

FAPRI 2006
WORLD OUTLOOK
Presentation



IOWA STATE UNIVERSITY

FAPRI

Food and Agricultural
Policy Research Institute

Presentation Outline

■ Drivers

- Macroeconomic
- Policy

■ Outlook Summary

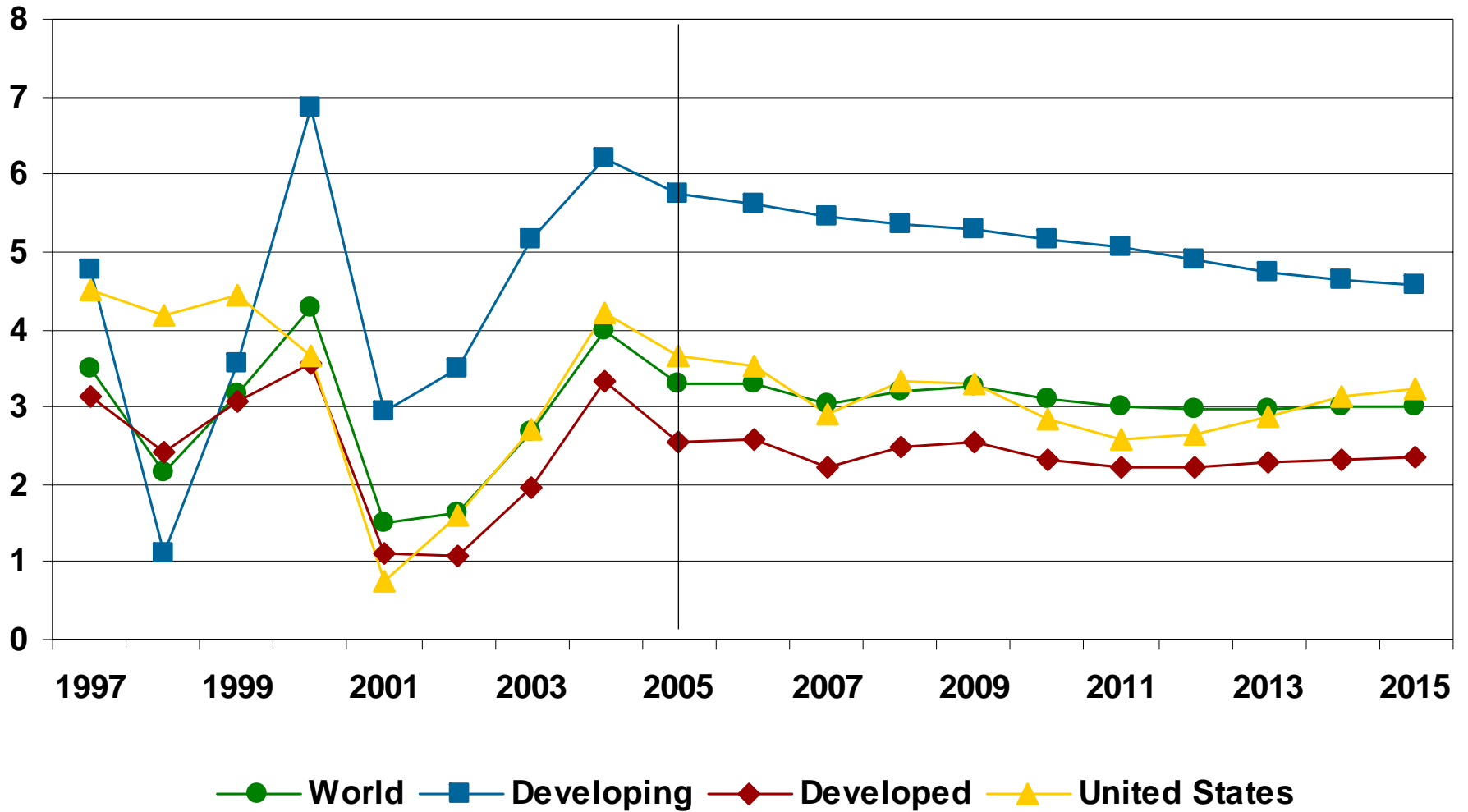
- Meat
- Dairy
- Feed Grains
- Oilseeds
- Food Grains
- Other Crops

FAPRI 2006 World Outlook

Global Macroeconomic Overview

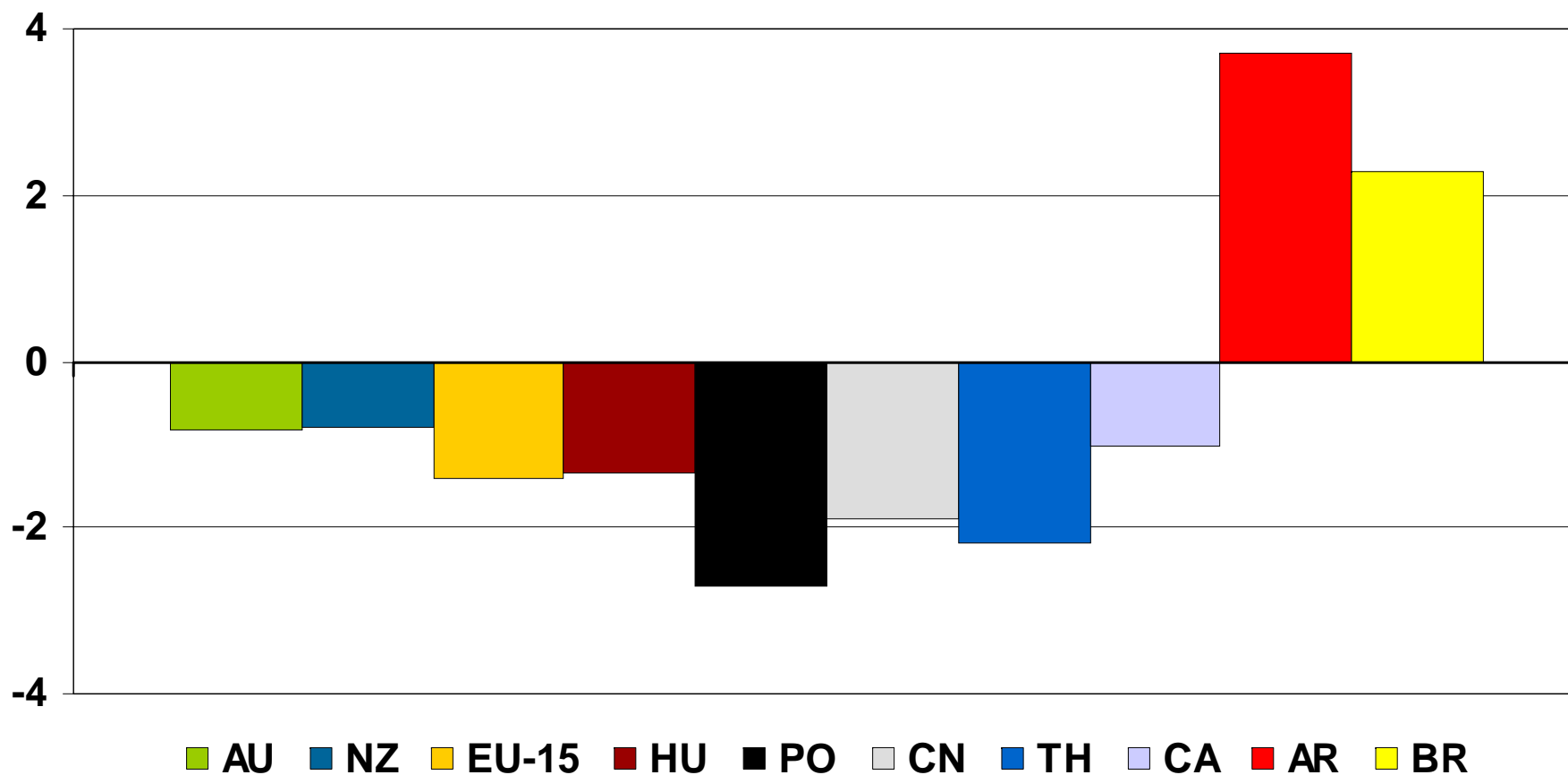
Real GDP Growth Rates

percent



Average Growth in Exchange Rate

percent



Policy and Other Assumptions

- EU CAP Reform and Enlargement
 - EU Sugar Reforms

- Full implementation of the URAA commitments for developed and developing countries

- SPS Assumption
 - Recovery from BSE (North America)
 - Impact of FMD in South America
 - Spread of AI

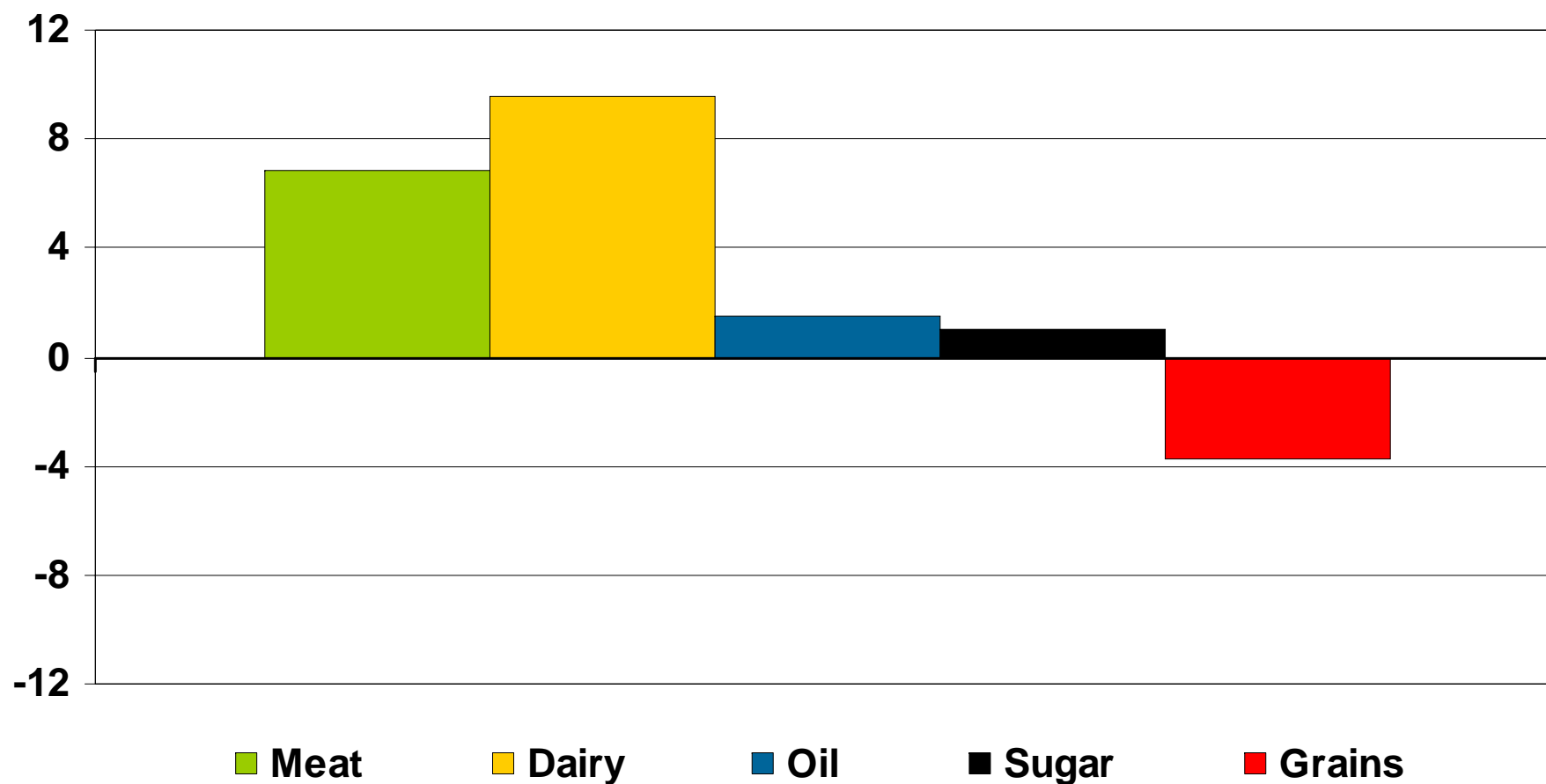
- Rising interest in renewable fuels
 - Mandatory 2% blend of biodiesel in 2008
 - EU's Renewable Fuels Directive of 2003

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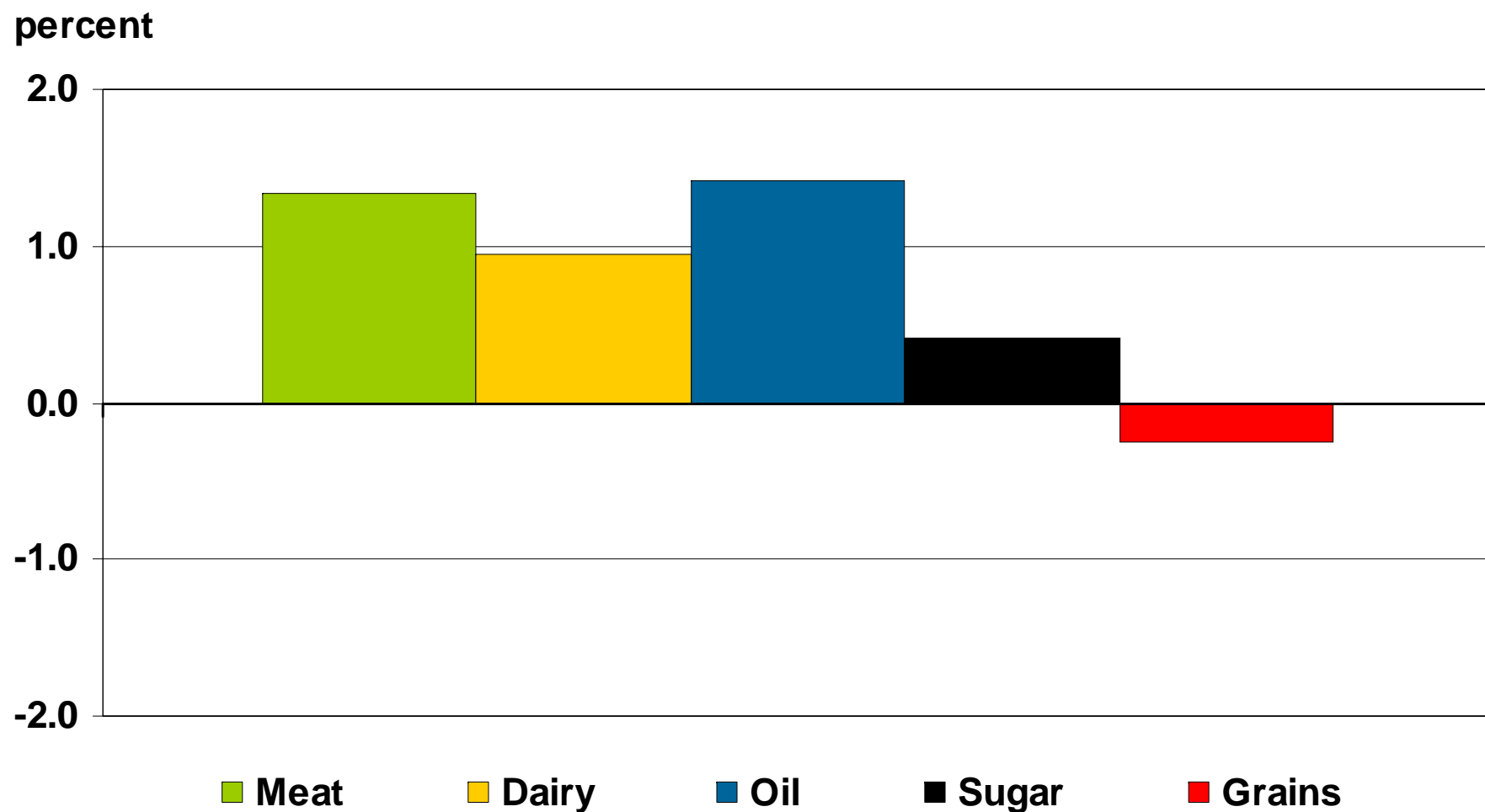
World Meat Outlook Overview

Change in Average Per Capita Consumption

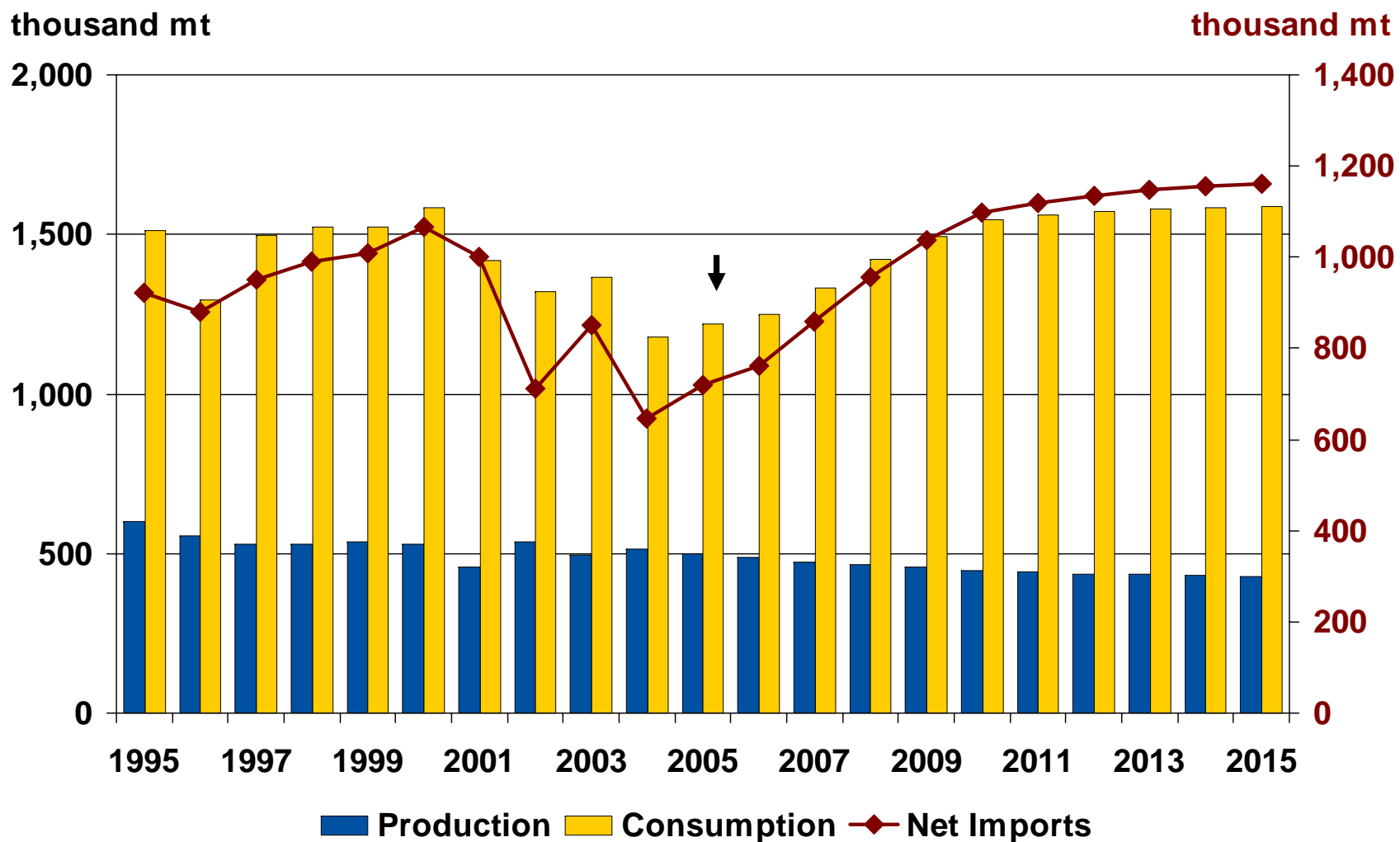
kg per person



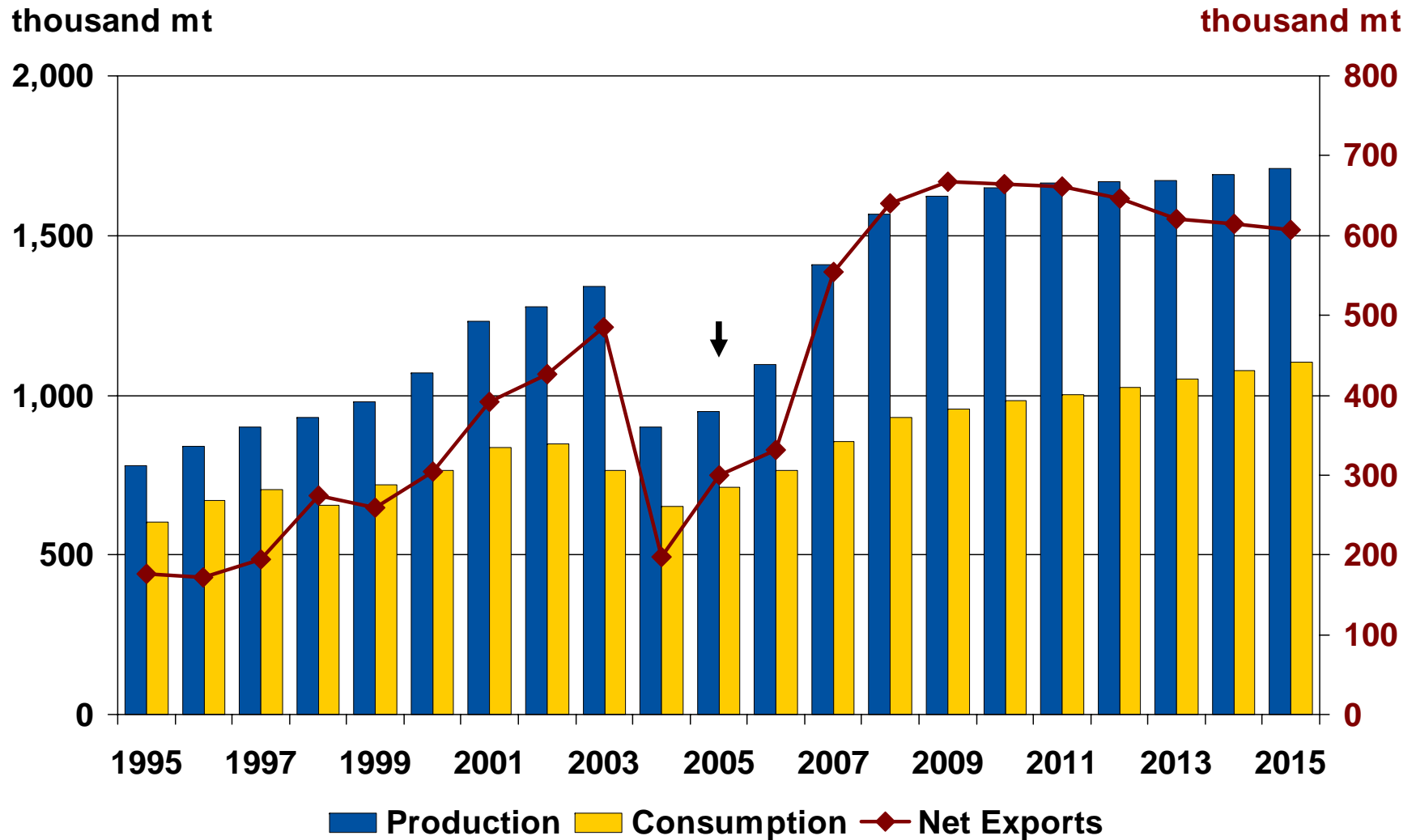
Change in Average Per Capita Consumption



