

# **14<sup>e</sup> Colloque de l'Association de Comptabilité Nationale**

## **Measuring international Trade in Value-Added**

## ***Mesurer le Commerce international dans la Valeur Ajoutée***

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# Trade in Value-Added

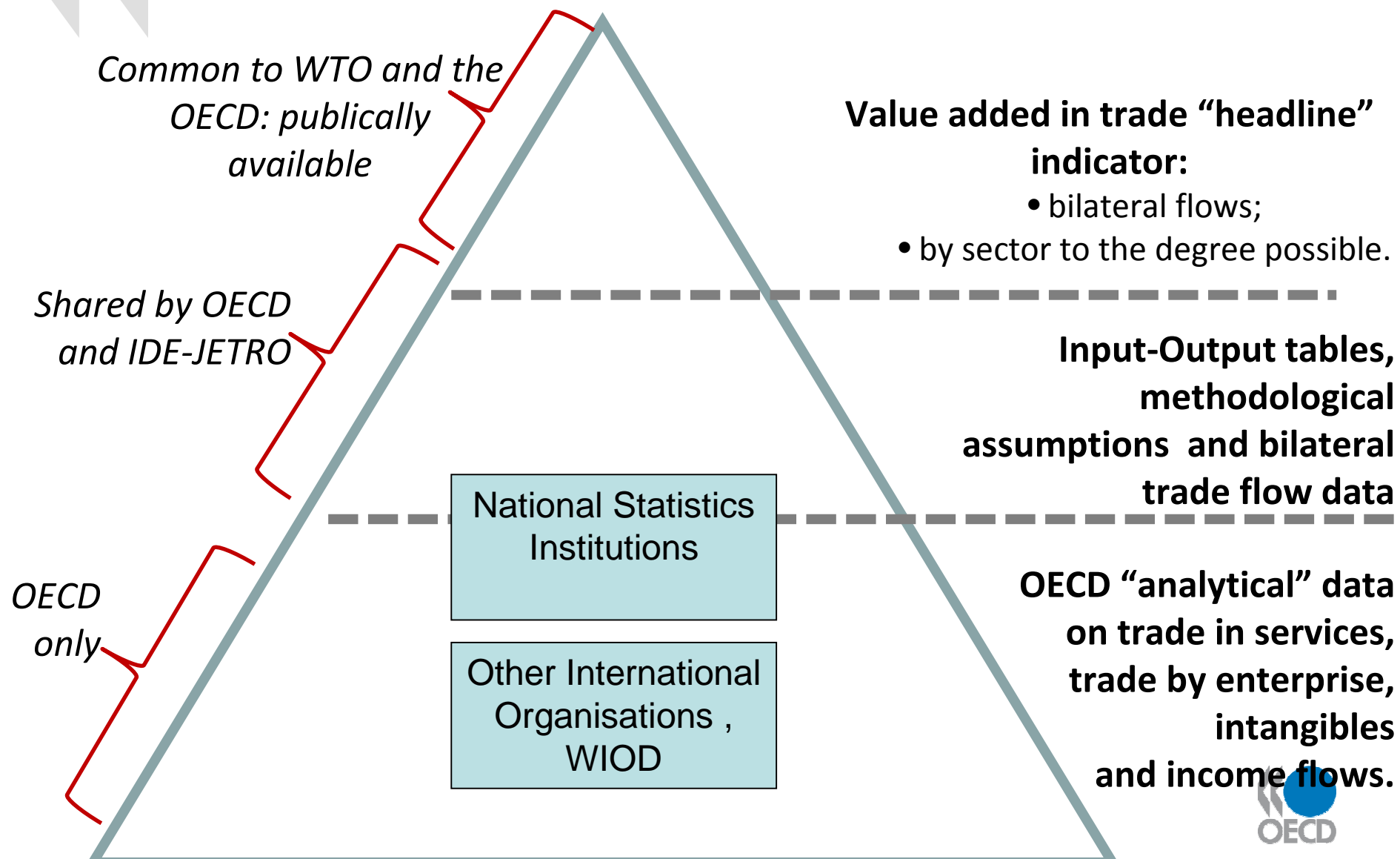
- Increasing recognition that gross estimates of trade may create ‘misleading perceptions’ and imperfect policies in a number of areas, including:
  - dealing with bilateral trade imbalances
  - dealing with the impact of macro-economic shocks on supply-chains
  - understanding the importance of trade to jobs
- Leading to a call for new metrics that better respond to these issues.



