

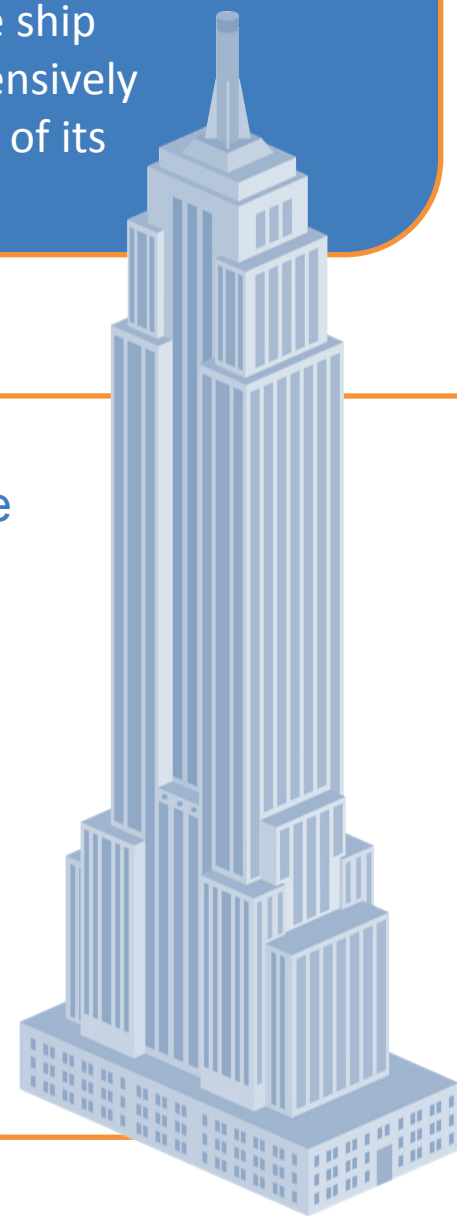
# 5 Industries Where Steel is the Star

Steel is one of the most commonly-used materials for both consumer and industrial applications. Steel is made from iron, which occurs in nature in combination with other elements. There are more than 3,500 different grades of steel with many different physical, chemical, and environmental properties. With exceptional strength, flexibility, and recyclability, it is used in items we see almost every day. Here are just a few of the industries where steel is the star.



## TRANSPORTATION

Nearly all vehicles on the road today are made of steel. Rail transport requires steel in trains, rails, and infrastructure. Shipbuilding traditionally uses structural steel plate to fabricate ship hulls. Modified steel is used extensively for aircraft landing gear because of its high strength.



It took 57,000 tons of steel to construct the skeleton of the Empire State Building, one of the world's most recognized structures.

## HOUSING & CONSTRUCTION

The housing and construction sector is the largest consumer of steel today, using around 50% of world steel production.



## GOING GREEN

Steel is the main material used in delivering renewable energy – wind, solar, and tidal.



Steel demand for wind power is estimated to reach 13 million tons by 2020.



Almost 200 billion food cans are produced from steel each year.

## HOUSEHOLD APPLIANCES

One-and-a half to two million tons of steel is shipped to the appliance, utensils and cutlery market in the United States annually. On average 75% of the weight of a typical household appliance comes from steel.

Steel hinges on refrigerators can support more than 140 pounds of door weight without sagging.



Steel is used in precision screws, keyboard springs, antennas, hard disk drive spindles, actuator parts, and fan blades in computers.

## ELECTRONICS

Approximately 25% of an average computer is made of steel.



Resources found on: [Steelworks](#), [World Steel Association](#), and [About Education](#)

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