Japanese Beef Supply and Utilization

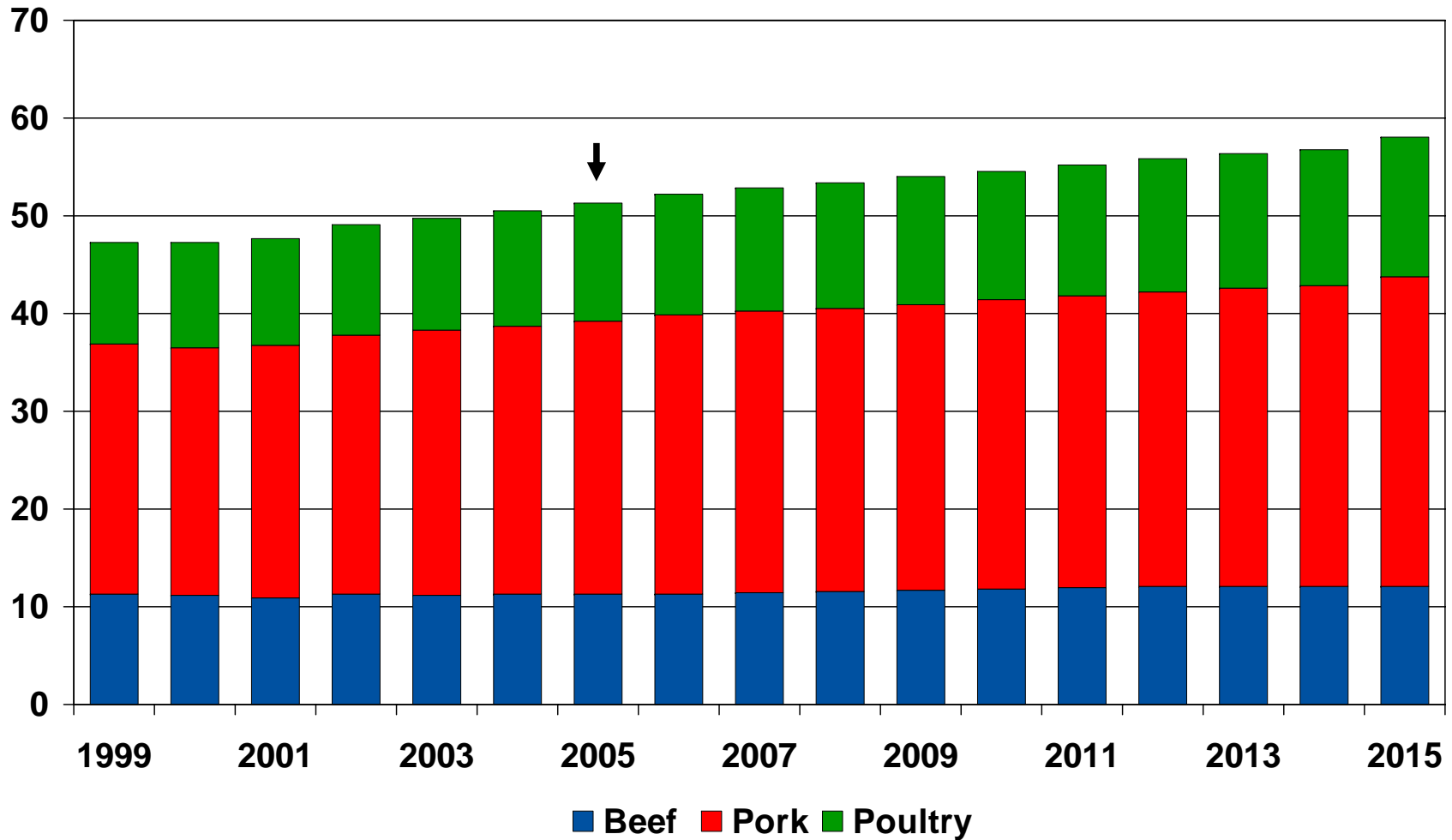


Thai Broiler Supply and Utilization



Per Capita Average Meat Consumption

kg per person

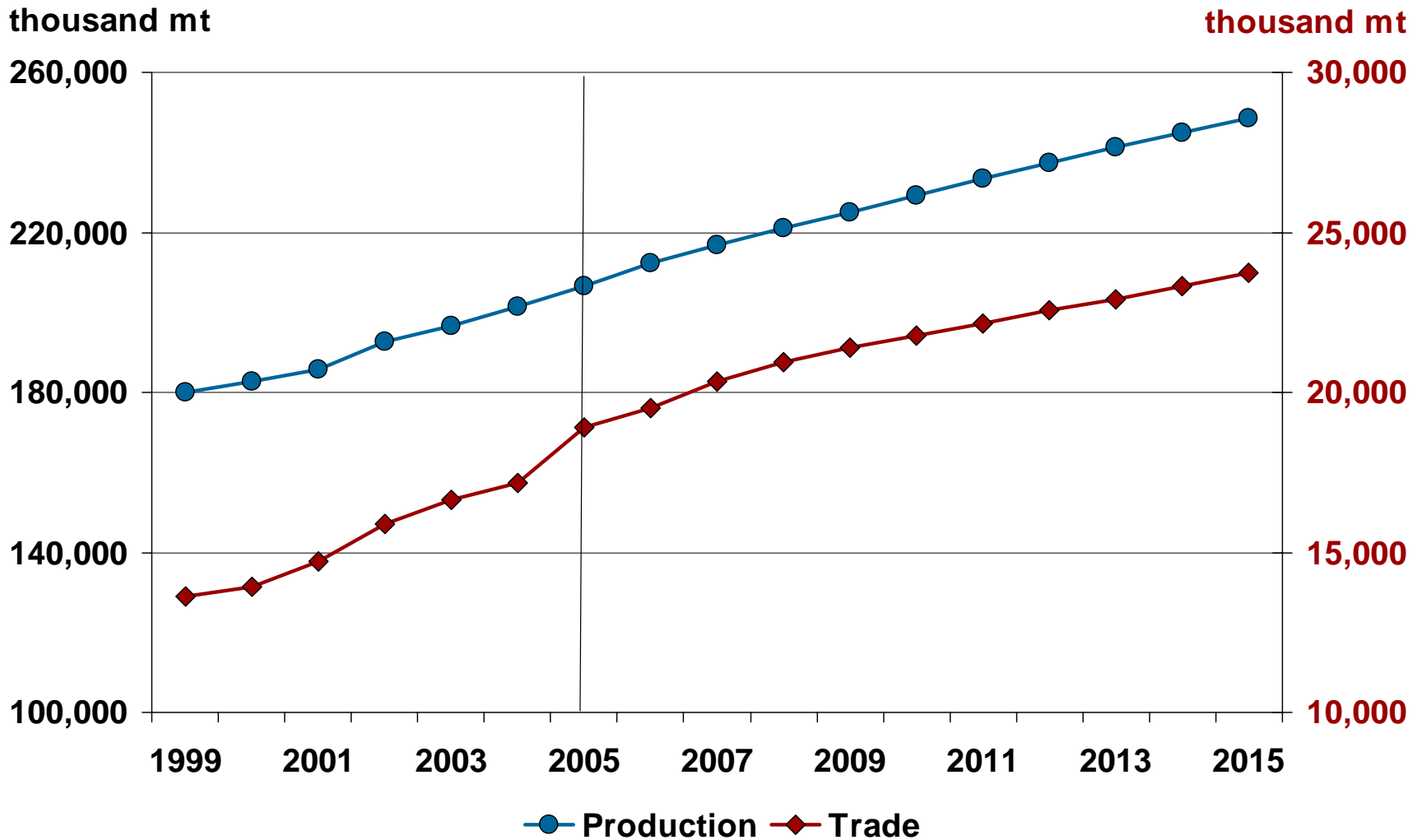


China Livestock Net Trade

thousand mt



World Meat Production and Trade

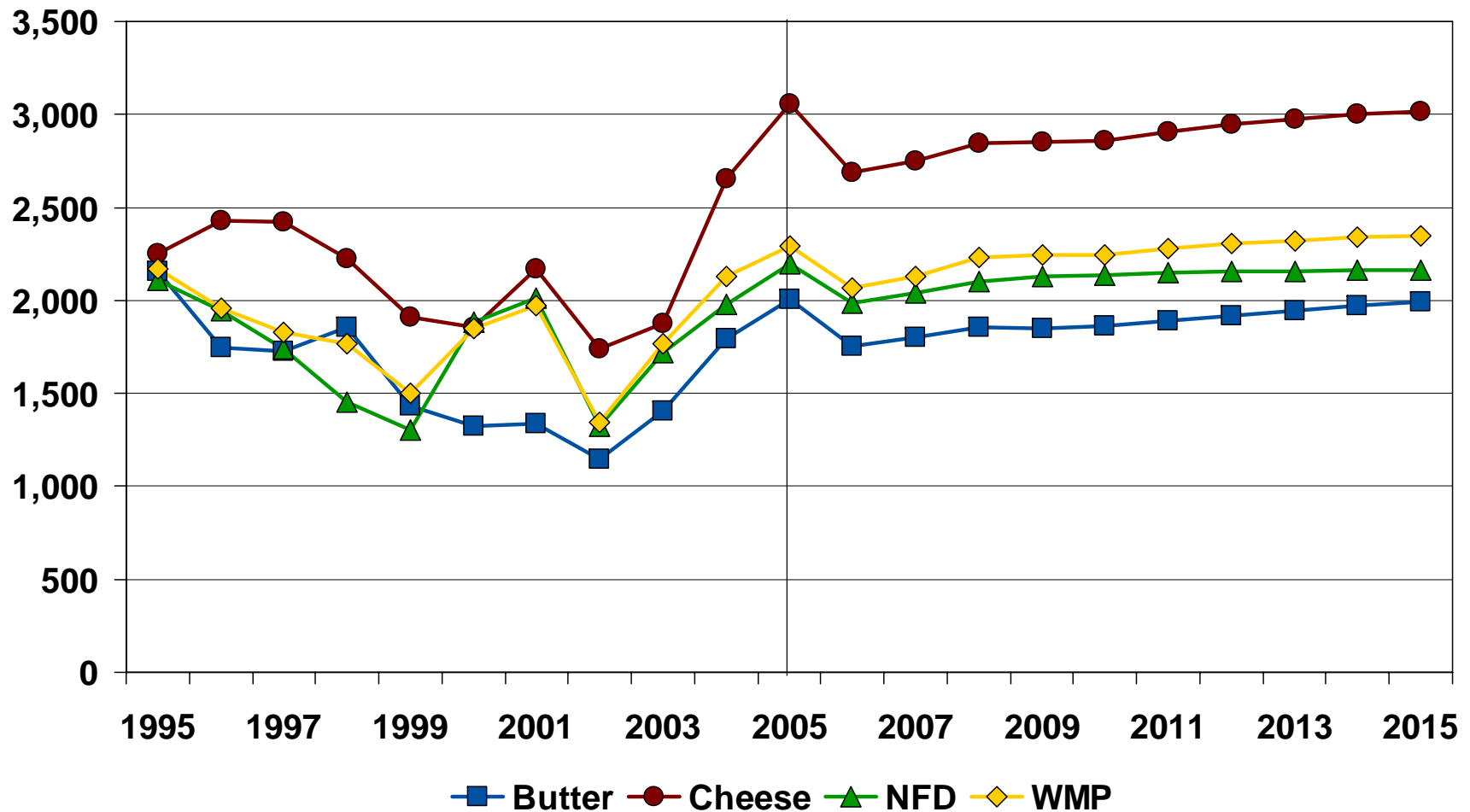


FAPRI 2006 World Outlook

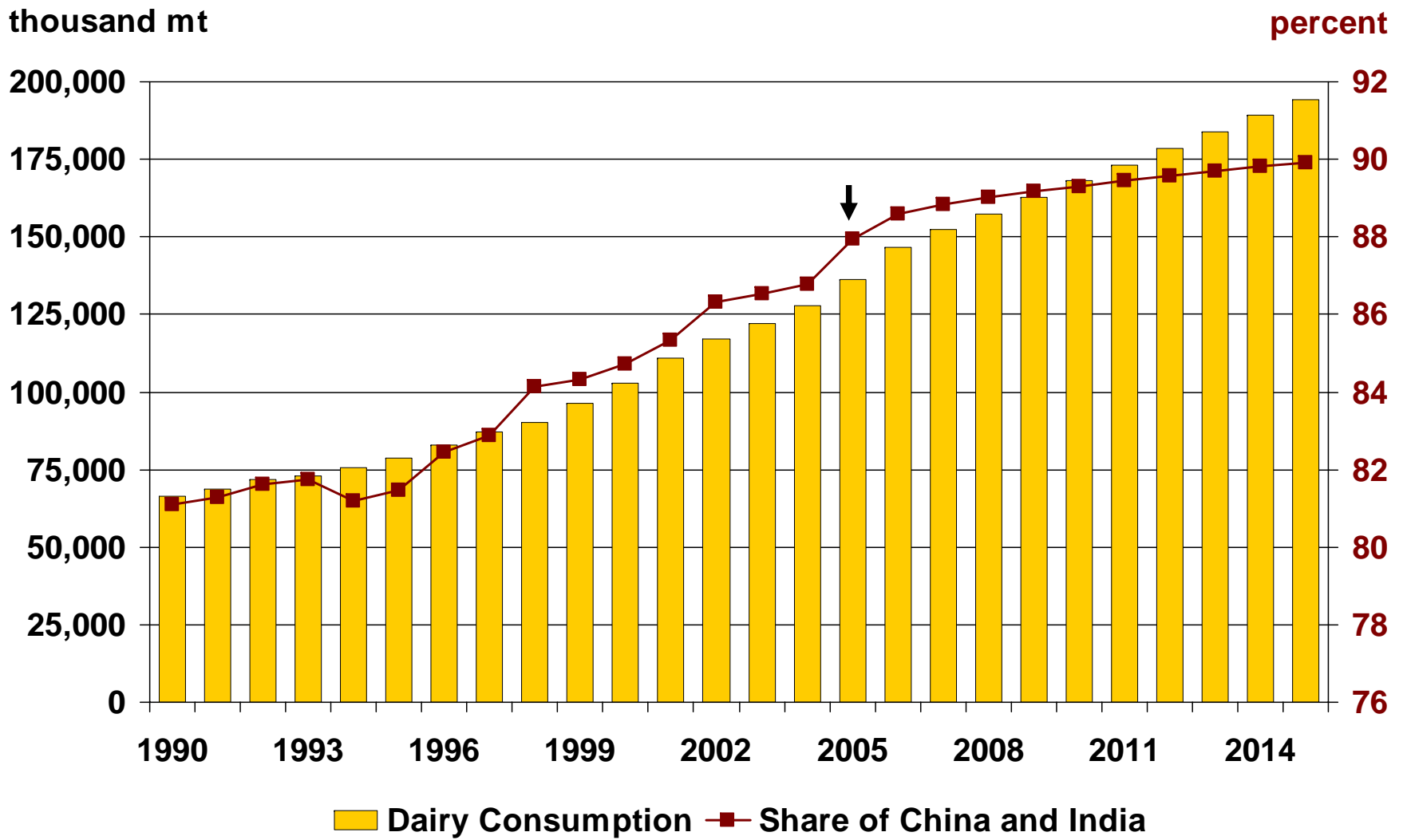
World Dairy Outlook Overview

FOB Northern European Dairy Product Prices

dollars per mt

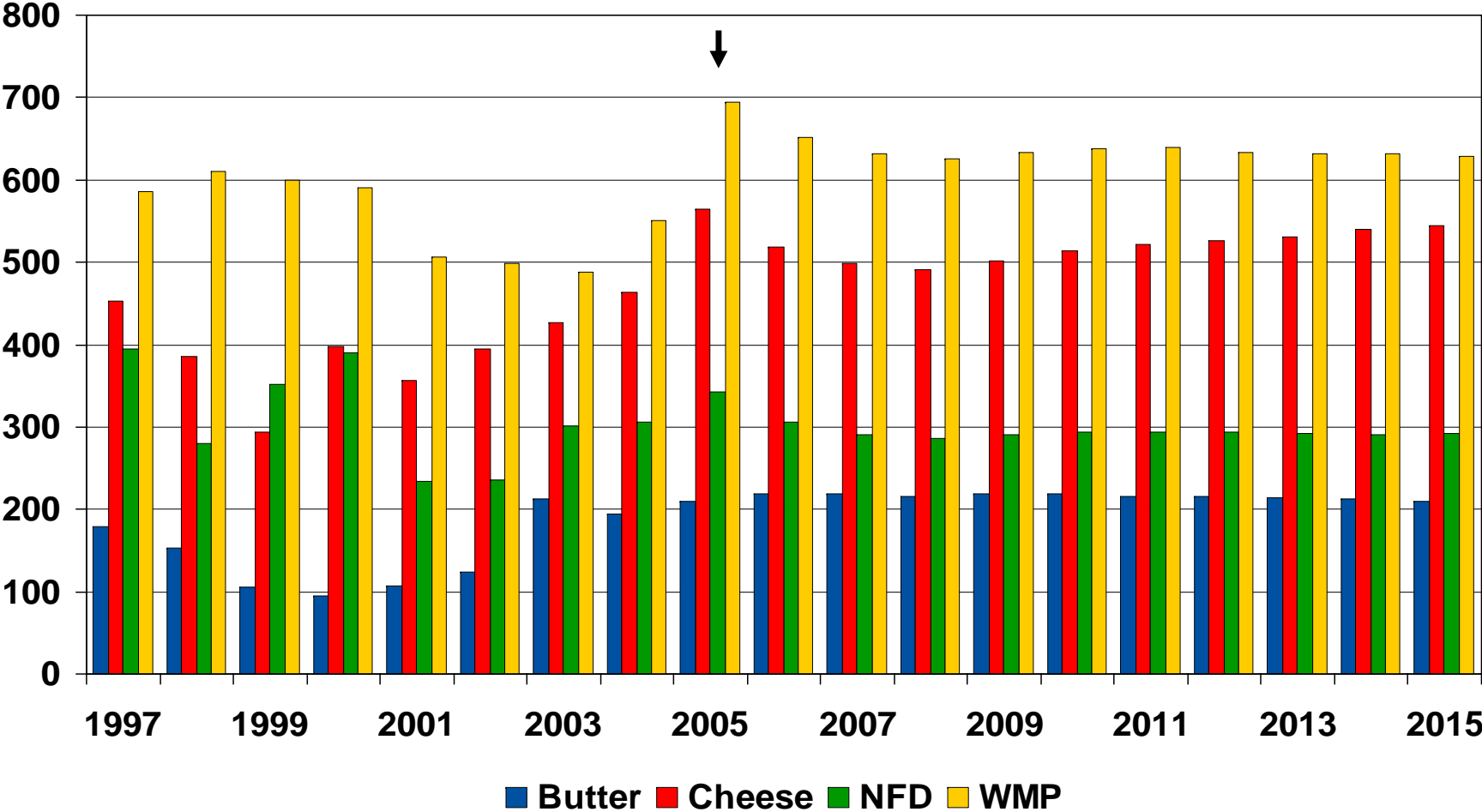


Asian Dairy Consumption



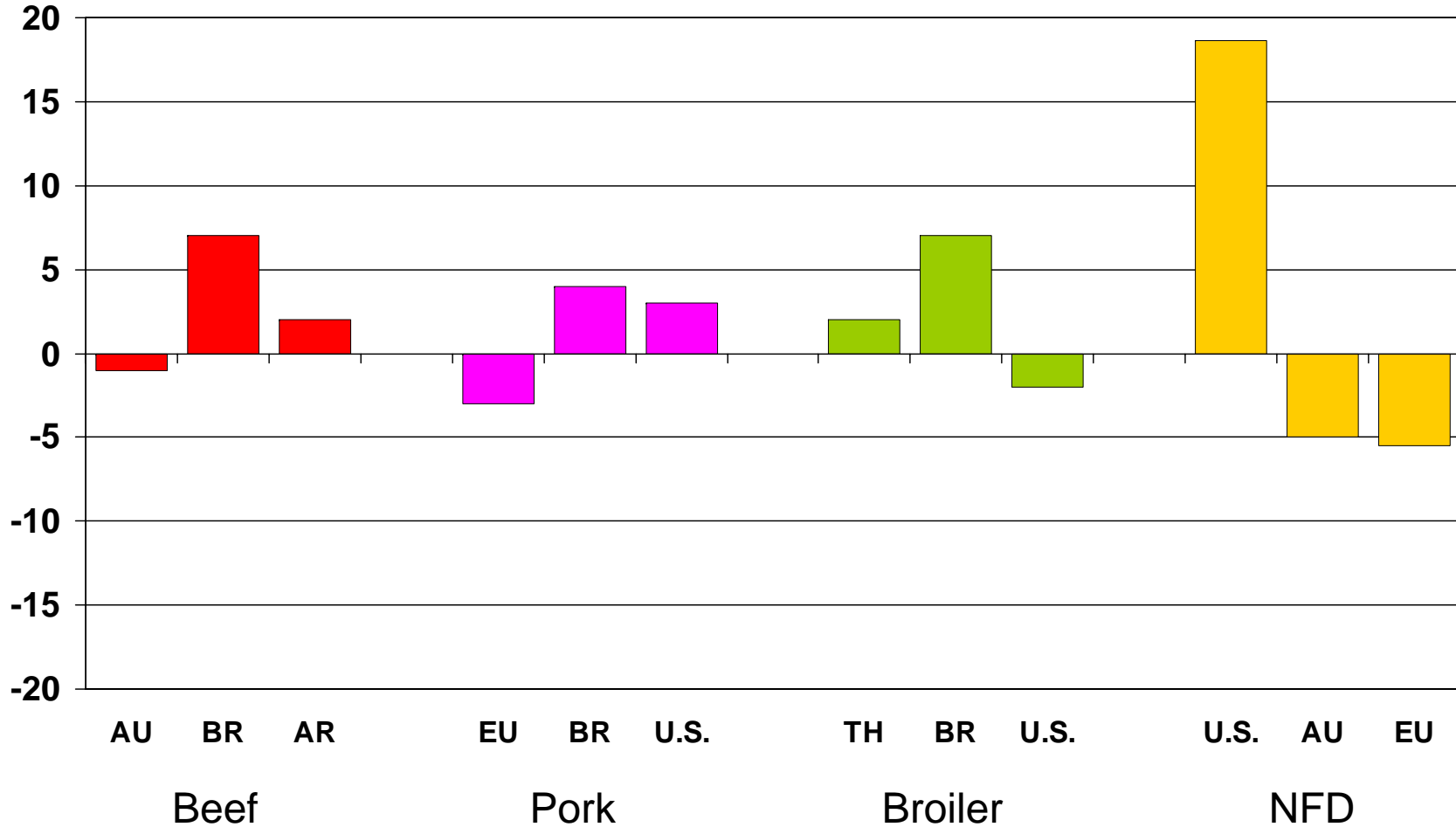
EU Dairy Product Net Trade

thousand mt

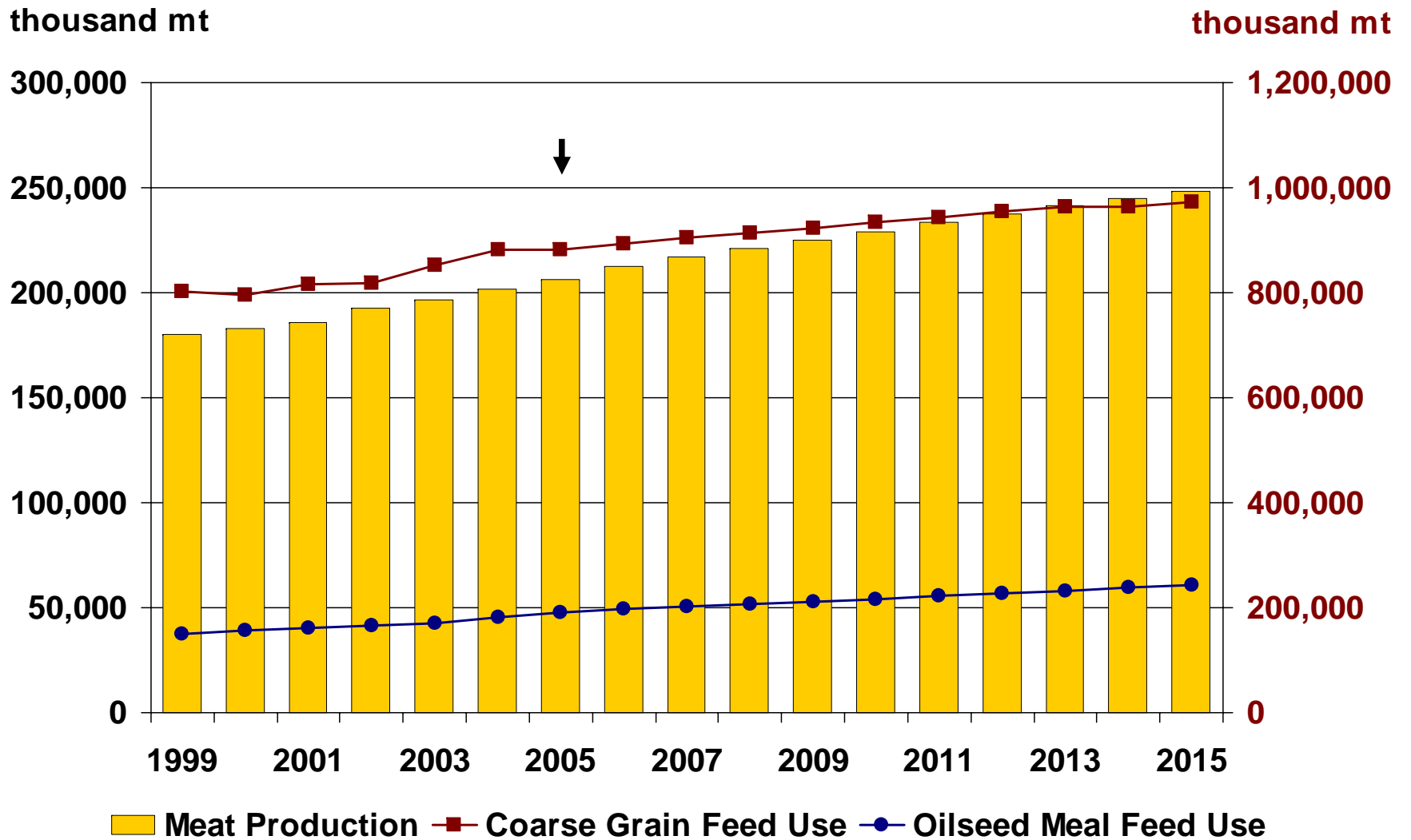


Livestock and Dairy Market Share Change

percentage point



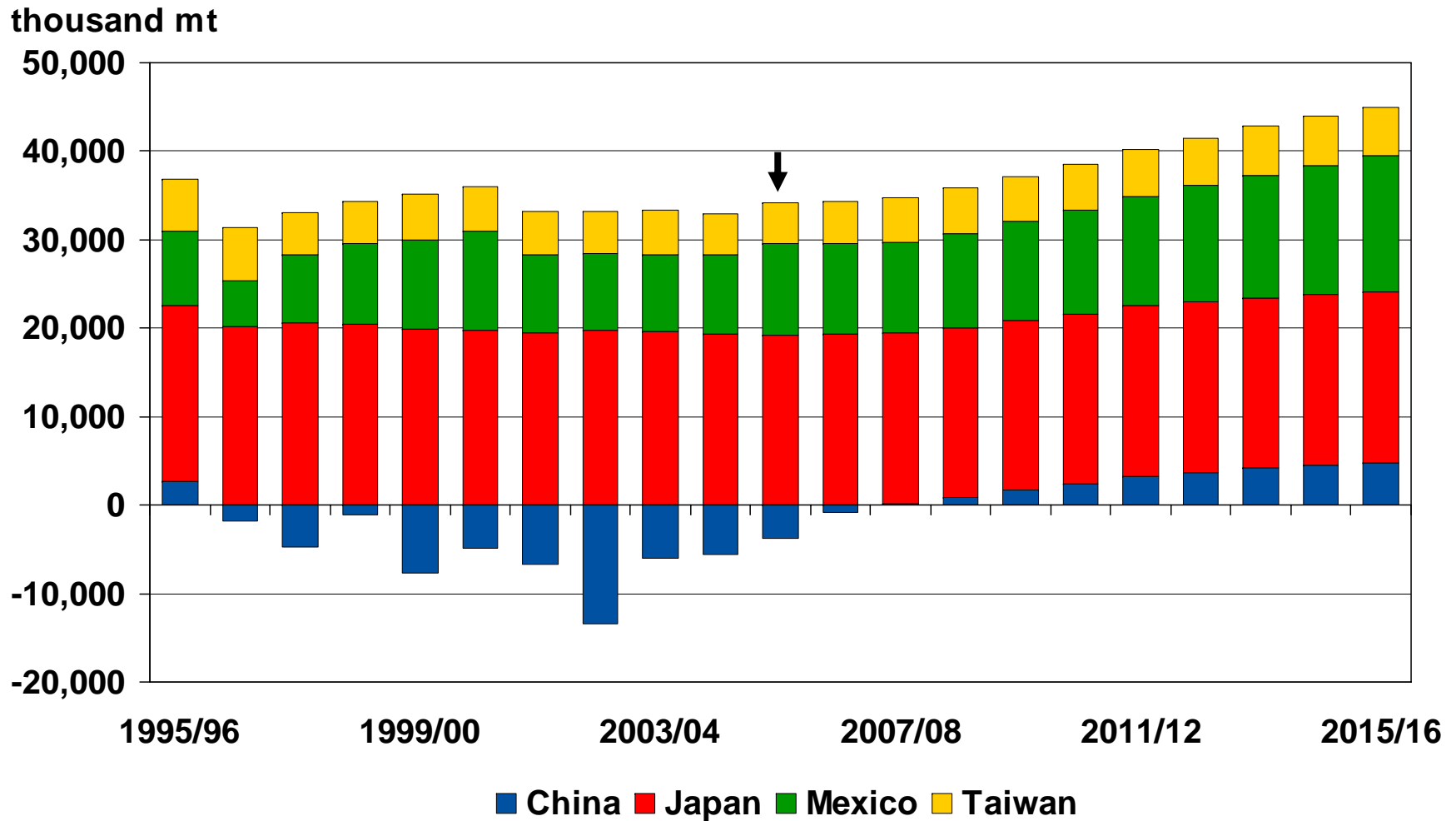
Meat Production and Feed Use



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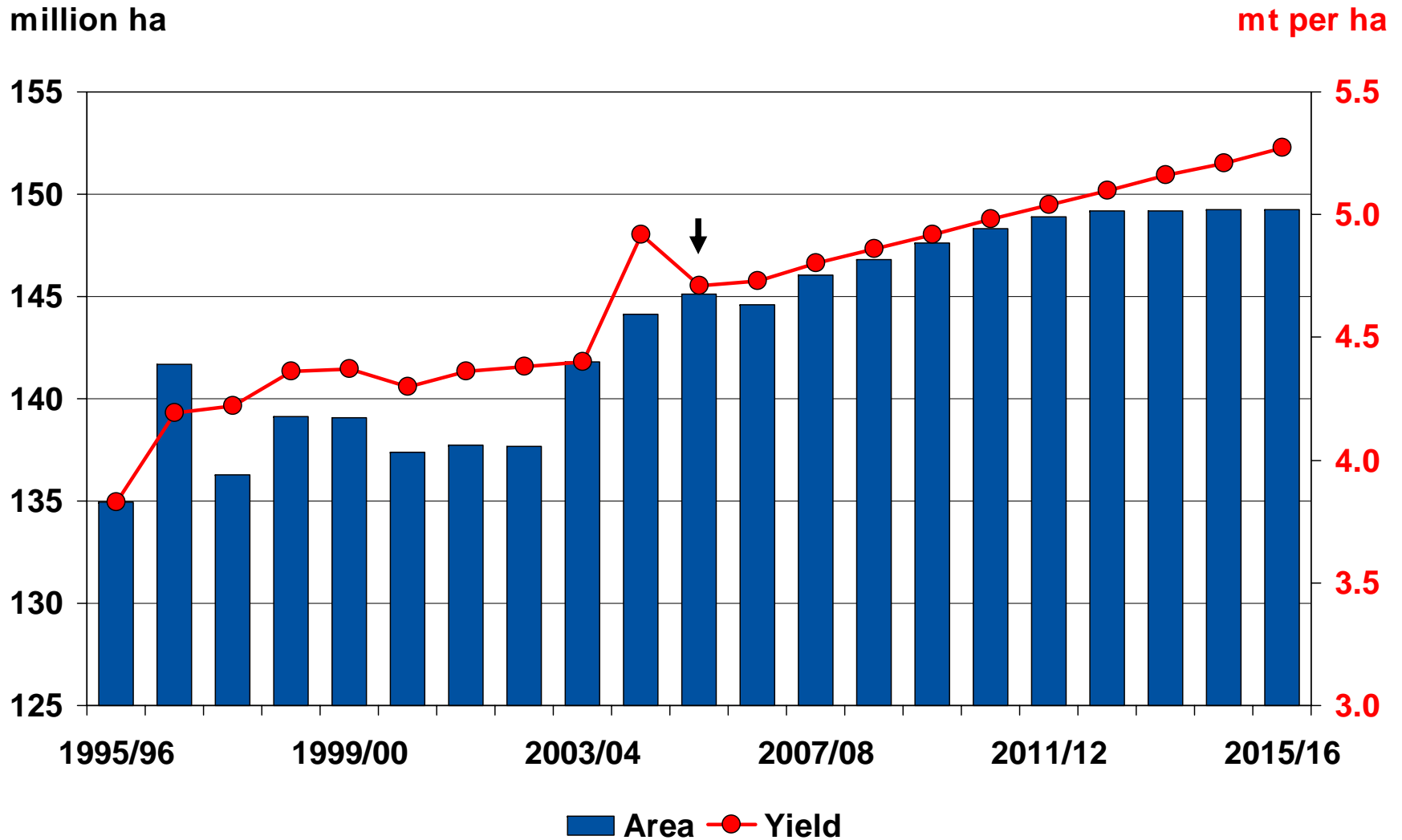
World Feed Grain Outlook Overview

