Measuring the Impact of the BRIC Countries on Global Supply and Demand
The Dynamics of Global Food Production

Rising incomes boost the demand for protein and processed food.

Who Supplies the Food?

- Stage 1: Import Food to Satisfy Demand
- Stage 2: Expand Protein Production
  - Shrinks Meat Imports
  - Grain Imports Remain High
- Stage 3: Expand Crop Production
- Stage 4: Export Protein and Crops

After rising between 1970 and 1990, Brazil’s meat imports have shrunk significantly.
After rising, import’s share of meat consumption in Russia and China is starting to decline.
Can BRIC countries reach U.S. productivity standards?

Per Animal Meat Production in BRIC Countries

Calculations based on USDA data
Conclusions

- Rising incomes will boost BRIC protein consumption.
- How this demand is satisfied will depend on the stage of development?
  
  Brazil – a major agricultural competitor
  China – enhancing crop and livestock production
  Russia – building a livestock sector
  India – economic growth is needed

- While BRIC nations want more proteins and processed foods, the best export opportunities could be feed grains.
- Technology and water will determine the competitiveness of global agricultural systems.
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