

Commonwealth Recycling



Goals

- Commonwealth Surplus

- 1st Re-utilize among agencies

- 2nd Re-Sale to generate revenue

- 3rd Recycle - Environmental Standards

- Minimizing cost

- Maximizing revenue potential

- 4th Disposal – Waste Reduction

- Minimizing waste

- Minimizing costs

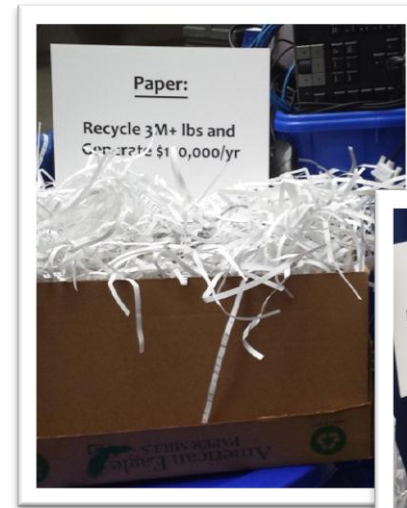
2014 Innovation Expo

RE-utilizing, RE-cycling, Revenue Generating
...DGS is Resourceful



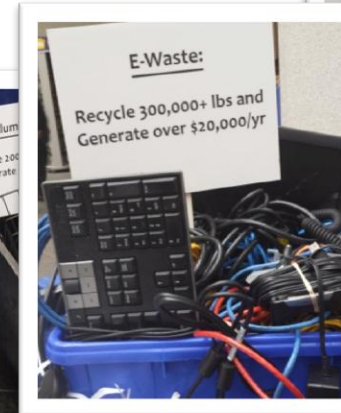
Continue to Recycle

- Paper
- Cardboard
- Bottles and Cans
- Metal
- Toner Cartridges
- Fluorescent Lamps



New Items Recycling

- Pallets
- Waste Oil
- Anti-freeze
- E-waste
- Shredded Hard Drives
- Shrink Wrap
- Plastic Drums