Coarse Grain Major Importers

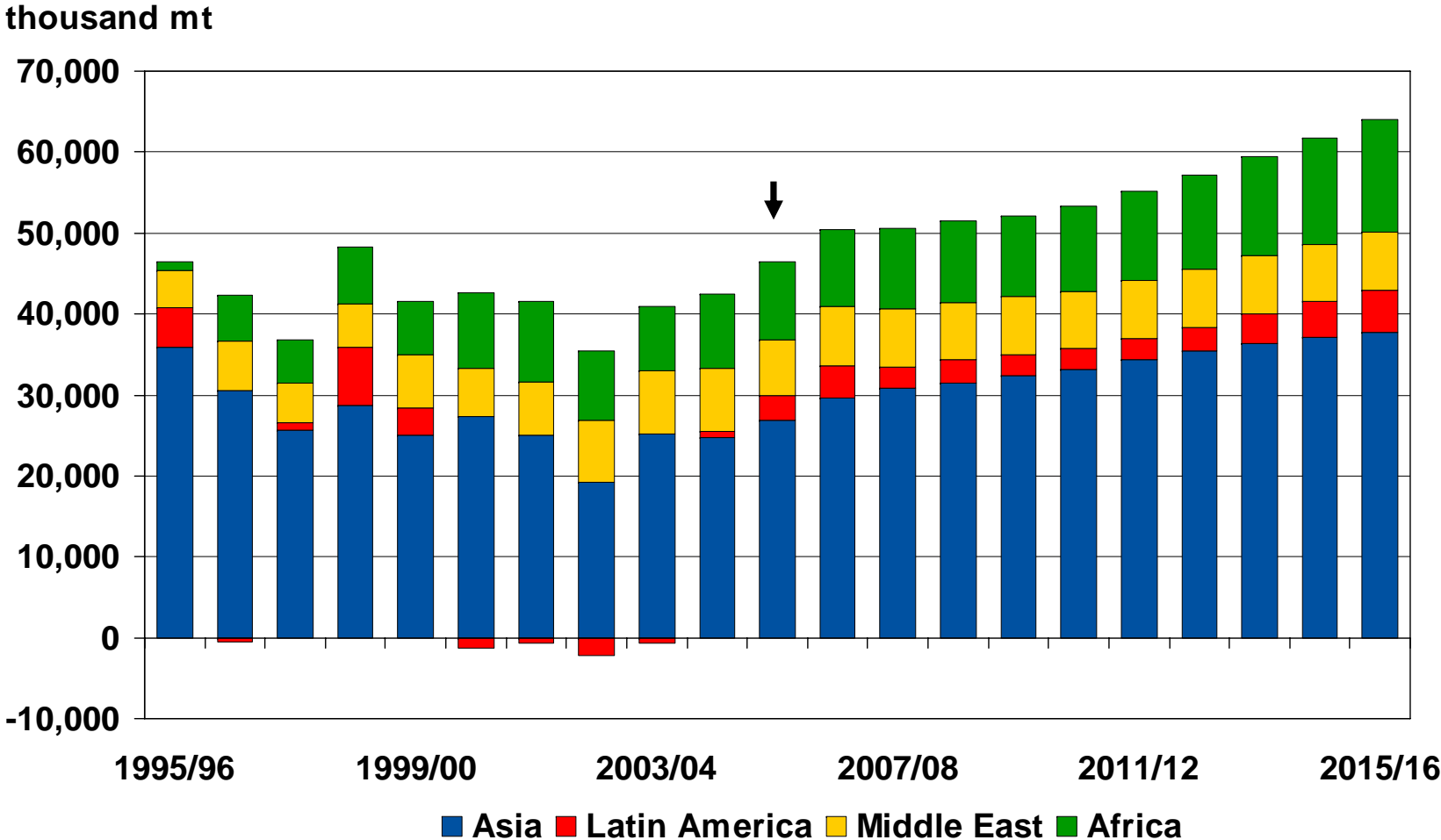


Coarse Grain = Corn, Barley, and Sorghum

World Corn Area and Yield

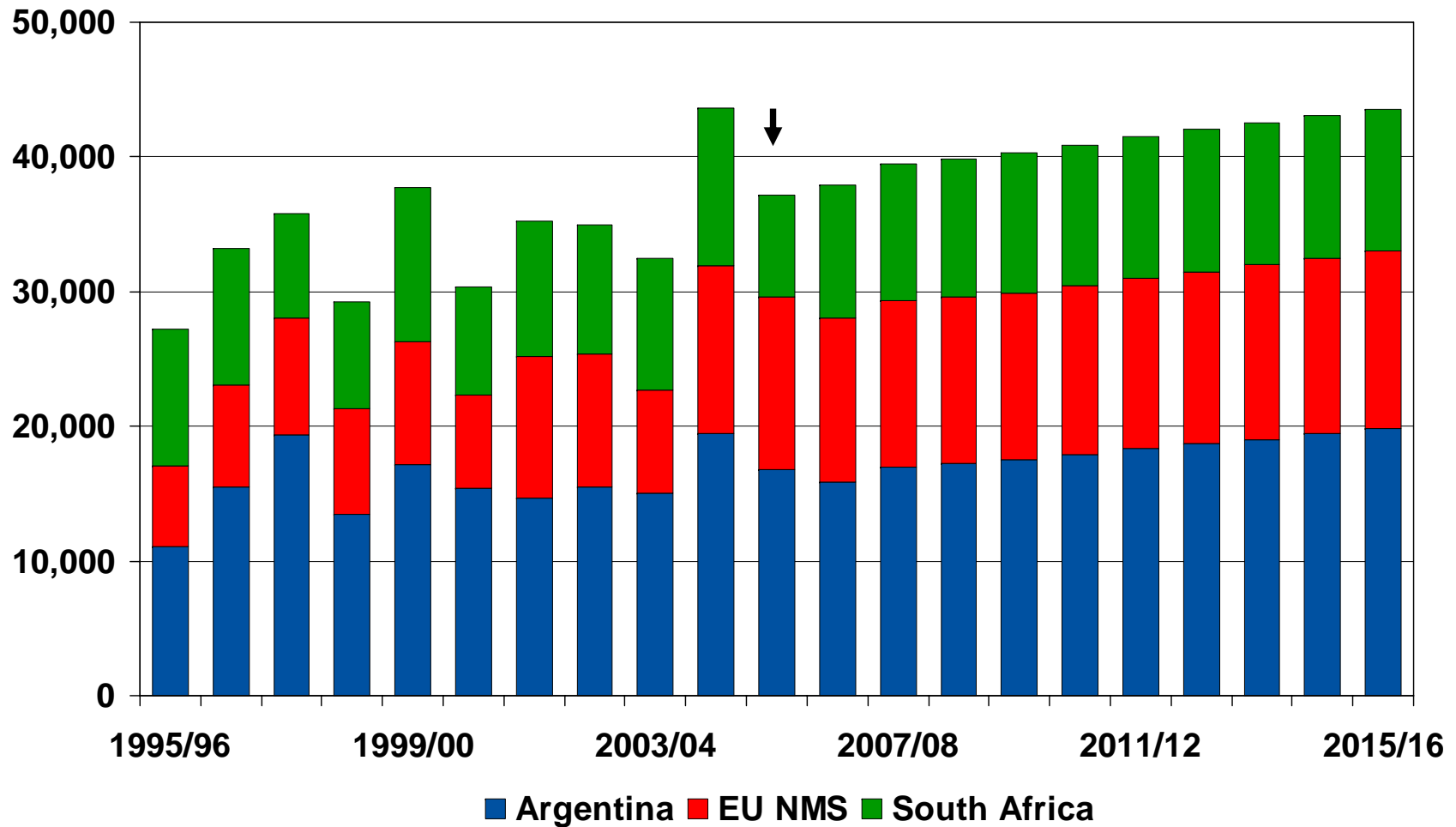


Corn Net Imports by Major Regions

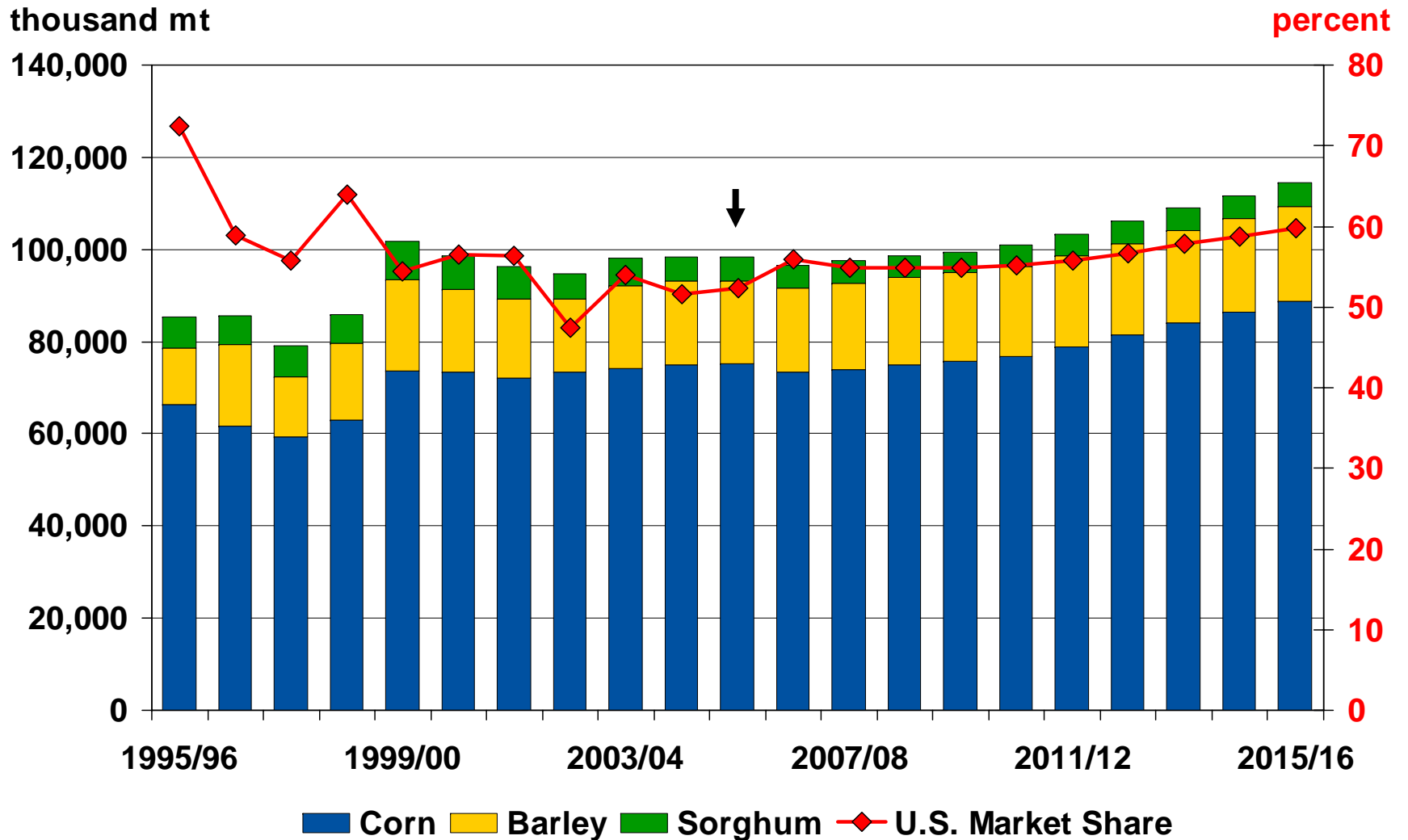


Corn Production by Major Competitors

thousand mt



World Coarse Grain Net Trade and U.S. Market Share

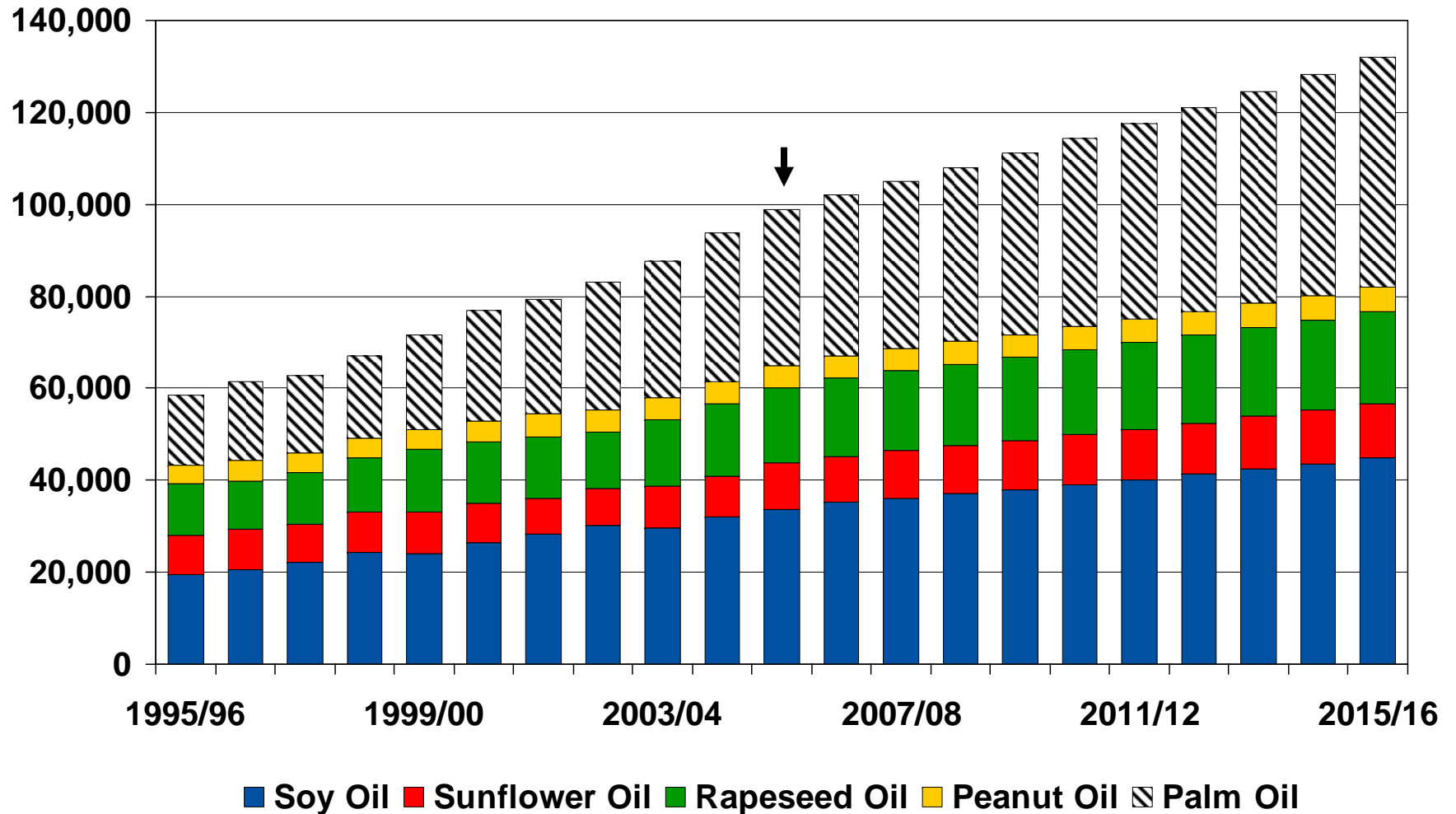


FAPRI 2006 World Outlook

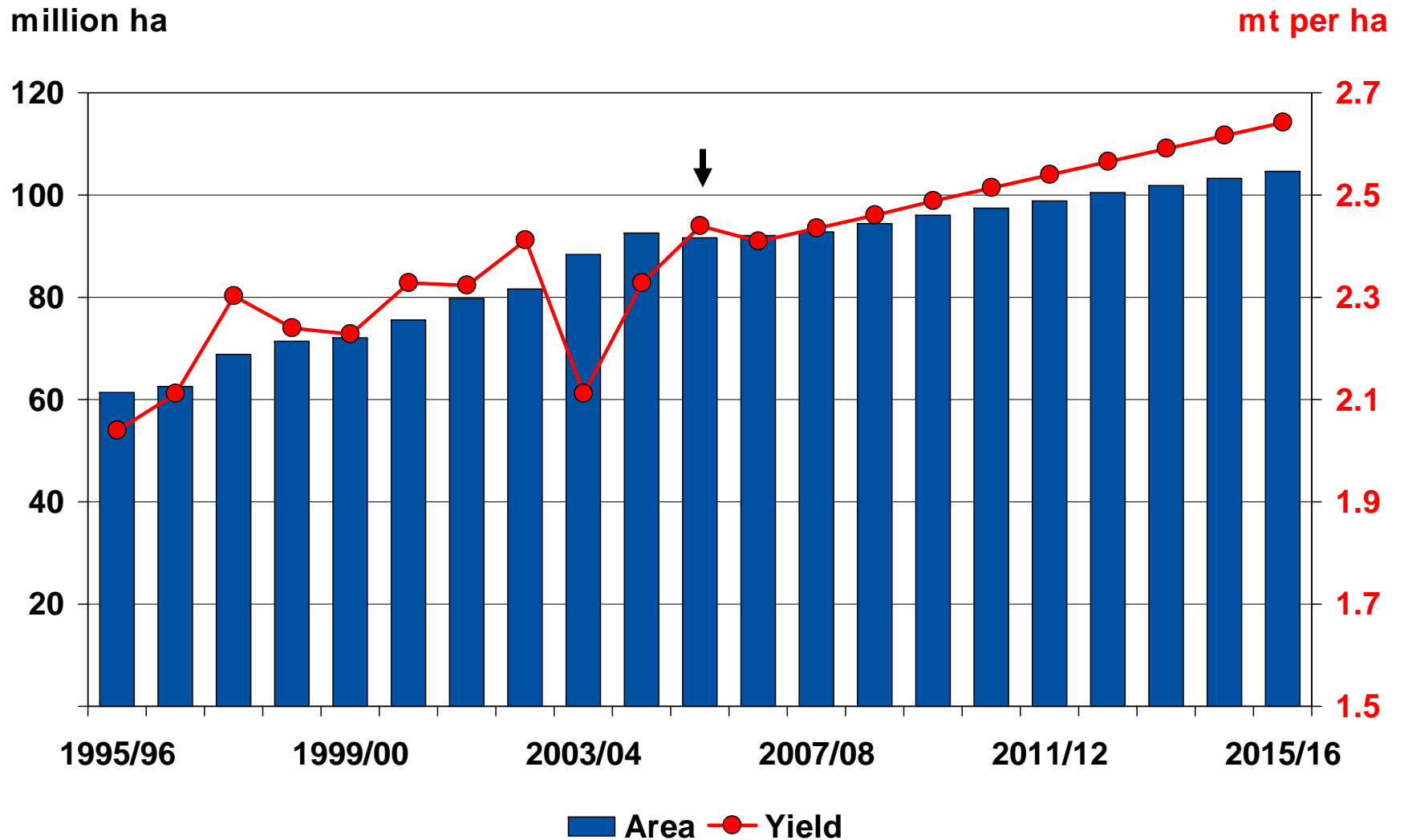
World Oilseed Outlook Overview

World Vegetable Oil Consumption

thousand mt

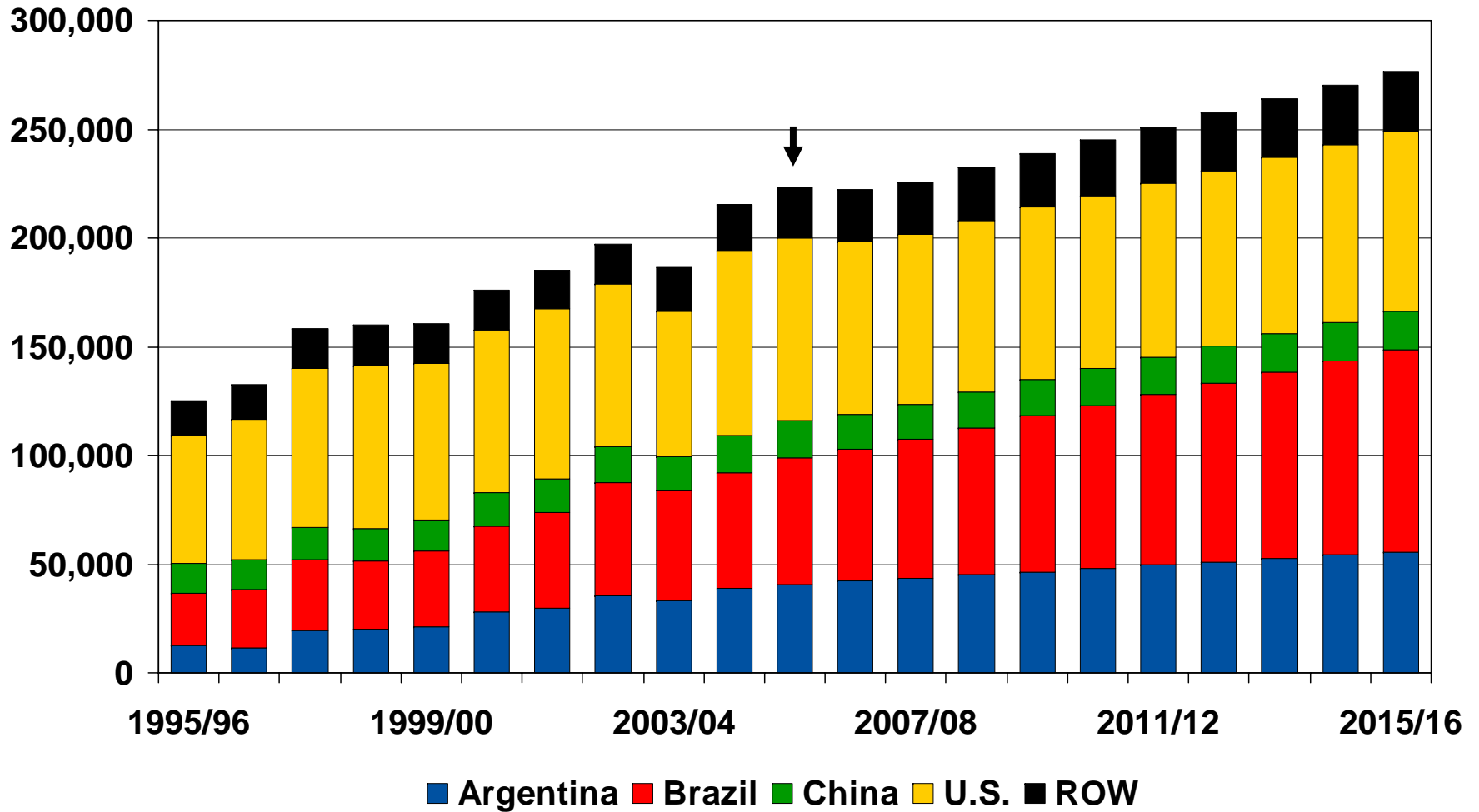


World Soybean Area and Yield



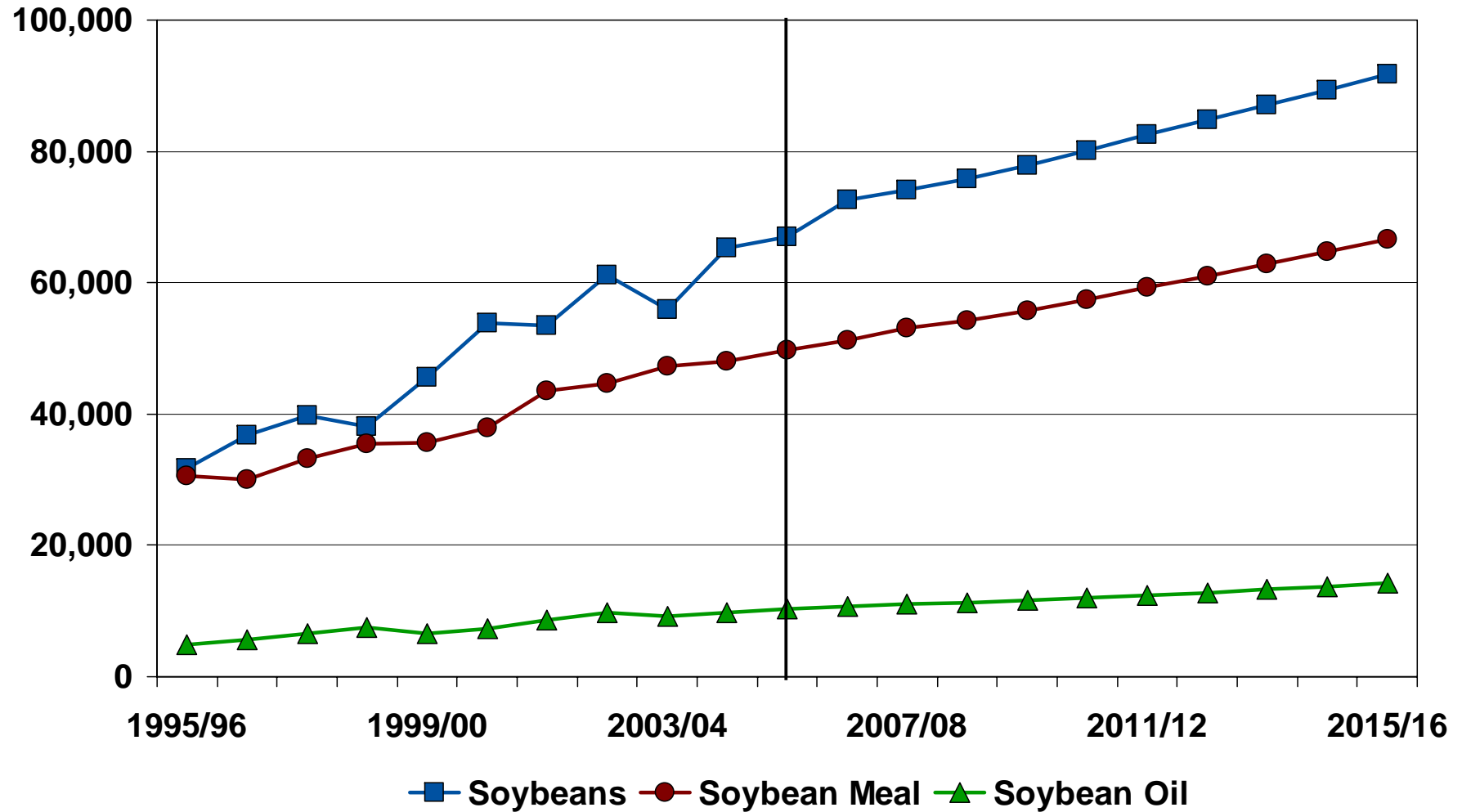
World Soybean Production

thousand mt



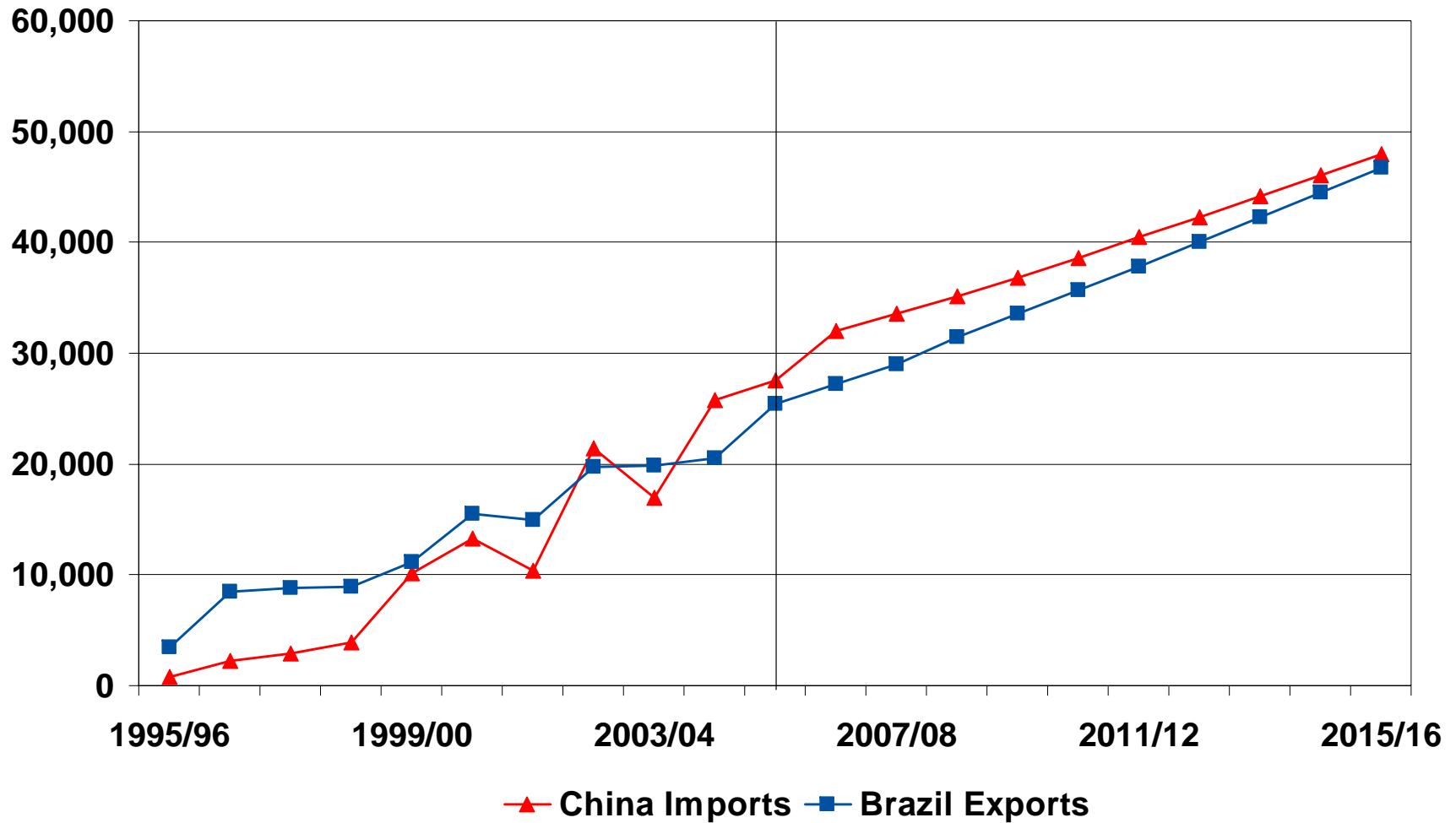
World Soybean and Products Trade

thousand mt



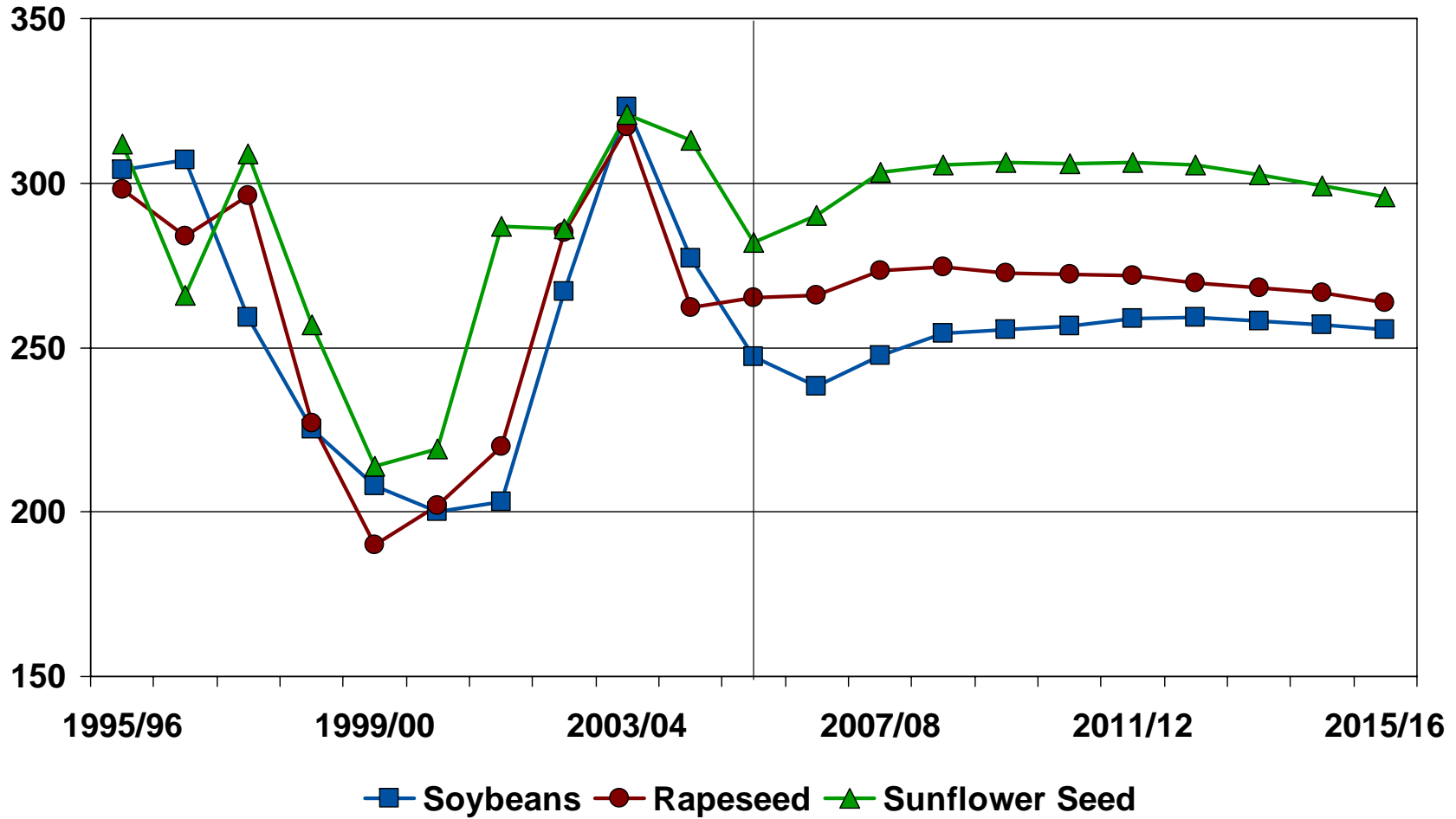
Brazilian and Chinese Soybean Trade

thousand mt



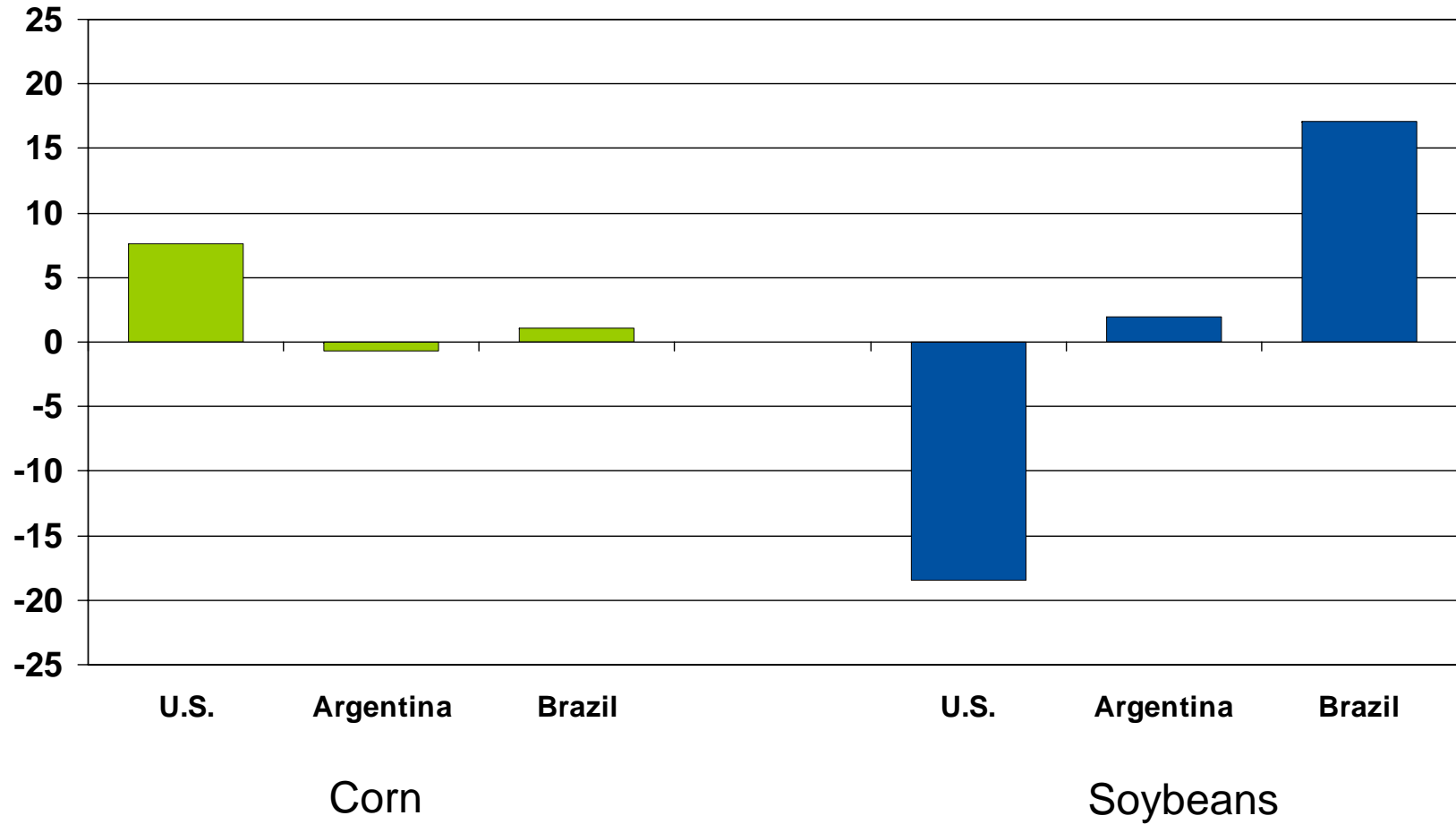
World Oilseed Prices

dollars per mt



Crops Market Share Change

percentage point

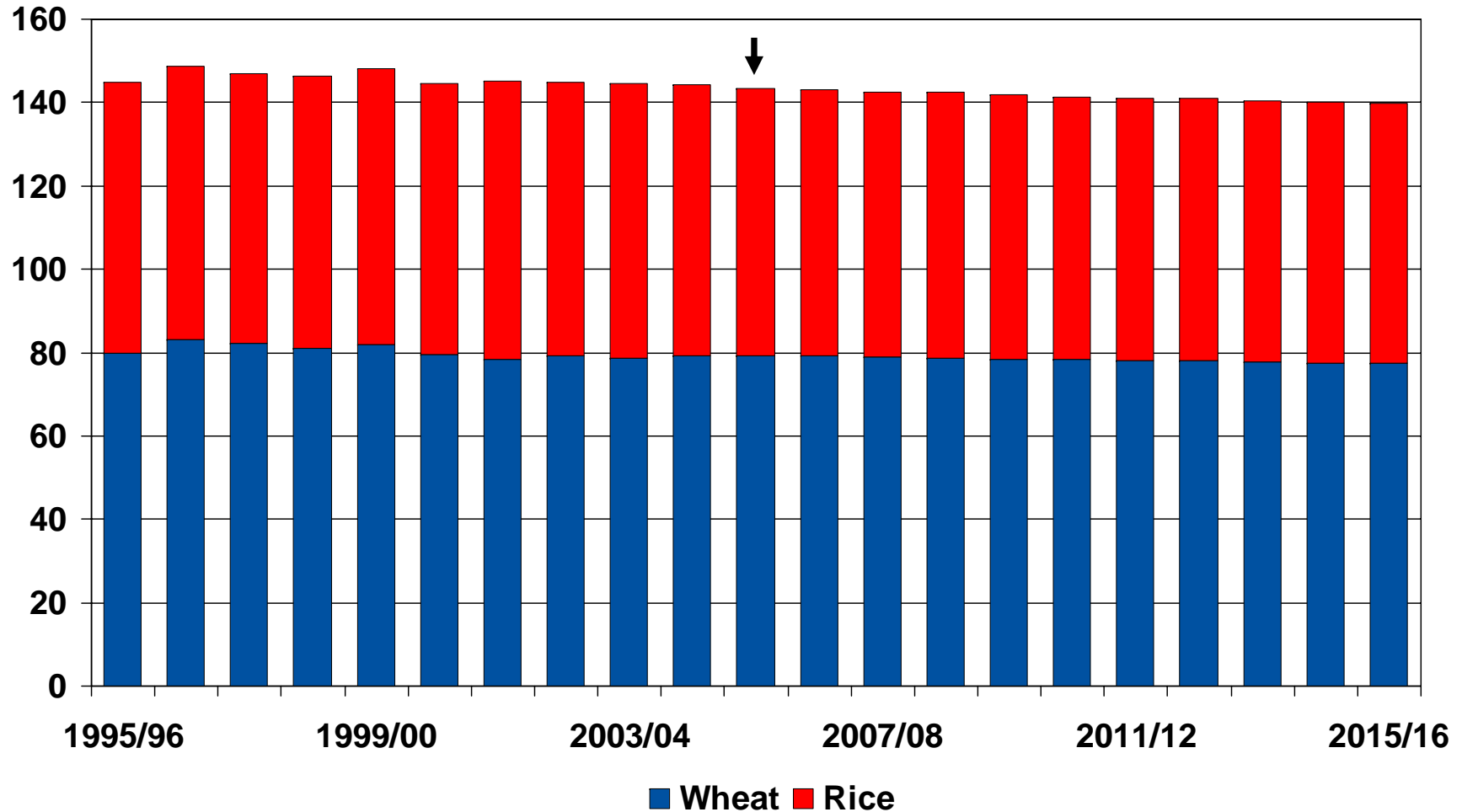


FAPRI 2006 World Outlook

World Food Grain Outlook Overview

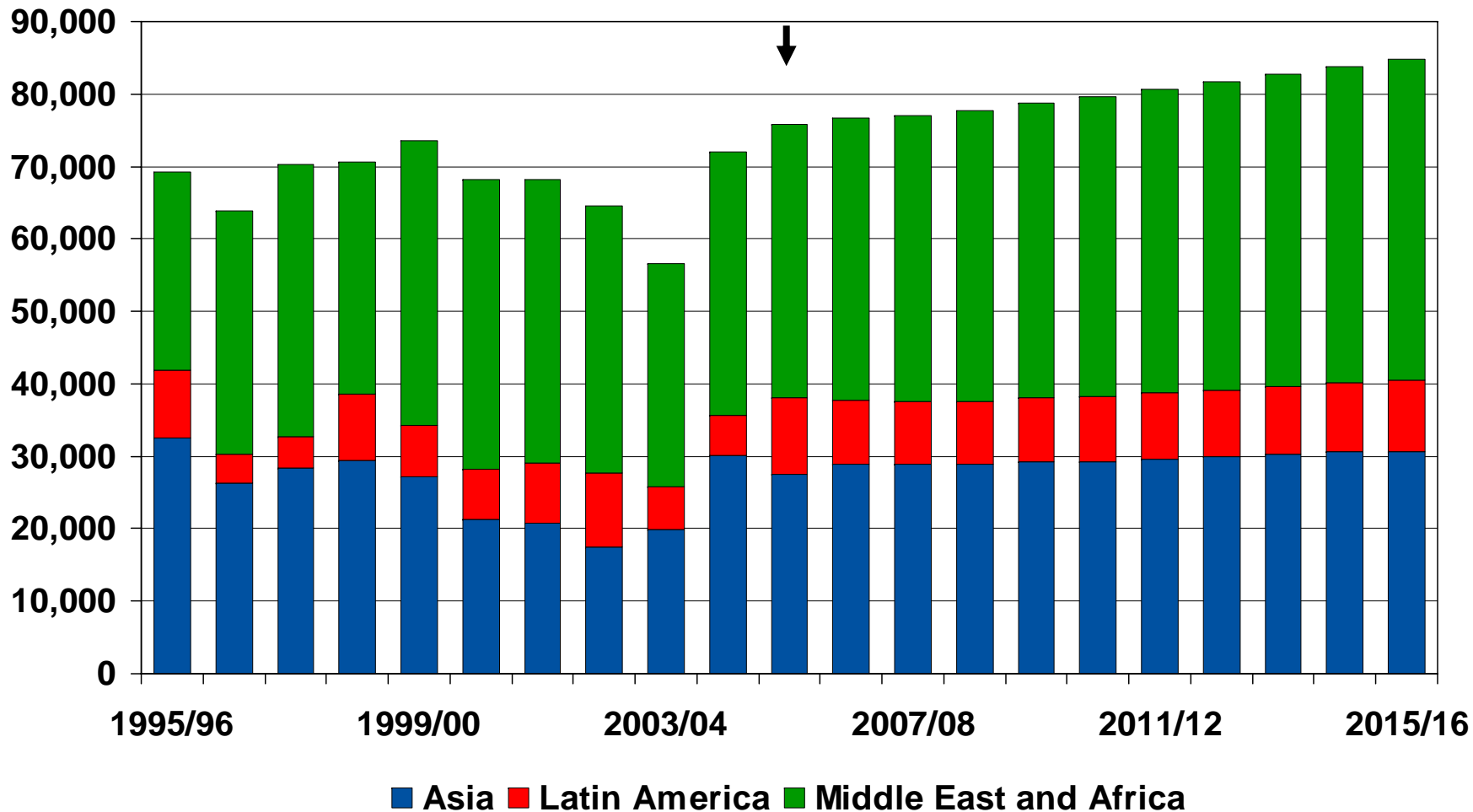
World Per Capita Food Grain Consumption

kg per person



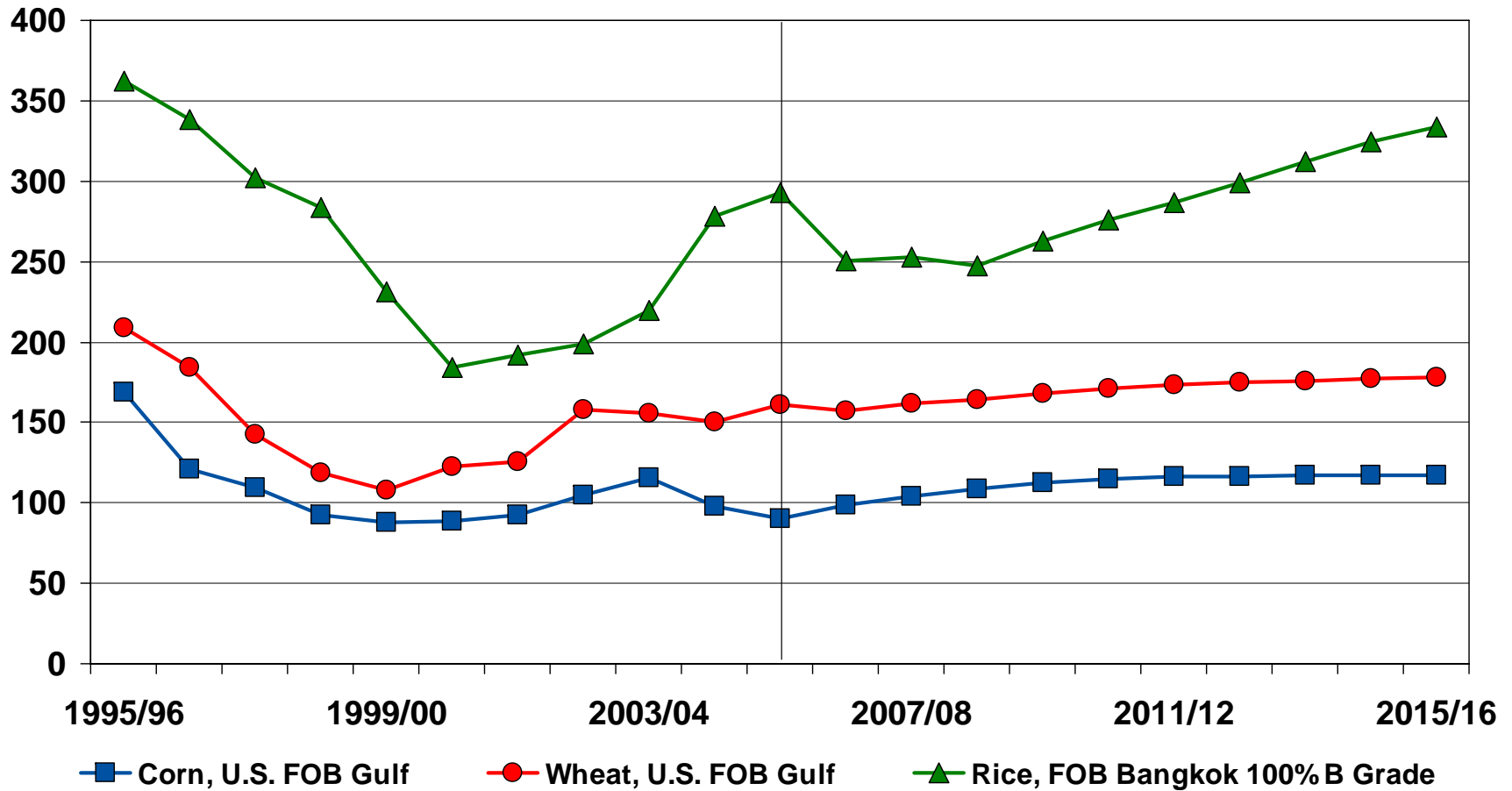