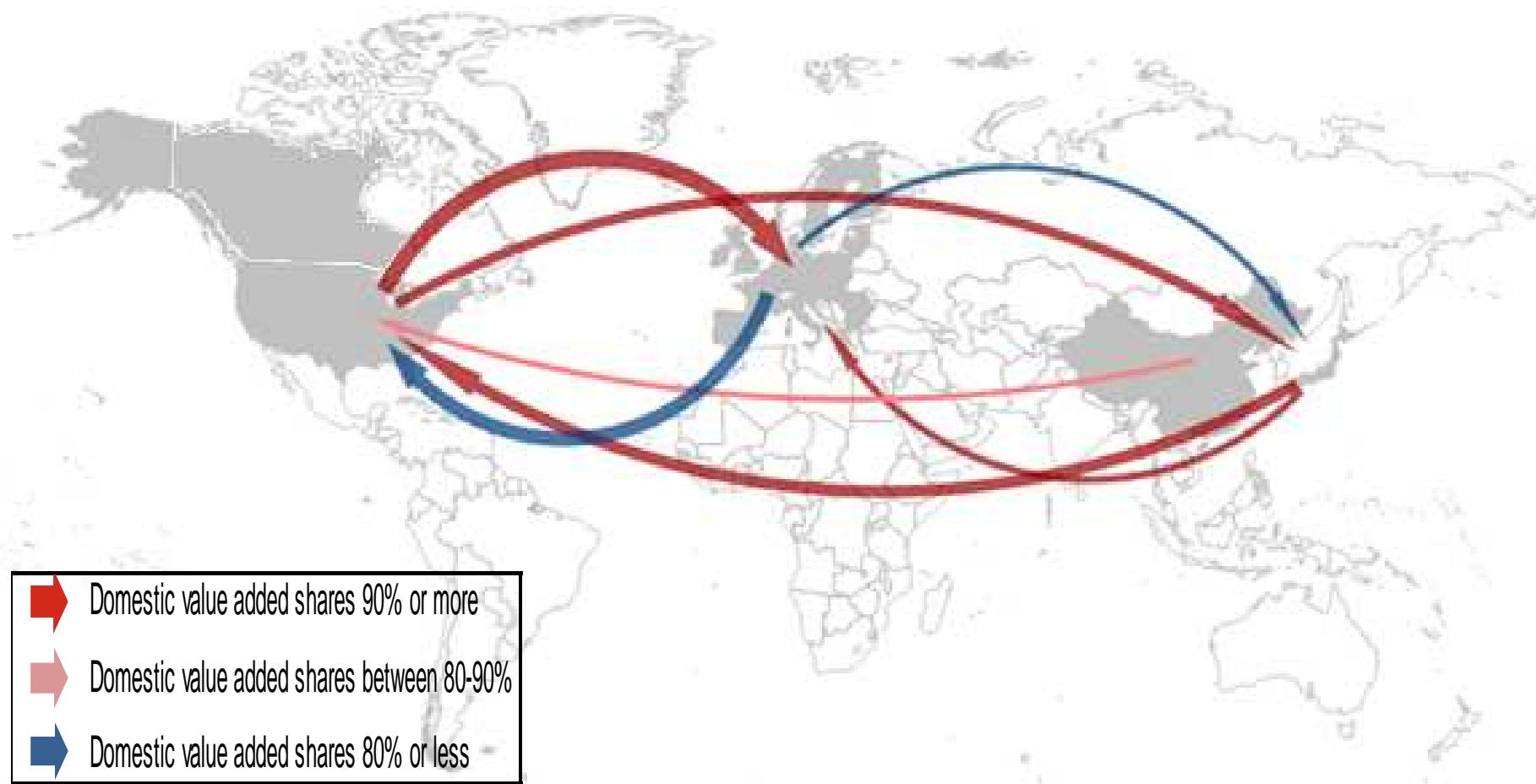
# Responding to needs

- IO tables provide a means to respond to these developments by measuring interconnectedness of trade and trade in value-added terms.
- OECD and WTO announced joint initiative to provide estimates of TIVA on 15 March 2012 (see [www.oecd.org/trade/valueadded](http://www.oecd.org/trade/valueadded))

