

Metals can be classified as ferrous and non - ferrous

Ferrous metal

They are a combination of iron with carbon steel, alloy steel, wrought iron, and cast iron.

In 2017 alone, the United States' scrap recycling industry processed 66 million metric tons of ferrous scrap valued at \$15.9 billion.

Not recycling them has a very negative impact on the environment we have to mine for the material and it costs a lot of money and at the same time it is also dangerous to people who are mining

Ferrous scrap metal can be recycled through a process which involves

1. Remelting
2. Recasting
3. Redrawing.

At the end of it all, the recycled metal is compacted into blocks, sheets, or some other state, for use by manufacturers. Whilst the process of scrap metal recycling still involves energy consumption and costs, it's far less than what would be demanded by the mining and processing of brand-new ore.

Ferrous metal can be found in

- Buildings and Infrastructure
- Vehicle Construction
- Machinery
- Tools

- Electrical Appliances
- Cookware and Cutlery
- Food Packaging
- Weapons

