

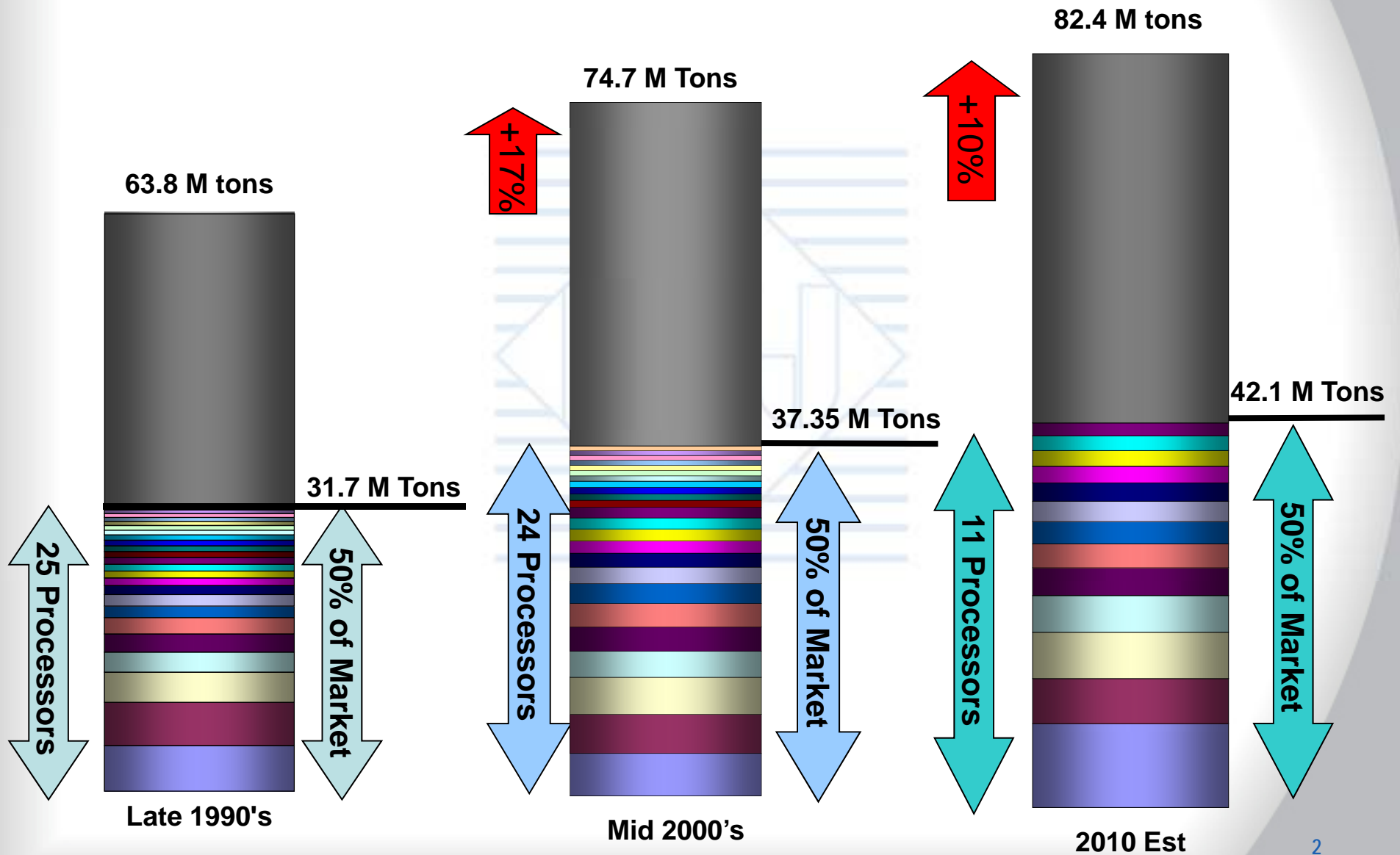
# AMM

## Scrap & Scrap Substitutes Conference



Presented by: David D. Hodory  
The David J. Joseph Company  
October 19<sup>th</sup>, 2010