Maximizing Revenues

Cost to collect with offsetting revenue received

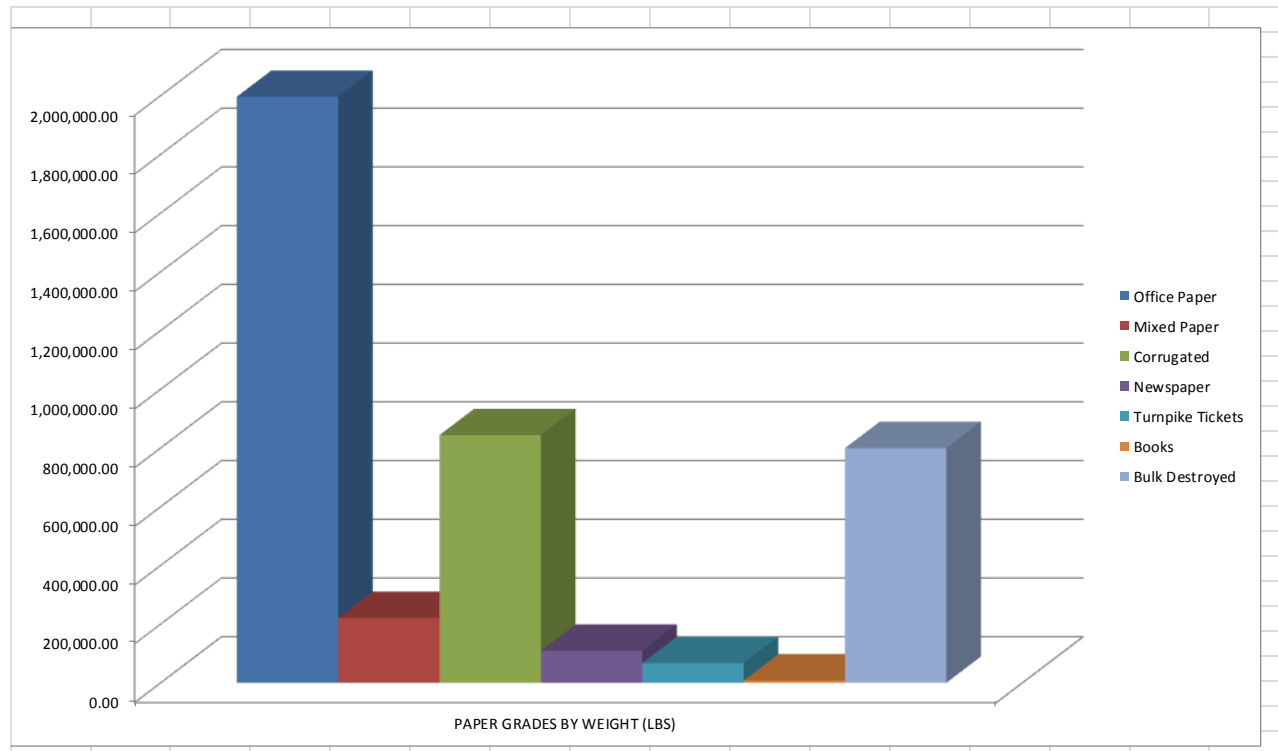
- Paper

- Office Paper
- Mixed Paper
