Agricultural and Construction Equipment 2012 Outlook

Federal Reserve Bank of Chicago

2012 Outlook Symposium Friday, December 2, 2011

Manfredi & Associates, Inc. www.manfredi.com

Agenda

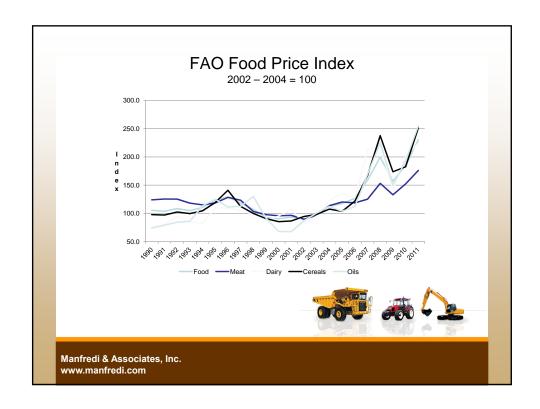
- Agricultural Machinery
 - Current Situation
 - Demand Factors
 - 2012 Outlook
- · Construction and Mining Machinery
 - Current Situation
 - Demand Factors
 - 2012 Outlook
- Overseas Markets
- · Questions and Comments

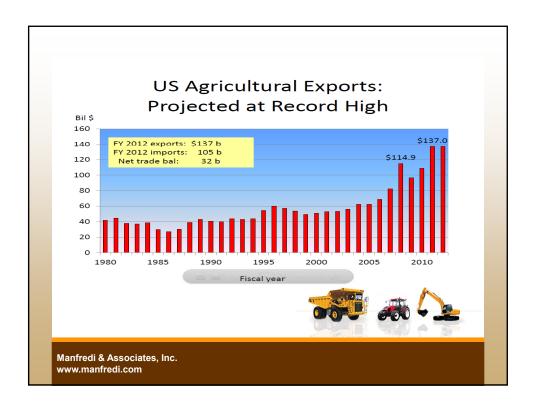


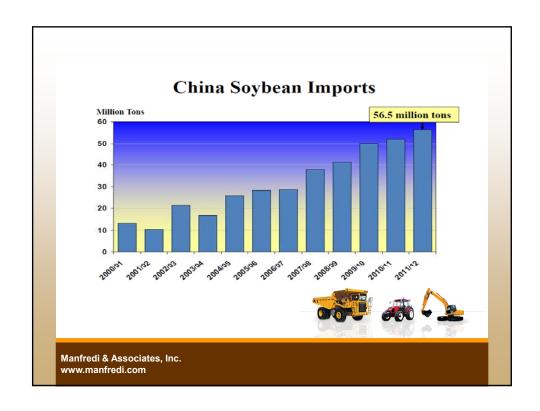
Agricultural Equipment Markets Current Situation

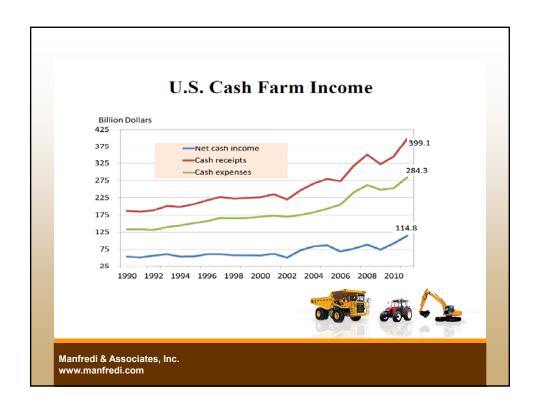
- · Life Is Good
- Commodity Prices Remain At High Level
- Government Direct Payments Slowing
- Ethanol Will Use 30% Of Corn Crop
- Land Prices Continue Up
- Farmers Balance Sheet Couldn't Be Better