# Consolidation jumped significantly in 2008 and continues today.

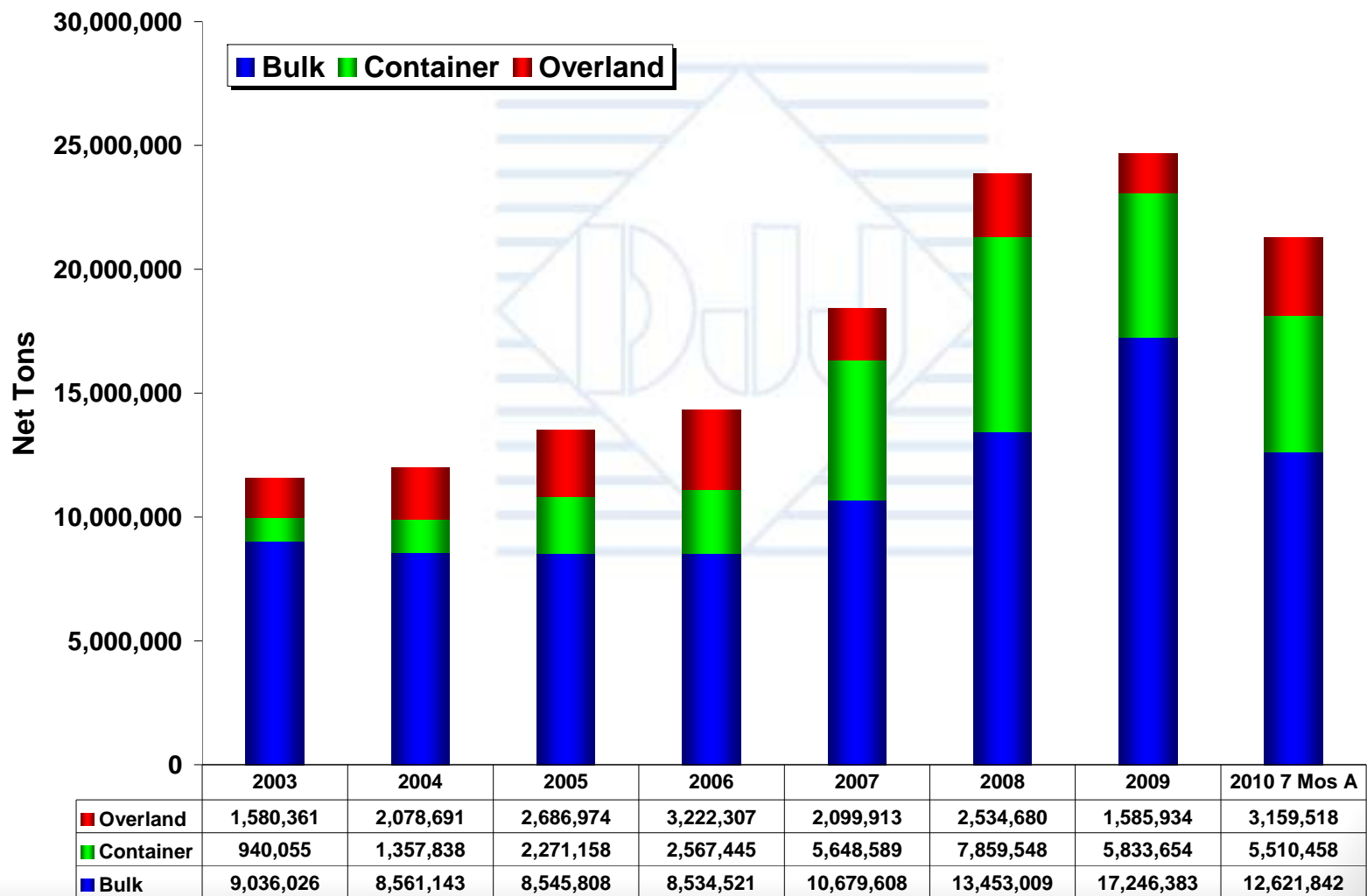


# Peddler traffic.



Scrap exports in containers has grown 5 fold since 2003, at an annual growth rate of 29%.

### U.S. Scrap Exports Container, Bulk, Overland



2009 U.S. scrap exports reached a record high. At current run rate, 2010 exports will be less than 2008 and 2009, but still third highest on record.