# Indicator & data sharing

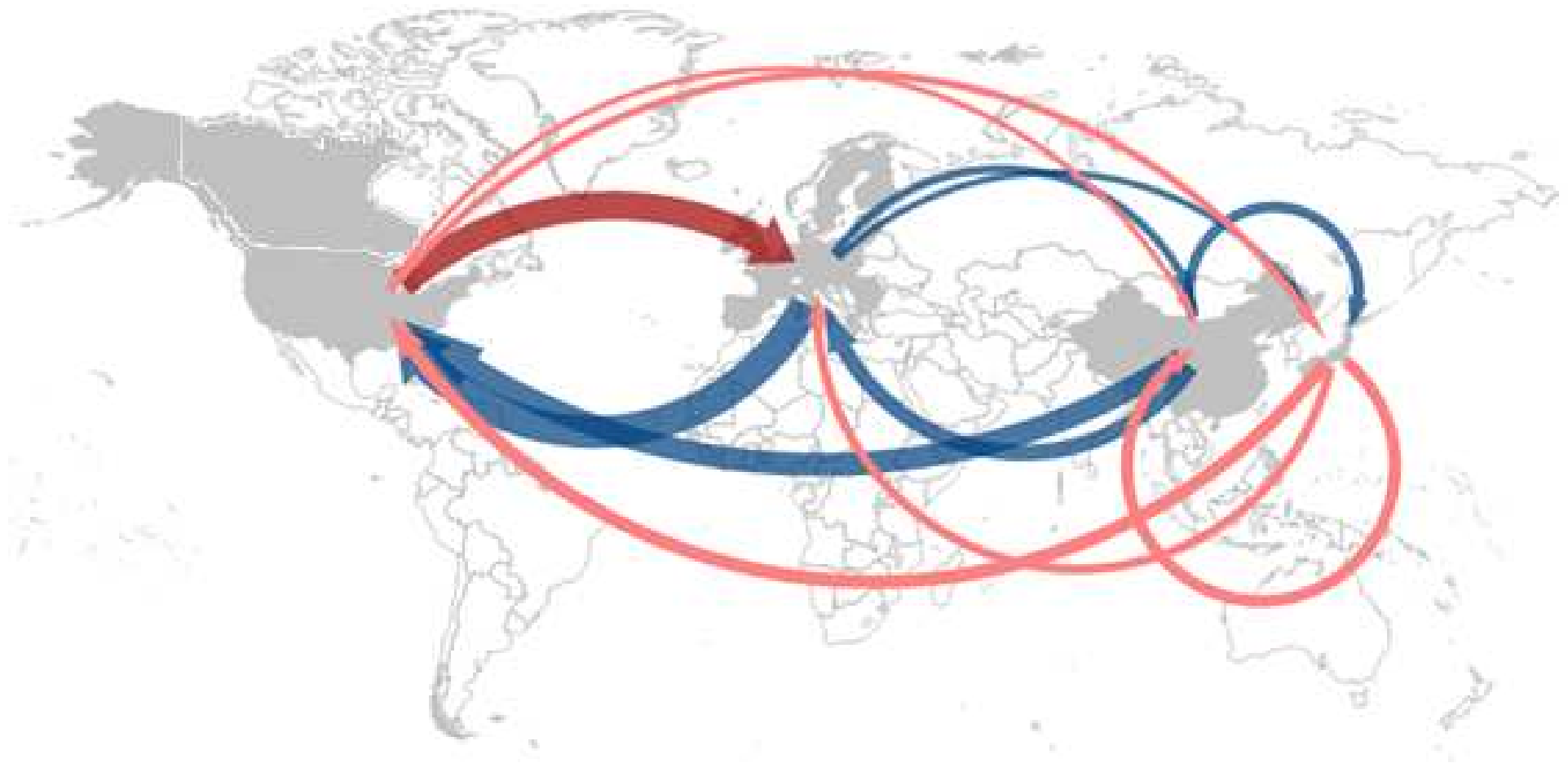


## What do we know now? Exports (of domestic value-added and gross) between major regions, 1995



Source: OECD Inter-country inter-industry model (March 2012)

