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Institute of Scrap Recycling Industries, Inc.

U.S. Scrap Market Analysis After the Crisis

Presented at the China International Recycling
Conference 2010

As a quick reminder

- ISRI is the US based trade association
 - 1,550 member companies that operate...
 - 7,000 factories worldwide / 5,000 in North
 America

Manufacture, broker & consume scrap metals, paper, plastics, glass, textiles, electronics and rubber.



Overview: 2008 versus 2009

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	2008	2009
Total Processed (million metric tons)	150	125
Value of Materials Processed (Billion US\$)	86	54
Total Exported (million metric tons)	46	44
Value of Materials Exported (Billion US\$)	28.6	21.4
Number of Countries Scrap Exported to	153	154
Amount Exported to China (Billion US\$)	7.4	6.9
Amount Exported to Switzerland (Billion US\$)	1.7	3.3

Industrial Commodities Processed 2009

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- 71 million tons of iron and steel
- 4.6 million tons of aluminum
- 1.7 million tons of copper
- 1.3 million tons of lead
- 45. 4 million tons of paper

Industrial Commodities Exported 2009

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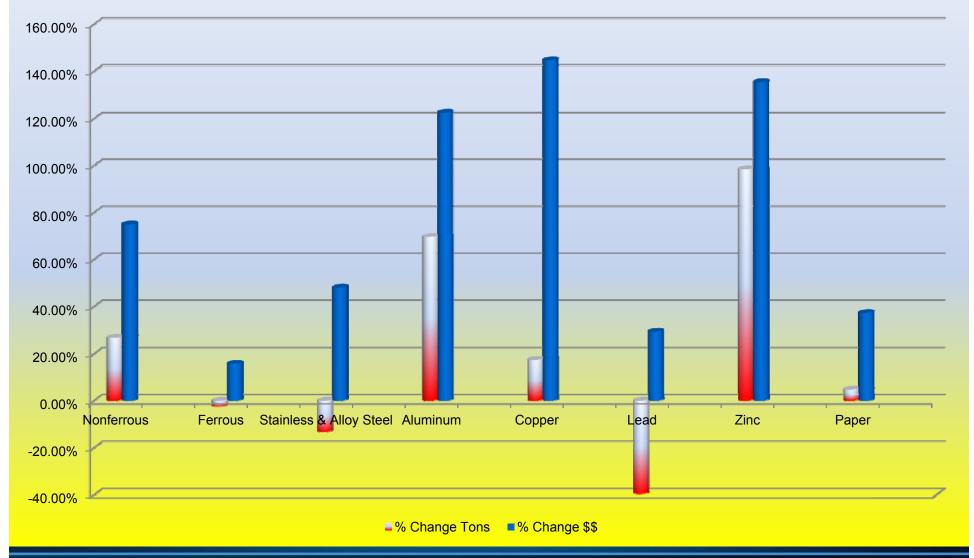
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- 20 million tons of iron and steel
- 1.7 million tons of aluminum
- .84 million tons of copper
- .14 million tons of lead
- 19.1 million tons of paper

2009/2010 Exports through February: Changes in Tonnes & US\$

	Volume					
	In metric tons			Actual US Dollars		
	2009 YTD	2010 YTD	% Change Tons	2009 YTD	2010 YTD	% Change \$\$
Nonferrous	463,328	587,776	26.86%	\$1,403,580,414	\$2,456,669,858	75.00%
Ferrous	2,604,140	2,541,517	-2.40%	\$949,266,403	\$1,099,575,770	15.83%
Stainless & Alloy Steel	330,448	286,985	-13.15%	\$200,162,374	\$296,409,658	48.05%
Aluminum	166,396	282,228	69.60%	\$193,040,178	\$429,615,604	122.60%
Copper	117,865	138,486	17.50%	\$183,912,013	\$450,190,686	144.80%
Lead	21,296	12,914	-39.40%	6,850,814	8,874,790	29.50%
Zinc	4,825	9,577	98.50%	4,737,522	11,151,144	135.40%
Paper		3,053,327	4.80%	\$364,374,145	\$500,156,534	37.30%

Percent Changes: Tons v. Dollars 2009-2010



SO, WHAT'S GOING ON?

And what you should be thinking about...

- The US economy
- The politics of America
- Scrap availability



ISRI International Issues for 2010

- Environment, Health & Safety, and Quality
- Trade Regulations that Impede the Flow of Recyclables
- Design for Recycling®
- Ocean Transport





Recycling Industry Operating Standard TM

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RIOS [™] is a voluntary, comprehensive environmental, health & safety, and quality management system that integrates the best aspects of ISO 14001, ISO 9001 & OSHA 18001.

The six components of RIOS cover general requirements, policy, planning, implementation, checking and corrective action, and management.

Quality

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ISRI Scrap Specifications provide an industry-wide, globally accepted set of descriptions and guidelines for industry grade scrap commodities.



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Scrap Specifications Circular









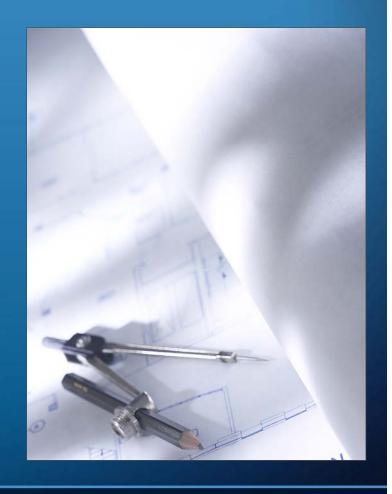
Guidelines for Nonferrous Scrap + Ferrous Scrap + Glass Cullet. Paper Stock • Plastic Scrap • Electronics Scrap • Tire Scrap

EFFECTIVE 10/22/09



Design for Recycling®

Developed in the early 1980's, DFR® is a <u>voluntary</u> program that encourages manufacturers to consider the end-of-life issues of their products at the design stage.



For more information:
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THANK YOU!



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