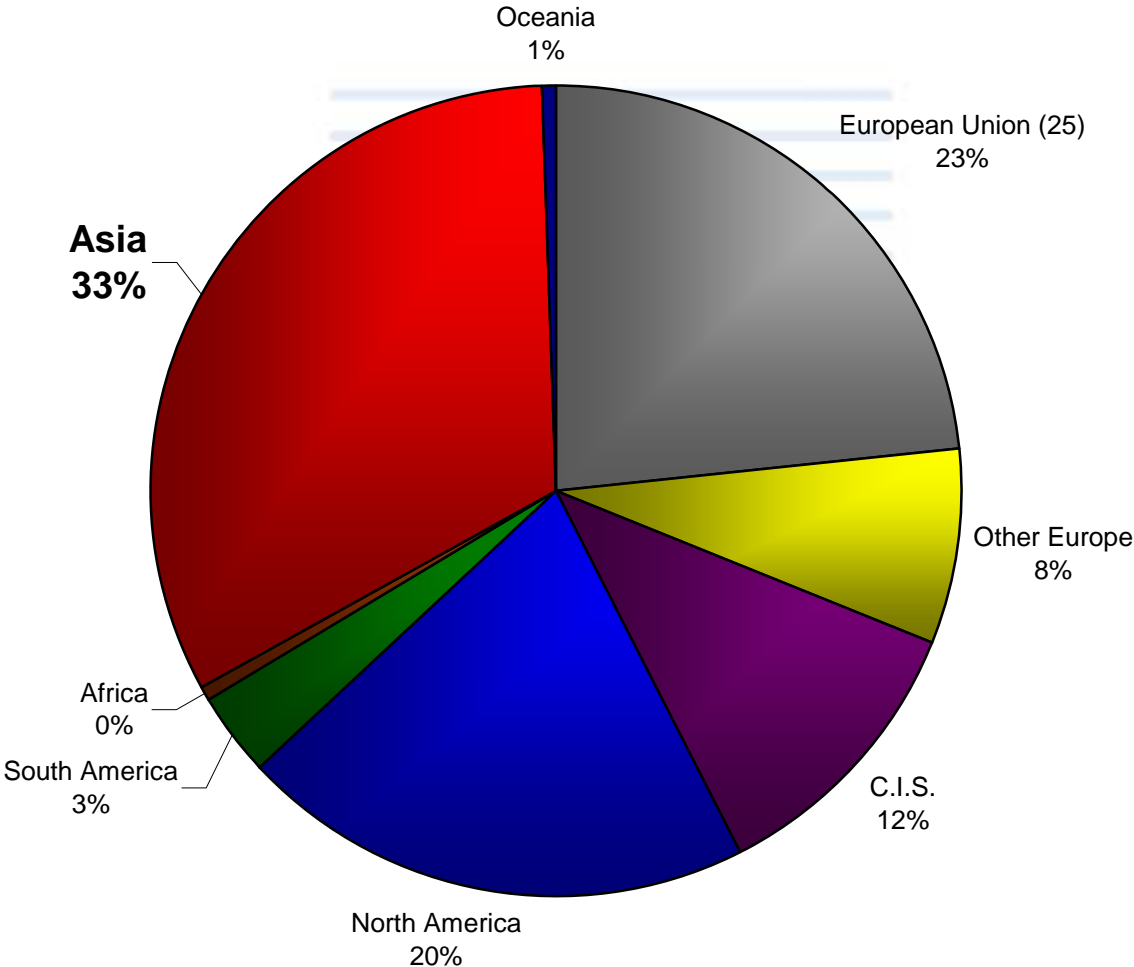


Source: U.S. Dept. of Commerce, Census

scrap exports

# Surging economies – especially China and India – have resulted in a shift in global scrap consumption.

