# Recycling Generation from Alcohol Consumption <br> \section*{Elizabeth Hart} 



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Table 2: Waste produced per serving size for commonly consumed alcoholic beverages


Results
Table 2 shows the weight of alconol containers that 1 collected on the Beloit College campus to
determine the amount of waste generated by consuming one standard drink of alcohol. Beloit College generated 401 tons of trash, 34 tons of cardboard and paper, 111 tons of yard waste Disposal 2007). The consumption of alcohol contributes to the amount of co-mingled ecyclable waste generated.
g to 2005 CORE Survey taken by 840 Beloit College students, $75 \%$ esponded that they had consumed alconol in the e past 30 days (CORE Survey 2005). The same survey
Slass, aluminum, and plastic containers (referred to as co-mingle) are taken to John's Recycling plant in Milton, Wisconsin.
Prevents the emission of greenhouse gases and water pollutants
Saves energy
pplies valuable raw materials to industry
-Creates jobs -Stimulates the development of greener technologies

- Conserves resources for our children's future

See Table 3 to see the amount of energy saved through the recycling of glass, aluminum, and lastics. These numbers indicate that recycing aluminum cans saves the most energy, Roduction will be discussed in relation to Beloitit College.

## Discussion

Based on the amount of waste generated by alcohol consumption, we are able to determine
how much waste is generated per standard drink. From least to greatest:
Hard liquor in plastic containers

- tard liquor in glass containe

Wine in glass containers

## eeer in glass bottles

We also found thatit takes $95 \%$ less energy to recycle aluminum, $70 \%$ less energy to recycle
plastics, and $40 \%$ less energy to recycle glass thyn it dloes to mase Recycling Revolution 2007). This leaves us with hard liquor from a plastic container and bee om an aluminum can being the most efifieient use of our resources. The most inefficient use hat can we do about our waste problem on campus? In 1989 , the EPA res Waste Dilemma: An Agenda for Action" which outines the 3 R's waste management strateg Reduce, Reuse, and Recycle (EPA 1989), noted in Figure 2. Alcohol consumption on our campus contributes
mingled
Ercyclabes.
Each person reducing waste by consciously purchasing products with less packaging saves
1000 pounds of carbon dioxide from entering our atmosphere (Recycling Revolution 2007 ). Beloit College has had a recycling program on campus since it was started by students during e $1994-1995$ school year (Physical Plant 2007). In 1996, physical plant accepted the duties
of collecting recycling (Physical Plant 2007). Recycling helps to address larger environmenta issues that are incling (Physitat incol Iayant thanging Recycling helps to address larg Reduces the need for land-filling and ingineration.
Saves energy and prevents pollution caused by the extraction and processing of virgin Decreases emissions of greenhouse gases that contribute to to global climate change -Conserves naturara resourreces suchect as stimberser, wateren,
-Helps sustain the nevironment for future generations.
Protects and expands U.S. manufacturing jobs and increases U.S. competitiveness in the
Pobal marketolace.

## Conclusion

Paying attention to the amount of waste you create by consuming alcohol is a quick and eas eneration followed by recycling practices. When it comes down to your next alcohol purchase, consider purchasing a container with more standard drinks per bottle. Next time you aste will be going. Put your recyclables into the correct recycing binto make sure that it wi waste will be going. Put your recy
Tell a friend why it is important to reduce and recycle! Healthy environments will lead to a rise Theath, standard of living, and thereby increasing the abiilty of indivividuals to focus on other spects of nutritionally satisfying lifestyles. Who knew the picking of $y$ cur weekend alcoholic spects of nutritionally satist