- Books
- Newspaper
- Corrugated Paper
- Turnpike Tickets
- Bulk Destroyed



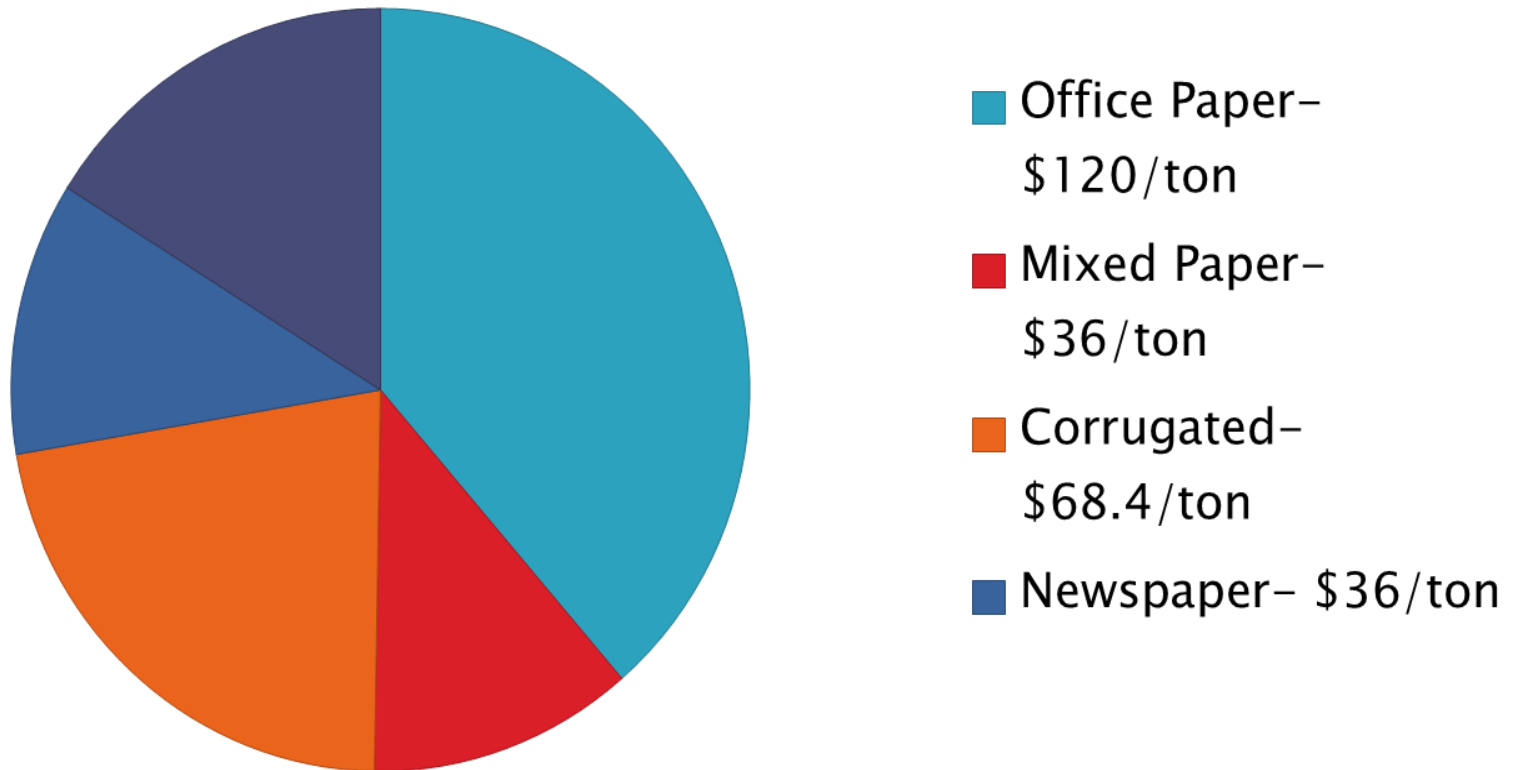
How much paper do we recycle?