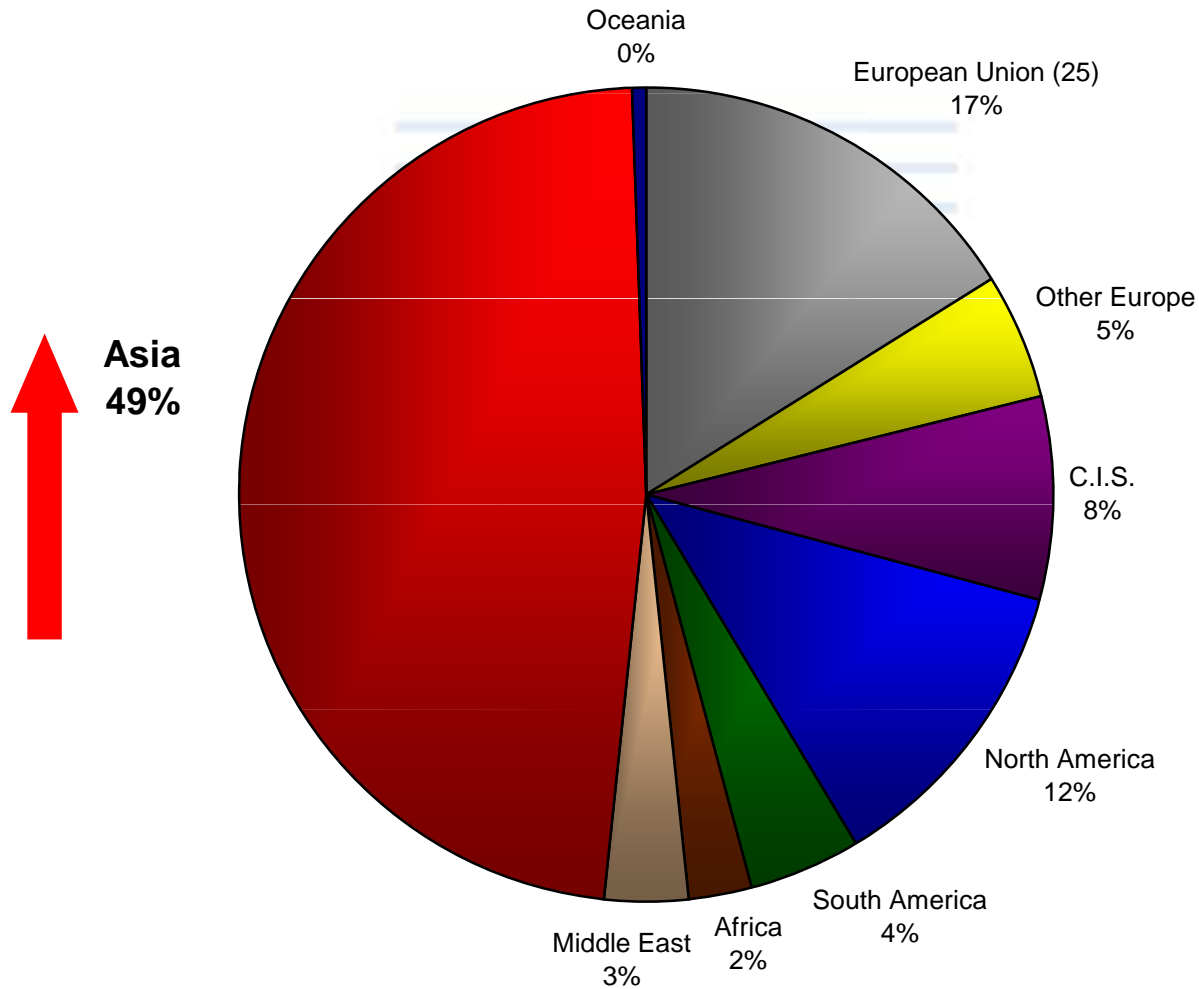
2000



Source: WorldSteel

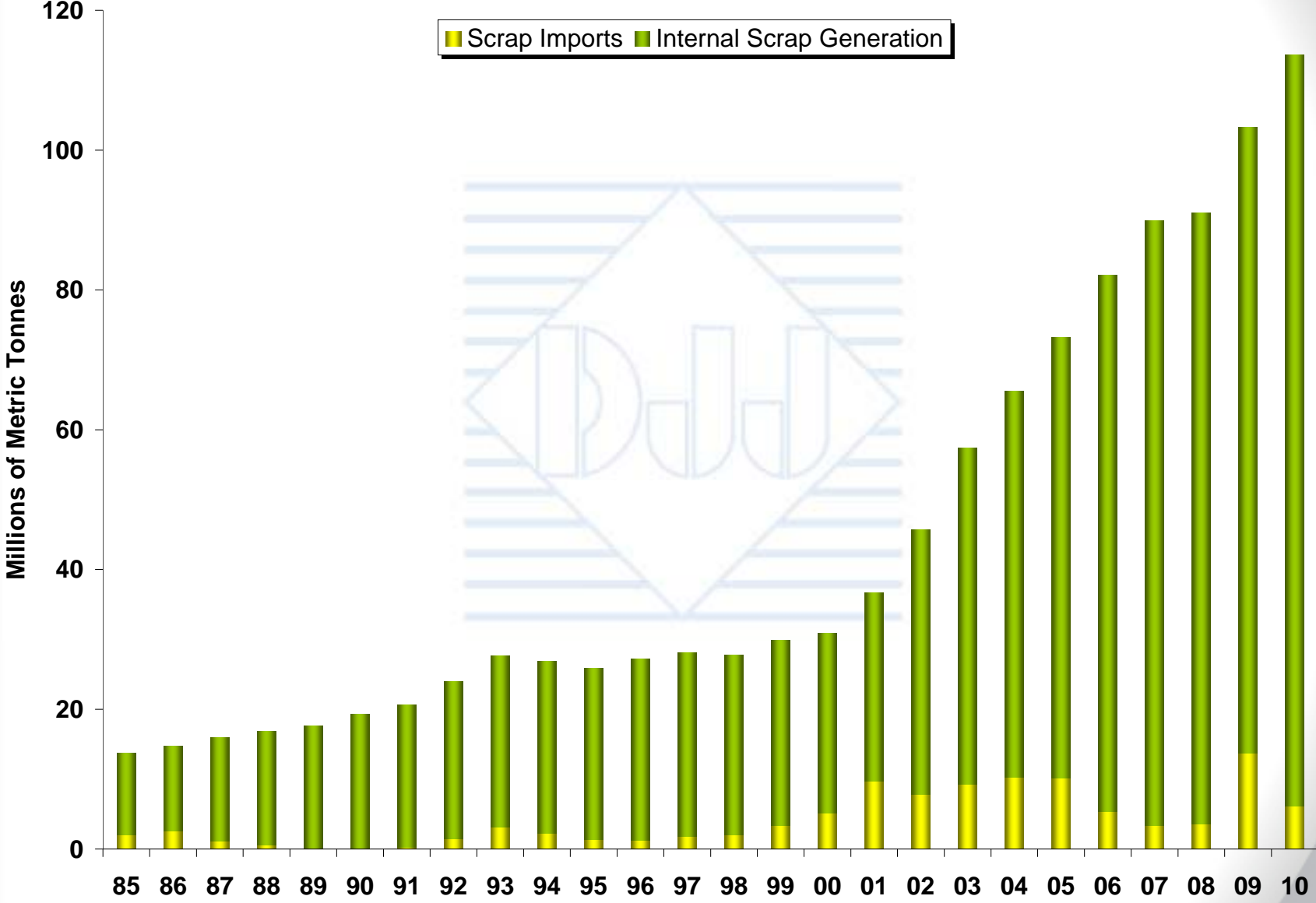
# ...and global scrap consumption in 2009.

