

Comprehensive Procurement Guidelines

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WHEN YOU *THROW* SOMETHING AWAY, WHERE DOES IT GO?



IN THE
UNITED STATES
IN 2015,



262.4
MILLION TONS
OF TRASH



WERE
GENERATED



137.7
MILLION
TONS



ENDED UP IN
LANDFILLS

BUT IT DOESN'T HAVE TO

An infographic with a light blue background and a green geometric pattern on the right. It features three orange icons: a map of the United States, a wheelbarrow with a plant, and a garbage truck. The text is in white and orange. The top section contains three parts: 'IN 2015, NATIONALLY, WE RECYCLED' over the map, 'AND COMPOSTED' over the wheelbarrow, and '91 MILLION TONS OF MSW.' over the truck. The bottom section has a white background with orange text stating 'RECYCLING AND COMPOSTING HELPS SAVE NATURAL RESOURCES.'

IN 2015,
NATIONALLY,
WE RECYCLED

AND
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91 MILLION
TONS OF MSW.

RECYCLING AND COMPOSTING HELPS
SAVE NATURAL RESOURCES.

Recycling is Making Headlines

IMPACT

The Dirty Truth Is Your Recycling May Actually Go To Landfills

America is in the midst of what one official calls an “unprecedented” recycling crisis.

HuffPost July 2018

Why the world's recycling system stopped working

Financial Times Oct 2018

America has a recycling problem.
Here's how to solve it.

The Week Feb 2019

Recycling is Making Headlines (Pt. 2)

These Five Companies Are Leading The Charge On Recycling

Forbes Dec 2018

Coca-Cola promised to help fix recycling. Here's how it plans to deliver

CNN March 2019

Walmart announced that it will work with its U.S. private brand suppliers on the following commitments:

- Seek to achieve 100 percent recyclable, reusable or industrially compostable packaging for its private brand packaging by 2025;
- Target at least 20 percent post-consumer recycled content in private brand packaging by 2025;

Walmart Feb 2019

We need to build markets ...

- ▶ For recovered materials
- ▶ But we need demand for recycled products
 - ▶ (and greener products in general)
- ▶ Environmentally preferable purchasing can help build markets
 - ▶ The CPG is just one of many EPP efforts
(<https://www.epa.gov/greenerproducts>)
- ▶ The CPG was one effort to build markets for sustainable products

The Federal Government Can Influence Change

- ▶ The federal government:
 - ▶ 350,000 buildings
 - ▶ 600,000 vehicles
 - ▶ \$500 billion in purchased goods and services annually
- ▶ Congress directed government agencies to increase their purchase of recycled content products in the Resource Conservation and Recovery Act Section 6002
- ▶ In 1995 EPA issued the original CPG regulations

What are EPA's CPG?

- ▶ The Comprehensive Procurement Guidelines (CPG):
 - ▶ Are authorized by Congress under Section 6002 of Resource Conservation and Recovery Act
 - ▶ Promotes the use of recovered materials from the municipal solid waste (MSW) stream
 - ▶ Helps to ensure that recovered materials will be used in new products
 - ▶ Features products that are, or can be made, with recovered materials

Who is required to buy recycled products?

- ▶ Under RCRA, the requirement to purchase an EPA-designated product containing recovered materials applies to procuring agencies that spend more than \$10,000 a year on that item.
- ▶ What is a “procuring agency”?
 - ▶ Procuring agencies are federal, state, and local agencies, and their contractors, that use appropriated federal funds.
 - ▶ For example, if a county agency spends more than \$10,000 a year on an EPA-designated item, and part of that money is from appropriated federal funds, then the agency must purchase that item made from recovered materials.
- ▶ Purchases unrelated or incidental to the purpose of federal funding are not subject to these requirements.
 - ▶ When it is not apparent that the guidelines apply to a purchase, EPA encourages procuring agencies to follow the guidelines to help expand markets for products made from recovered materials.

What Products are in the CPG?