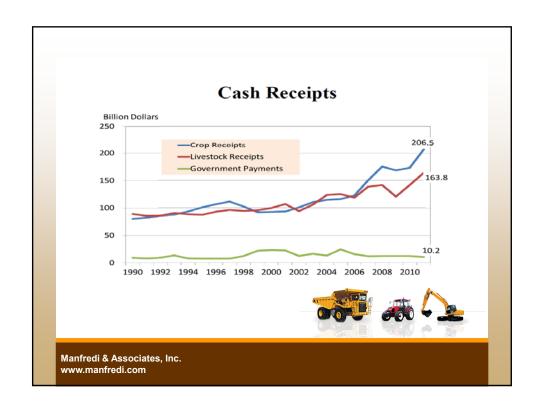


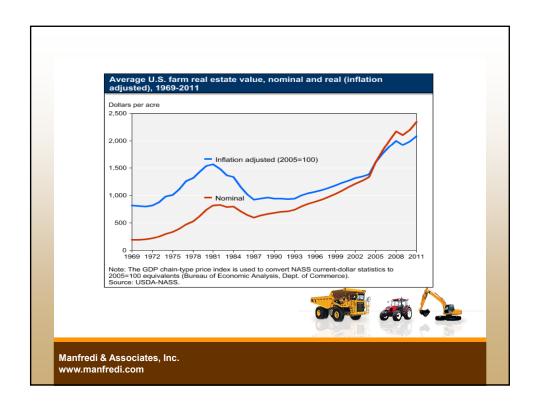


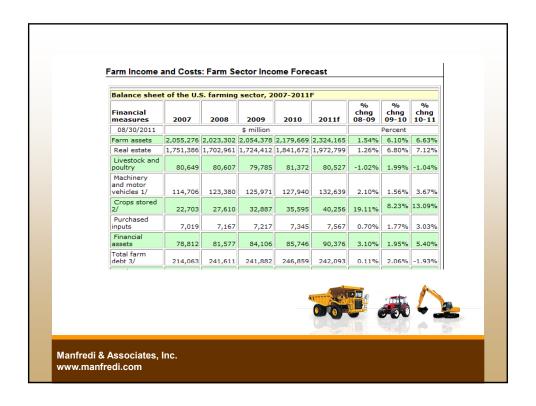


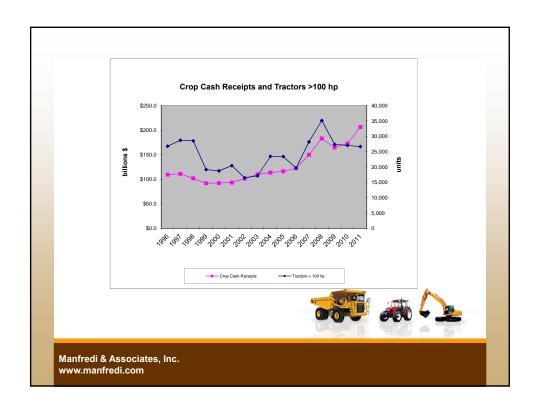


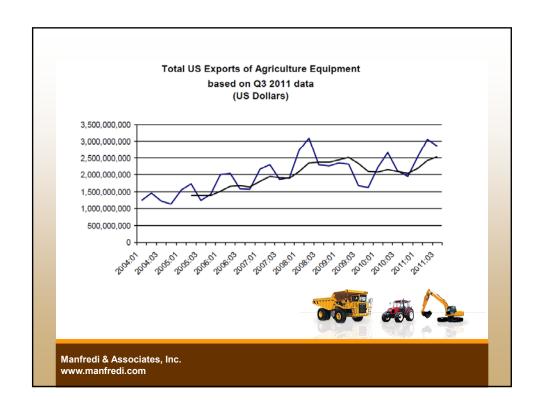


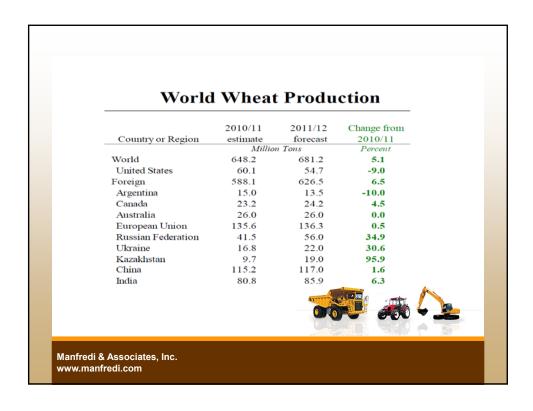


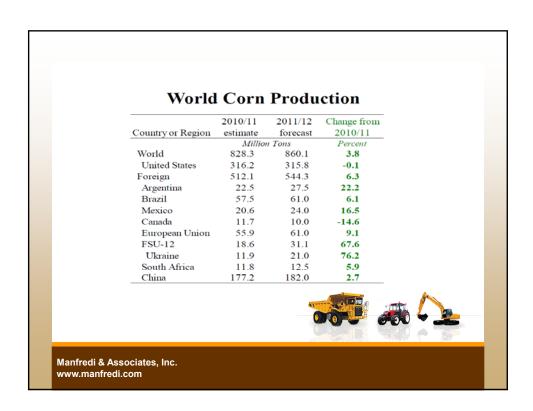


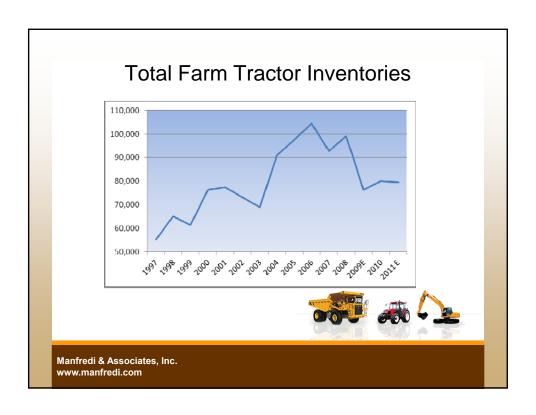