Wheat Net Imports by Major Regions

thousand mt



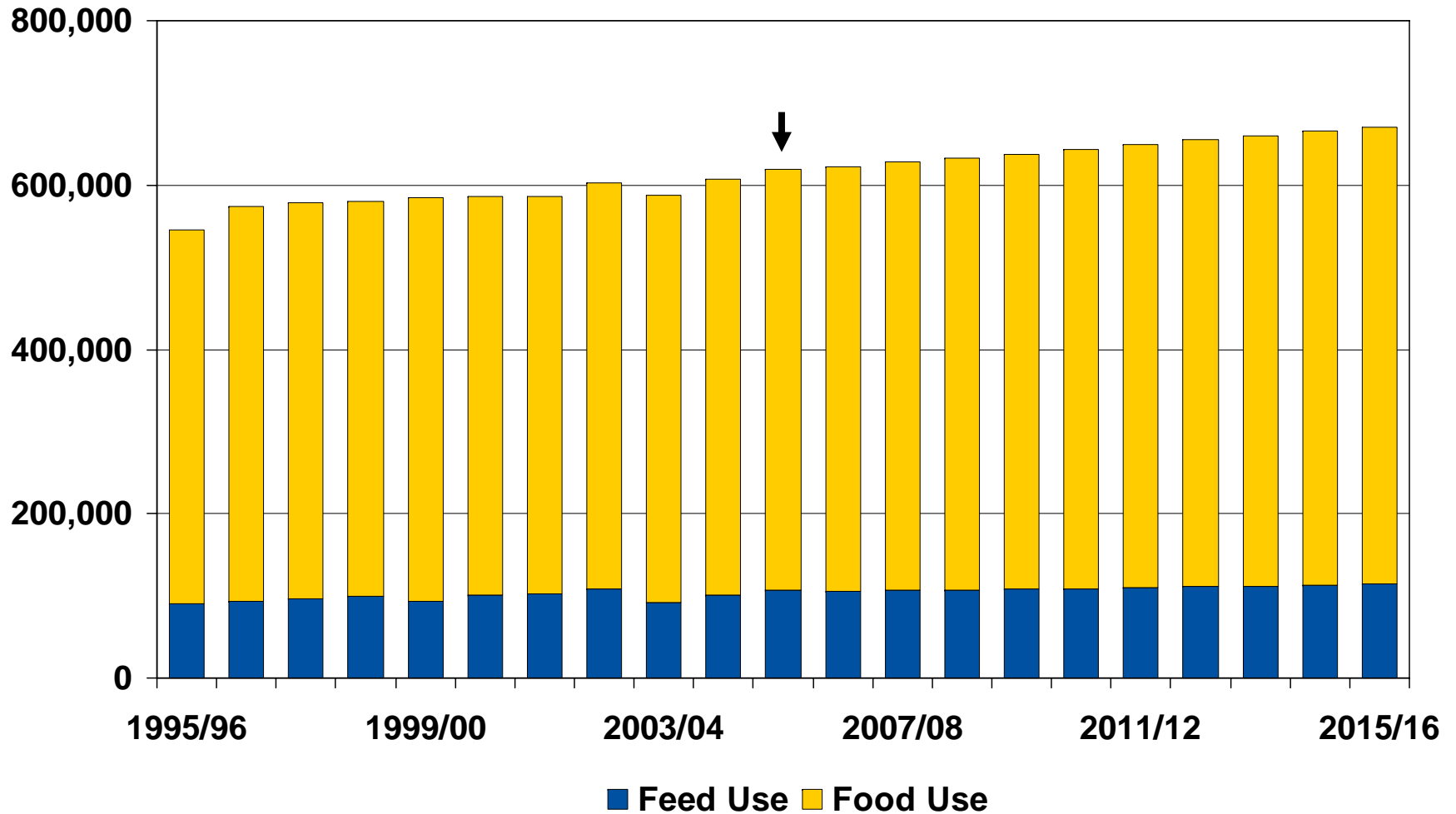
World Grain Prices

dollars per mt

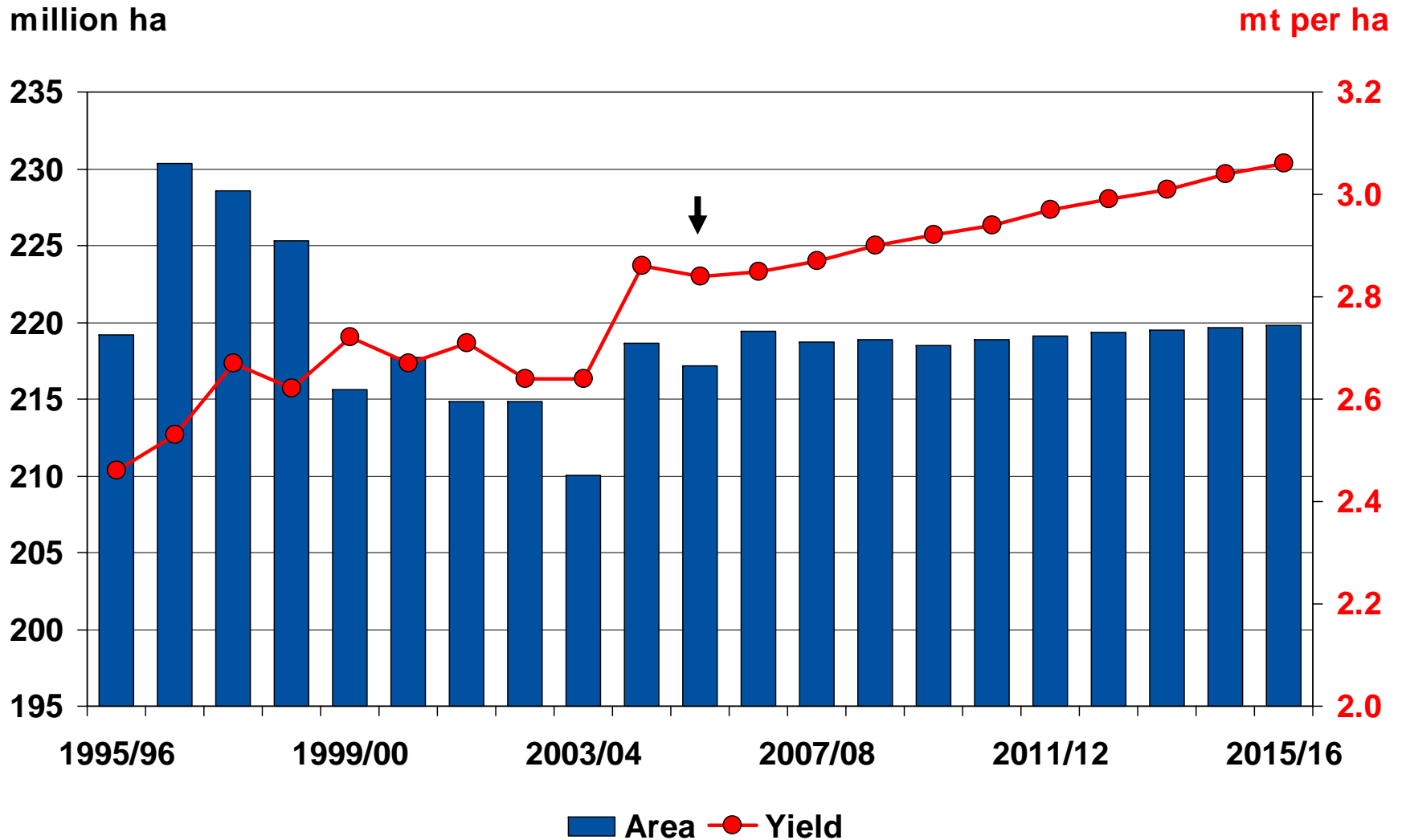


World Wheat Feed and Food Use

thousand mt



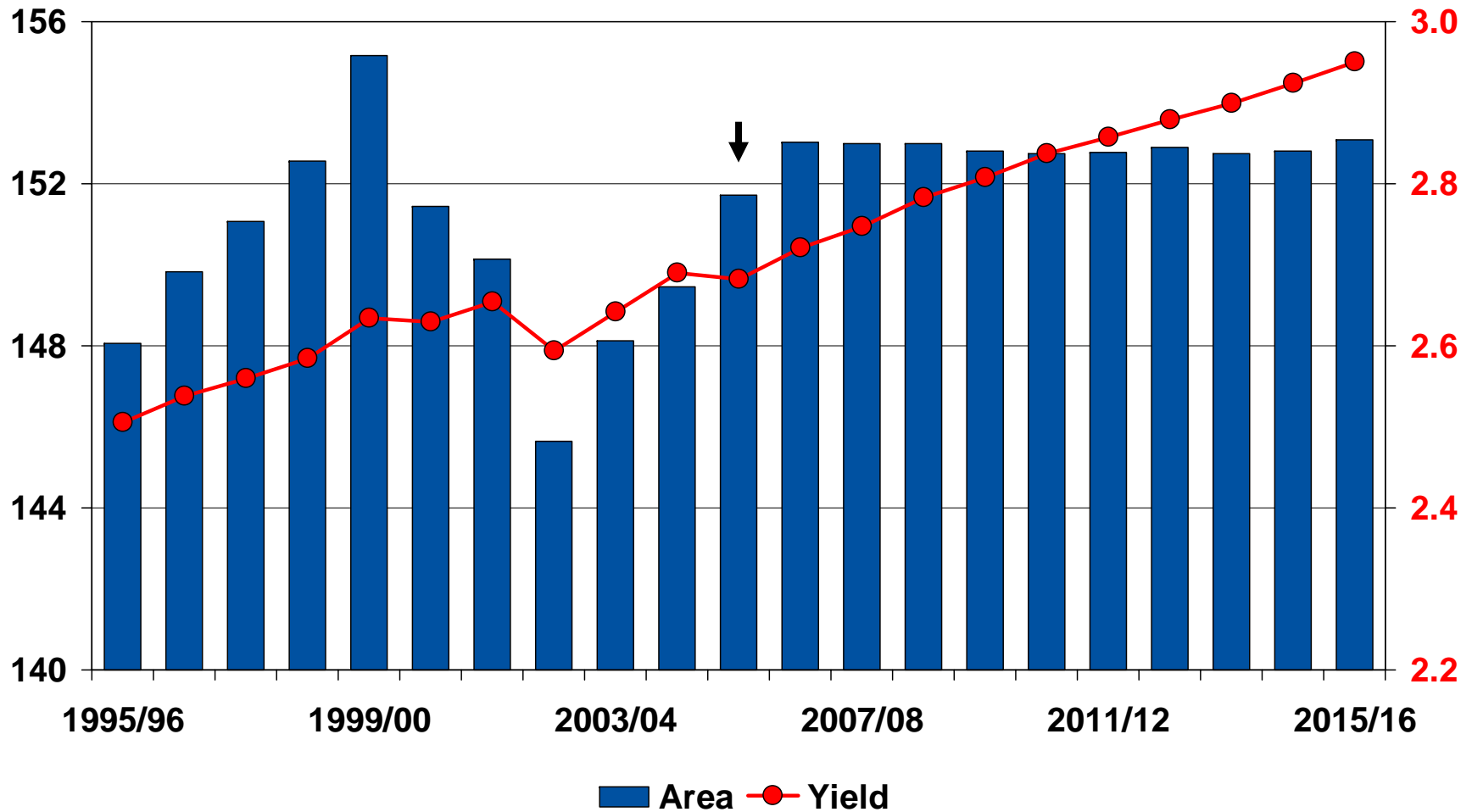
World Wheat Area and Yield



World Rice Area and Milled Yield

million ha

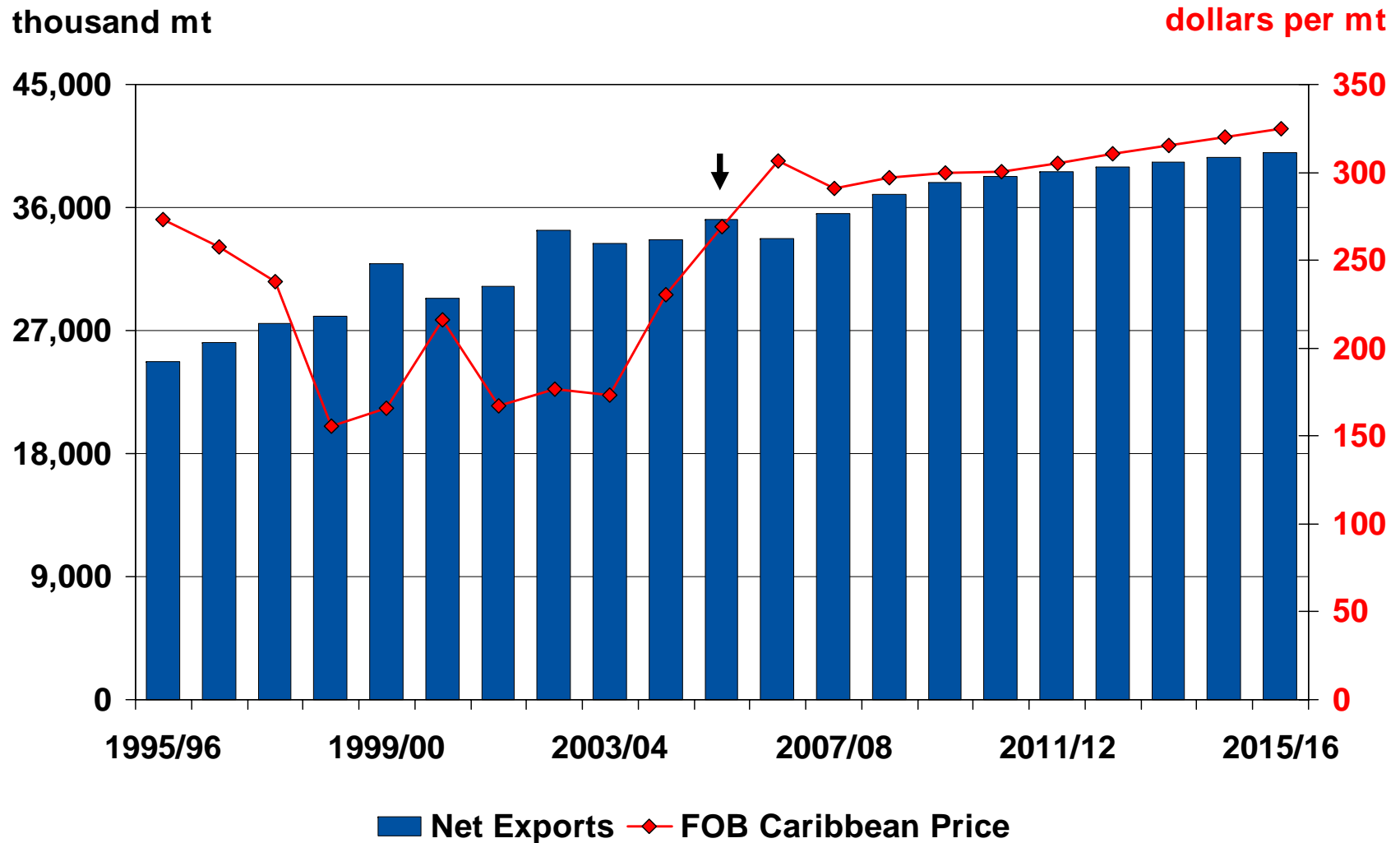
mt per ha



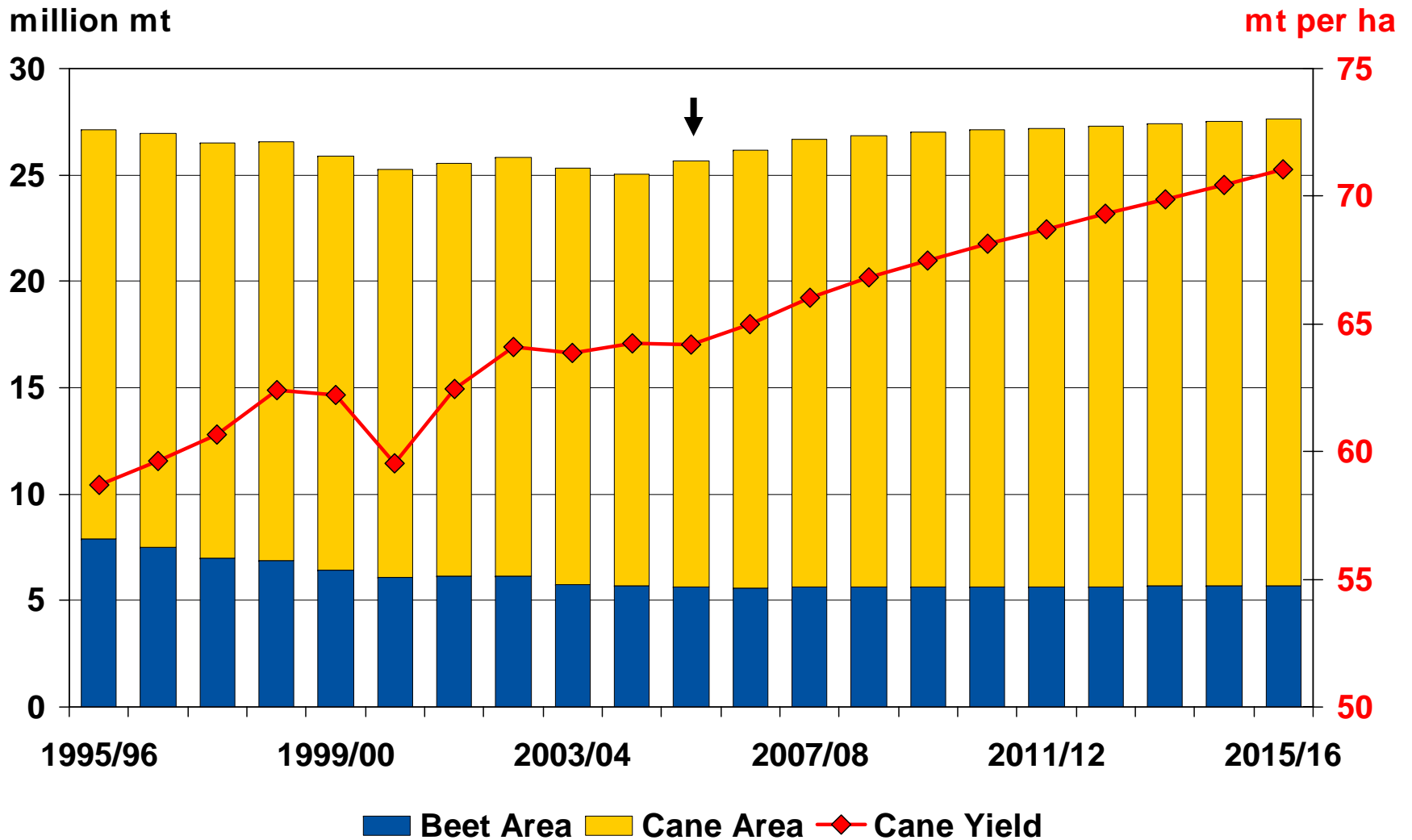
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Other Crop Outlook Overview

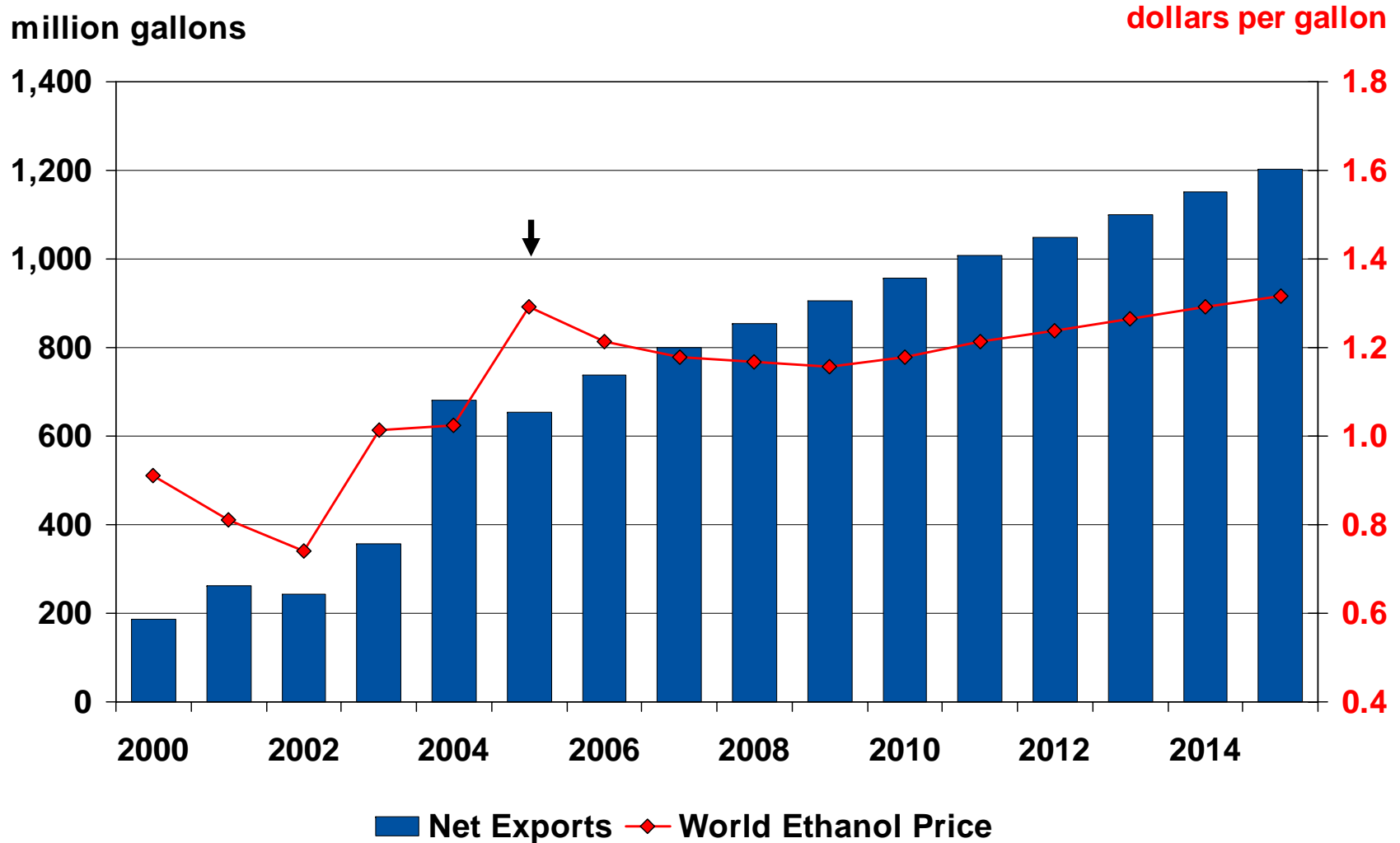
World Sugar Price and Net Trade



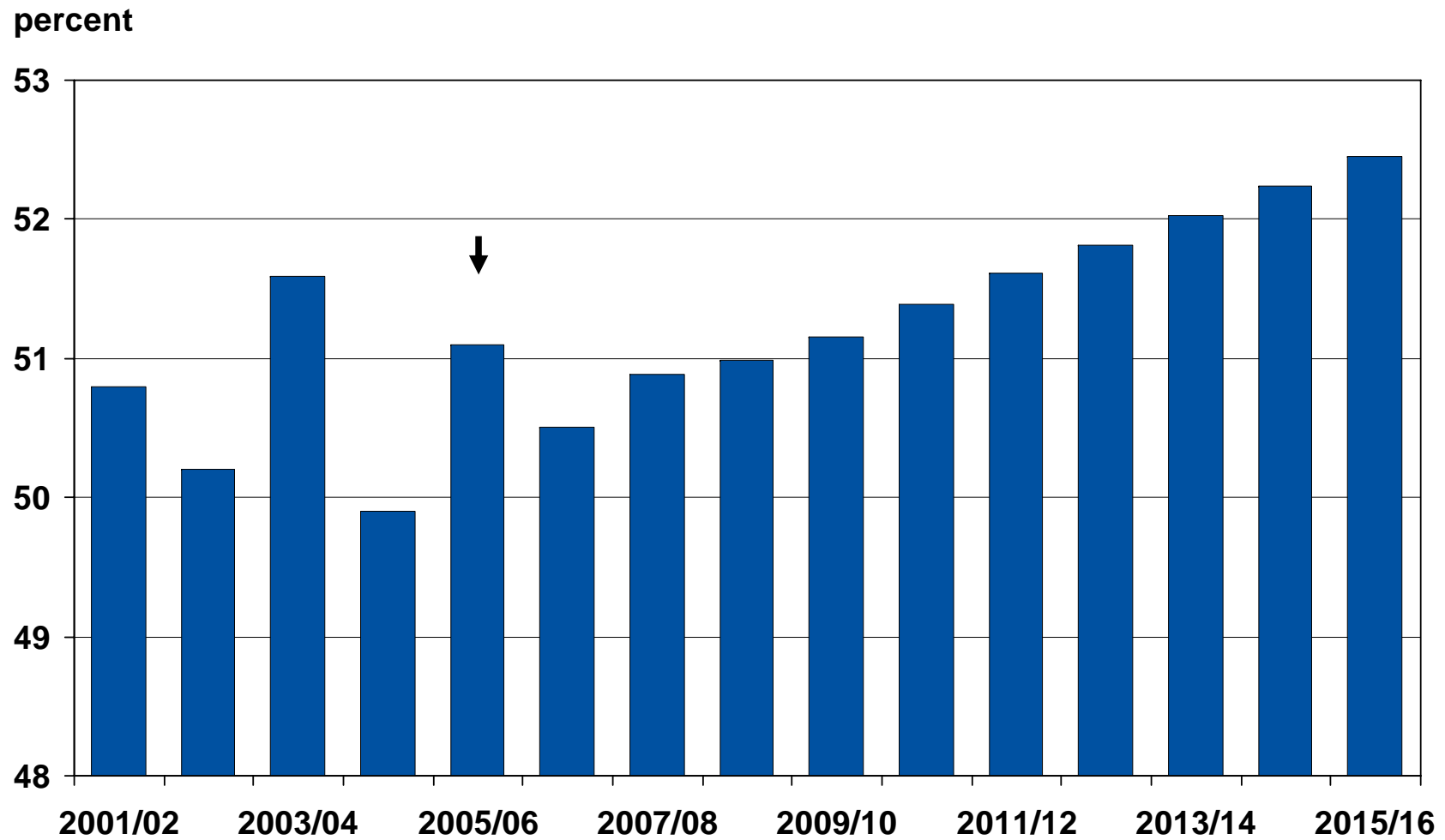
World Sugar Area and Yield



World Ethanol Price and Net Trade

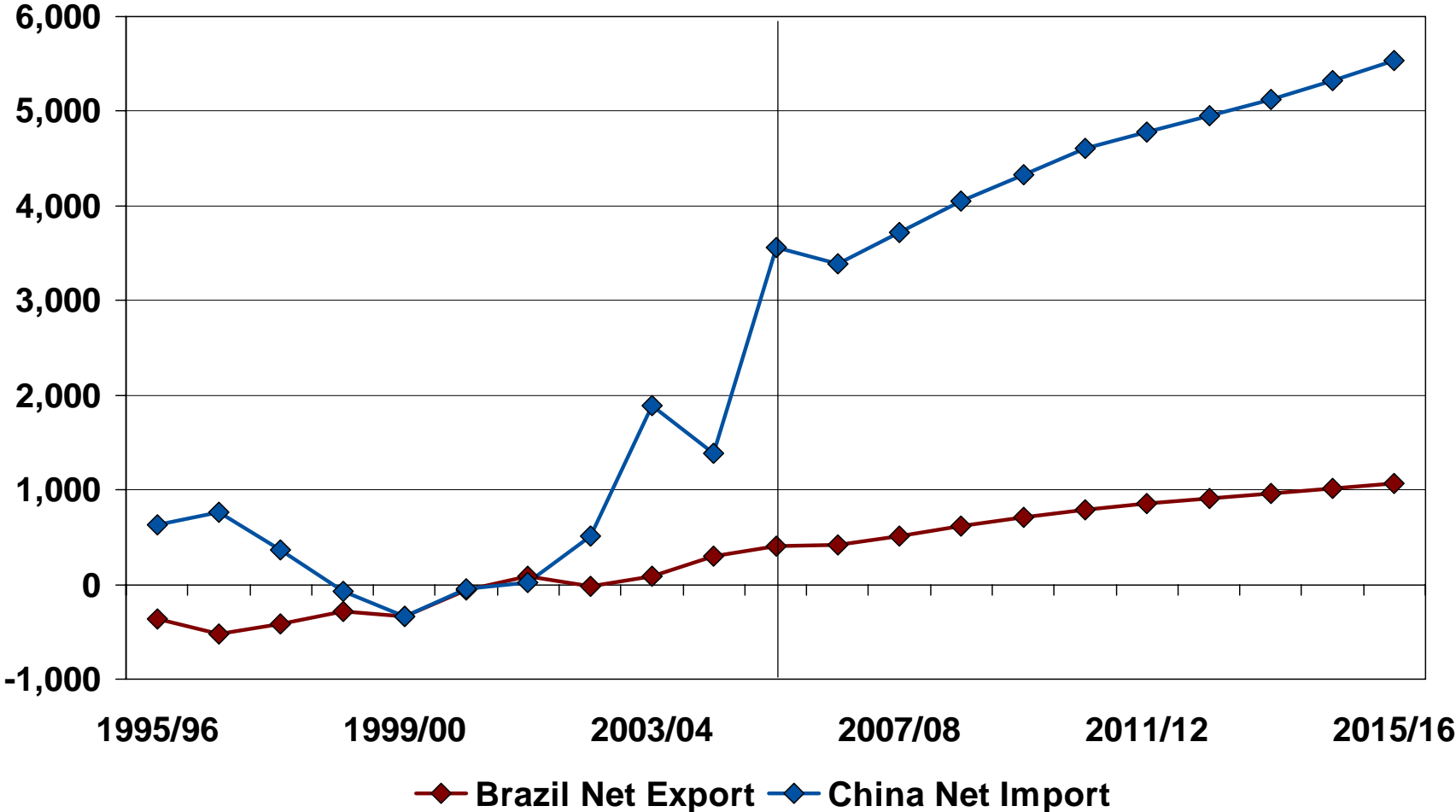


Share of Brazilian Sugarcane in Ethanol Production



World Cotton Trade

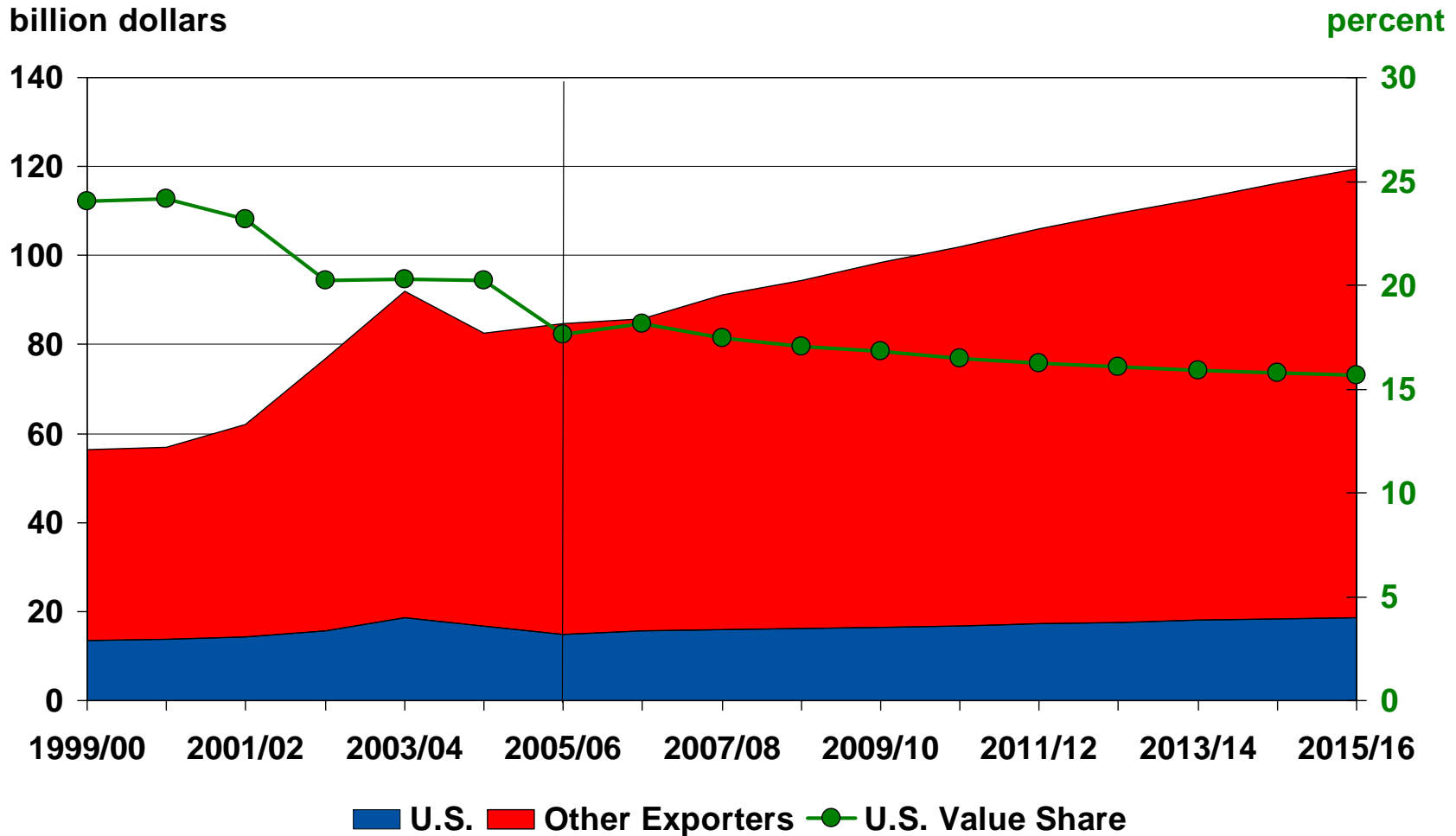
thousand mt



FAPRI 2006 World Outlook

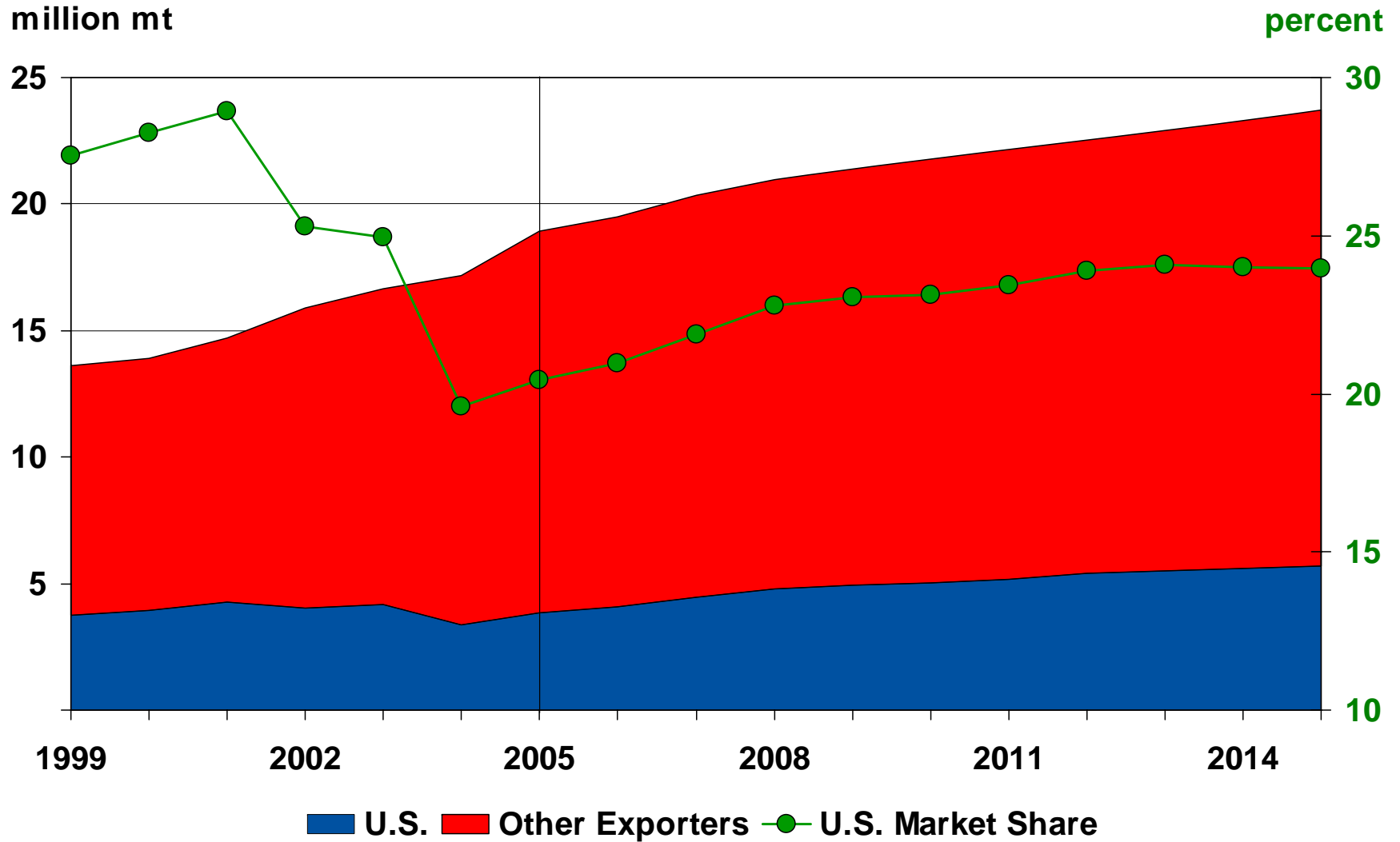
Conclusion

World Crop Trade and U.S. Value Share



Crops include wheat, rice, corn, sorghum, barley, soybeans, rapeseed, peanuts, and sunflower.

World Meat Trade and U.S. Market Share





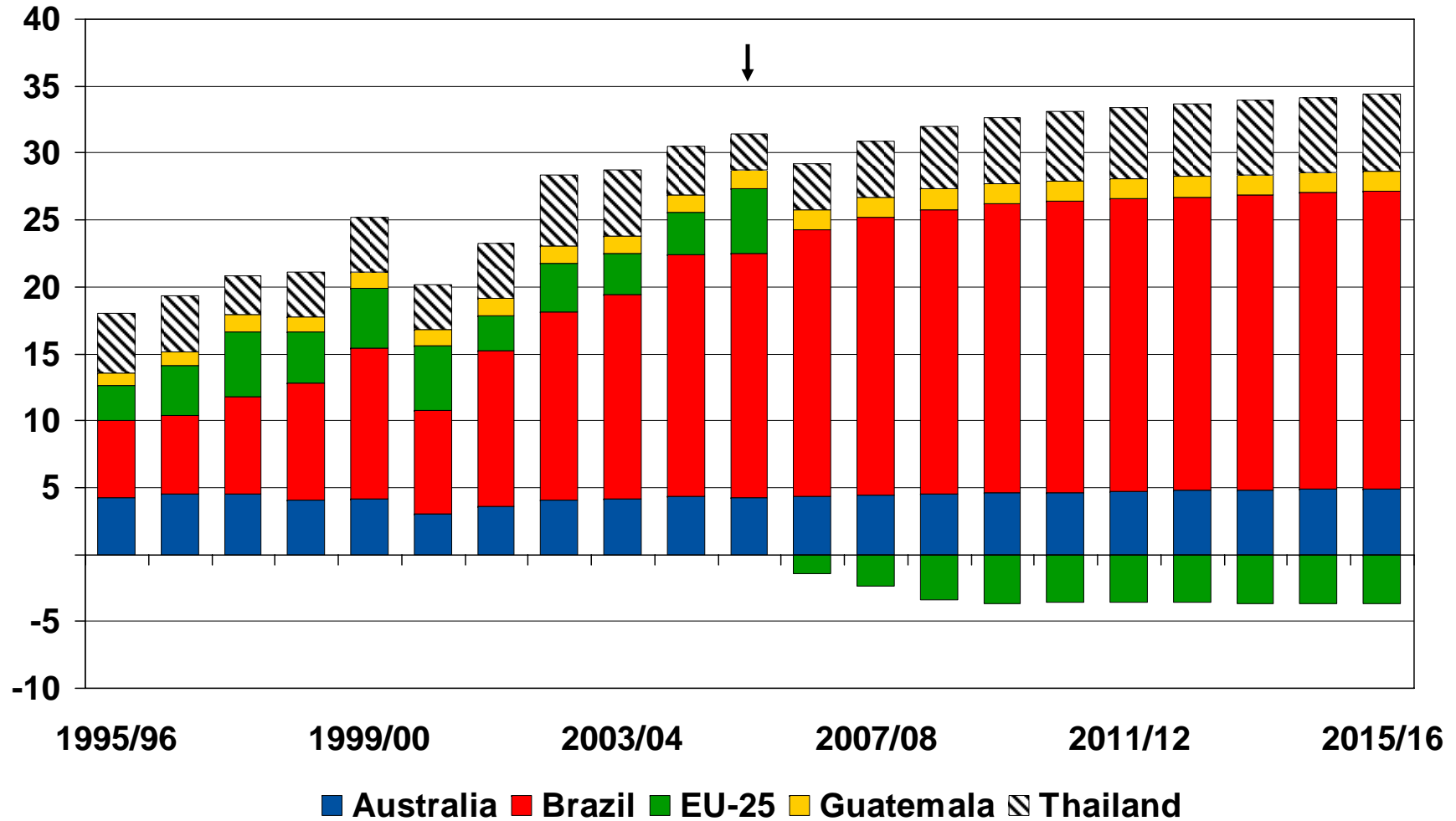
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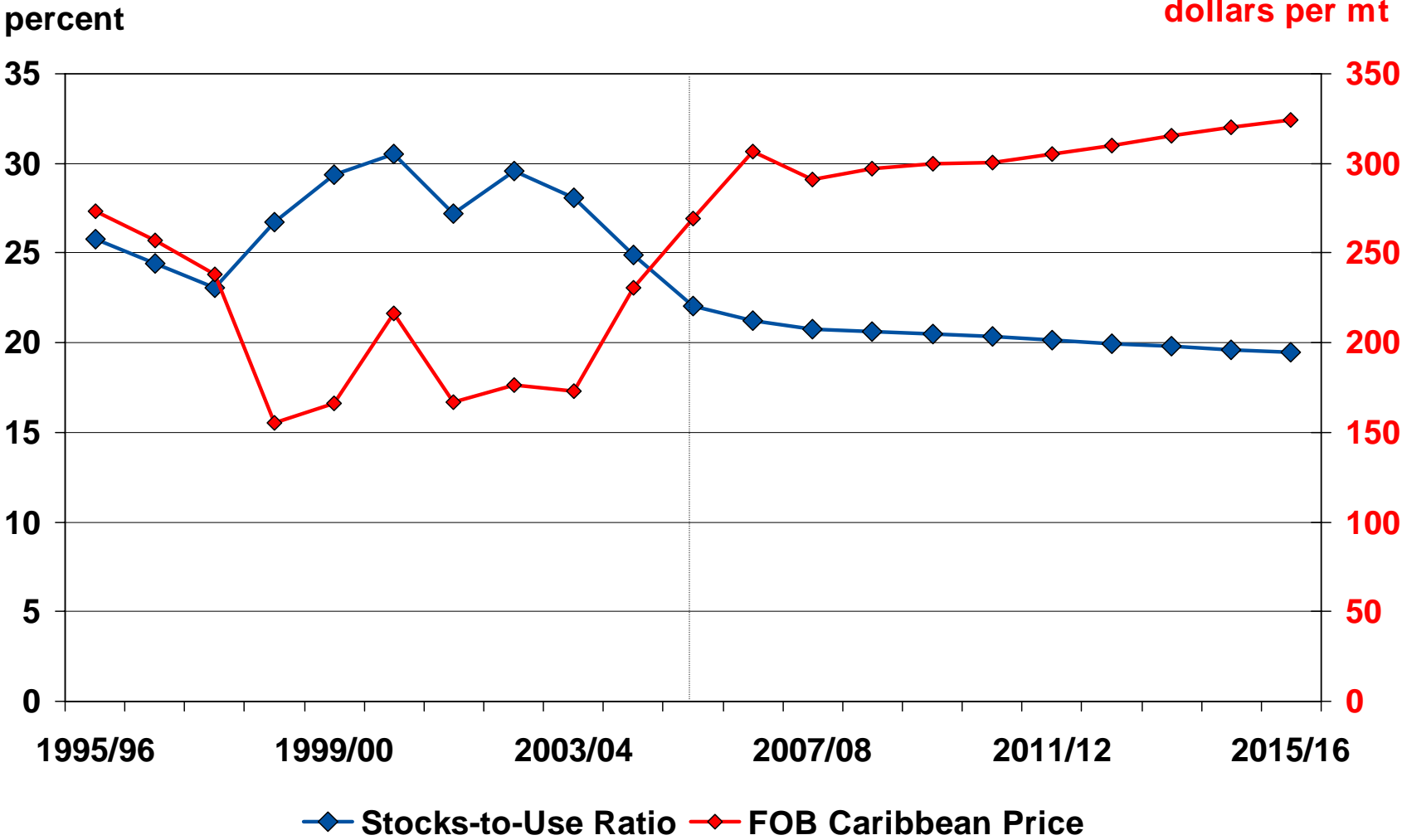
Thank You!