- ▶ There are 61 products designated in eight categories:

Product Categories	
Construction Products	Landscaping Products
Paper and Paper Products	Non-paper Office Products
Park and Recreation Products	Transportation Products
Vehicular Products	Miscellaneous Products

- ▶ Products can be found at:
<https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program#products>

Product Specific Resources are Available

Nonpressure Pipe

Nonpressure pipe is used throughout the United States as drainage pipe and conduit in construction, communications, municipal, industrial, agricultural and mining applications. Nonpressure pipe containing steel, plastic or cement can be made from recovered materials.

EPA's [Recovered Materials Advisory Notice \(RMAN\)](#) recommends recycled-content levels for purchasing nonpressure pipe as shown in the table below.

Recommended Recovered Materials Content for Nonpressure Pipe

Product	Material	Postconsumer Content (%)	Total Recovered Materials Content (%)
Non Pressure Pipe	Steel ¹	16 67	25-30 100
	HDPE	100	100
	PVC	5-15	25-100
	Cement	Refer to the cement and concrete specifications .	

¹The recommended recovered materials content levels for steel in this table reflect the fact that the designated item can be made from steel manufactured in either a Basic Oxygen Furnace (BOF) or an Electric Arc Furnace (EAF). Steel from the BOF process contains 25-30 percent total recovered steel, of which, 16 percent is postconsumer steel. Steel from the EAF process contains a total of 100 percent recovered steel, of which, 67 percent is postconsumer steel.

Product Specifications

- [Learn more about specifications](#) for nonpressure pipe containing recovered materials.
- For more information on EPA's nonpressure pipe product research, please see the [Technical Background Document for RMAN IV](#).

CPG Product Supplier Directory

CPG Product Supplier Directory



The CPG Product Supplier Directory includes manufacturers, vendors, and suppliers for each product so you can use it to search for specific companies and products.

To use the Directory: Use the Search Options box to select one or more products or state/country locations. You can also enter a specific company name in the supplier textbox. Click the "Search" button and the results will display the rows that match your search. Click on the "Reset" button to clear your search results. (Note: Please enable javascript in your browser.)

To sort the Directory: In your search results, click on the column headers to sort the table alphabetically. Arrows will indicate if the column is being sorted in ascending or descending order.

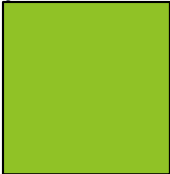


The following links exit the site [EXIT](#)

Please Note:

- A product with the GSA icon () indicates the product's Government Schedule status. See the Product Notes column for full details.
- A supplier with the Small Business icon () indicates that this supplier is certified as a small business by the Small Business Administration.
- Many of the Supplier links in the table below Exit EPA's website.

Show entries

Search:

Product	Subproduct (if any)	Product Notes	Supplier	Address	State/Country	Contact
<input type="text" value="All"/>					<input type="text" value="All"/>	
Construction: Nonpressure Pipe		Material: Plastic (100% Post-consumer; 100% Total Recovery) Product Notes: Corrugated and smoothwall HDPE pipe. Incoming resin is tested using ASTM 1238 and ASTM 3350. Finished pipe is tested using ASTM F405, ASTM F667, and AASHTO M252.				

<https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program#products>

Related Programs, Tools and Resources

There are several EPA and programs, tools and resources related to CPG. Those resources, a link to their website and a description of each is listed below:

Resource	Description
Greener Products	EPA's Greener Products portal allows users to search for EPA programs related to greener products based on the type of user and their specific product interests.
Safer Choice	EPA's Safer Choice, formerly Design for the Environment, program helps consumers, businesses, and institutional buyers identify cleaning and other products that perform well, are cost-effective, and are safer for the environment.
Reduce, Reuse, Recycle	This EPA website that shows how reducing, reusing, and recycling can help you, your community, and the environment by saving money, energy, and natural resources.
Environmentally Preferable Purchasing.(EPP)	EPA's Environmentally Preferable Purchasing program encourages and assists federal agencies in purchasing environmentally preferable products and services. The website explains EPA's guiding principles for including environmental performance in purchasing decisionmaking and posts case studies of successful pilot projects in both the public and private sectors.
WaterSense	EPA's WaterSense program helps people save water with a product label and provides tips for saving water around the house.
Office of Federal Sustainability	The Office of Federal Sustainability is responsible for promoting sustainability and environmental stewardship throughout Federal government operations. Created by Executive Order in 1993, the Office is housed at the President's Council on Environmental Quality, is administered by EPA, and stewards the interagency Steering Committee on Federal Sustainability.
FedCenter	FedCenter is the federal government's home for comprehensive environmental stewardship and compliance assistance information. The site provides frequent updates to the stewardship program. Federal employees and contractors can become members and gain access to additional resources.

<https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program#related>

Identify CPG Products When Shopping

- Learn how your shopping portal highlights recycled content products
- GSA's Advantage site uses the chasing arrows
- What additional environmentally preferable attributes can be selected?

GSA Advantage!
Online Shopping

A service of the U.S. General Services Administration

Shop by Category **Search** Products **Go** Advanced

Home > Environmental Program

Environmental Program

Welcome to the GSA Environmental Program aisle on GSA Advantage.

Whether fulfilling a requirement or concerned about the environment, there are many reasons to choose environmentally sound products.

GSA Advantage offers thousands of products and services to meet your environmental purchasing goals. This Environmental page is designed to give you easy access to the wide variety of environmental products and services offered by GSA. We encourage you to purchase products designated as "Energy Star", "Recycled", "EPEAT" and more.

Note: For many products on GSA Advantage, vendors determine (self-certify) the environmental symbols listed with a product. If you have a question about a product's environmental specification, please contact the vendor directly for confirmation prior to placing order.

Go Green

GSA offers products and services that support your Green efforts and help our nation build a clean energy future and protect the environment.

[learn more about GSA's Green Initiatives >>](#)

Confused About Buying Green?

[Learn More](#)














Visit the GPC

SF TOOL

Product Search

Look for: in **All Categories** **Search**

Select an environmental program below
Note: checking more than one will return only those items having all the indicators selected

<input type="checkbox"/>  BioPreferred	<input type="checkbox"/>  FEMP FEMP Energy Efficient item	<input type="checkbox"/>  Safer Choice
<input type="checkbox"/>  CPG Item	<input type="checkbox"/>  Low VOC	<input type="checkbox"/>  S.N.A.P. Approved
<input type="checkbox"/>  Energy Star Compliant	<input type="checkbox"/>  Meets Recommended Ecolabels	<input type="checkbox"/>  WaterSense
<input type="checkbox"/>  EPA Primary Metals Free	<input type="checkbox"/>  NESHAP NESHAP Compliant	
<input type="checkbox"/>  EPEAT	<input type="checkbox"/>  PRIME PRIME Item	

How to Calculate the Benefit of Recycling

- ▶ EPA's WARM Model (Waste Reduction Model)
 - ▶ It helps track and voluntarily report greenhouse gas (GHG) emissions reductions from several different waste management practices.
 - ▶ WARM calculates and totals GHG emissions of baseline and alternative waste management practices—source reduction, recycling, anaerobic digestion, combustion, composting and landfilling.
 - ▶ www.epa.gov/warm