2009



Source: WorldSteel

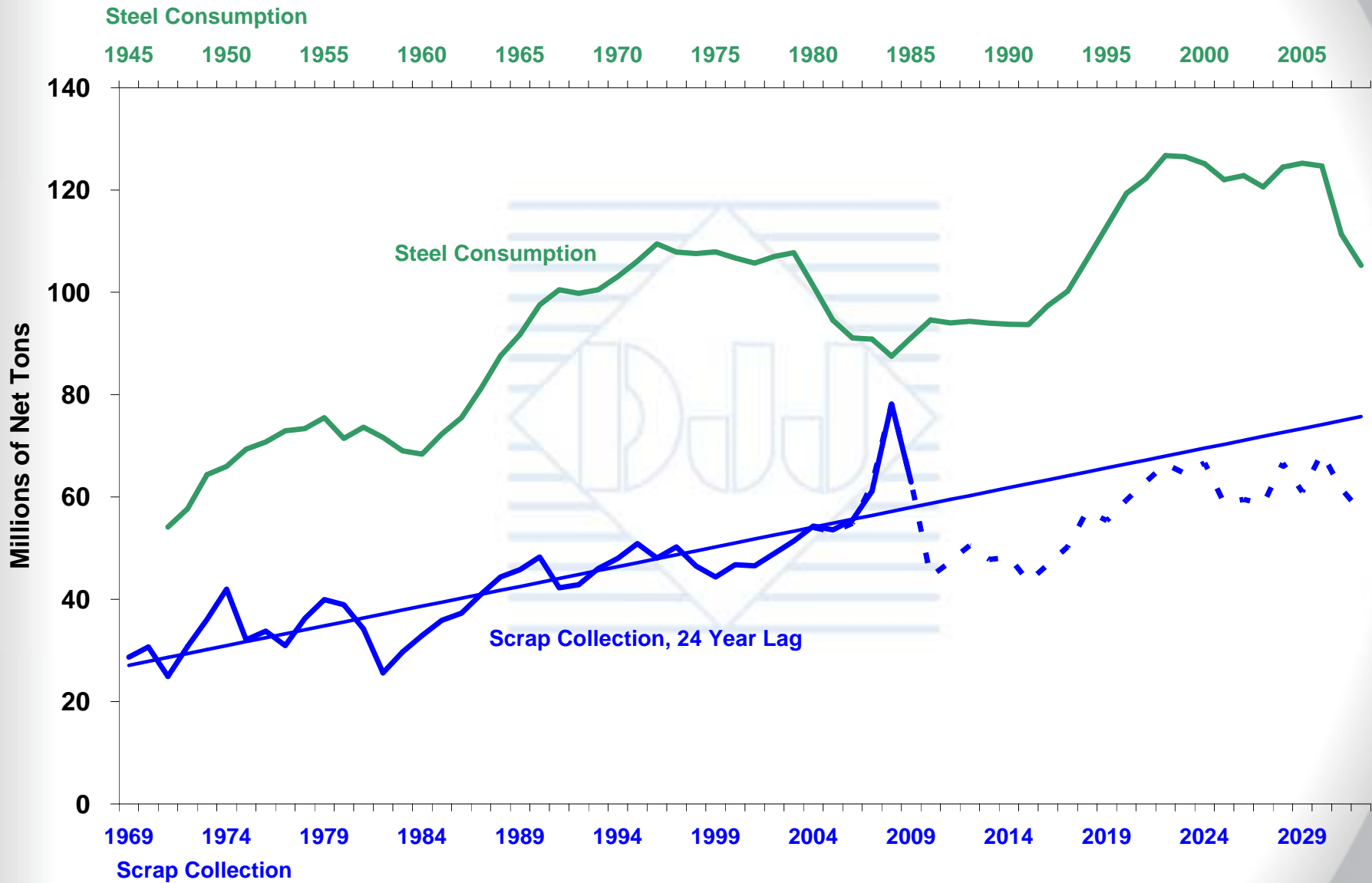
# Estimated Scrap Requirements China



Source: World Steel Association. DJJ estimates

china - scrap imports, internal gen

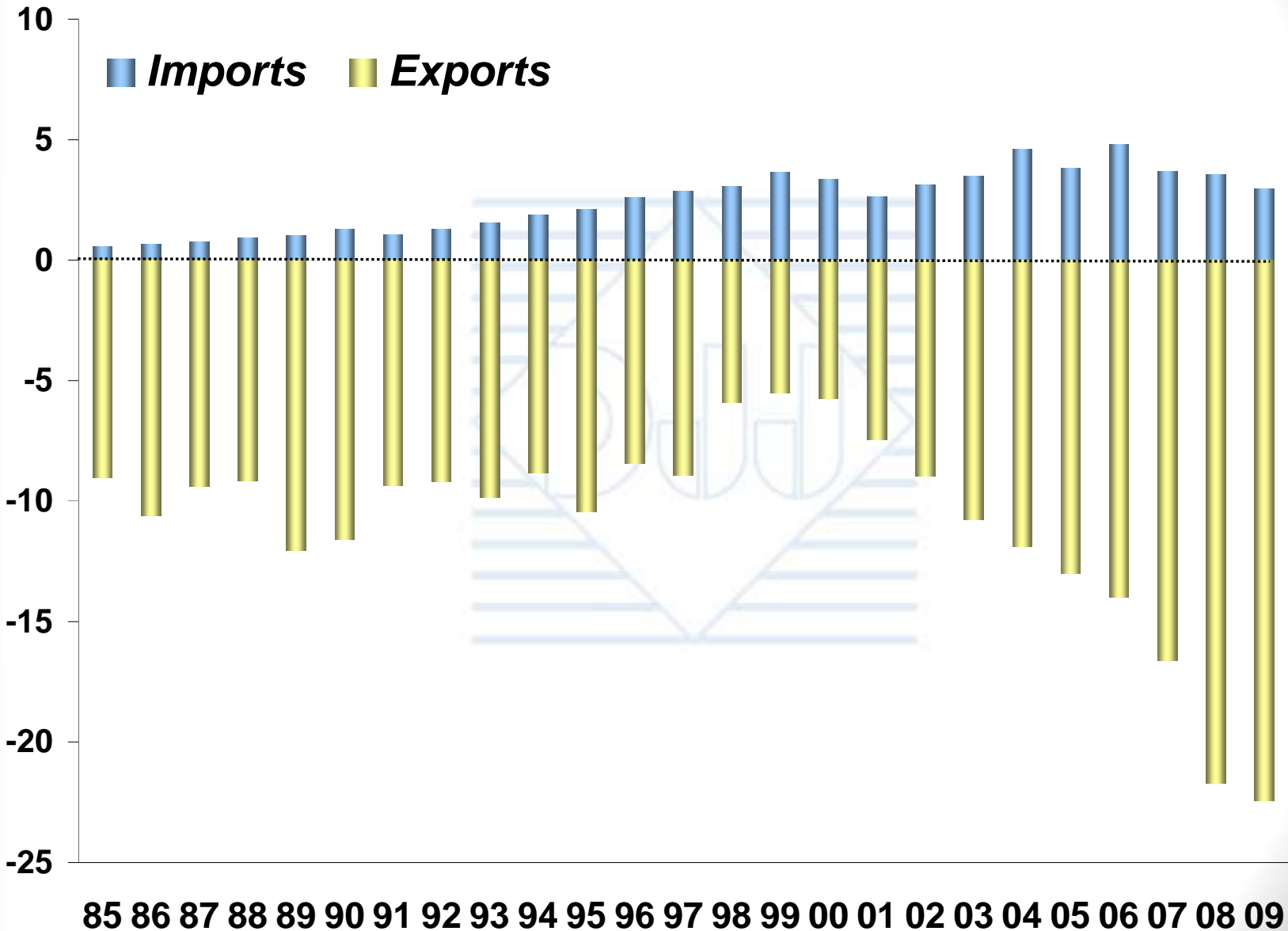
# U.S. Steel Consumption (5 YMA) and Obsolete Scrap Collection