- 5,456,624 Pounds of Paper!



What is Paper Worth?

Value of Paper Grades per Ton



Maximizing Revenues

Cost to collect with offsetting revenue received

- Metals

- Scrap Metal
- Aluminum
- E-Waste
- Shredded Hard Drives

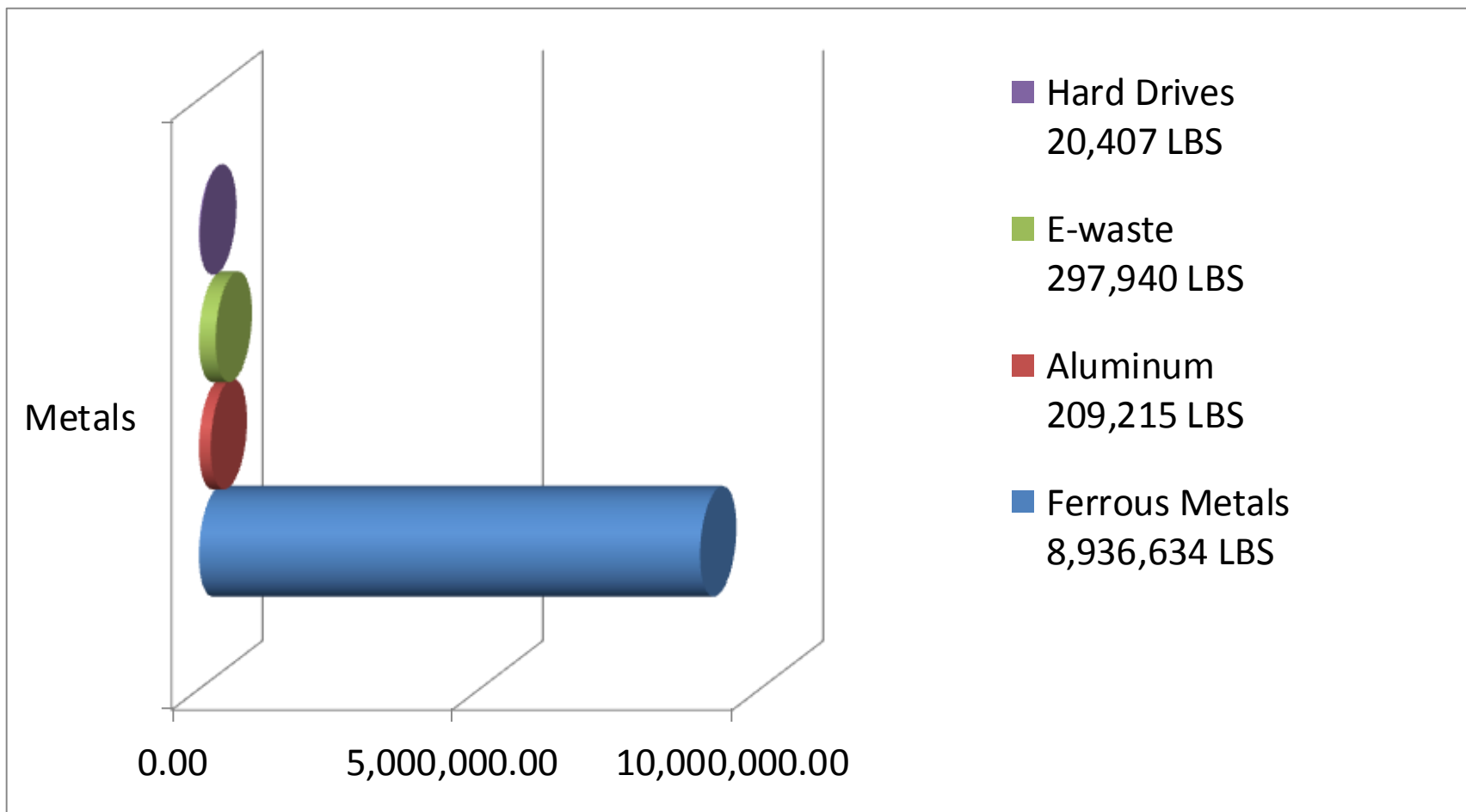