Major Sugar Exporters

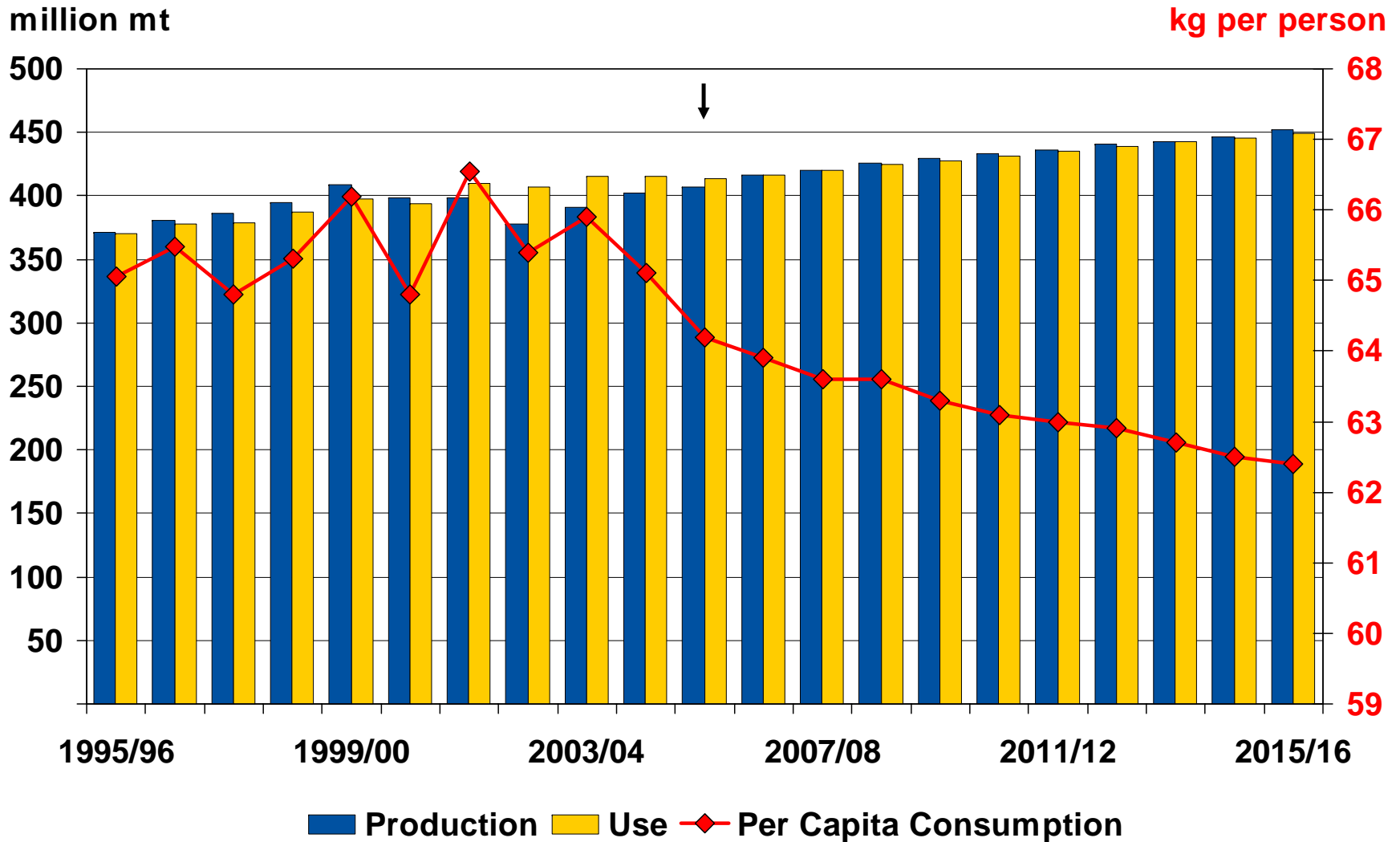
million mt



Sugar Stock-to-Use Ratio and Price



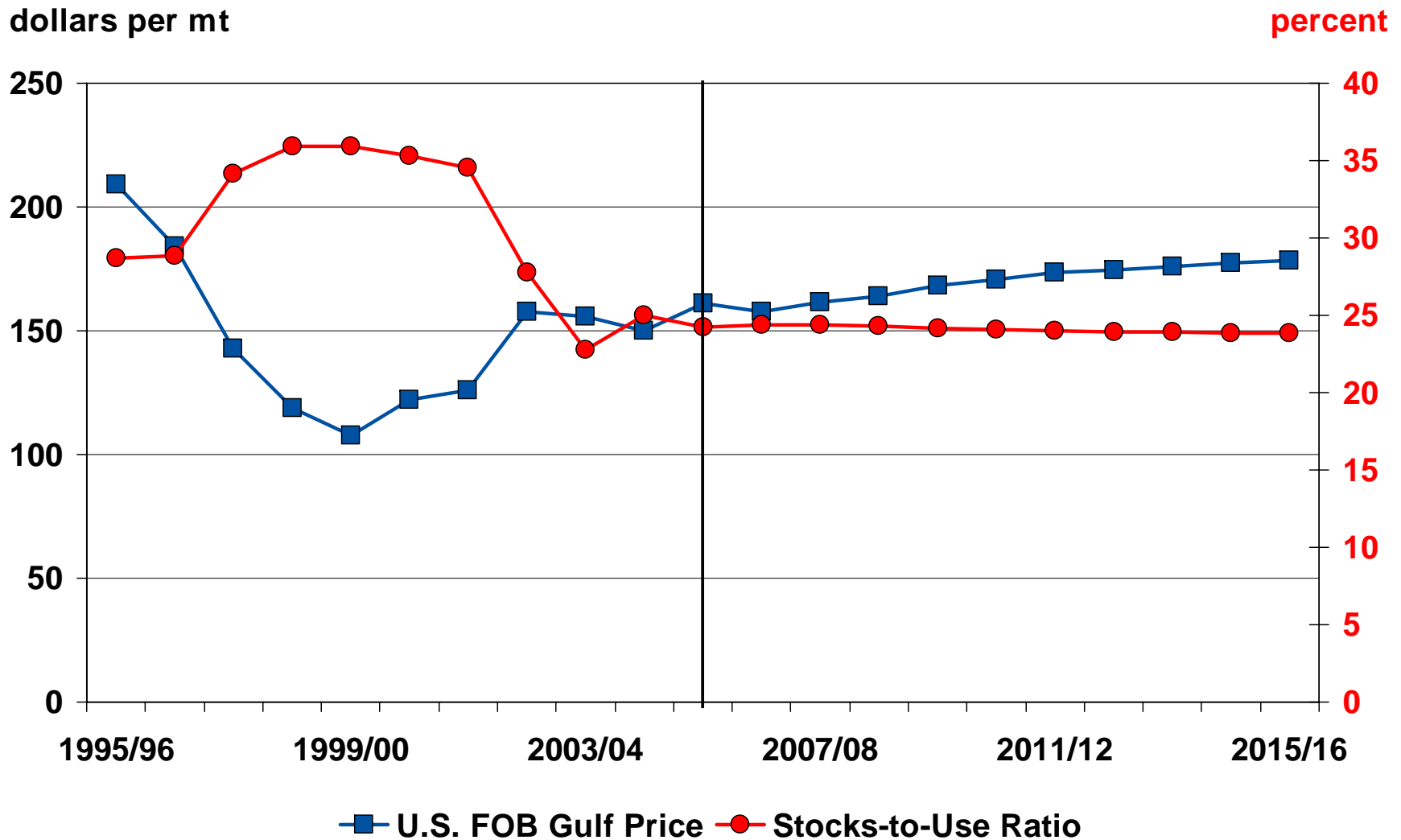
World Rice Production, Use, and Per Capita Consumption



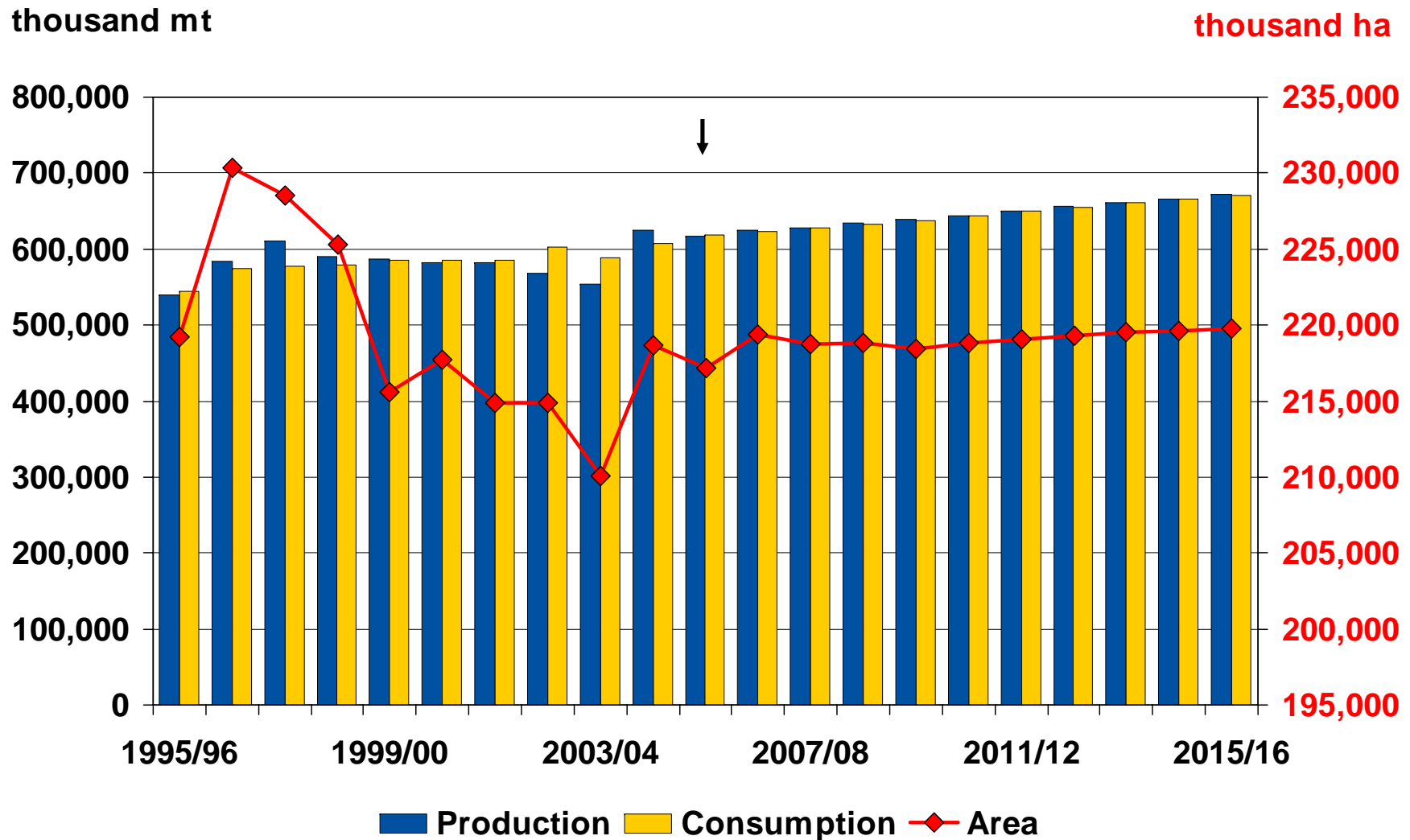
EU-15 CAP Reform and Enlargement

Policy	2004	2005	2006	2007	2008
Decoupling			(percent)		
Livestock and Dairy	0	23	47	70	70
Crops	0	33	67	100	100
Modulation	0	3	4	5	5
Set-aside					
EU15	5	10	10	10	10
EU NMS	0	0	0	10	10
Top-up Payments	20	27	22	17	7
			(euro per ha)		
Durum Aid	313	291	285	285	285
Dairy Quota			(mmt)		
EU15	119	119	119	120	120
EU NMS	18	18	18	19	19
Target/Intervention Price			(euro per 100 kg)		
Milk	31	0	0	0	0
Butter	317	294	271	253	246
NFD	200	191	180	177	175

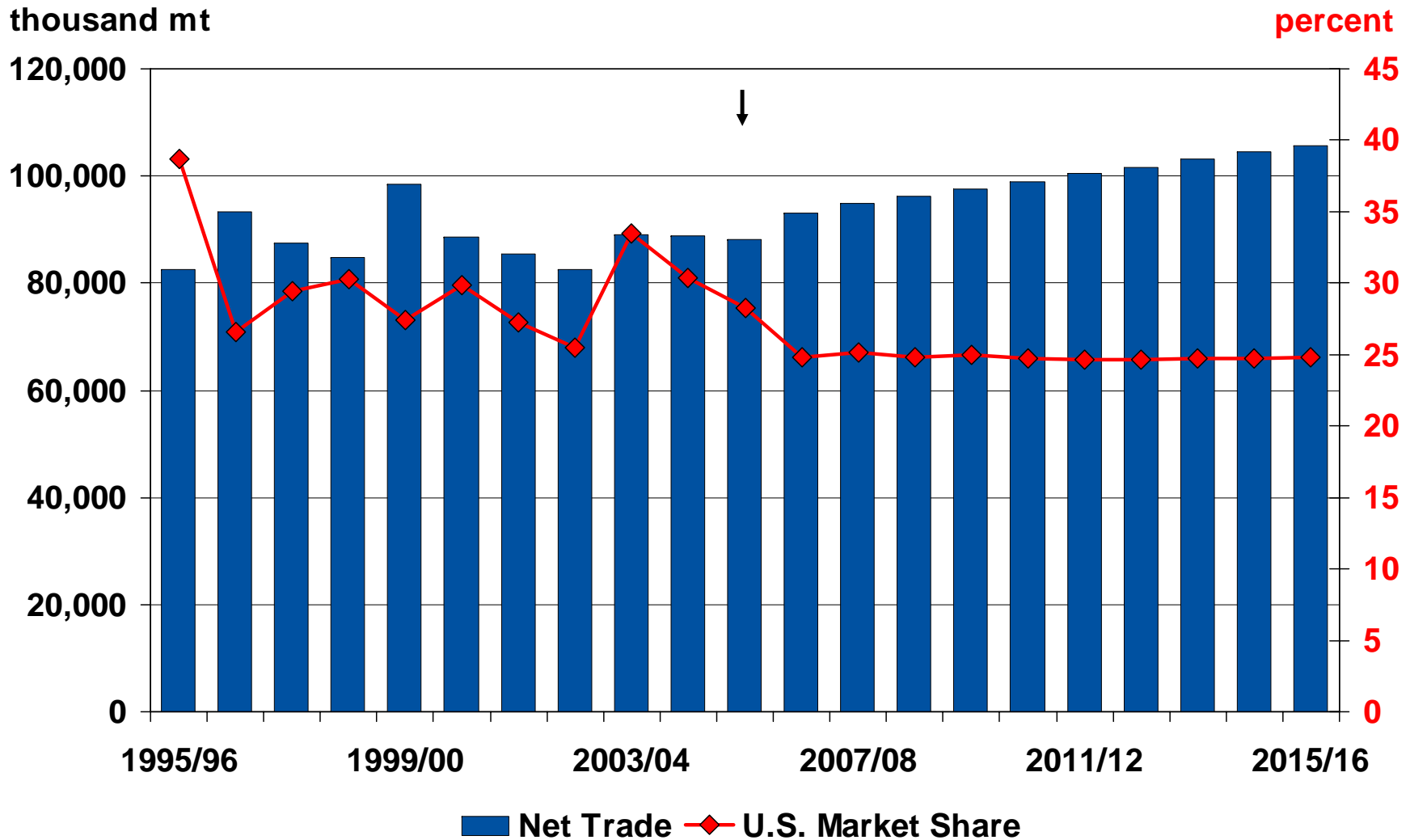
World Wheat Stocks-to-Use Ratio vs. Price



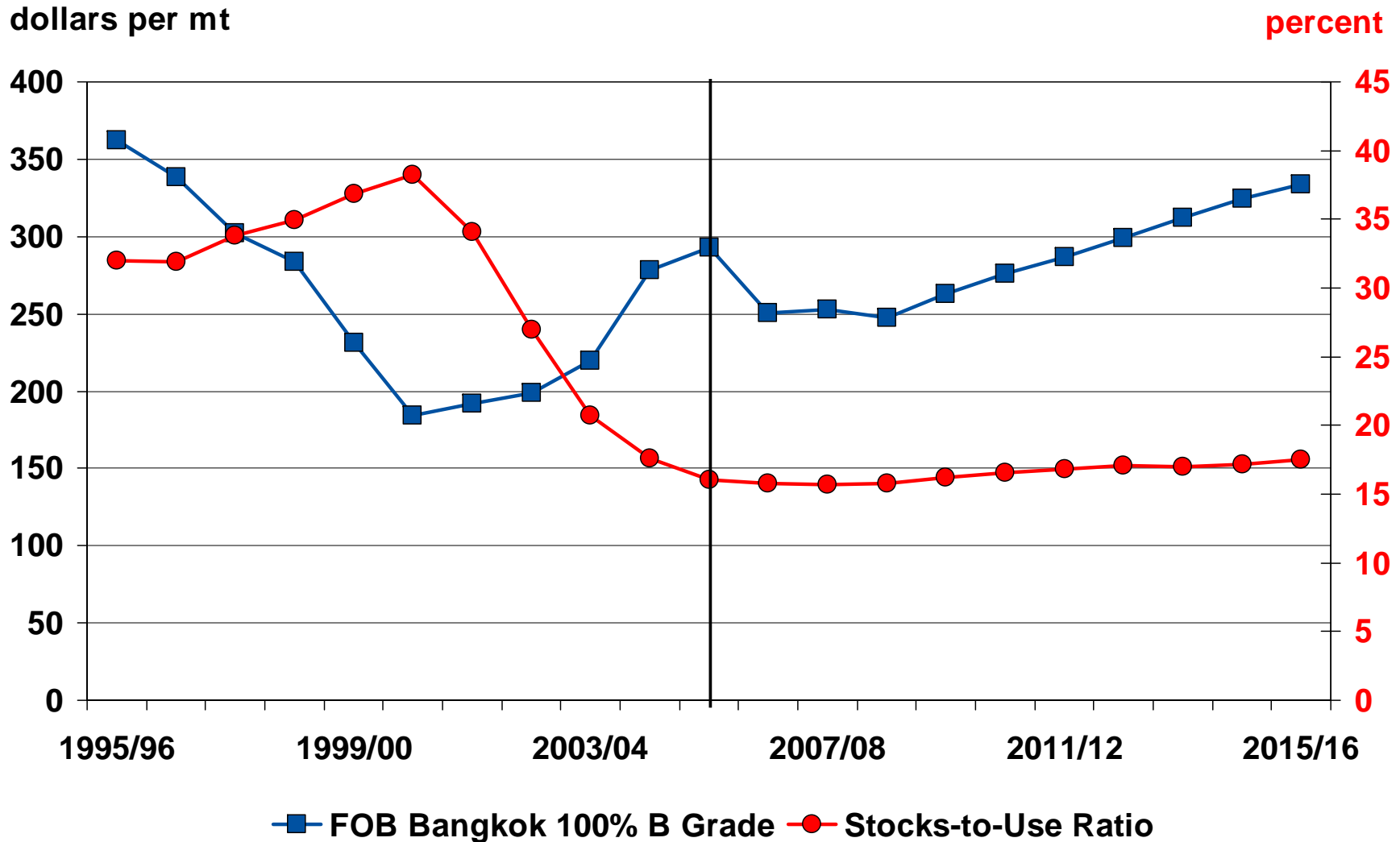
World Wheat Area, Production, and Consumption



World Wheat Trade and U.S. Market Share

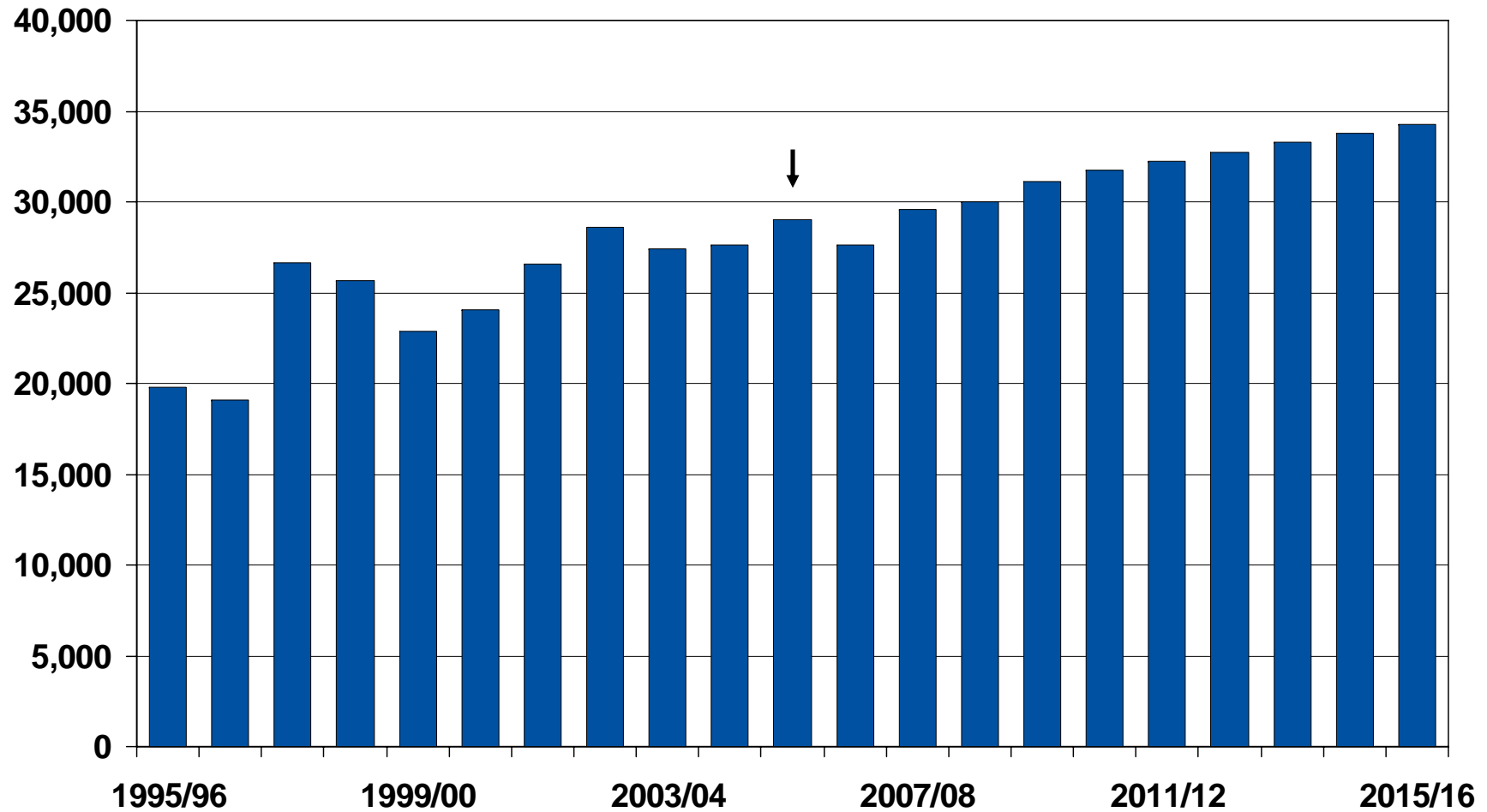


World Rice Stocks-to-Use Ratio vs. Price

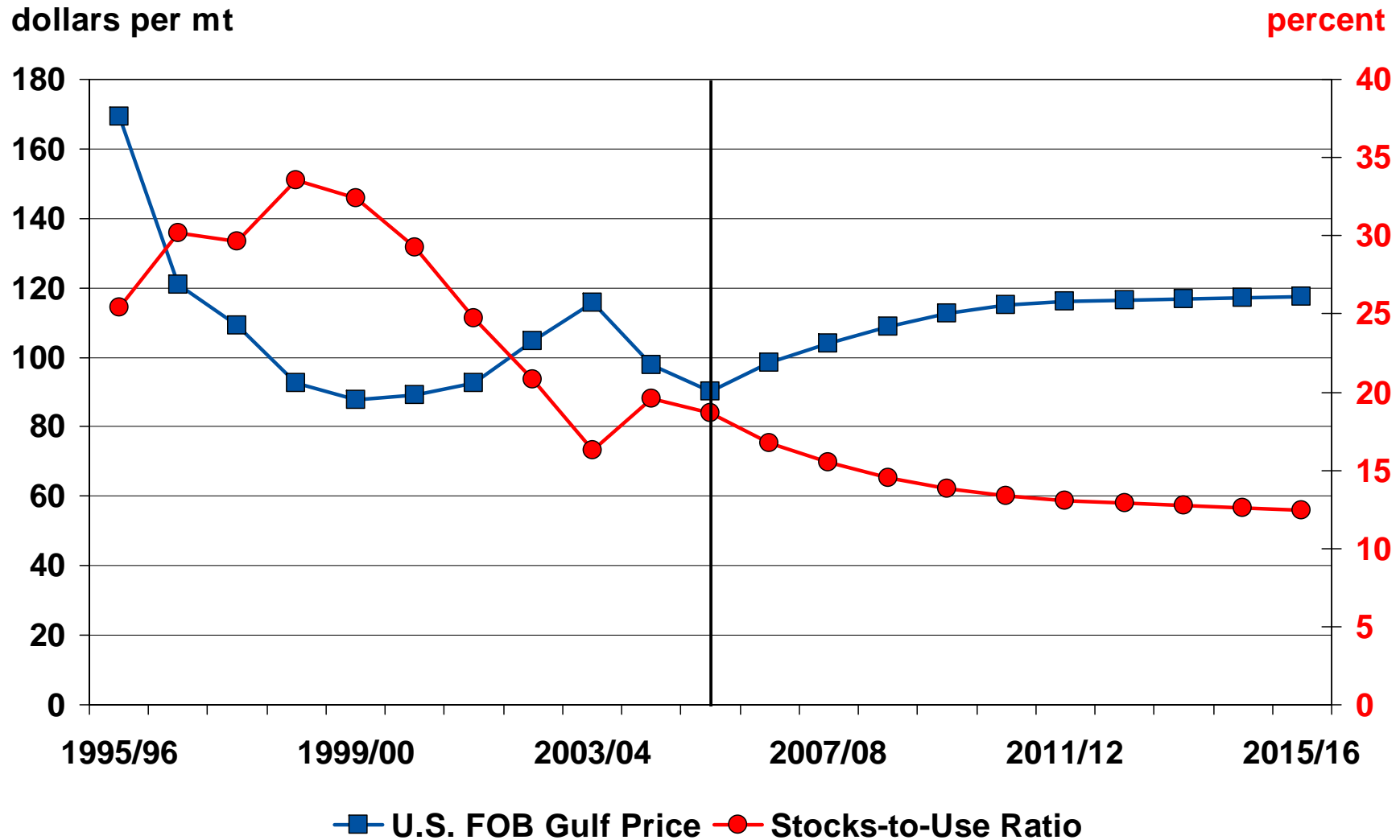


World Rice Trade

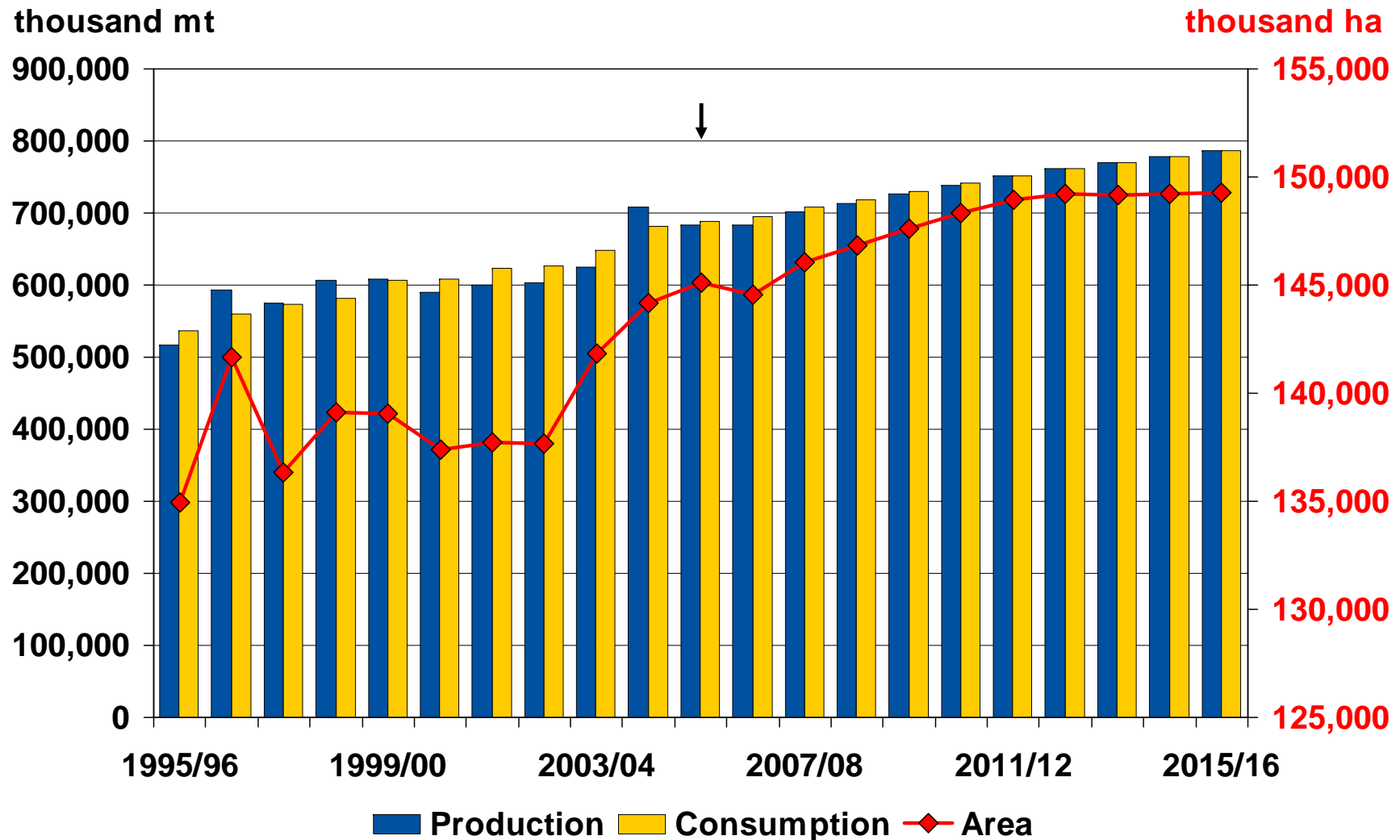
thousand mt



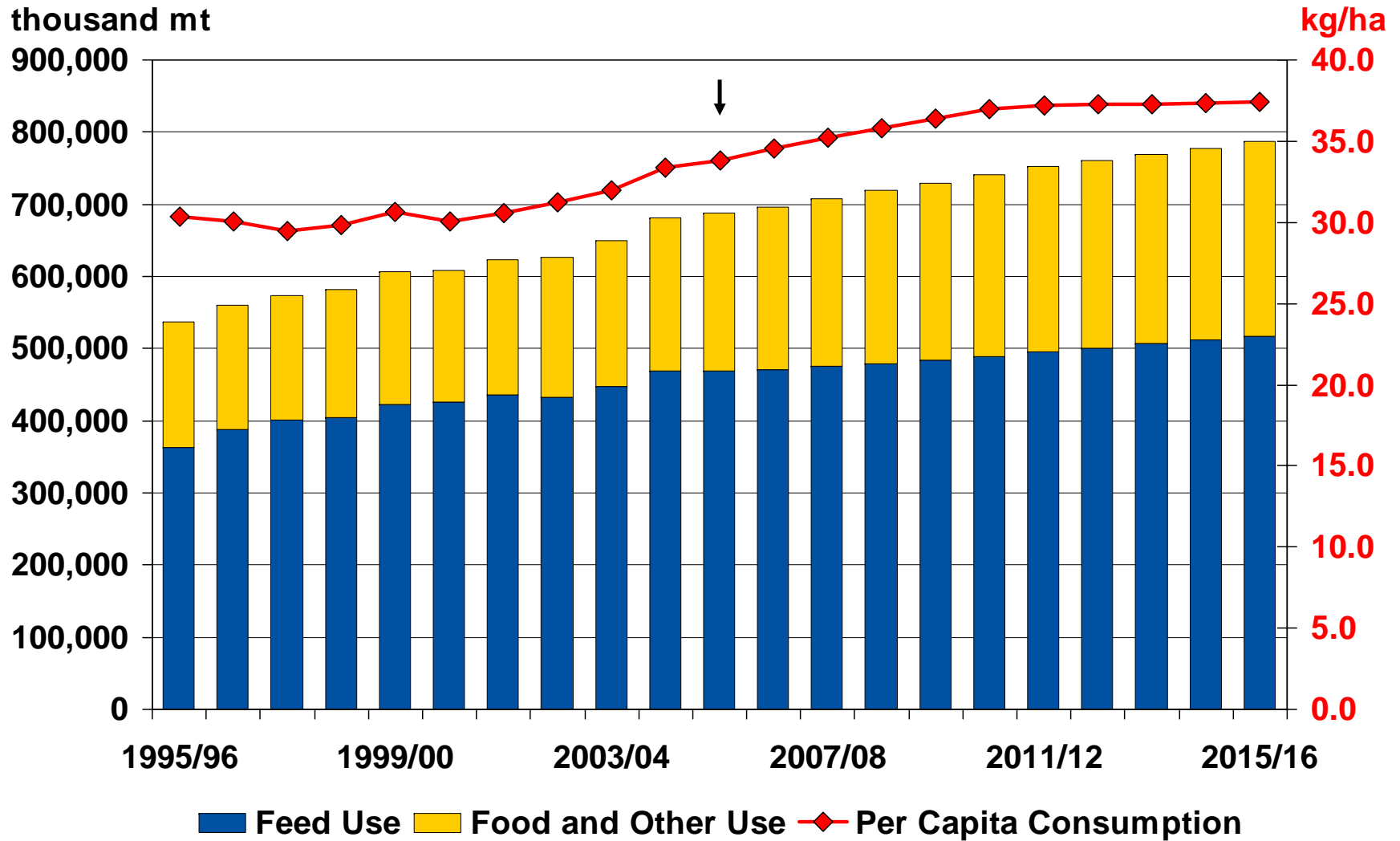
World Corn Stocks-to-Use Ratio vs. Price



