIAL
Hokie Stone Gravel	VT Quarry Ops	13,415
Masonry, Concrete, Soil, etc.	Construction Projects	3,936
	TOTAL NON-MSW RECYCLED	**17,351**

MSW TYPE	TOTAL AMOUNT of MSW DISPOSED (TONS)
Household	5,074
Commercial	
Institutional	
Other (DO NOT INCLUDE INDUSTRIAL WASTES)	
TOTAL MSW DISPOSED	**5,074**