

World Steel Market (2017)


- World Production = 1,691,200,000 metric tons
- Chinese Production = 831,700,000 metric tons
- US Production = 81,600,000 metric tons

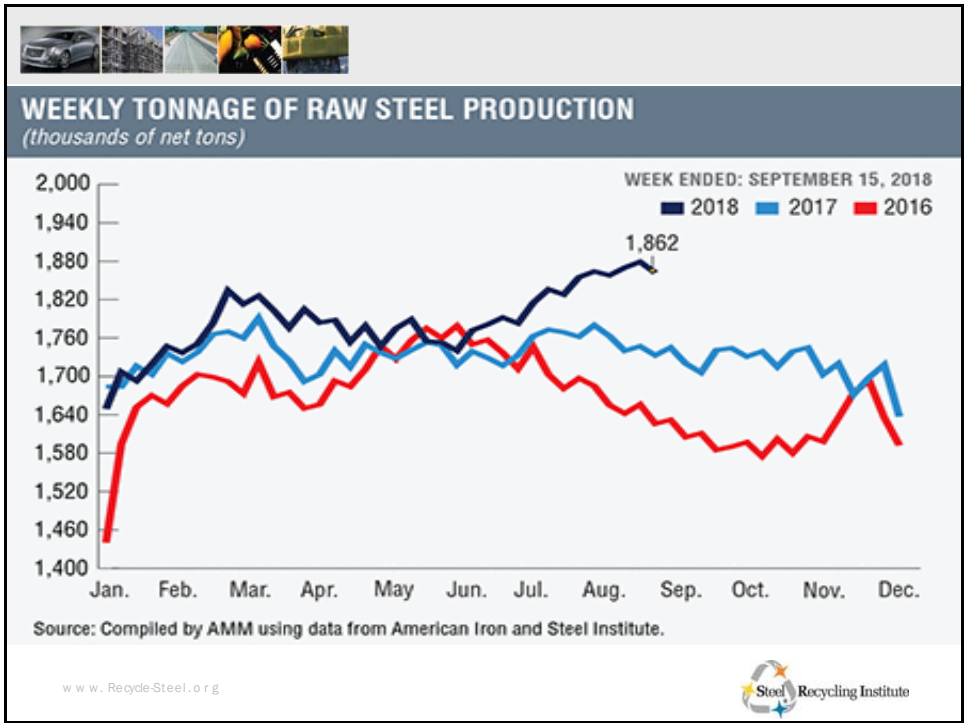
China- 831 million metric tonnes	<u>Top exporters</u>	<u>Top importer</u>
Japan- 104.7 million metric tonnes	China #1	US-35.7 Million Metric Tonnes
India- 101.4 million metric tonnes	Japan #2	USA! USA! USA!
USA- 81 million metric tonnes	South Korea #3	
	US #16	

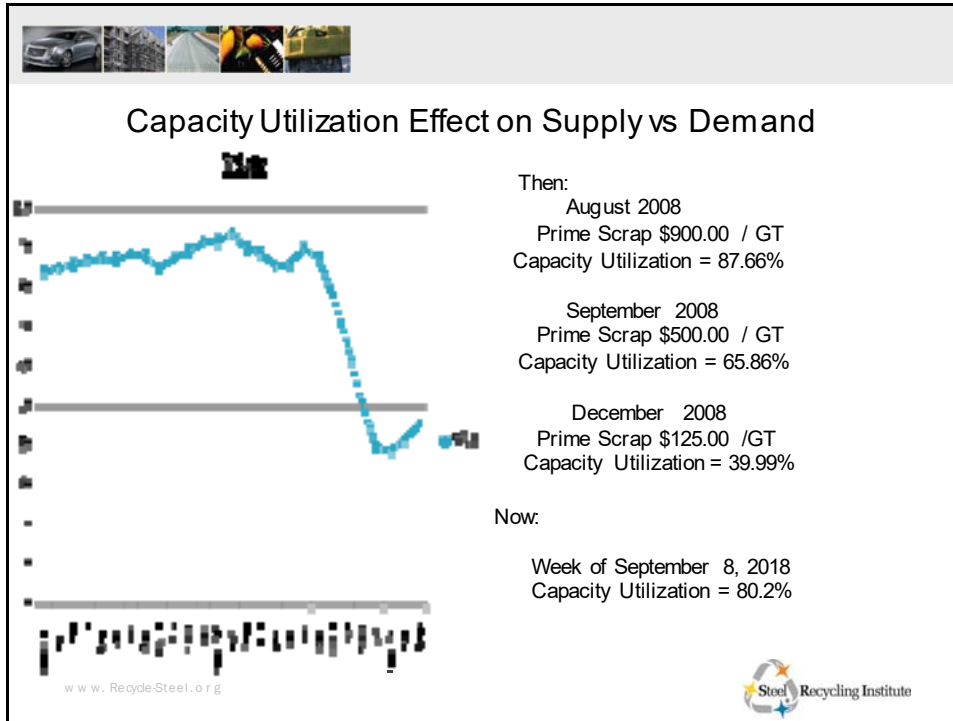
Steel scrap exports virtually unaffected by Green Fence or National Sword but Blue Sky has affected all exports.