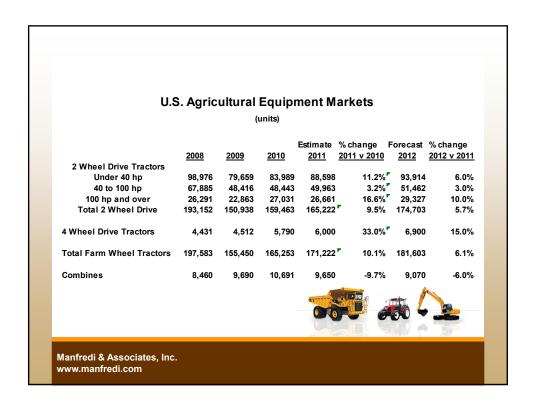












Construction And Mining Machinery Markets

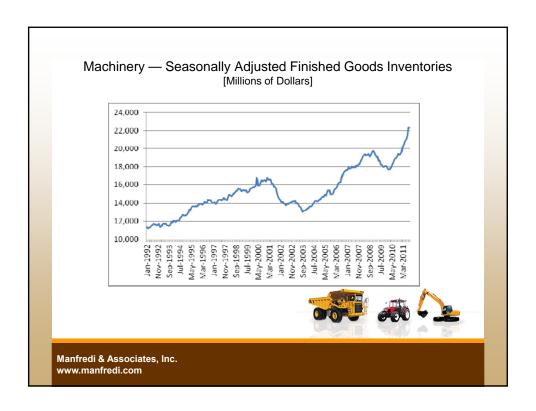


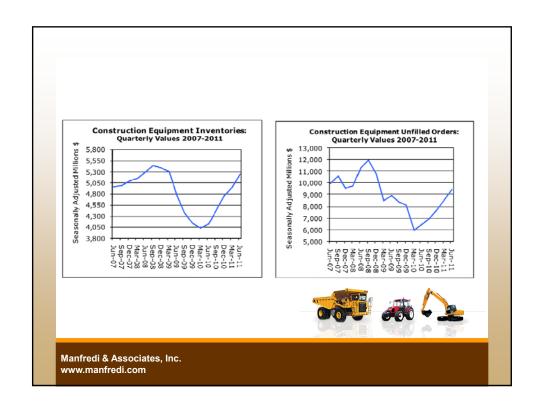
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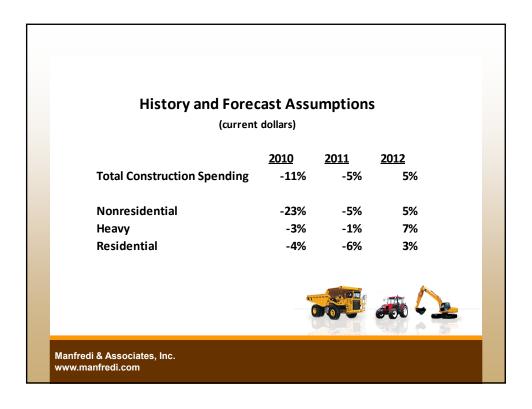
Construction and Mining Machinery Current Situation