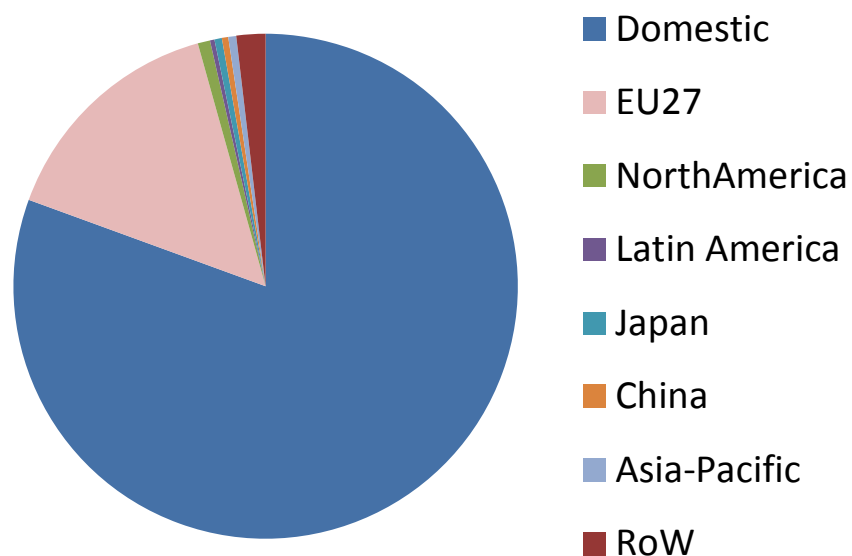
# Increased fragmentation in 2005



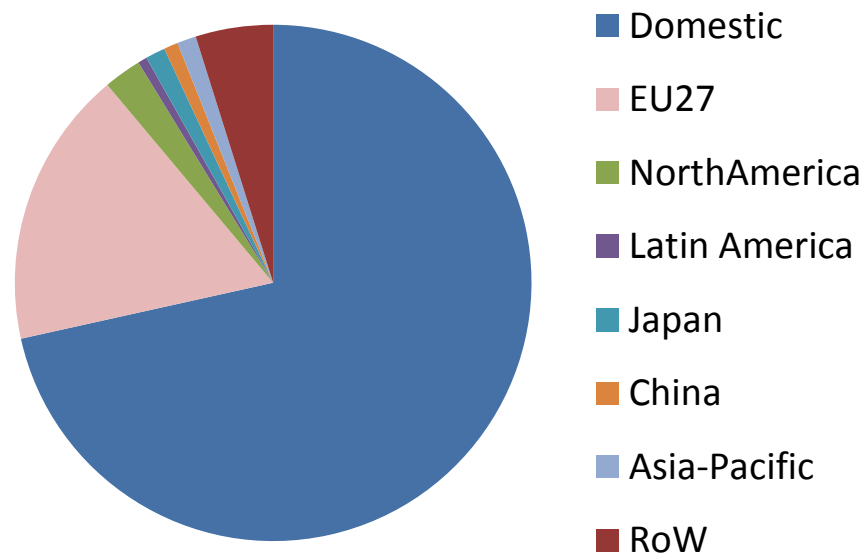


# German cars

**Figure 3: Motor vehicles in Germany,  
2005 - direct domestic and imported  
content: Gross**



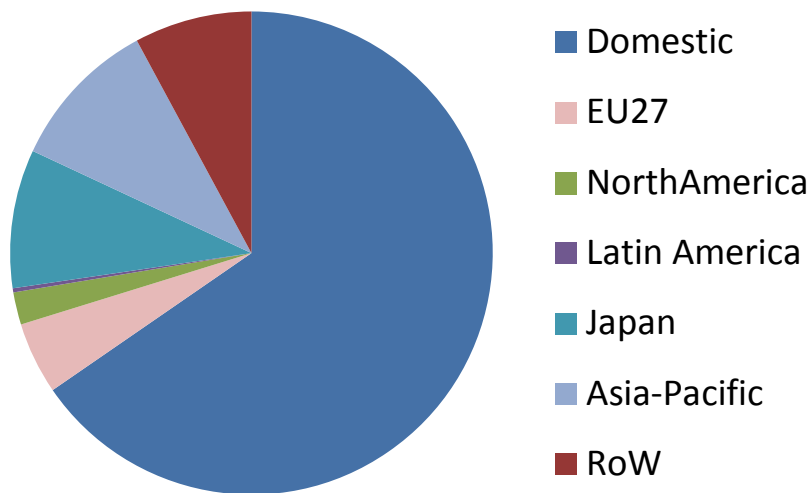
**Figure 4: Motor vehicles in Germany,  
2005 - domestic and imported content:  