Source: Steelfacts, including AISI; Dept. of Interior, USGS

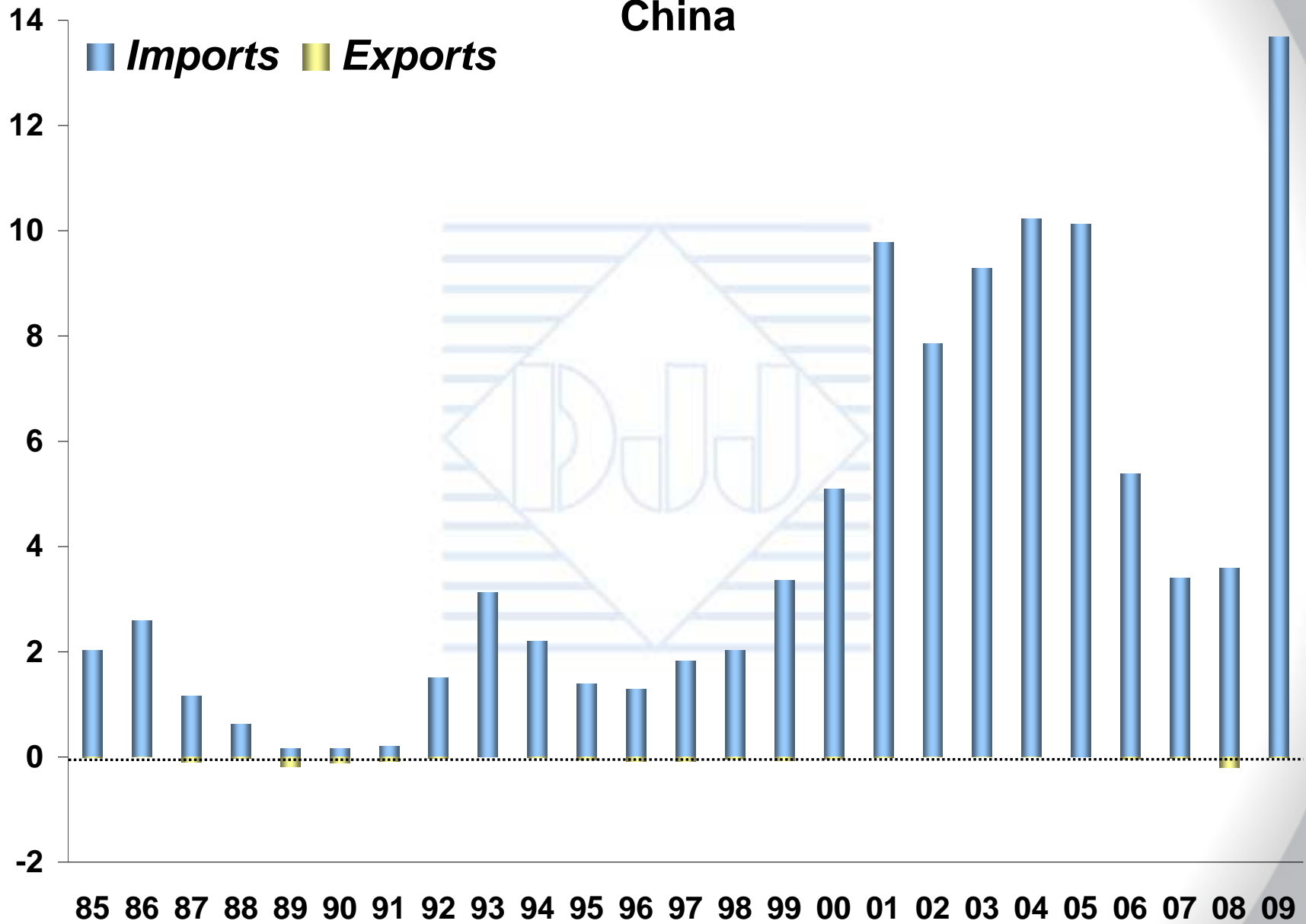
Scrap collection 24 yrs

# Scrap Imports-Exports USA

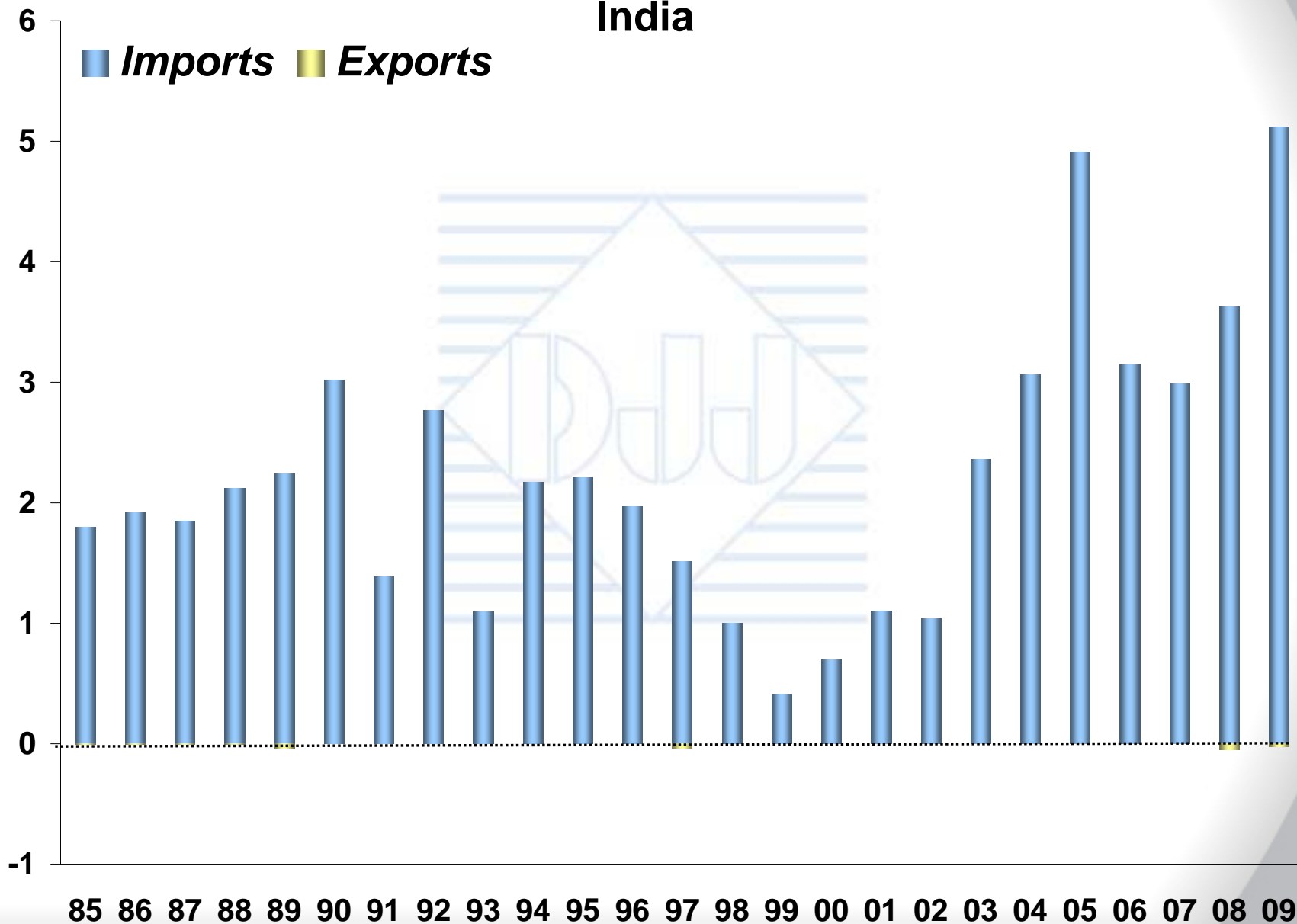