Concerned about underutilized Chinese Import licenses due to risk of rejection and associated costs

Good News, Steel can scrap is typically not exported and US mills have capacity to consume every ton!


www.Recycle-Steel.org 







Overall Steel Recycling Rate:	76% (64.5 million tons recycled)
Automobile Steel Recycling Rate:	87% (14.3 million tons recycled)
Appliance Steel Recycling Rate:	88% (2.7 million tons recycled)
Container Steel Recycling Rate:	71% (1.3 million tons recycled)
Construction Structural Rate:	98% (*based on C/D survey)
Construction Reinforcement:	71% (*based on C/D survey)


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 **Steel cans in the marketplace**

 Steel food cans make up 90% of the steel can marketplace

 Steel Aerosol cans are 7% of the steel can marketplace

 Steel paint cans are 3% of steel cans in the marketplace

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 **Evolution or Devolution?**

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Steel Food Can Facts

Can Manufacturers Institute

Did You Know?

- 34** FOOD THAT IS CANNED IS FOOD THAT ISN'T WASTED HELPING TO OFFSET THE 34 BILLION TONS OF FOOD WASTED IN THE UNITED STATES
- RECYCLING 1 TON OF STEEL CANS CONSERVES 2,500 LBS OF IRON ORE, 1,400 LBS OF COAL & 120 LBS OF LIME STONE
- CANNED FOOD IS PICKED AT THE PEAK OF RIPENESS & IMMEDIATELY CANNED LOCKING IN ITS FLAVOR & NUTRITION
- 26 NUMBER OF HOURS TO POWER A 60 WATT BULB FROM RECYCLING 7 STEEL CANS
- THE RECYCLING RATE OF STEEL CANS IS 71%
- FOR MORE INFORMATION VISIT CANCENTRAL.COM
- STEEL CANS ARE 100% RECYCLABLE OVER & OVER AGAIN, FOREVER
- 1810 YEAR THE STEEL CAN WAS INVENTED TO FEED NAPOLEON'S ARMY
- 80%-90% OF ALL STEEL EVER PRODUCED IS STILL IN USE TODAY
- LOOKING TRIM CANS TODAY WEIGH 33% LESS THAN 25 YEARS AGO
- ANNUAL COST TO AMERICANS FROM FOODBORNE ILLNESS: \$7.77 BILLION
- CANS MAKE FOOD SAFER WITH 100% CONTAMINATION PROTECTION

EMPTY STEEL AEROSOL CANS

Nationwide, over 5900 programs collect empty aerosols in their steel can mix

72 OF TOP 100 CURBSIDE PROGRAMS INCLUDE EMPTY STEEL AEROSOL CANS

According to the 2016 SPC study, over 70% of Americans have access to programs which include empty aerosol cans.



PLEASE RECYCLE WHEN EMPTY

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Paint Cans: Simply Empty with Dry Skin!