Value-added**



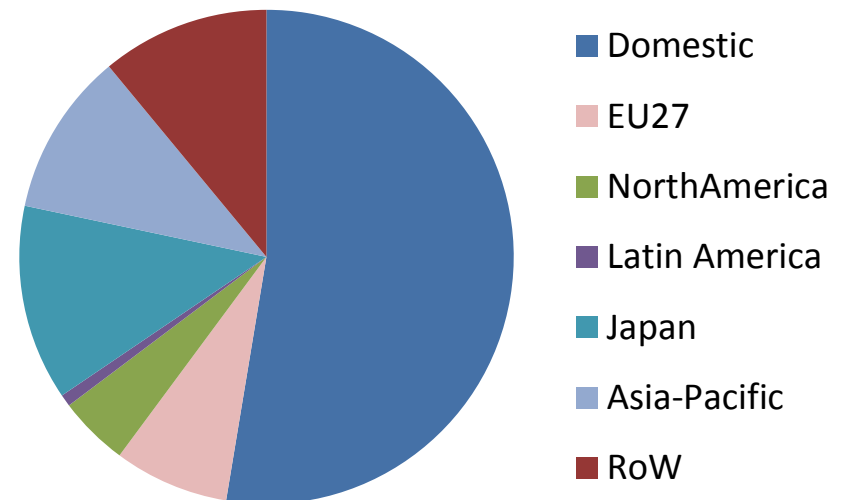


# Chinese computers

**Figure 5: Computers in China,  
2005 - direct domestic and imported  
content - Gross**



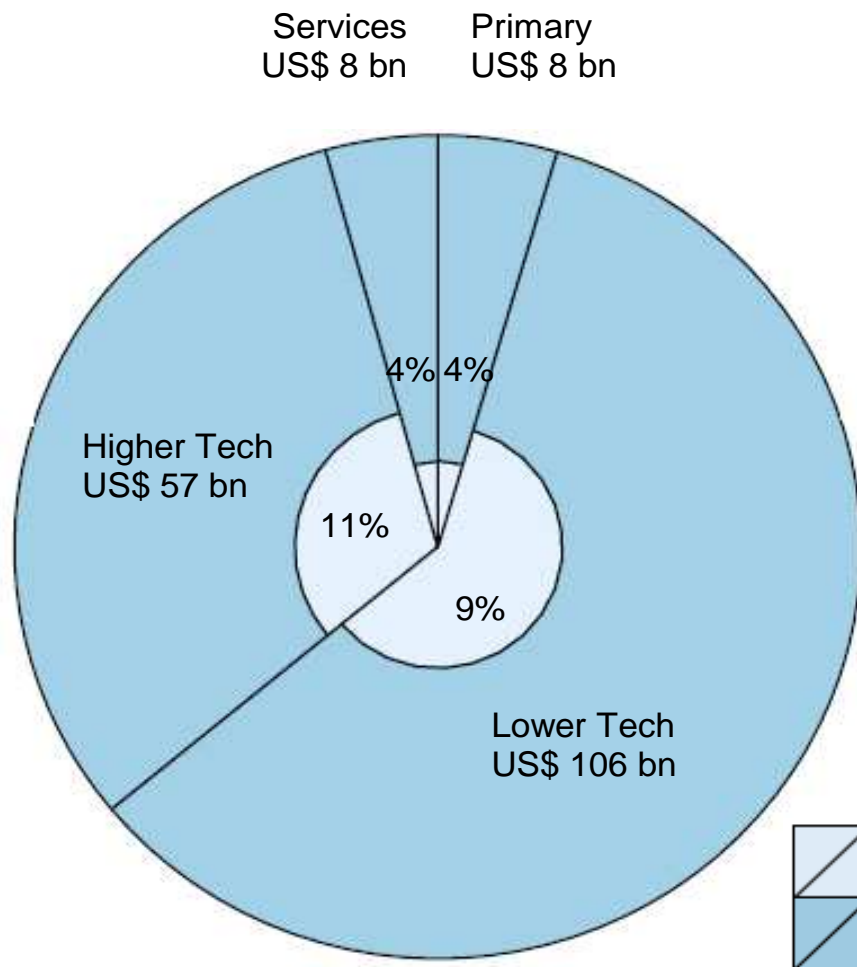
**Figure 6: Computers in China,  
2005 - domestic and imported content -  
value-added**