Source: World Steel Association

# Scrap Imports-Exports China

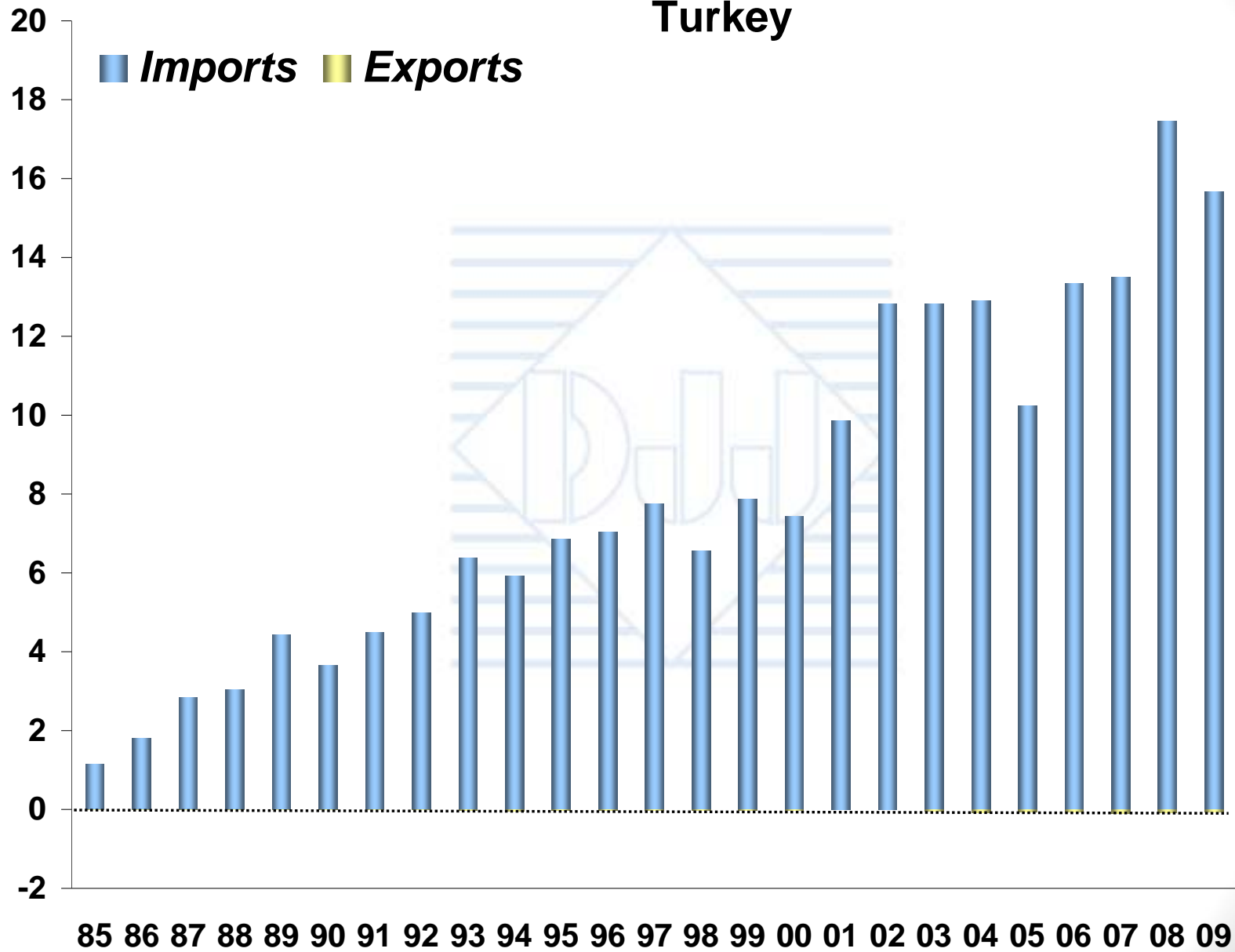


# Scrap Imports-Exports India

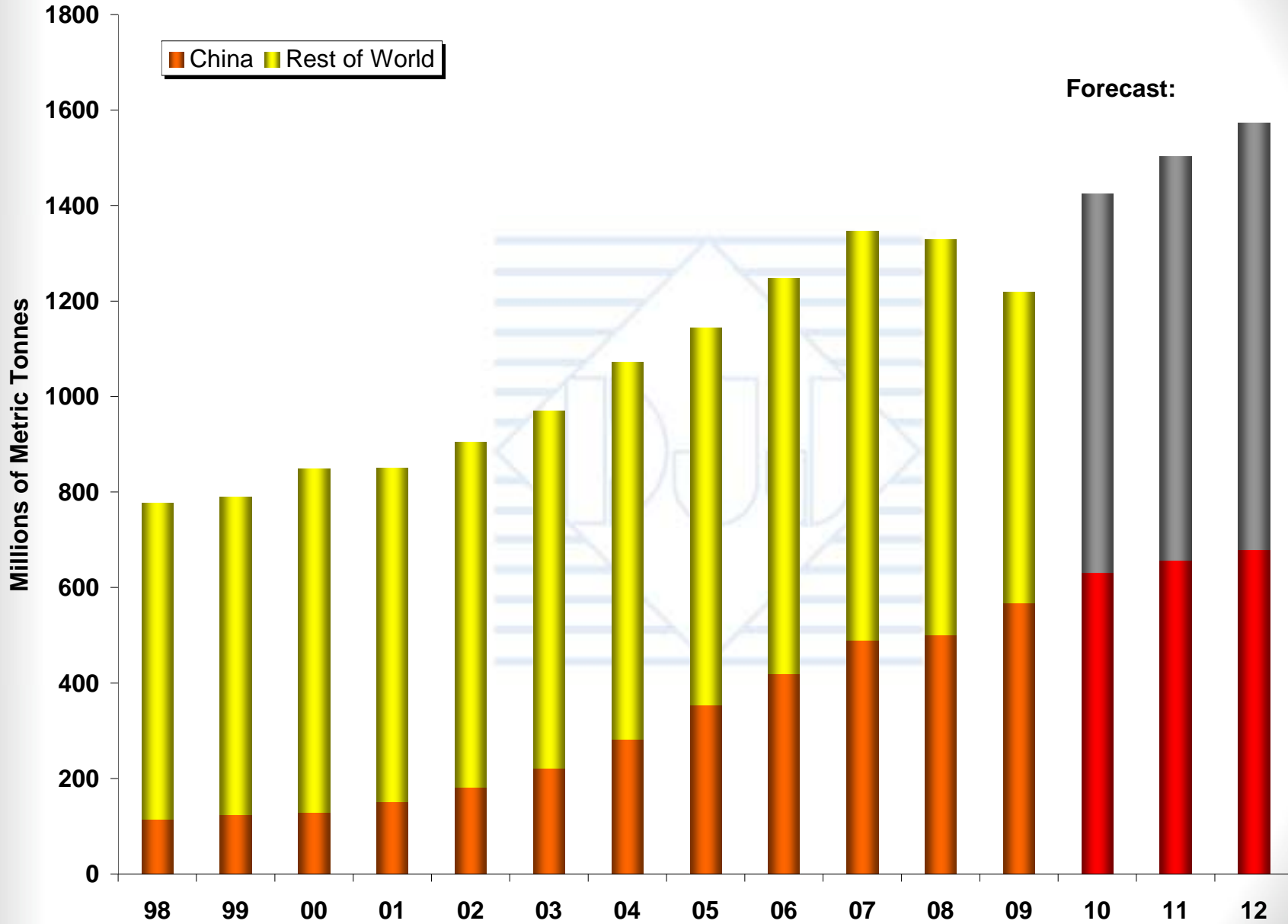


Source: World Steel Association

# Scrap Imports-Exports Turkey



# World Steel Production



# China - Raw Steel Production By Electric Furnace Mills



Source: World Steel Association

steel production - eaf China