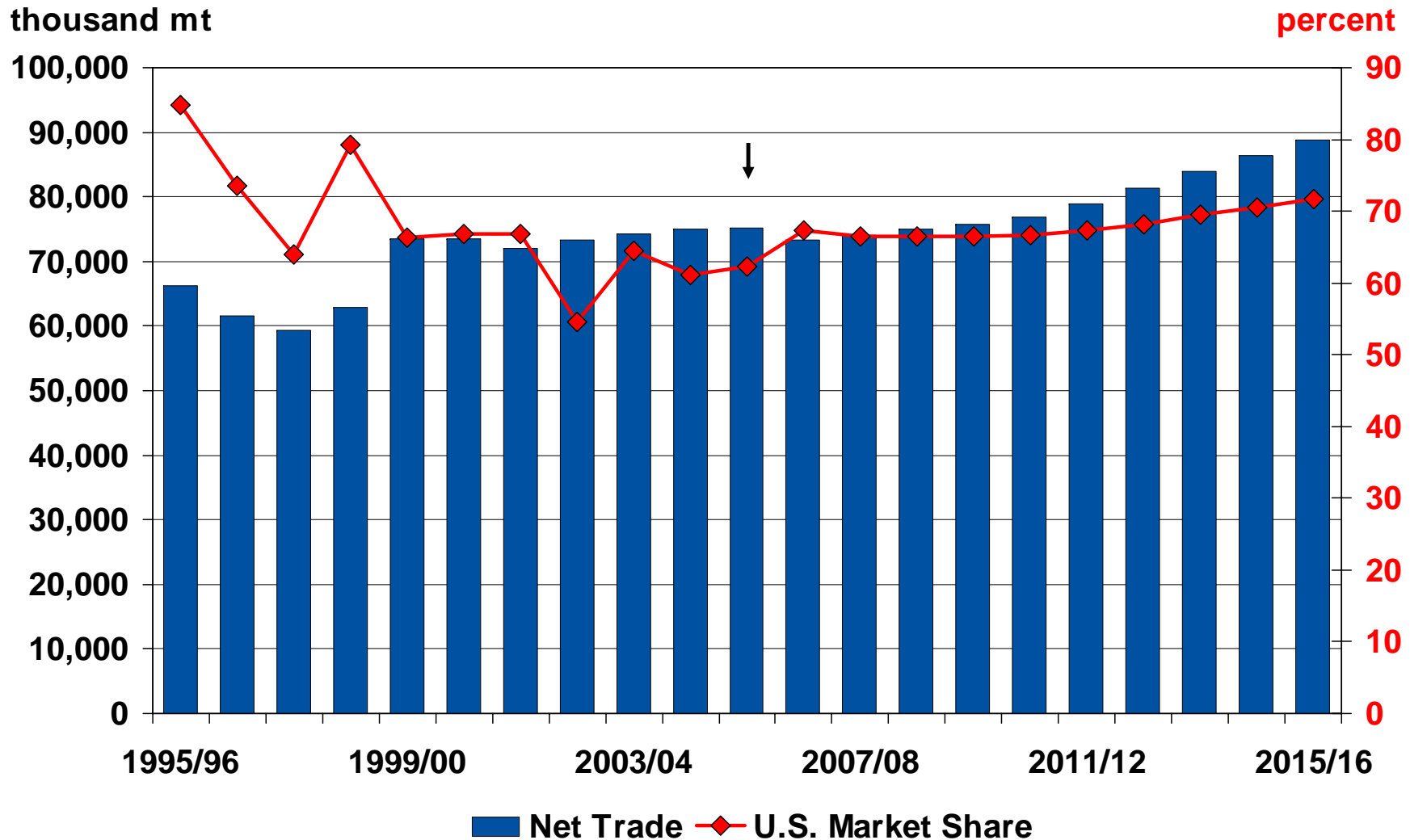
World Corn Area, Production, and Consumption



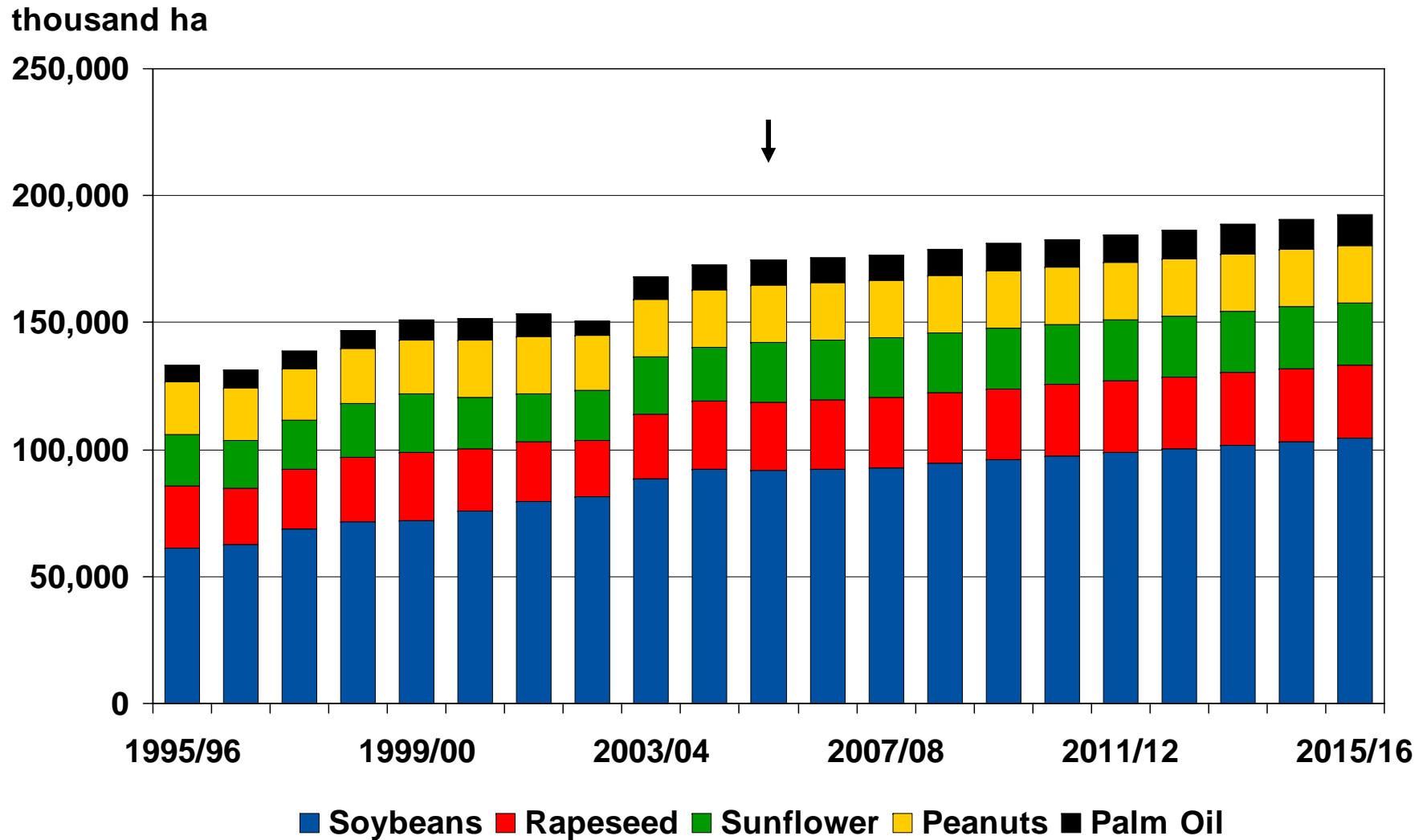
World Corn Feed, Food Use, and Per Capita Consumption



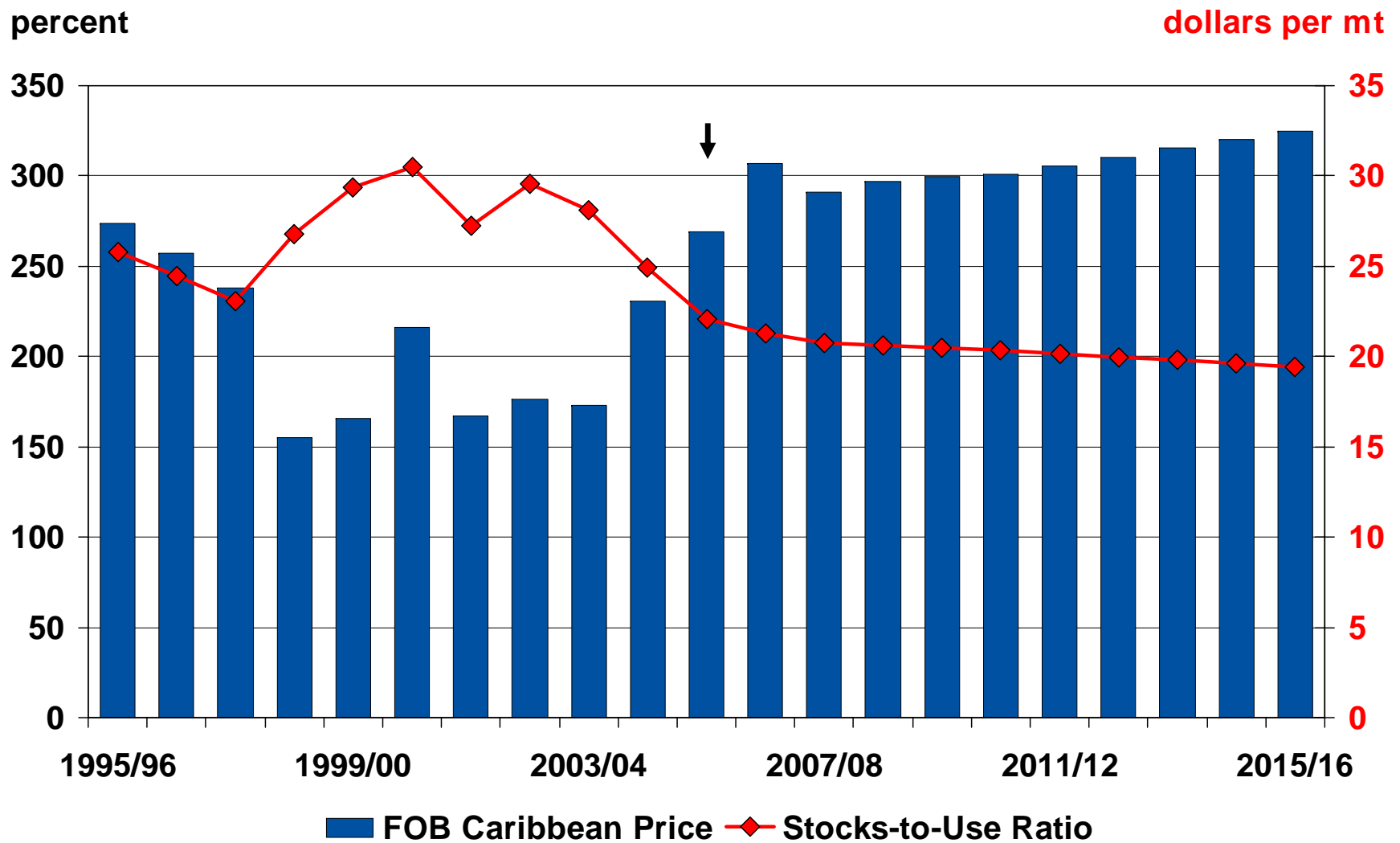
World Corn Trade and U.S. Market Share



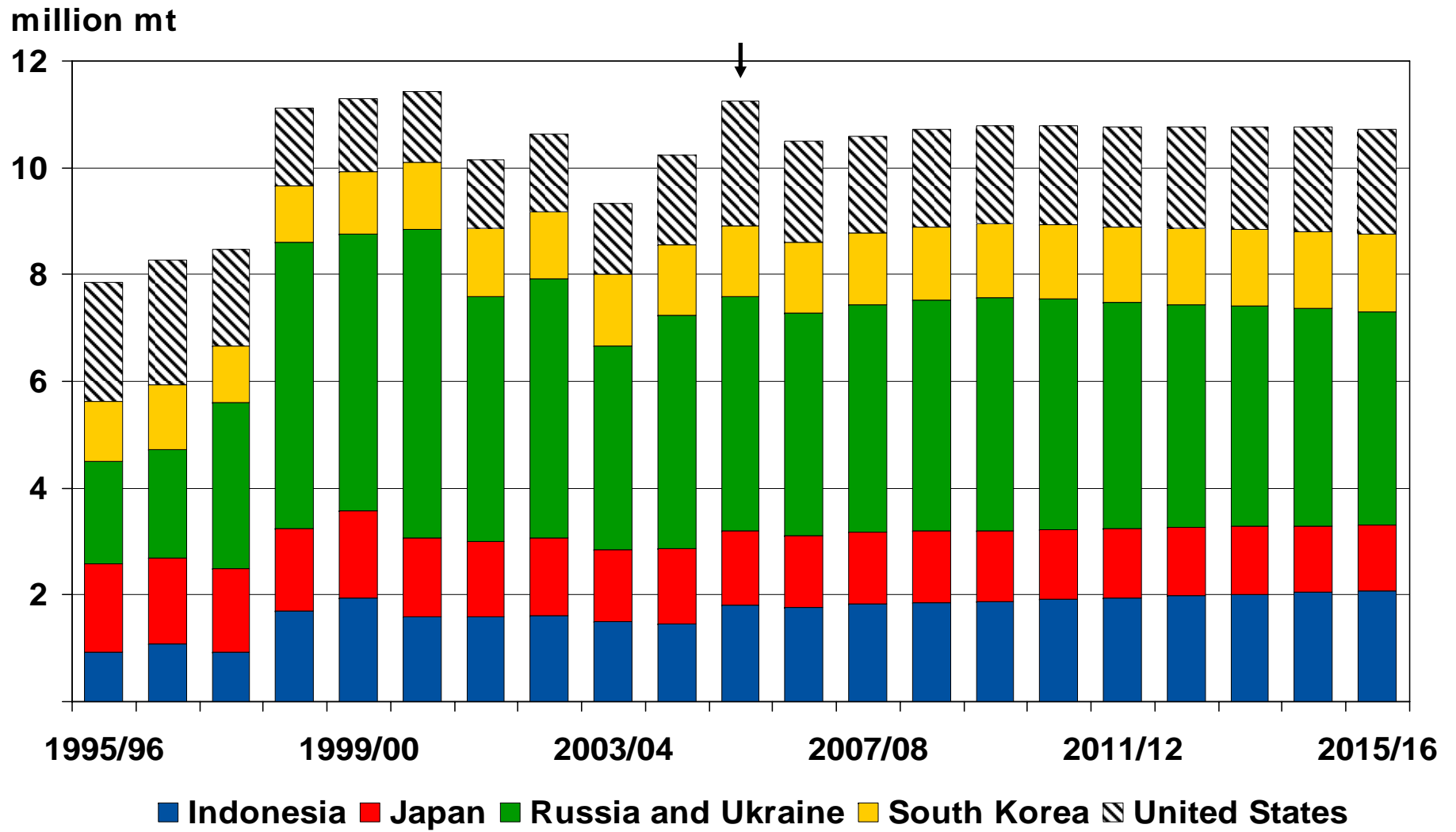
World Oilseed Area



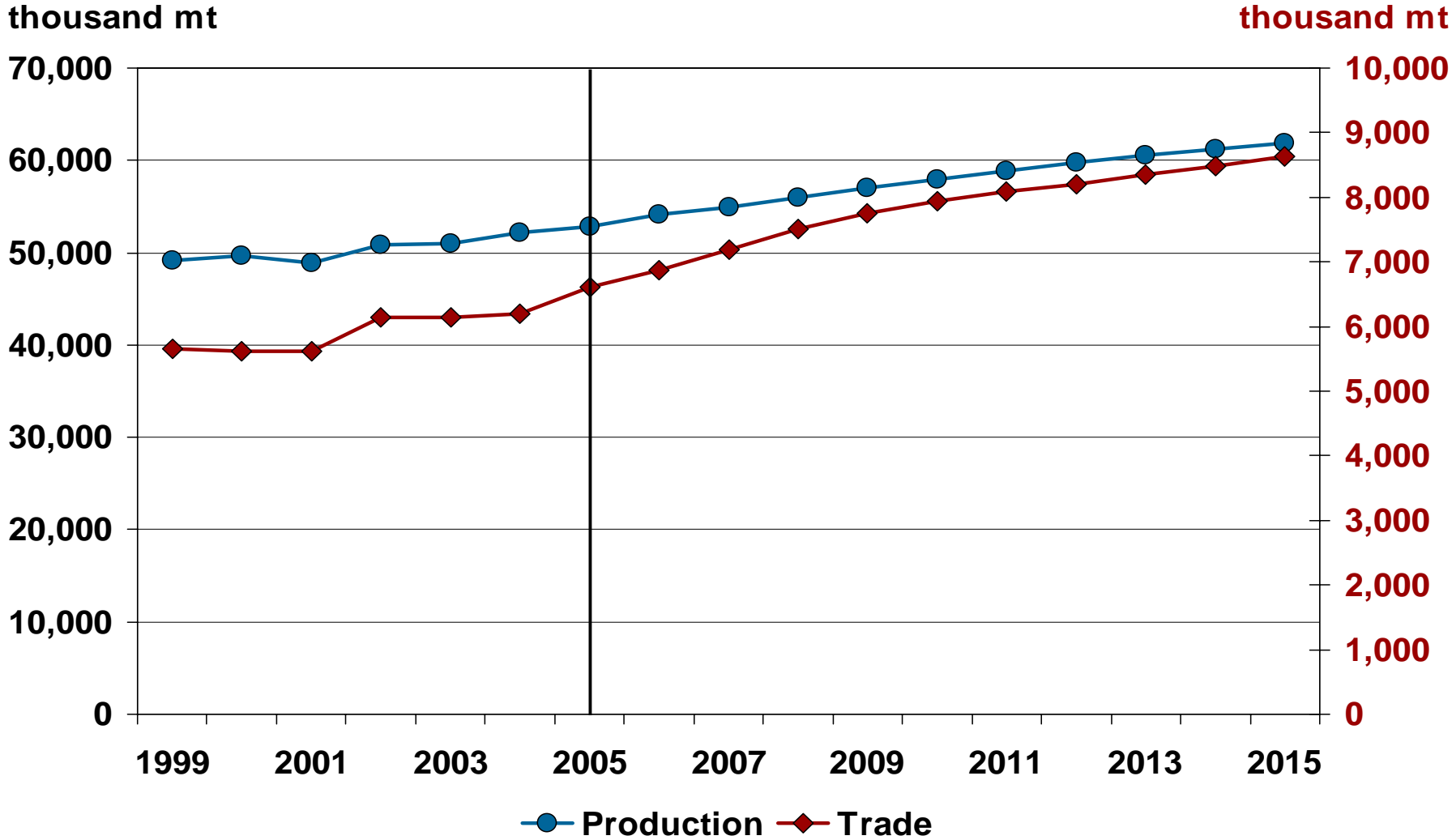
World Sugar Stocks-to-Use Ratio vs. Price



Major Sugar Importers

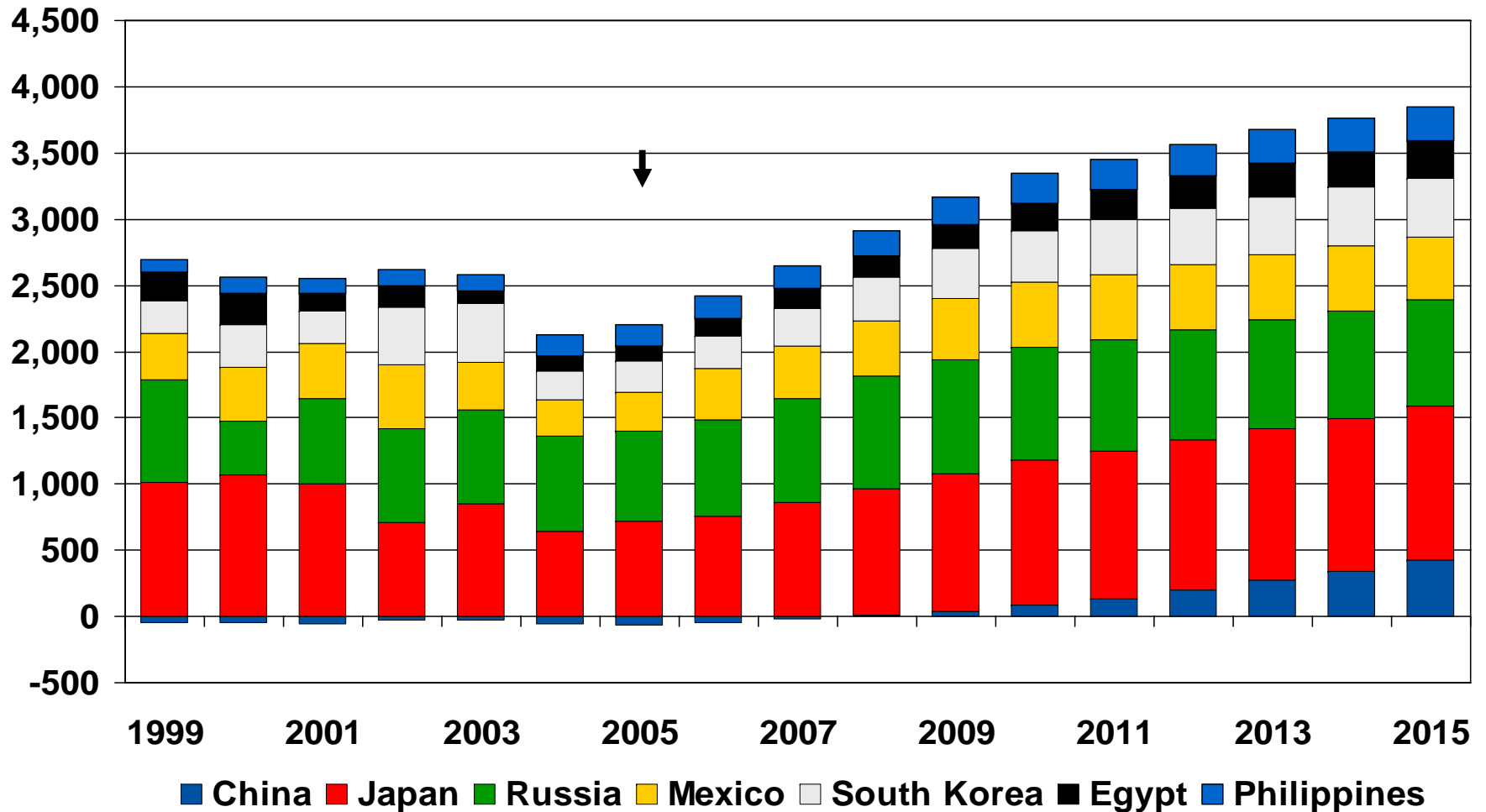


World Beef Production and Trade

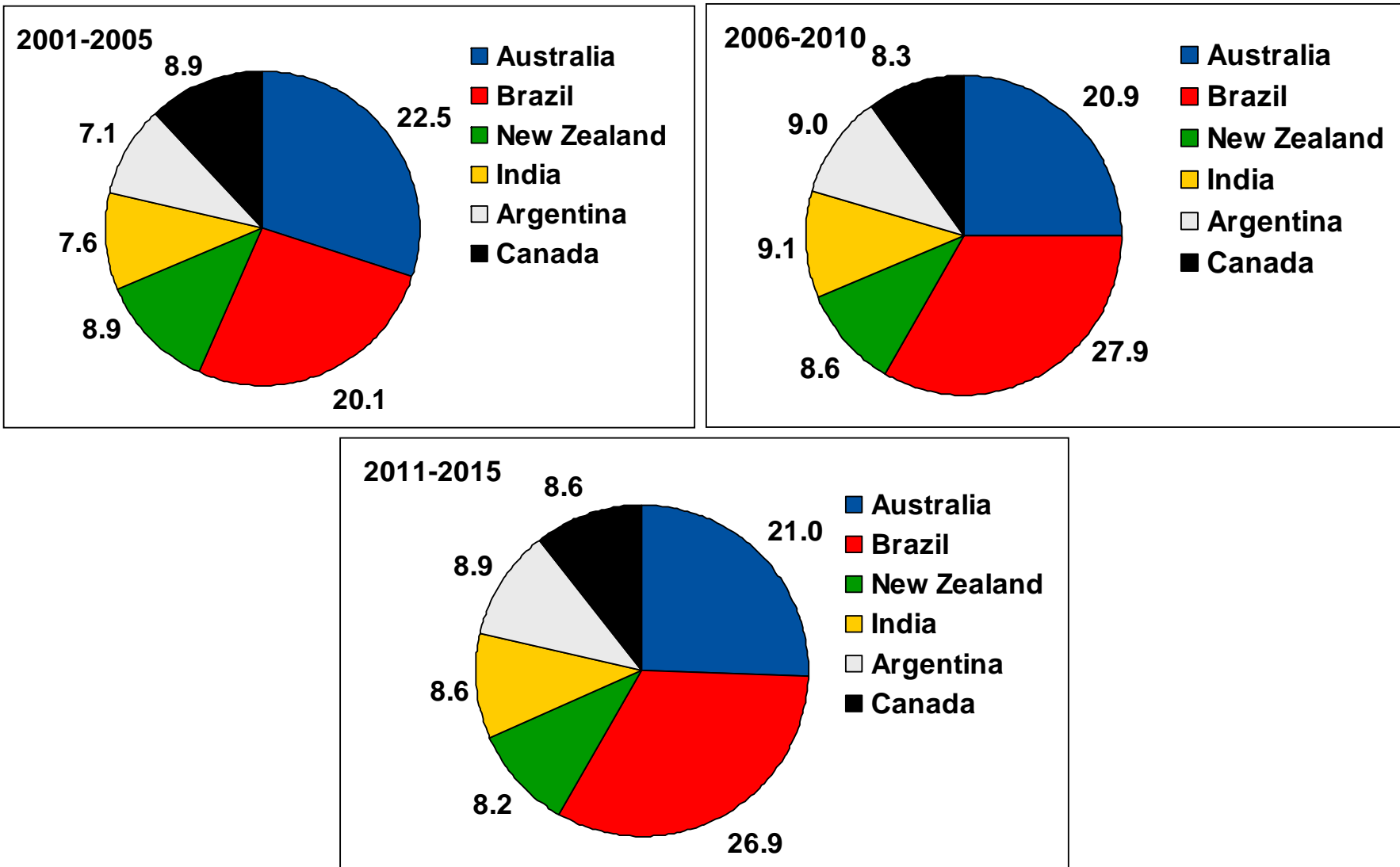


Major Beef Importing Countries

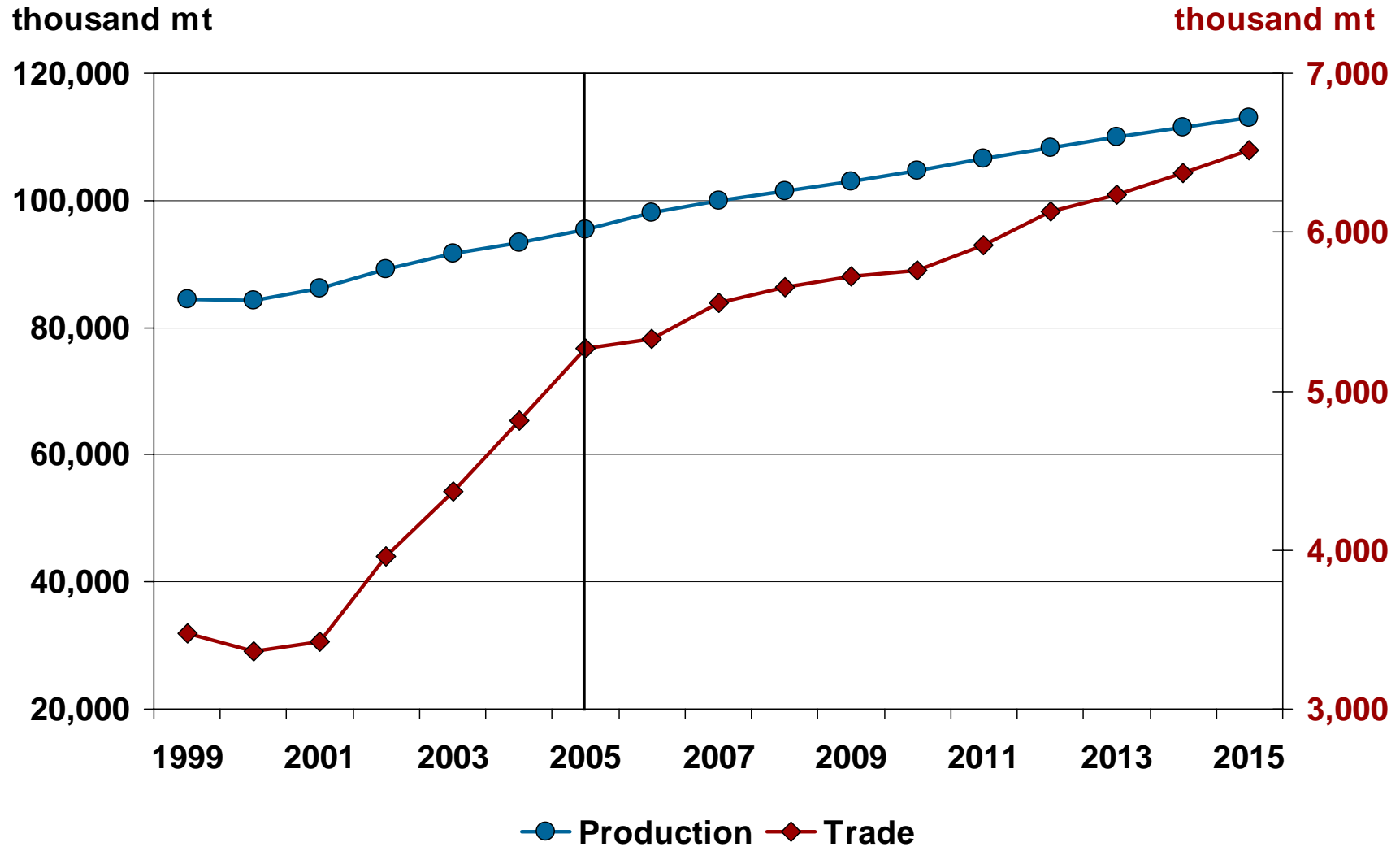
thousand mt



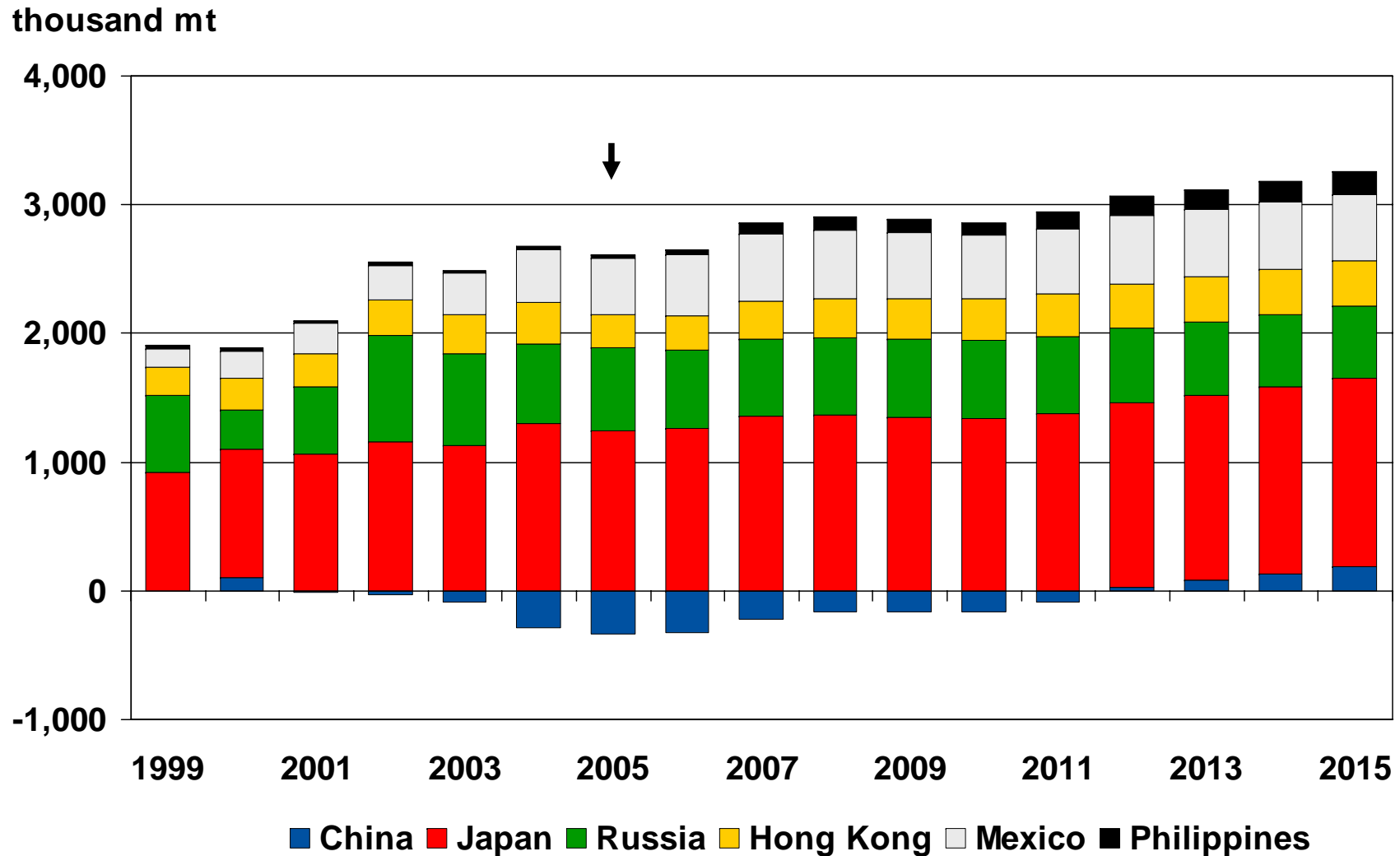
Beef Export Market Share (percent)