Approximately 4800 recycling programs include empty steel paint cans



Steel paint cans still have 55% of paint container market

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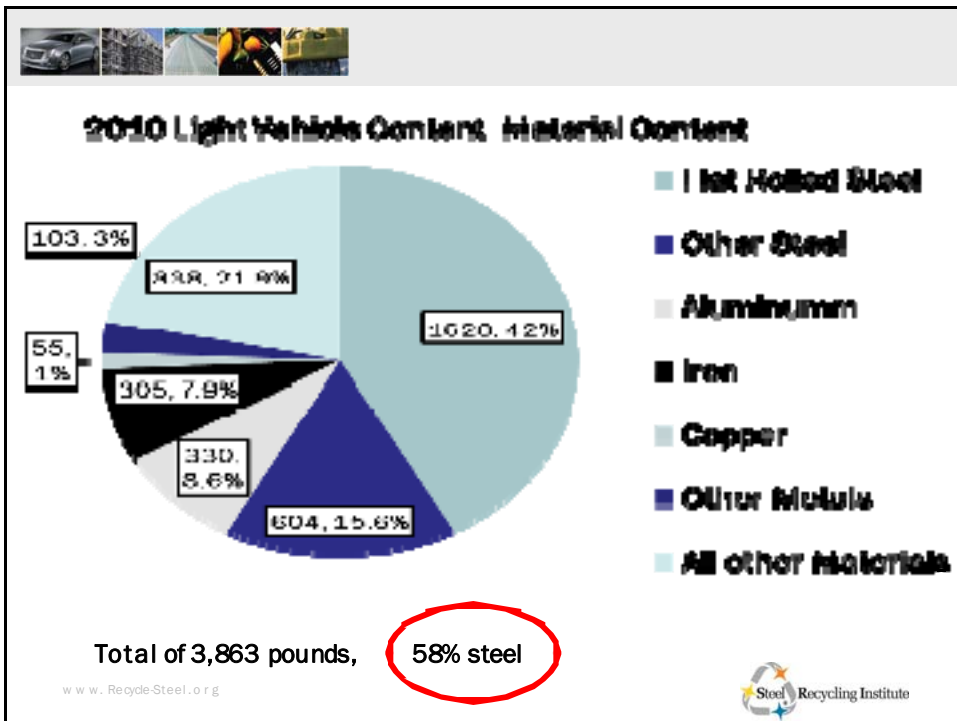
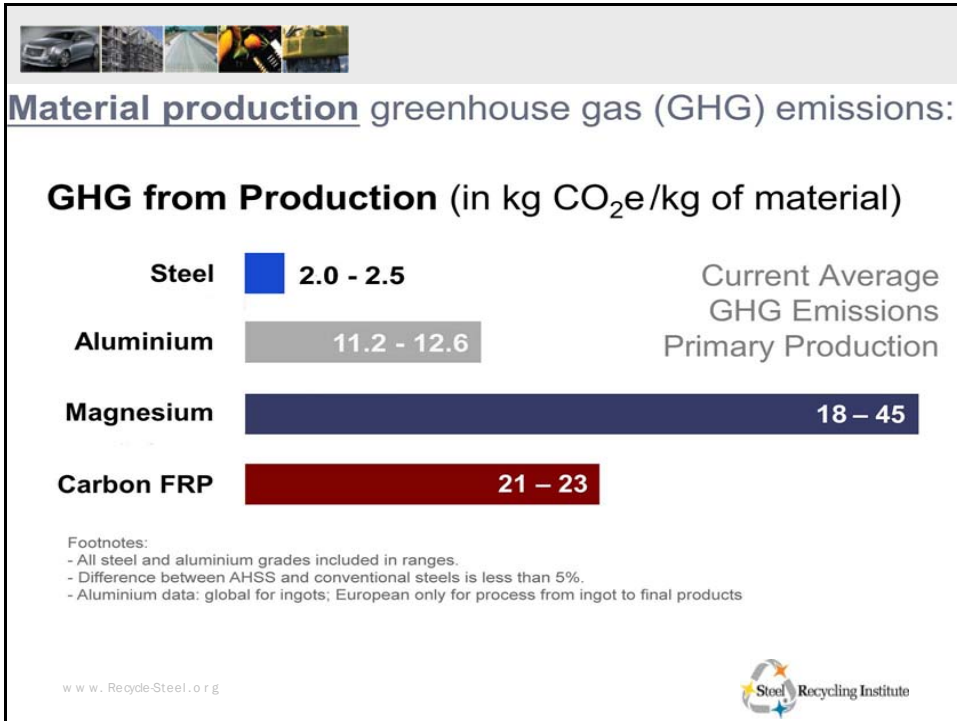
No matter, the vehicle you drive...