- Fluids

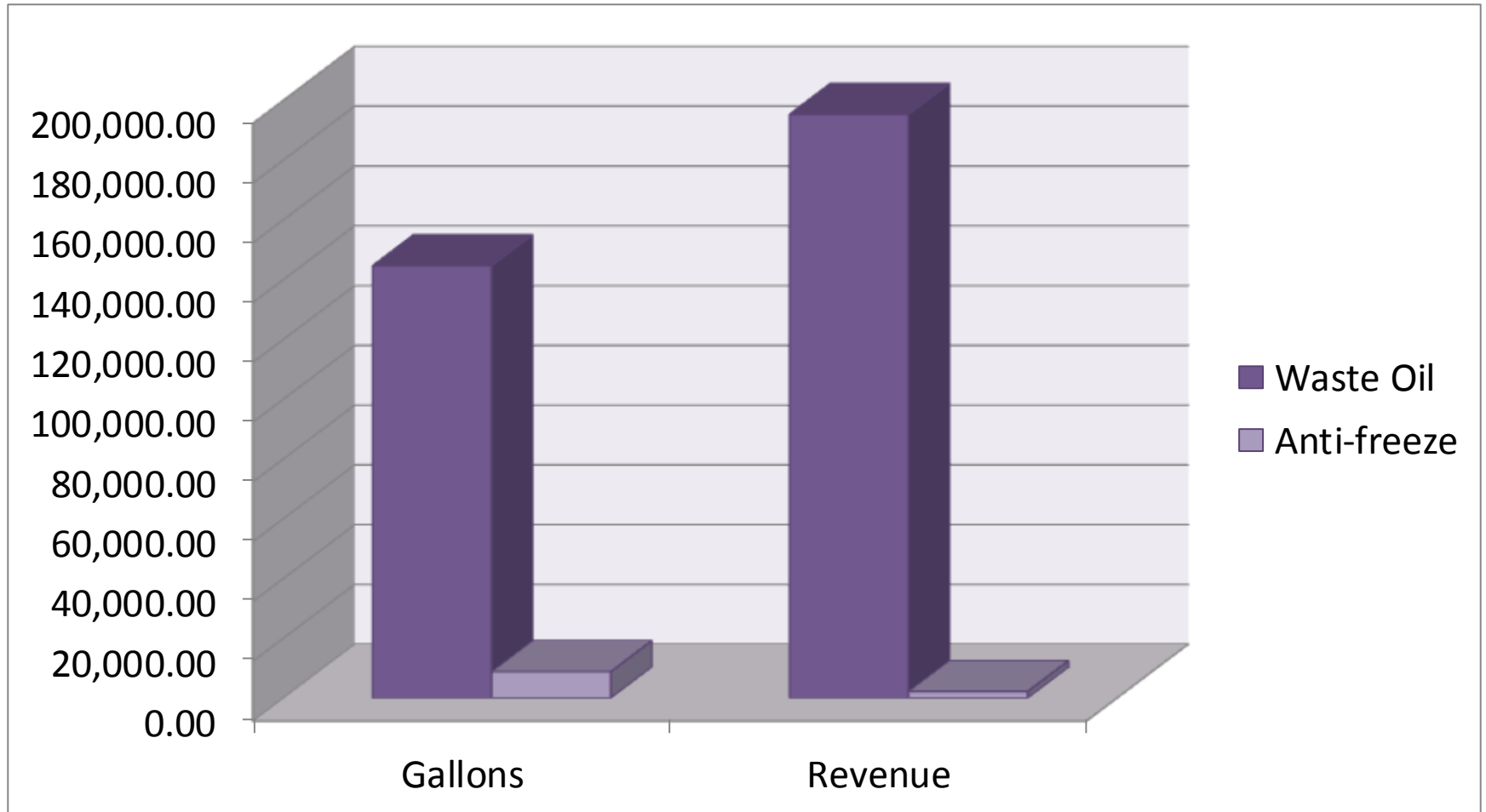
- Waste Oil
- Anti-freeze



Pounds Of Metal Recycled



Fluids



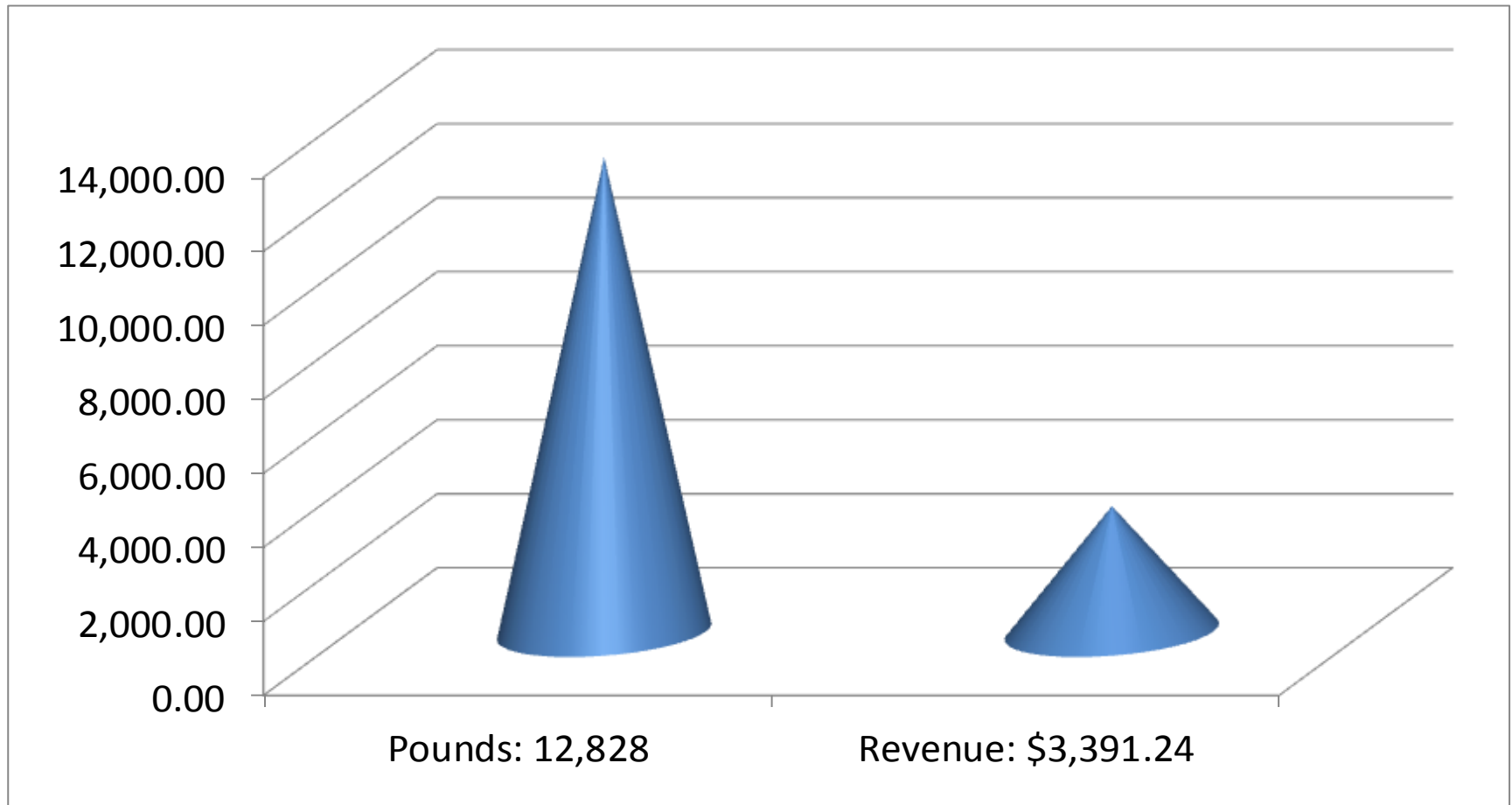
Maximizing Revenues

Cost to collect with offsetting revenue received

- Lead Acid Batteries
- Pallets
 - ▼ \$1.00 per approved standard sized pallet.



Lead Acid Batteries



Minimizing Costs

Cost to collect with no offsetting revenue

- Rechargeable Batteries- 255 LBS
- Offsite Shredding- 1,393,365 LBS
- Toner Cartridges- 48,000 LBS
- Plastic Drums- 990 LBS
- Bottles & Cans- 66,000 LBS