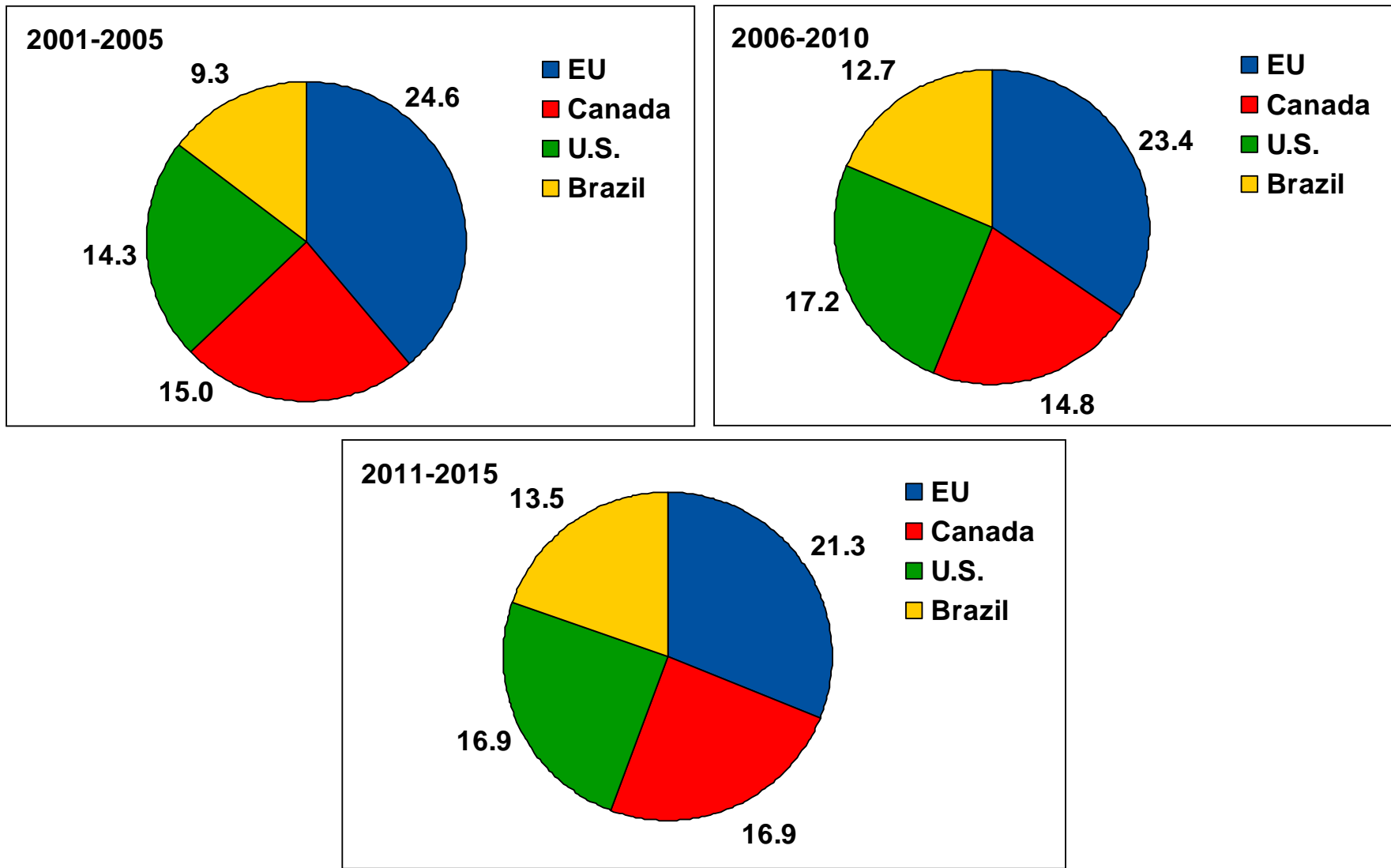
World Pork Production and Trade



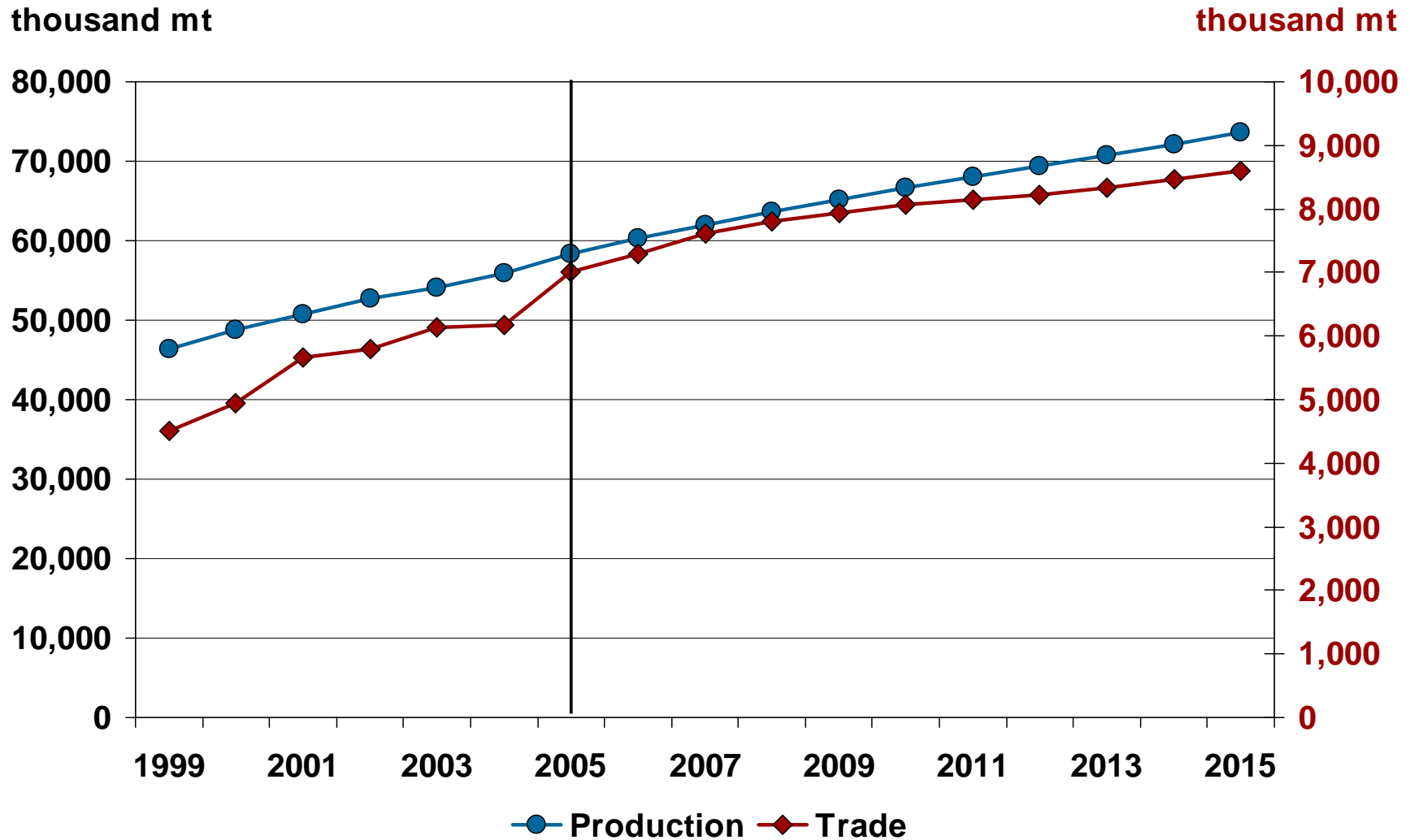
Major Pork Importing Countries



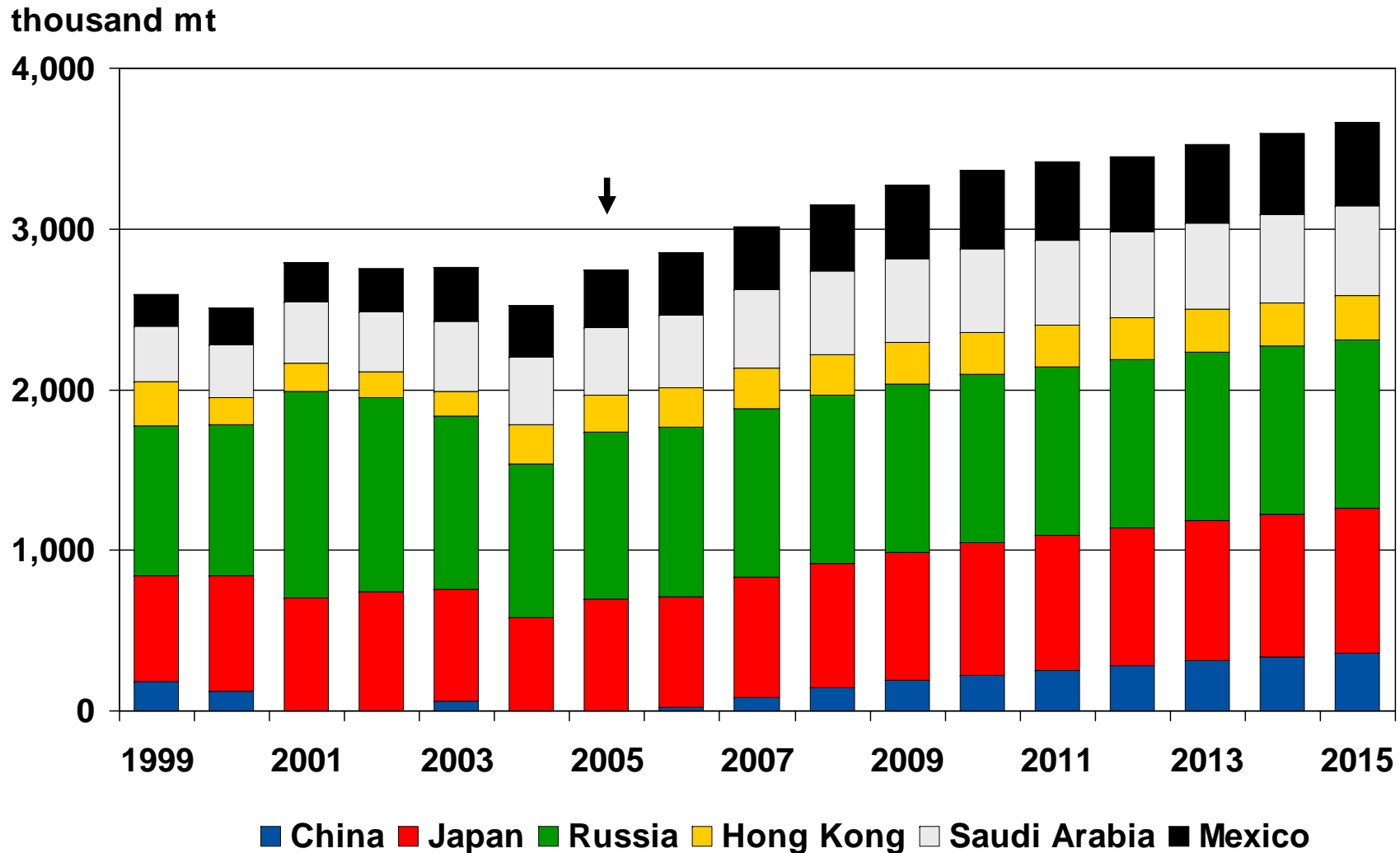
Pork Export Market Share



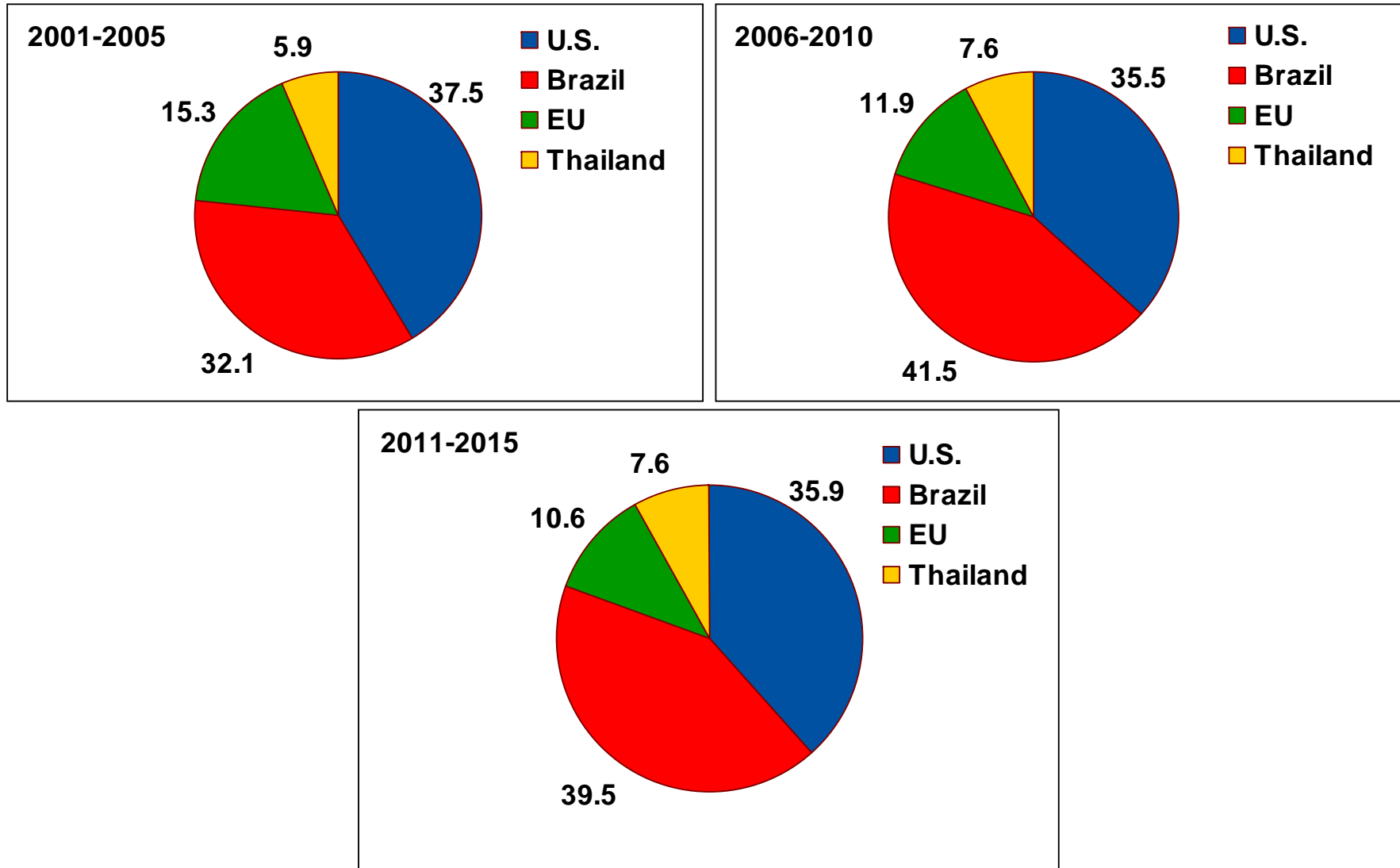
World Broiler Production and Trade



Major Broiler Importing Countries

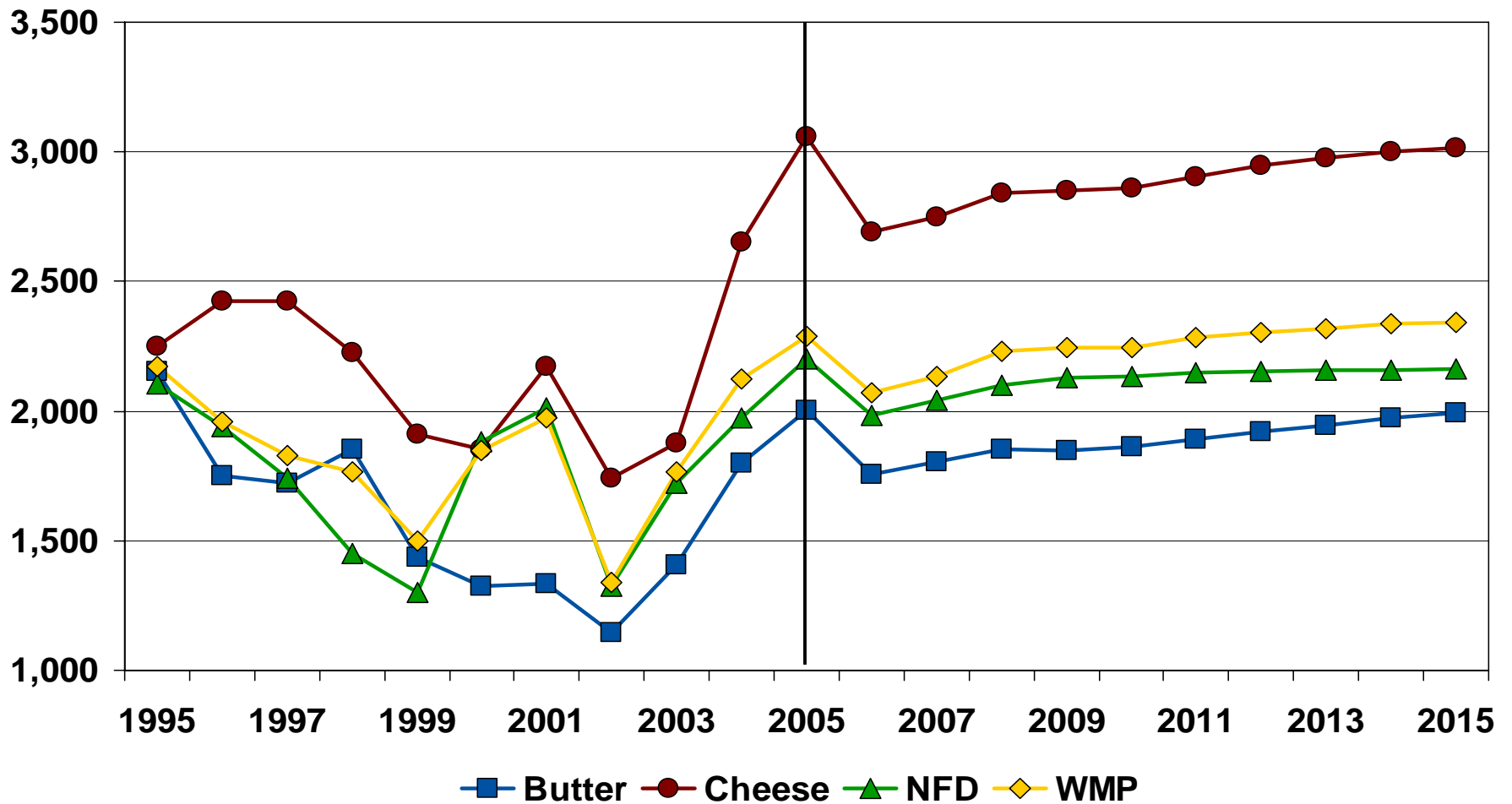


Broiler Export Market Share



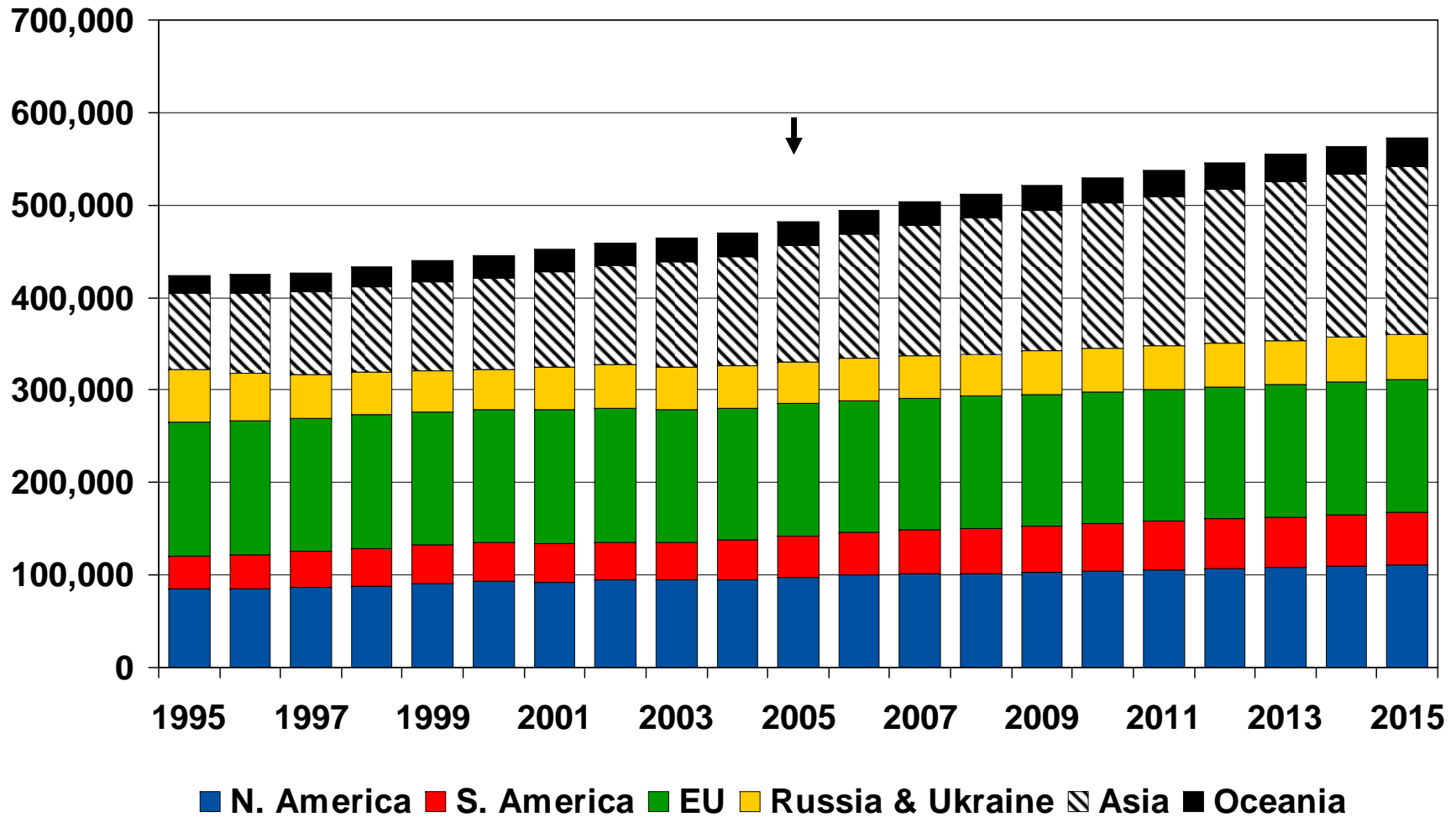
FOB Northern European Dairy Product Prices

dollars per mt



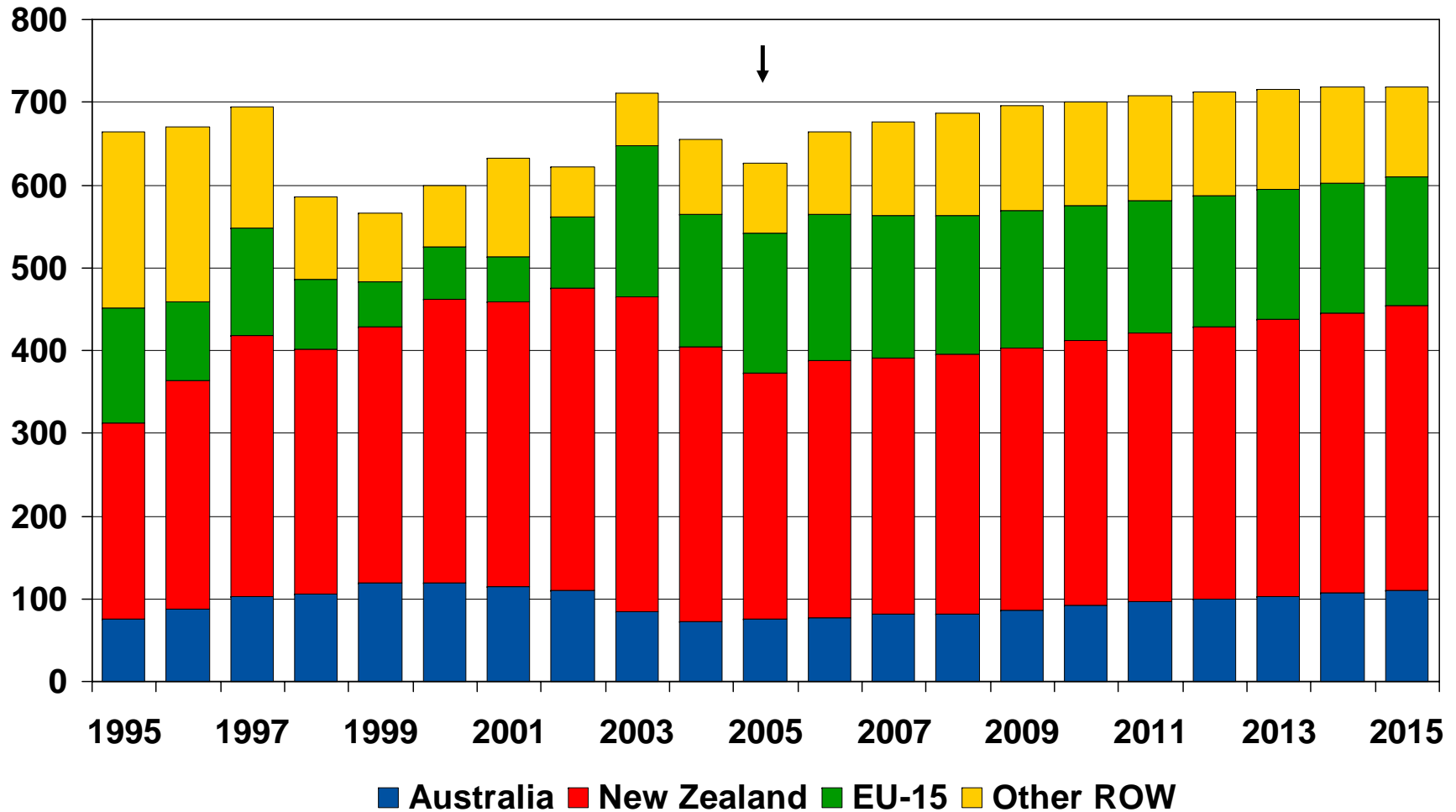
Annual Growth in Milk Production and Total World Output

thousand mt



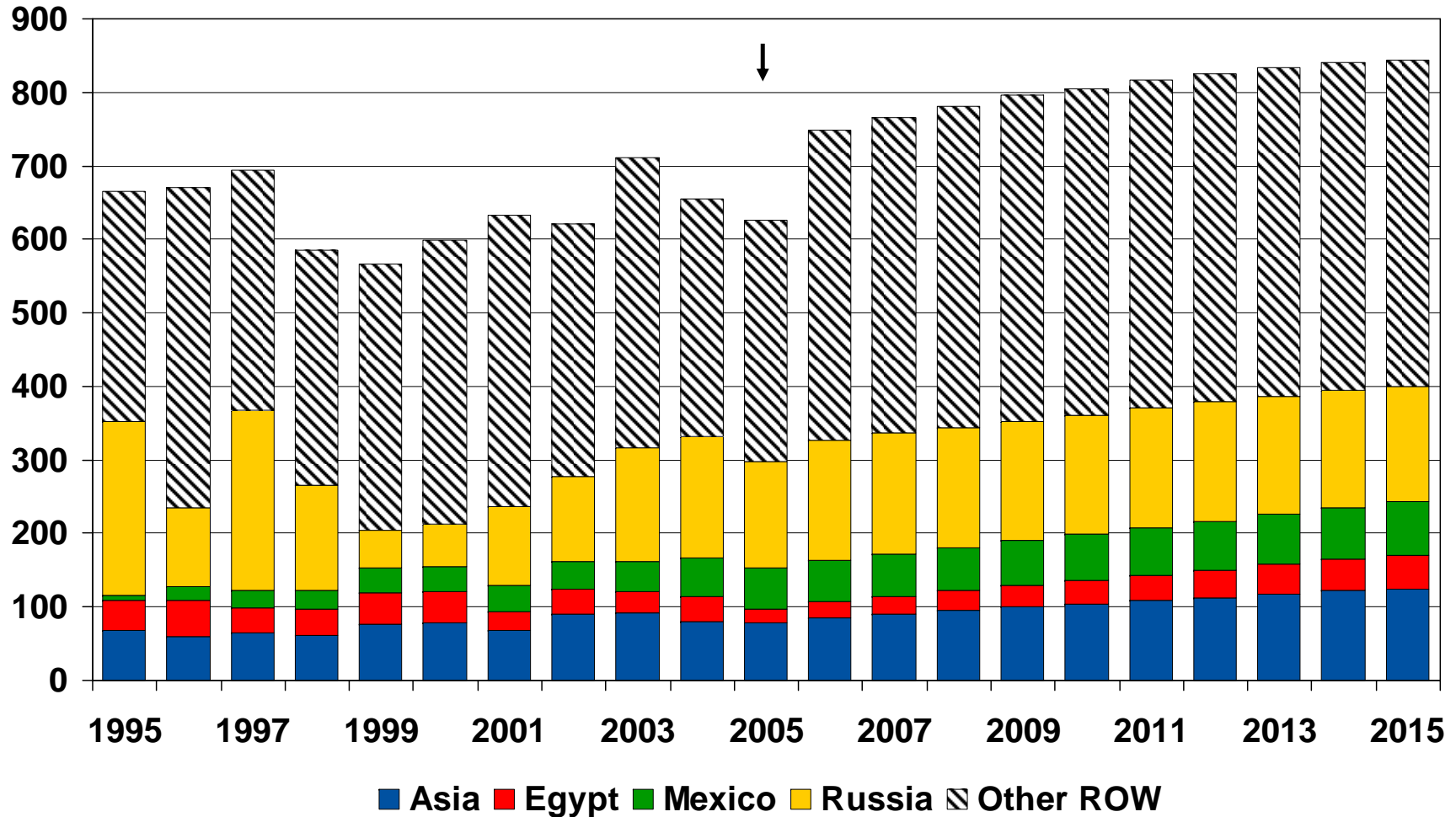
Butter Net Exports for Selected Countries

thousand mt

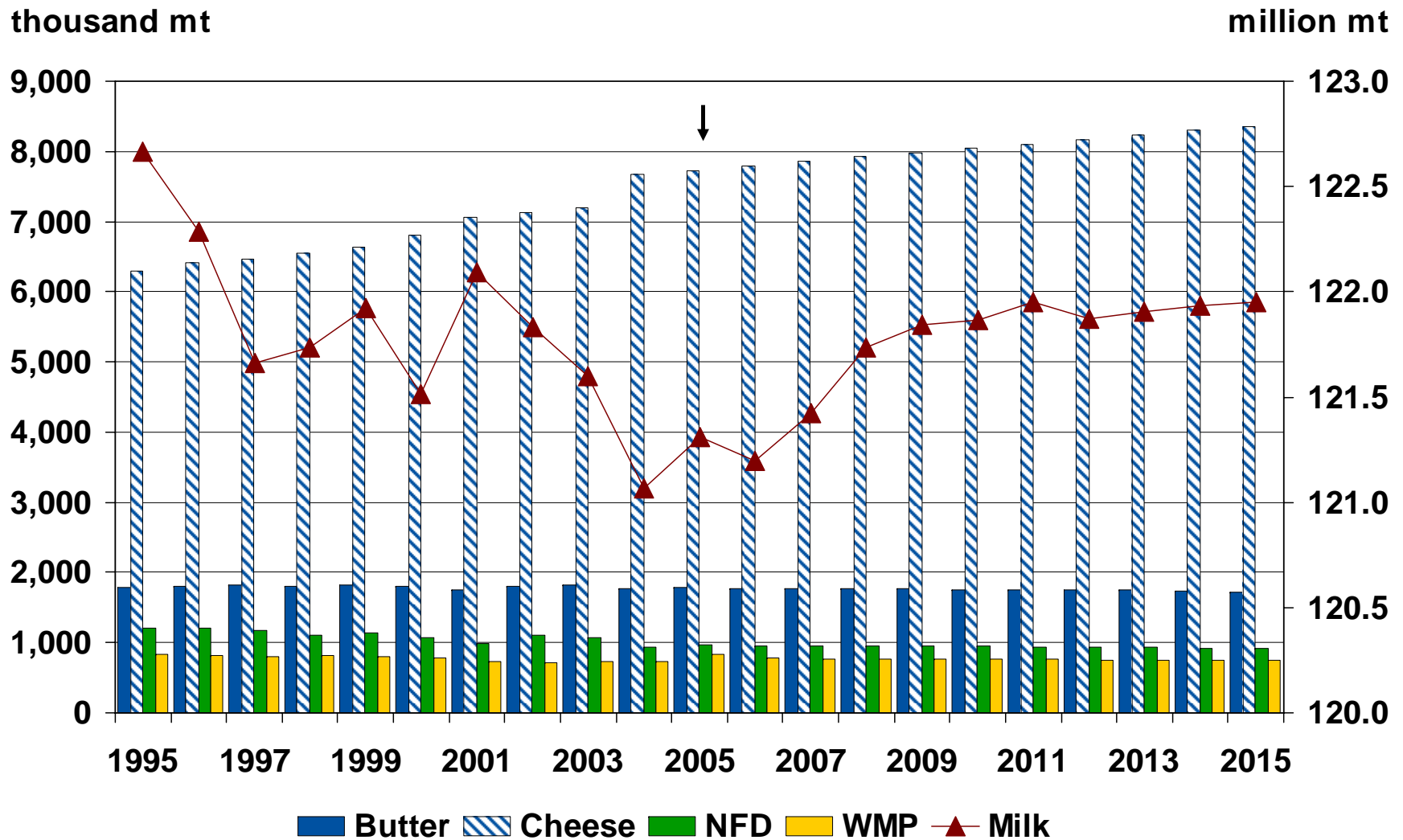


Butter Net Imports for Selected Countries

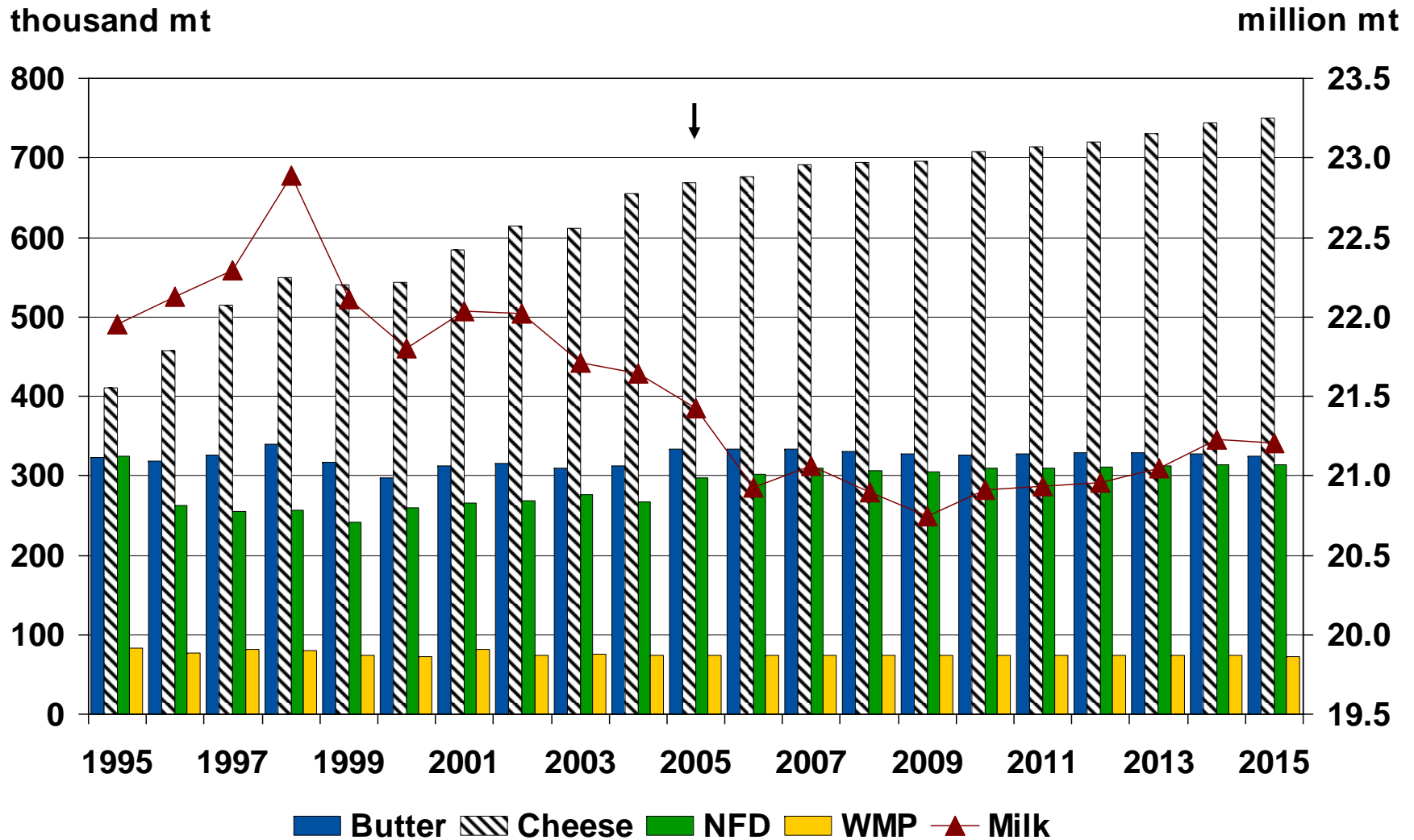
thousand mt



EU-15 Dairy Production

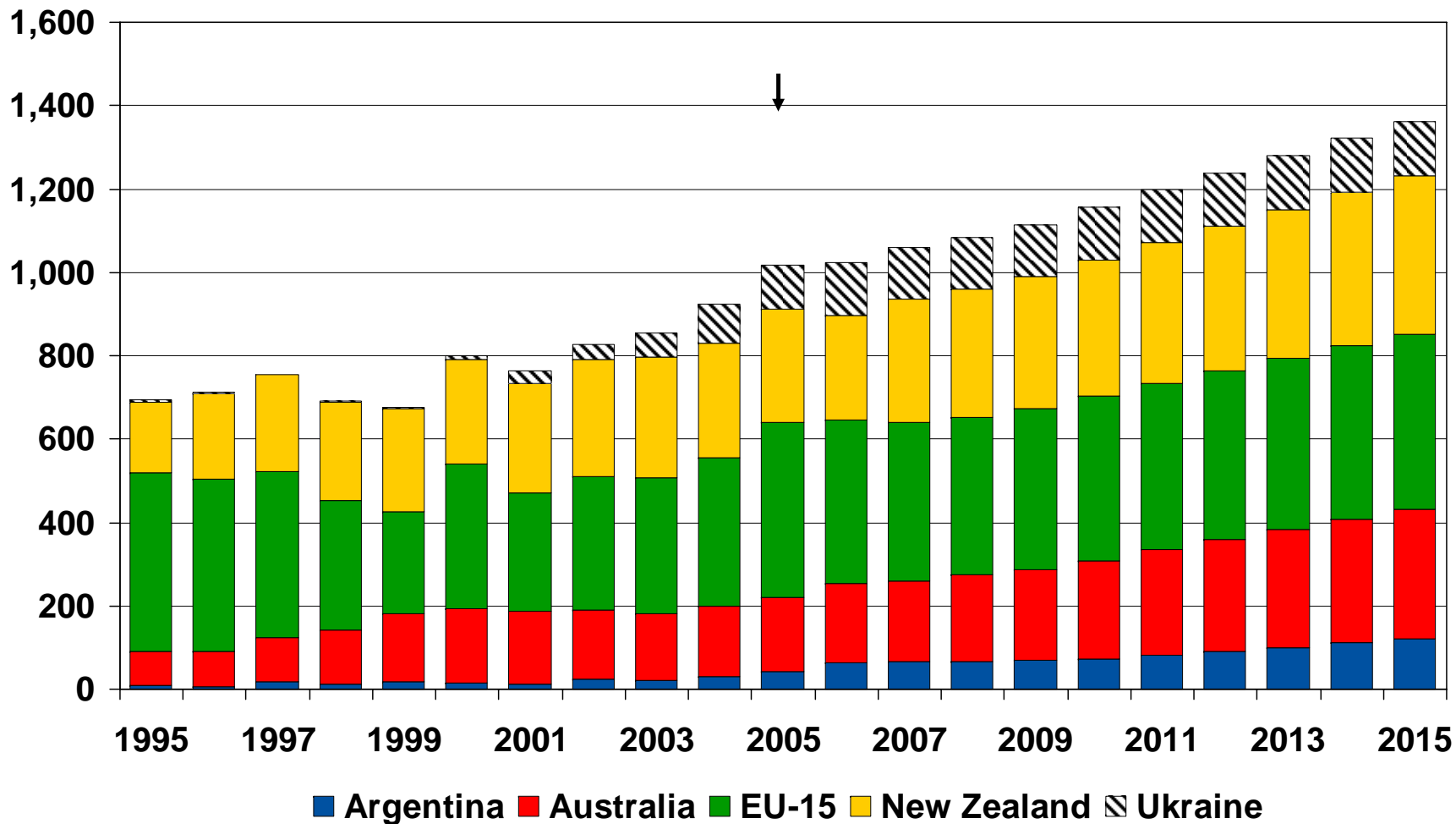


EU NMS Dairy Production



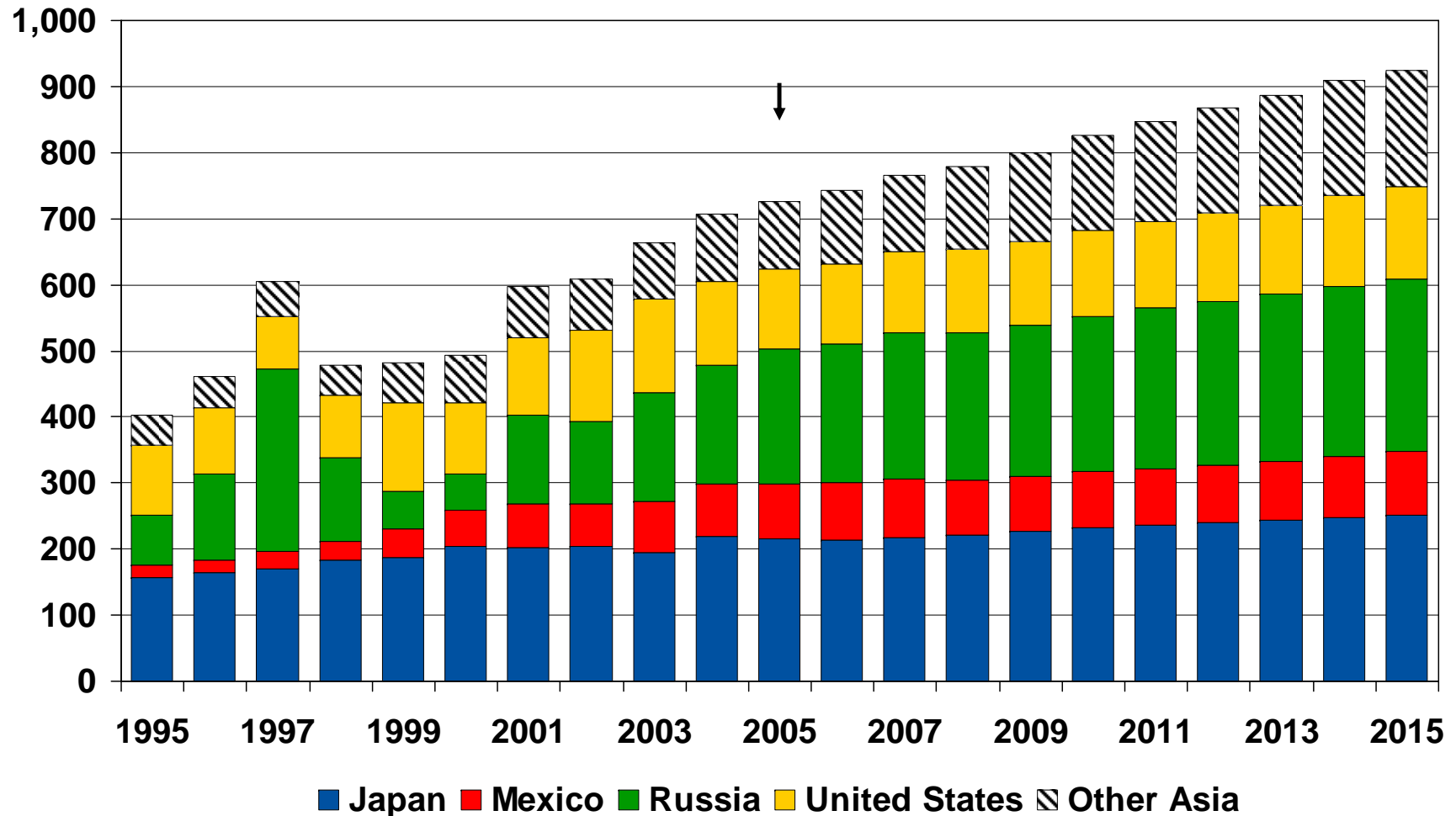
Cheese Net Exports for Selected Countries

