

The ScrapMap™

The recycling process is depicted on the ScrapMap™ as a large circle. Each of the circles on this page shows how we can take something old and create a new and useful product. In 2013 in the United States, more than 130 million metric tons of scrap metal, paper, plastic, glass, textiles, rubber, and electronics – valued at more than \$80 billion – were manufactured into new products.

Old Newspapers Can Become New Again!

Newspapers go through a paper recycling process so that trees don't have to be chopped down to make new paper, protecting the environment.

Did you know:

- Since 1990, Americans have recycled nearly one billion tons of recovered paper.
- Nearly 77% of all U.S. papermakers use some recovered paper to make everything from newspaper to paper packaging to office paper.
- In 2013, the United States recovered nearly 50.1 million tons of paper; that's 315 lbs. of paper for every person in the country.
- Recycling one ton of paper saves 3.3 cubic yards of landfill space.



Recovered Paper



Ferrous Metal

Old Cars Can Become A New Bridge

The steel in cars can be recycled and used to build other things, like bridges.

Did you know:

- Recycling one car saves more than 2,500 lbs. of iron ore, 1,400 lbs. of coal, and 120 lbs. of limestone.
- Steel is the most recycled material in the United States. On average, the U.S. processes enough ferrous scrap daily, by weight, to build 25 Eiffel Towers every day of the year.
- Recycling steel requires 60% less energy than producing steel from iron ore.
- By using ferrous scrap rather than virgin materials in the production of iron and steel, Carbon Dioxide emissions are reduced by 58%.

From One Can to Another

In this process, empty soda pop cans are recycled to make new cans.

Did you know:

- A used aluminum can is recycled and back on the grocery shelf in as little as 60 days.
- If all aluminum scrap processed in the United States were used solely to produce soda cans, the lined-up cans would stretch 25 million miles – the distance from Earth to Venus.
- In 2012, the United States domestically recycled aluminum cans saved the energy equivalent to 19 million barrels of gasoline – enough to fuel more than 1.7 million vehicles on the road for one year.
- Of an estimated total 700 million tons of aluminum produced in the world since commercial manufacturing began in the 1880s, about 75% is still in productive use as secondary raw material.



Non-Ferrous Metal