It is the **steel** in that vehicle that keeps you safe and secure

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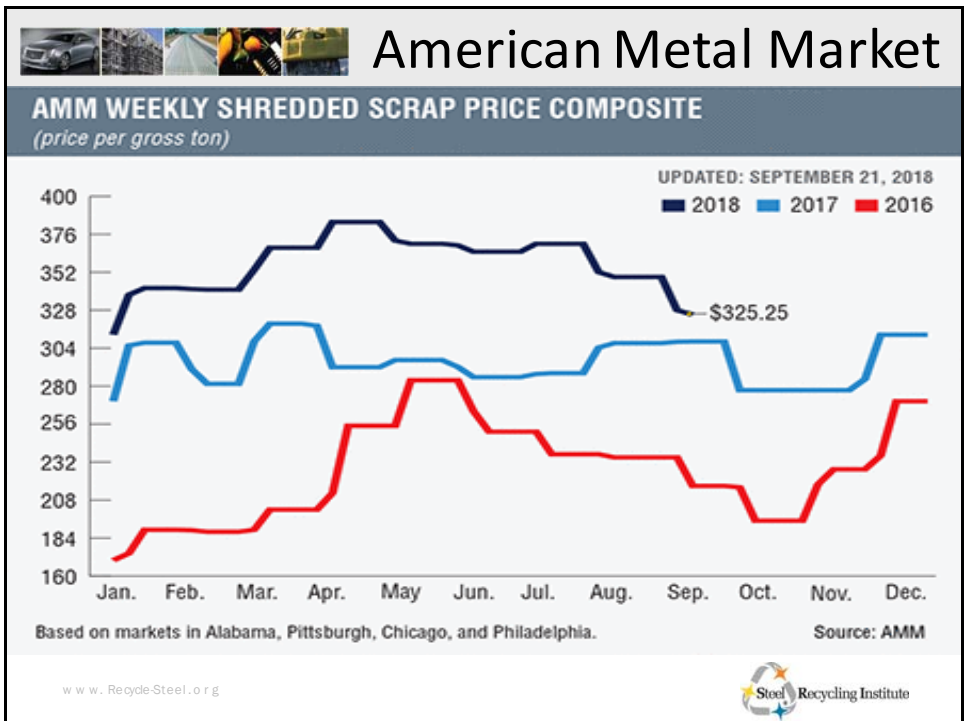
APPLIANCE RECYCLING

A typical appliance is produced using about 65 percent steel which is the primary reason nearly 90 percent of discarded appliances are recycled each year.
The steel content drives the recycling of appliances!

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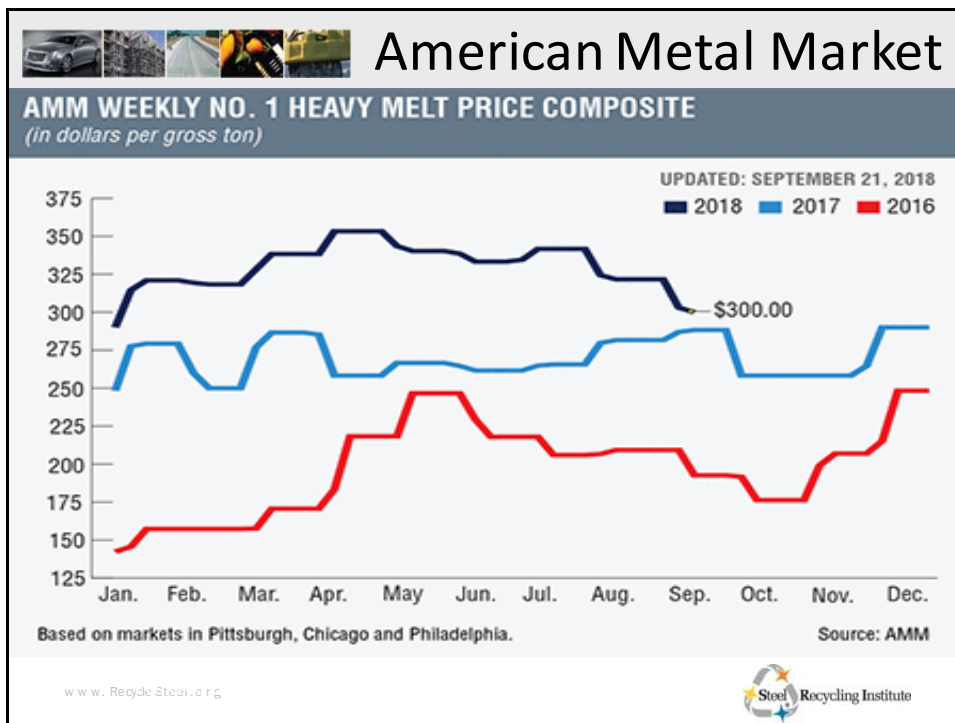


Structural recycling rate steady for last 10 years!






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The Strength and Sustainability of Today's Steel