thousand mt



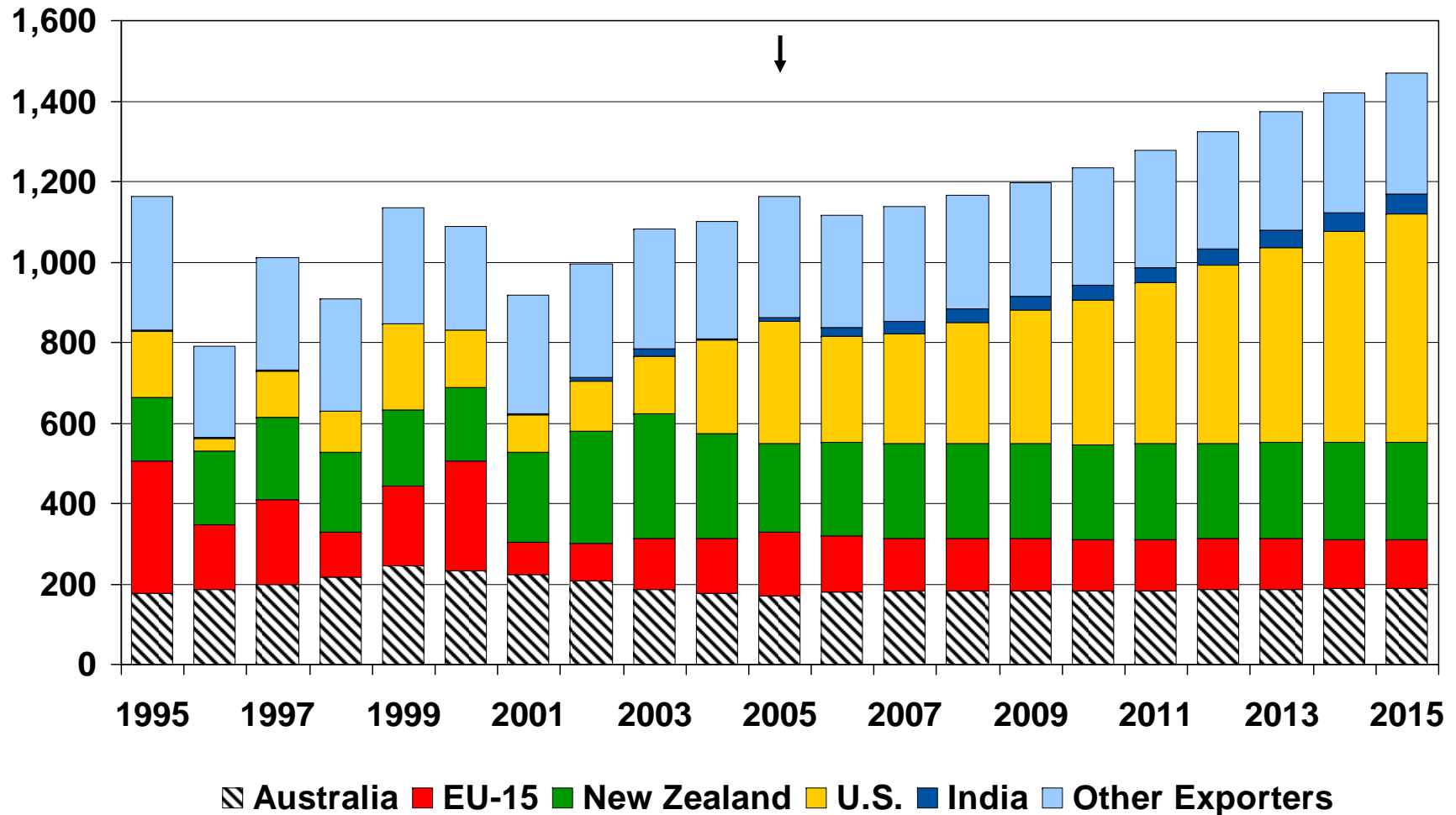
Cheese Net Imports for Selected Countries

thousand mt



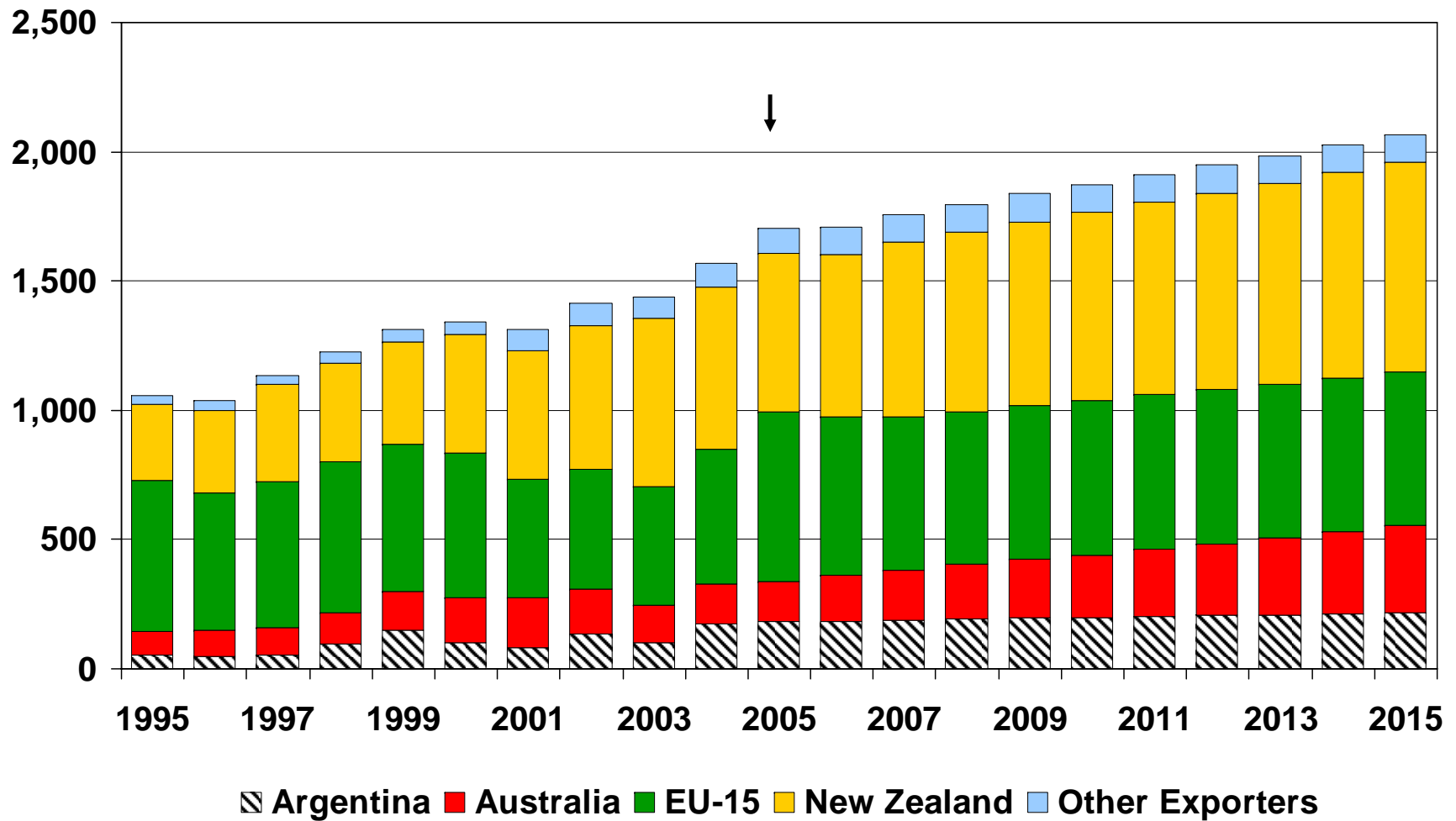
NFD Net Exports for Selected Countries

thousand mt



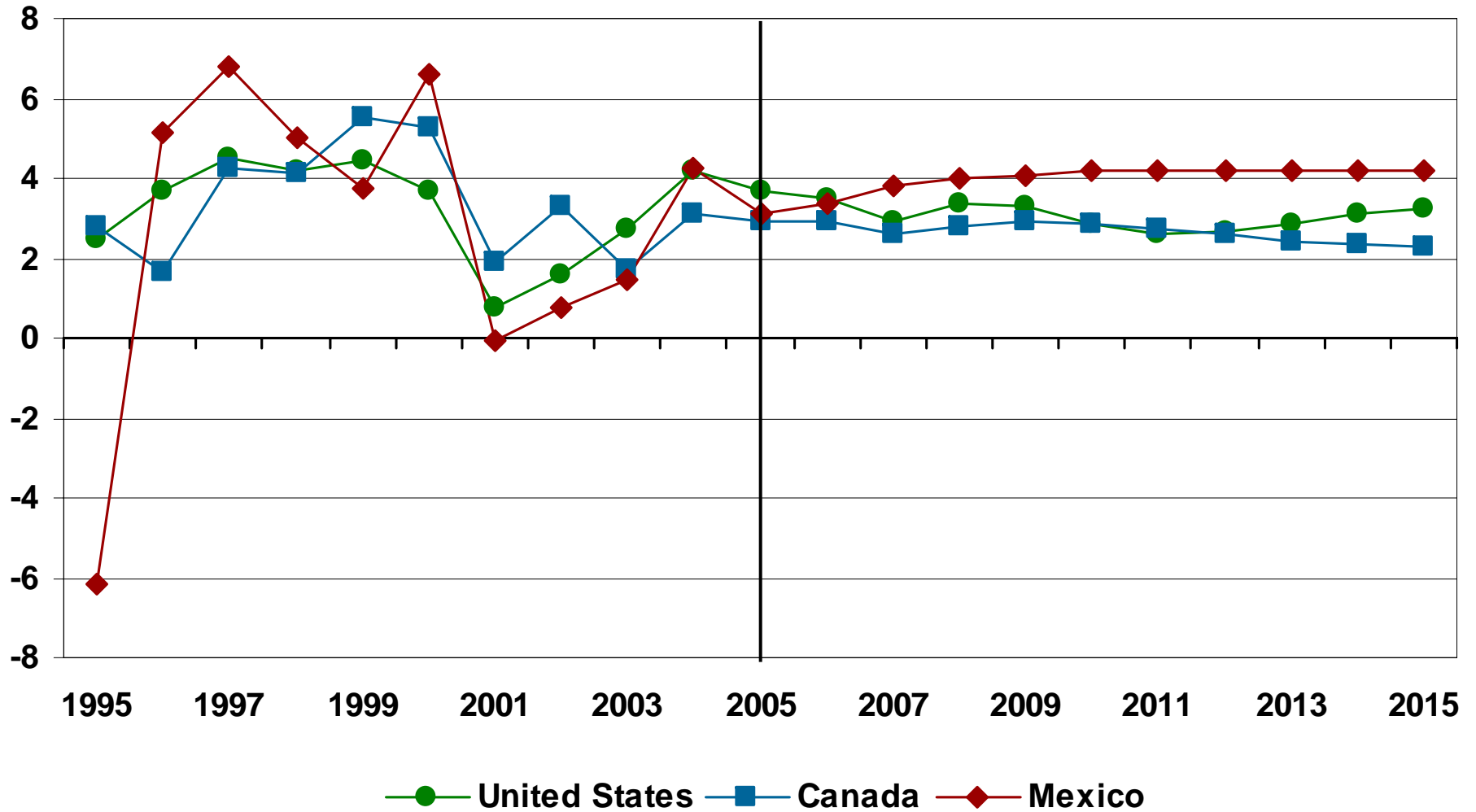
WMP Net Exports for Selected Countries

thousand mt

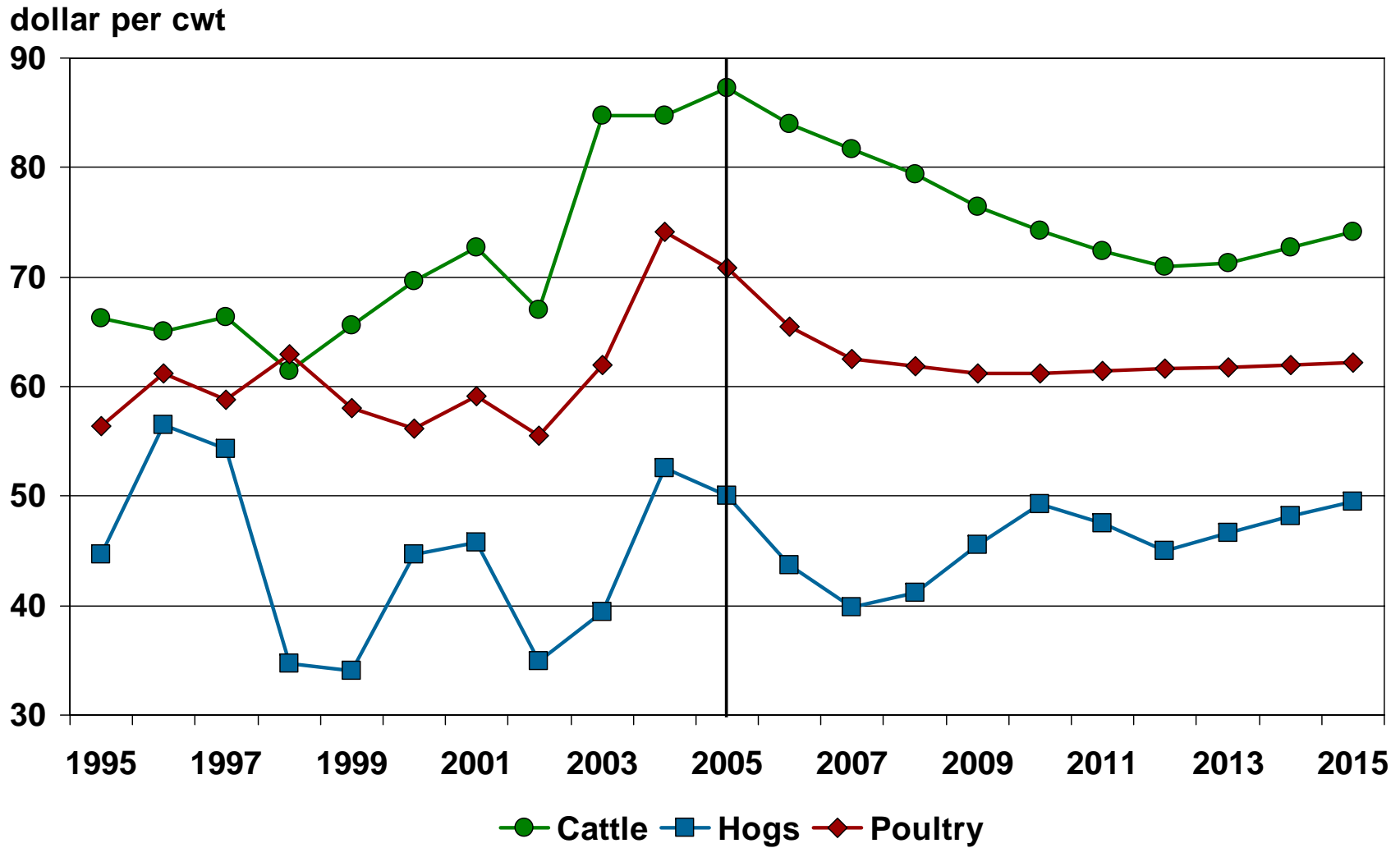


NAFTA Real GDP Growth Rates

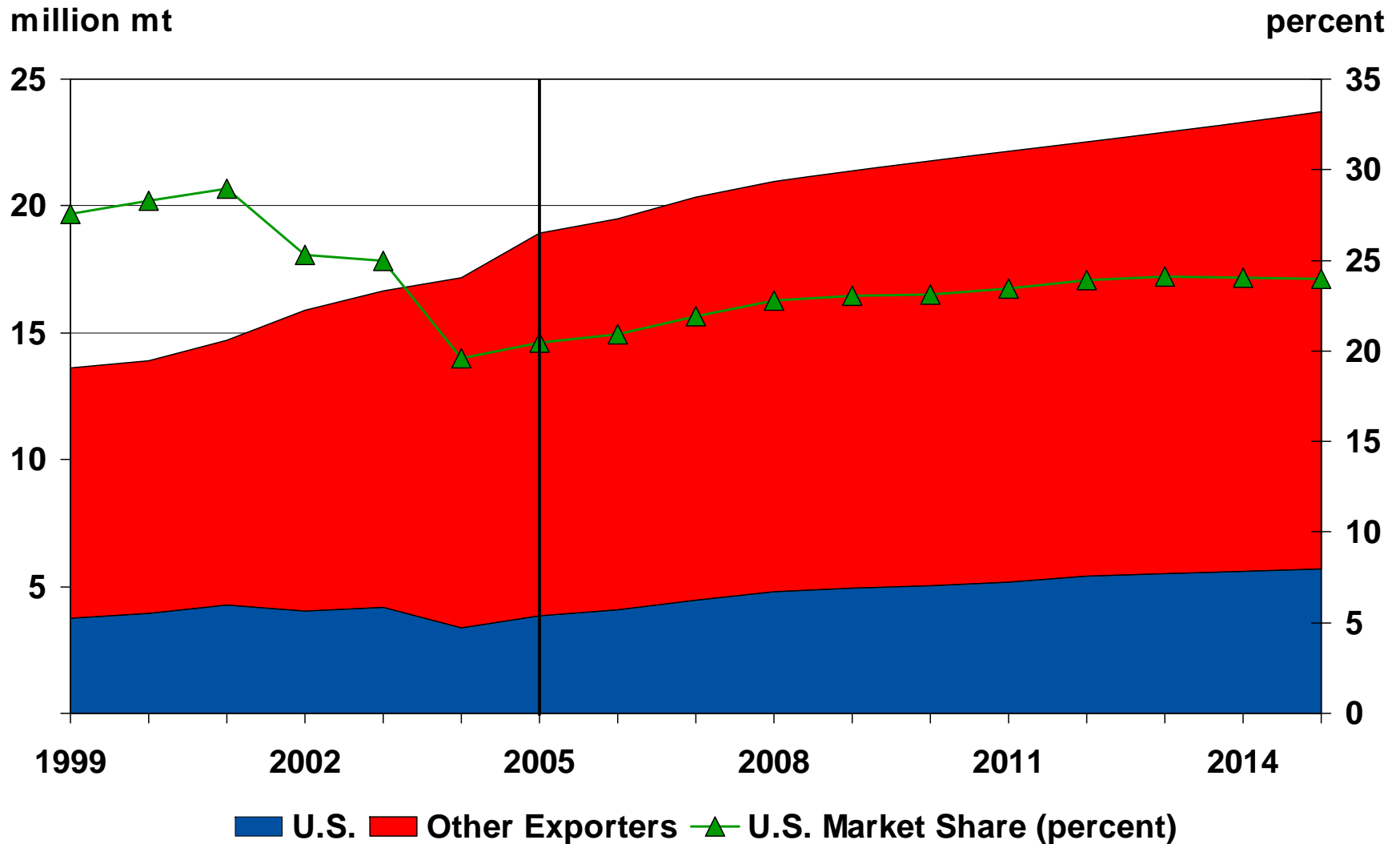
percent



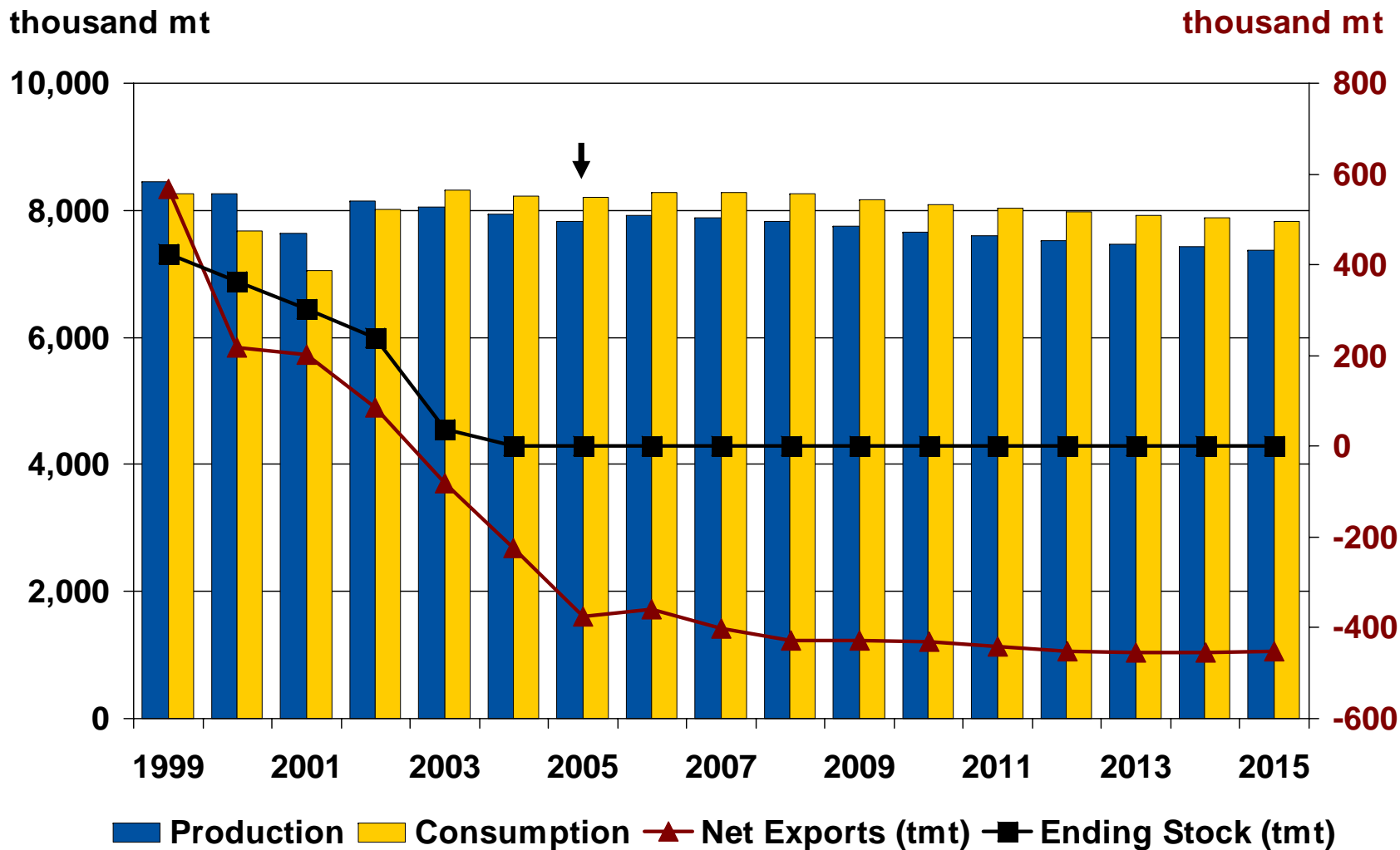
U.S. Livestock and Poultry Prices



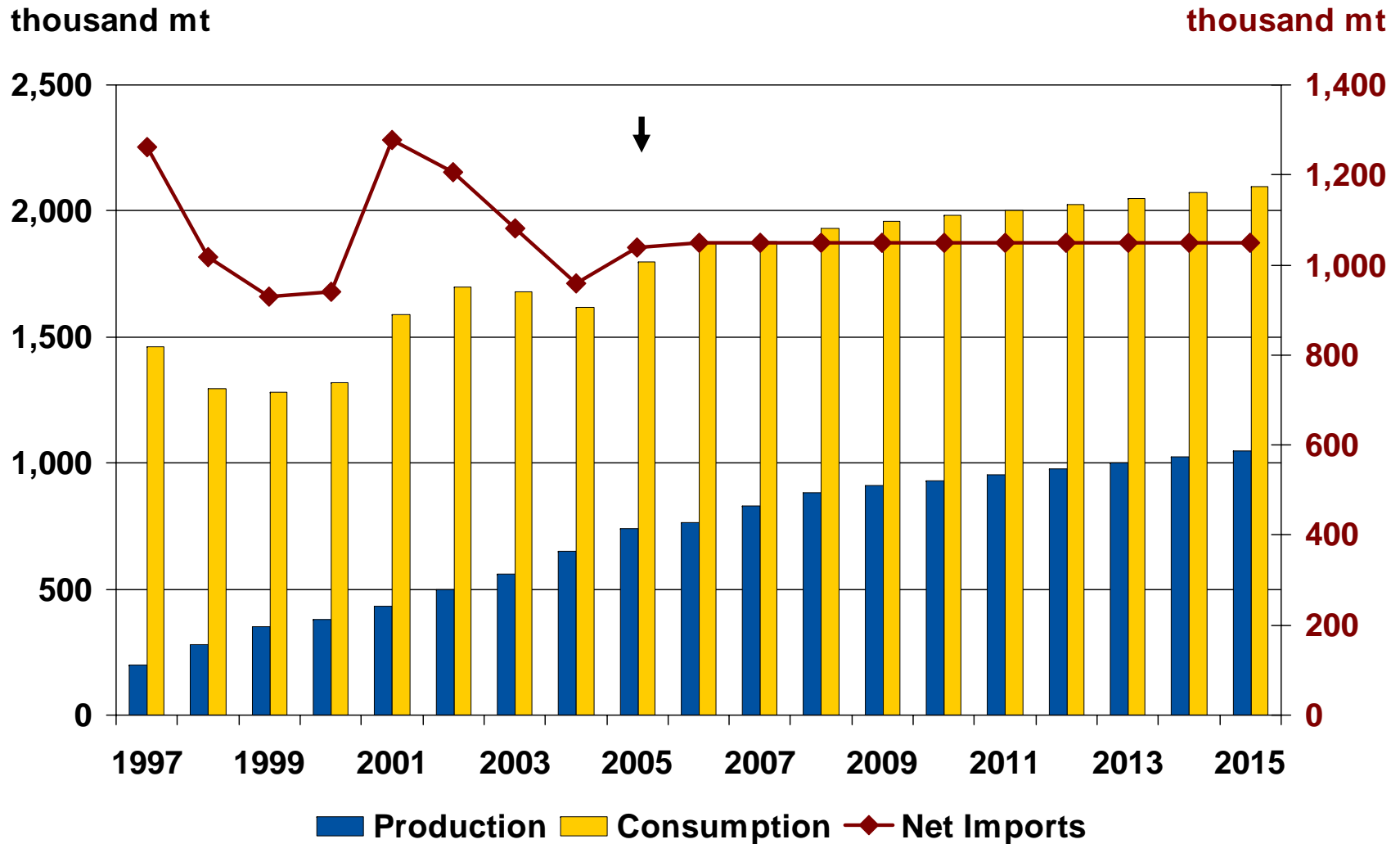
World Meat Trade and U.S. Market Share



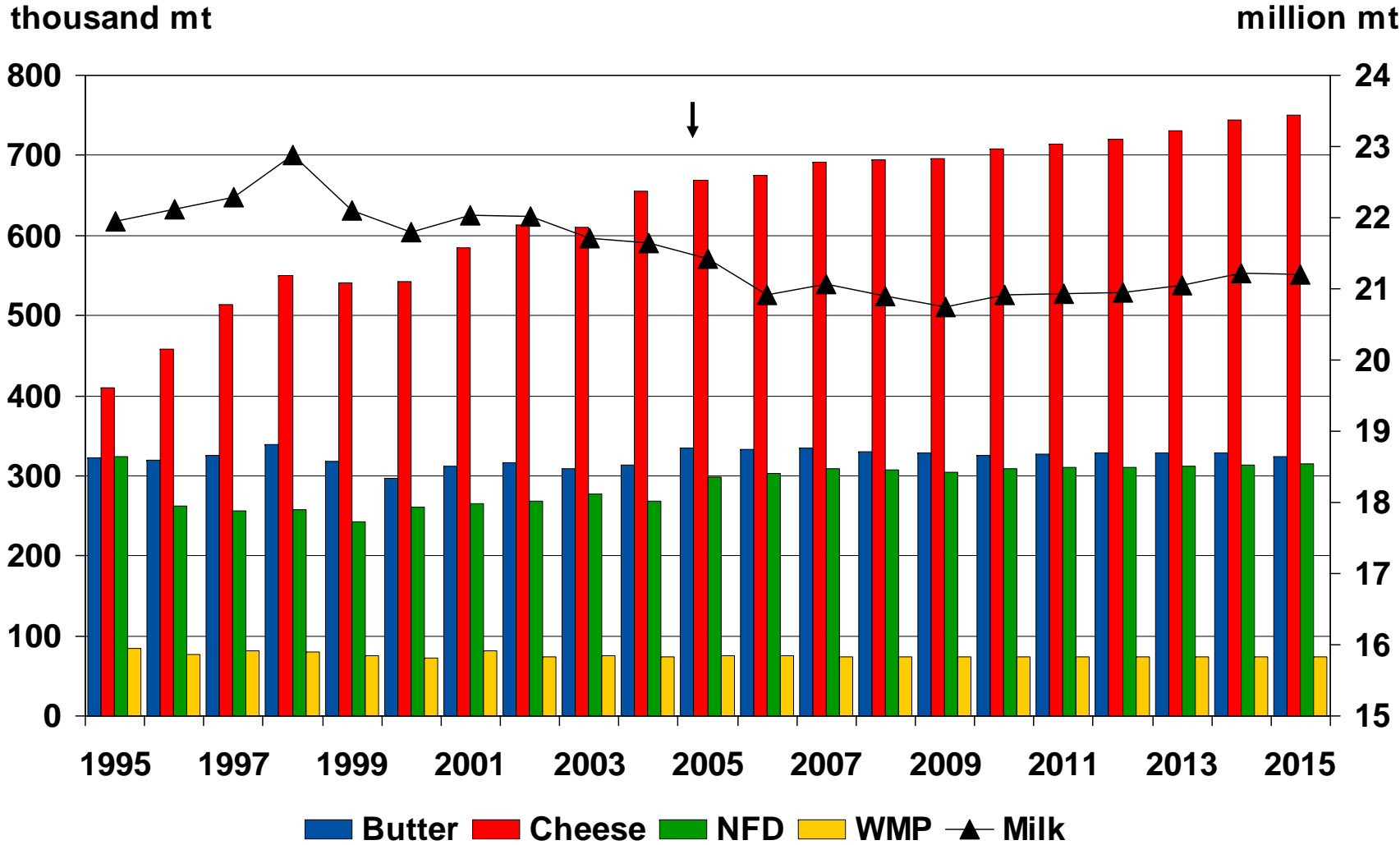
EU-15 Beef Supply and Utilization



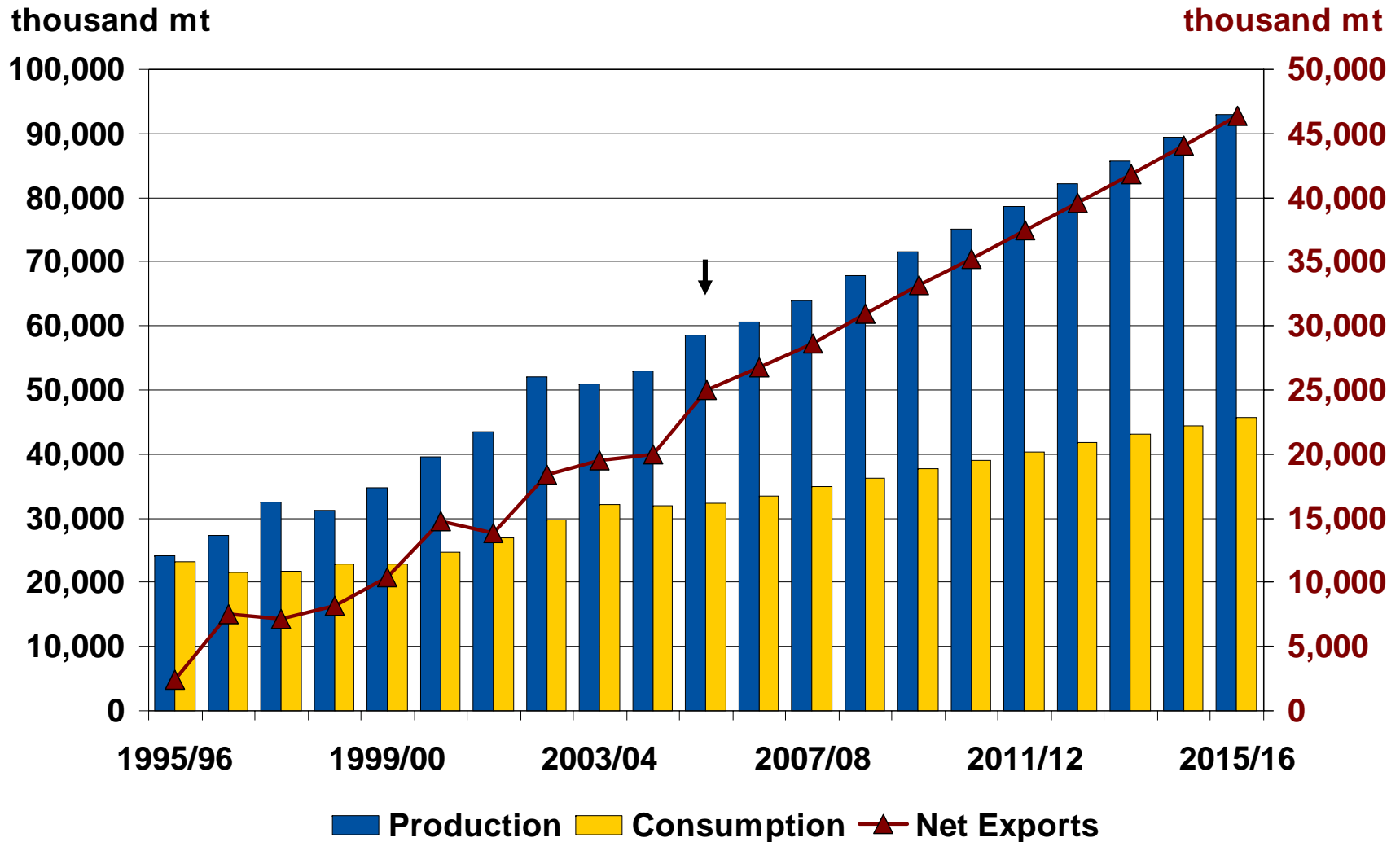
Russian Poultry Supply and Utilization



EU NMS Dairy Production



Brazilian Soybean Production and Utilization



Chinese Soybean Production and Utilization