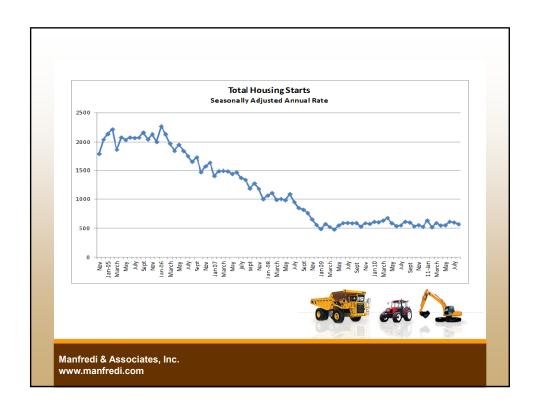
- · Housing starts at historic lows, slow improvement
- Non-residential markets bottomed, slow growth
- Heavy publicly funded projects up slightly
- · Mining orders extremely strong
- Commodity prices down slightly, but won't deter investments
- Rental companies buying heavily
- Highway legislation extended, to be flat to down slightly

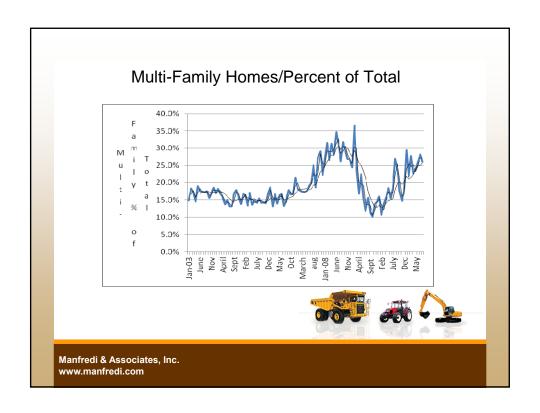


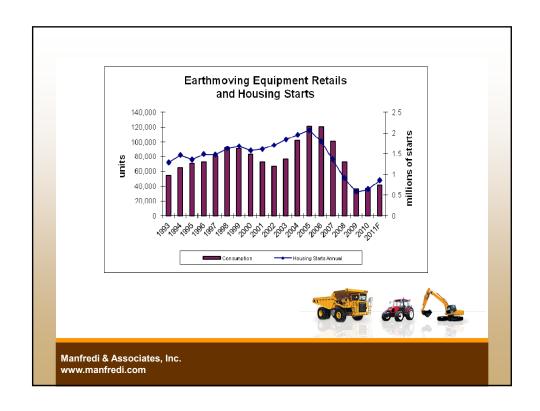


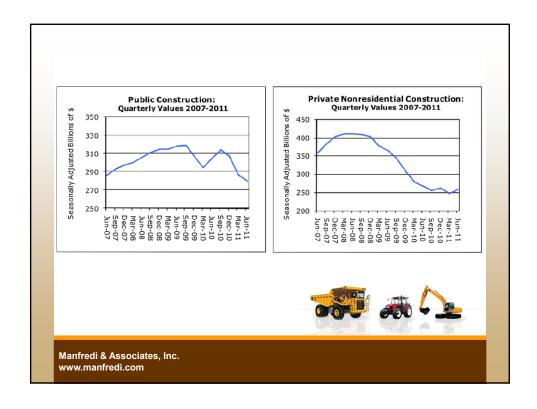


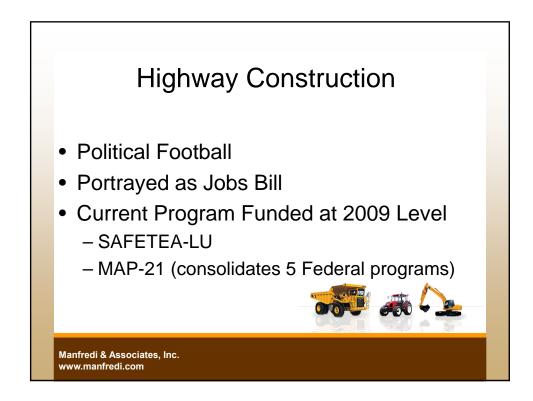