iWARM

- A more personalized way to use WARM

<https://www.epa.gov/warm/individual-waste-reduction-model-iwarm-tool>

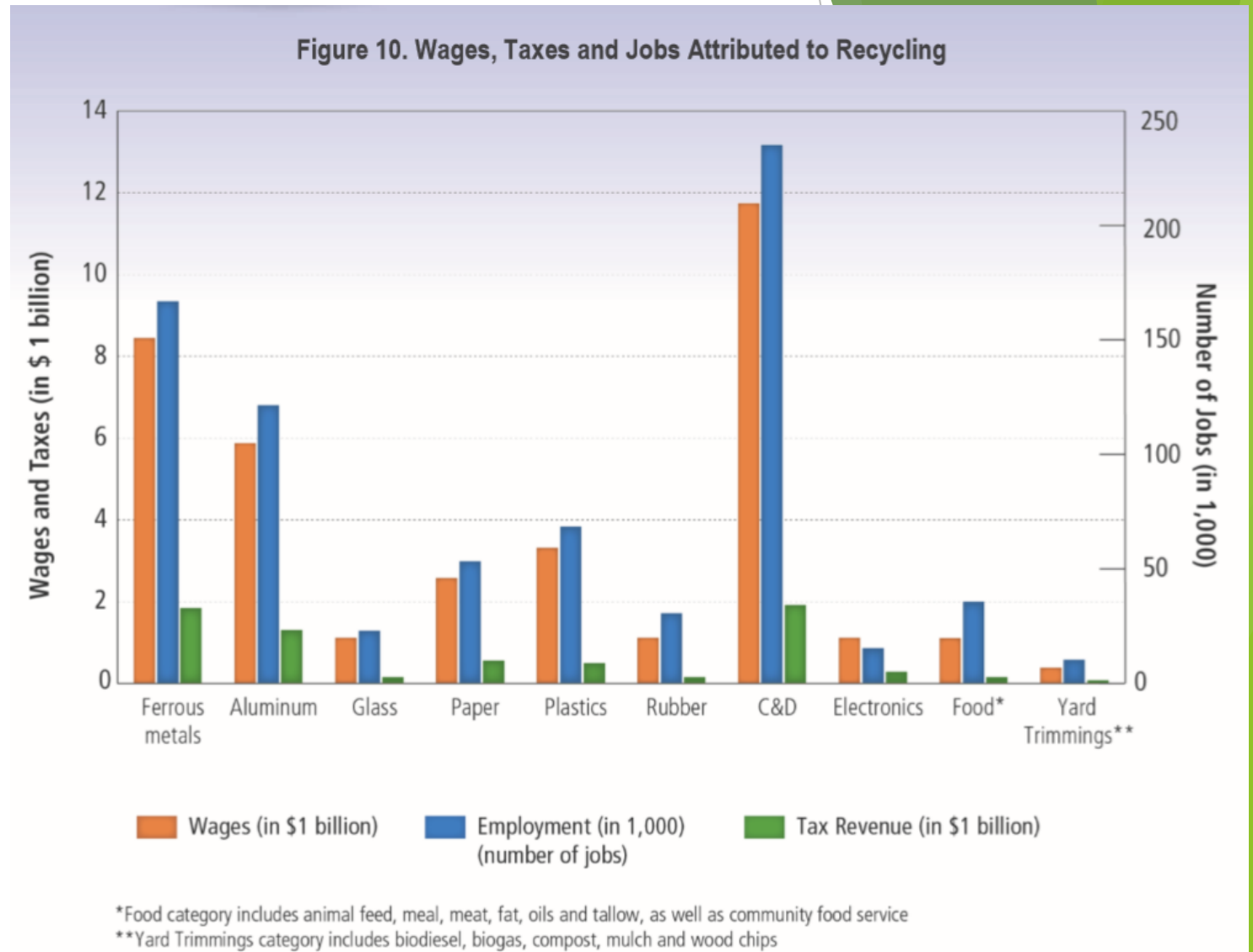
EPA recycling	
choose a recyclable	power an appliance
 Aluminum Can	 Air Conditioner
 Glass Bottle	 Hair Dryer
 Plastic Bottle	 Laptop Computer
 Weekly Magazine	 60W Equiv CFL Bulb
 Plastic Grocery Bag	
Share your results	
Learn more	

Personal and Customizable Results



Recycling Mean Jobs

- In 2007 recycling and reuse activities accounted for:
 - 757,000 jobs
 - \$36.6 billion in wages; and
 - \$6.7 billion in tax revenues
- This is 1.57 jobs per 1,000 tons of material recycled.



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