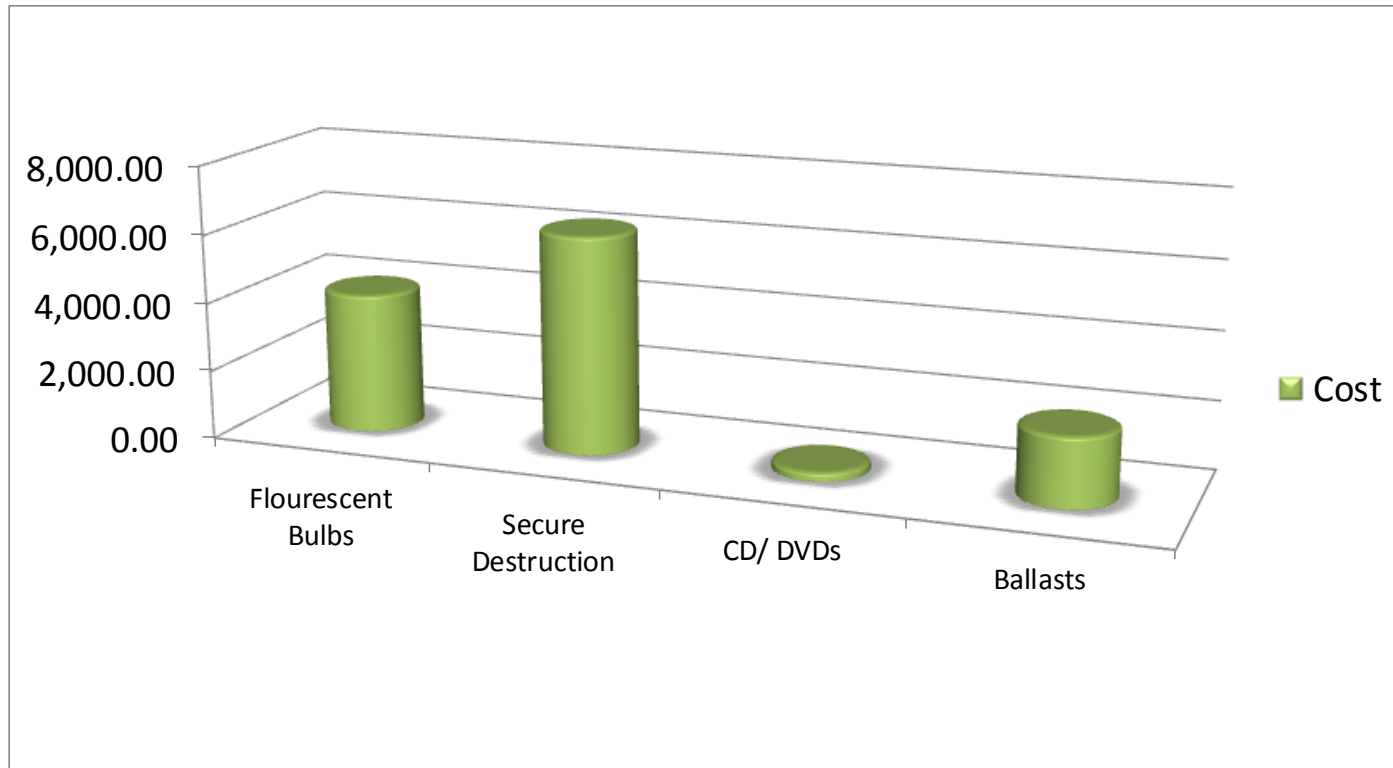
Minimizing Costs

Cost to collect and charge to recycle

- Fluorescent lamps - 6,250 lbs
- Secure media destruction – 108,060 lbs
- CD/DVD recycling – 850 lbs
- Ballasts – 3,948 lbs

▶ Minimizing Costs

\$12,670.30 spent by DGS



Tires and Rubber Scrap:

Cost to Outside Agencies

- 1,743,642 pounds of rubber recycled
- \$28,800 paid by outside agencies



Trip Cost Calculator

- 3 Truck
- 4 Person Crew
- 82 Locations
- 11 Mile Radius



Outside Harrisburg area...

Data captured via Agency Location Recycling Data Form

- Cardboard- 49,204 LBS
- Paper- 125,622 LBS
- Confidential Paper Shredding- 839,558 LBS
- Newspaper- 4,000 LBS
- Bottles & Cans- 11,699 LBS
- Toner- 4,623LBS

How we help

- Online Training
- Electronic Communications via Listserv
- Online Database
- Find Vendors Across the State
- DGS Procurement

How We Help

- **Green Purchasing**

- Office Supplies- 50% Recycled Paper
- Corrugated Binders instead of Vinyl
- Remanufactured Toner Cartridges
- Janitorial Supplies
 - Paper & Cleaning Products meeting Green Seal GS-37 Standards
- B5, B10, and B20 Biodiesel Fuel is available on Contract.
 - Only B2 is Mandated by Law.
- Bio-Heating Oil is available on contract
- Biomass Wood Chips used to heat Warren State Hospital
 - Approximately 2,000 tons

Trends

- Decreased Paper
- Increased Cardboard
- Decreased Oil (with CNG)
- Increased Batteries
- Decreased CRTs & Large Item Electronics
- Increased Cell Phones
- Still Have Lots of Vinyl Binders

Future Initiatives

- CNG Vehicles
- Food Waste Recycling
- Shrink Wrap
- AED Pads
- New Management Directive 205.22
with DEP on Recycling

Thank You!