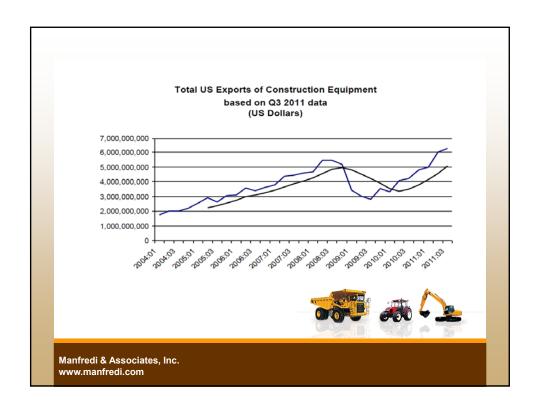


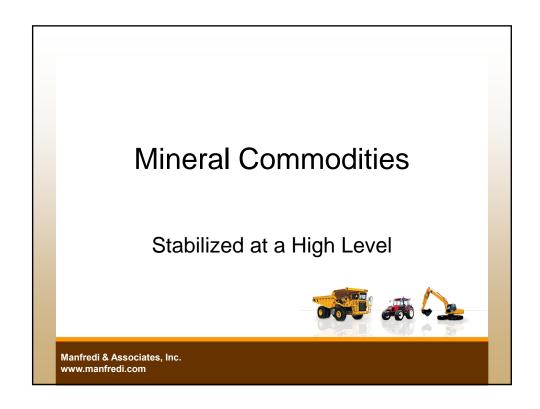


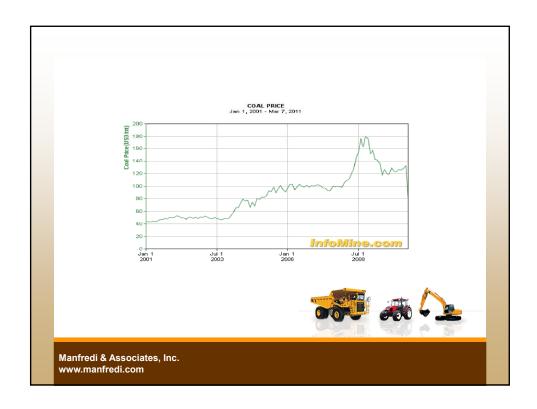


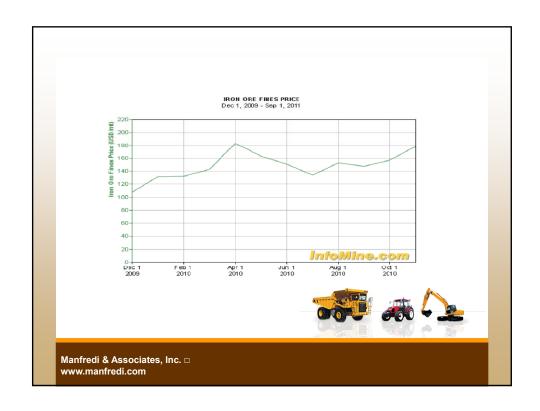


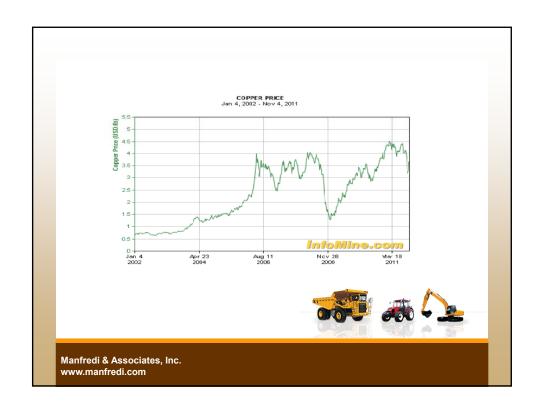


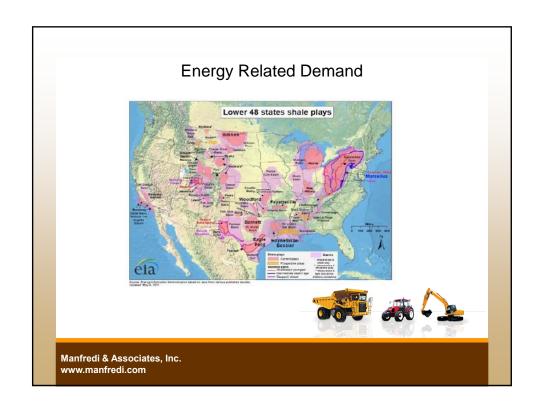


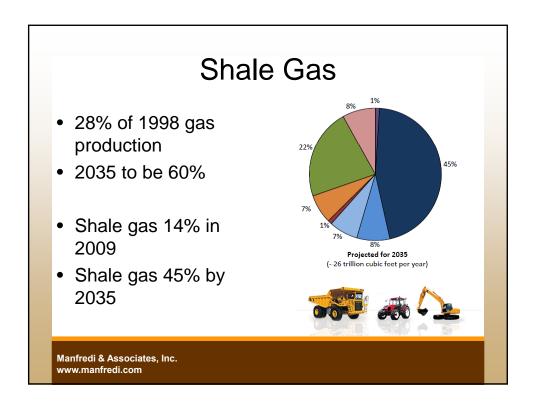








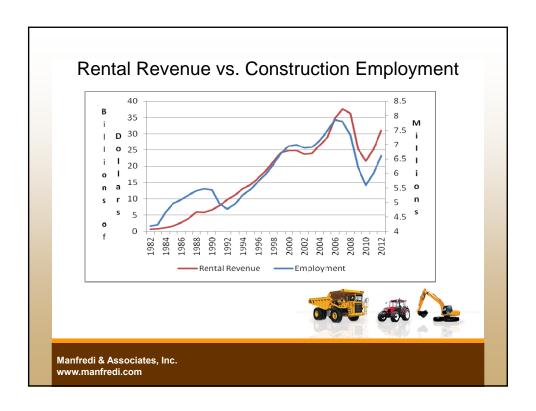


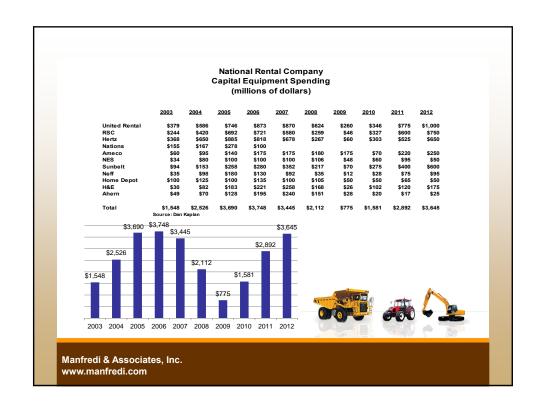


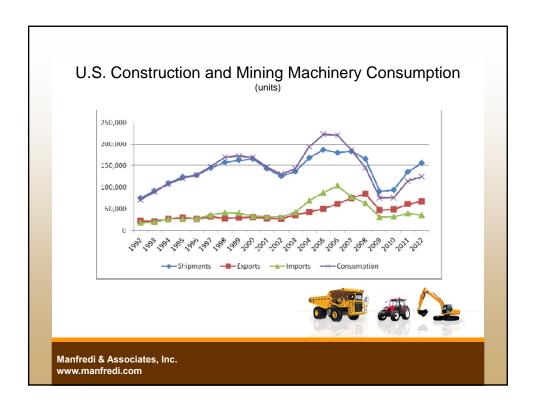
Rentals

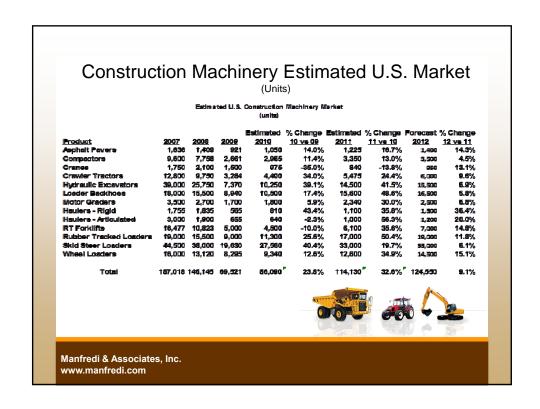
- Becoming more "normal" to rent
- Tier IV concerns will favor rent vs. buy
- Fleets getting larger
- Rental companies must deal with issue of higher residual value risk



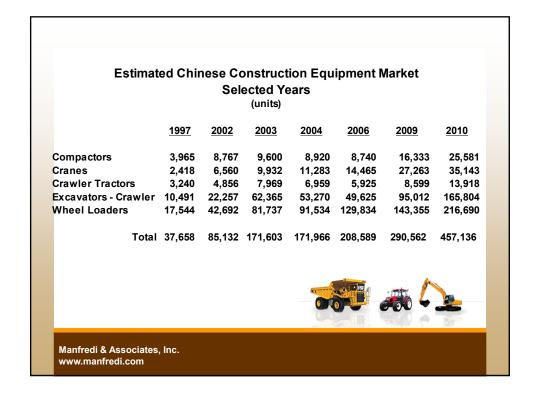














Beyond 2012

- World markets will split along emission regulation lines. Silo markets.
- Expect used equipment residual values to drop in North America.
- Rentals will become the main channel-to-market for many types of equipment.
- Electrics will become the new green.
- China will make an assault on North America that will be no more successful than the Japanese in the 1990s.