Willis Tower, Chicago, IL



www.Recycle-Steel.org

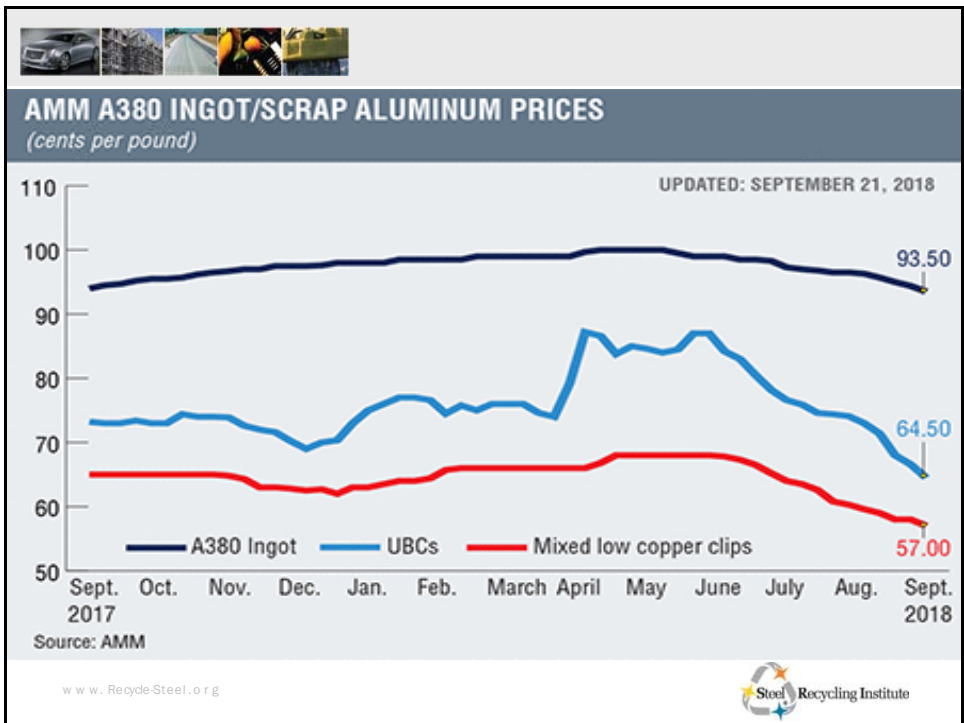
Then (1972)

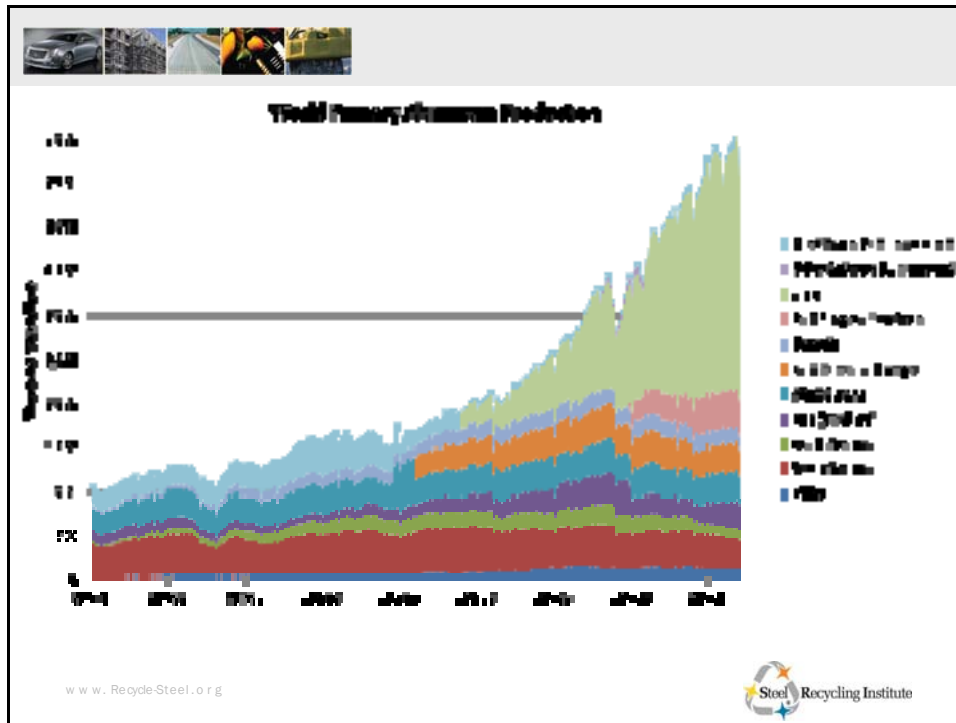
- Sears Tower
- 76,000 tons of steel
- 20% recycled content (est)

Now (2013)

- Willis Tower (second tallest in hemisphere)
- 60,000 tons of steel (strength)
- 90% recycled content (for structural steel)
- 43,000 automobiles
- 7,000 tons of steel cans from curbside-drop off
- 10,000 tons of industrial scrap
- 876,000 fewer man-hours
- 58% smaller carbon footprint
- 74% less embodied energy







Ferrous Scrap Dealers

- Years of steel recycling experience
- Convenient locations
- Container and transportation capabilities
- Complete processing equipment
- Strong relationships with end markets
- Look for additional consolidation/vertical integration

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