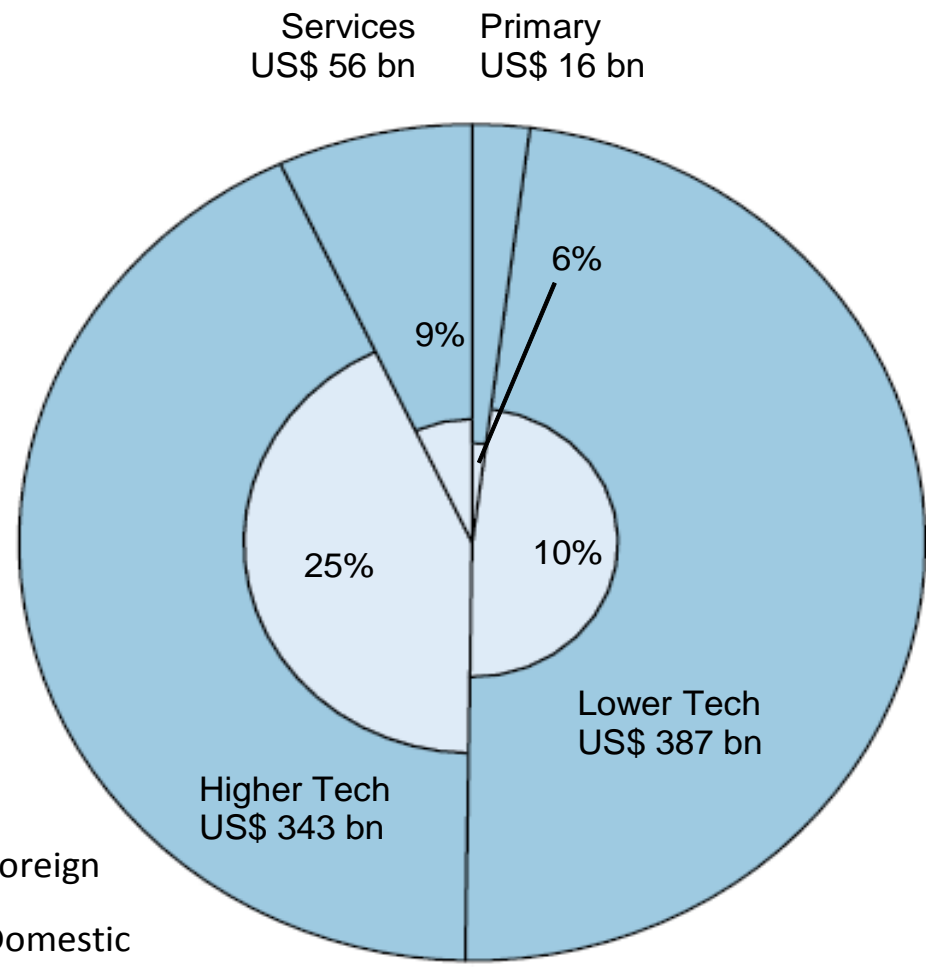


# Foreign content share of China's exports by broad industry category

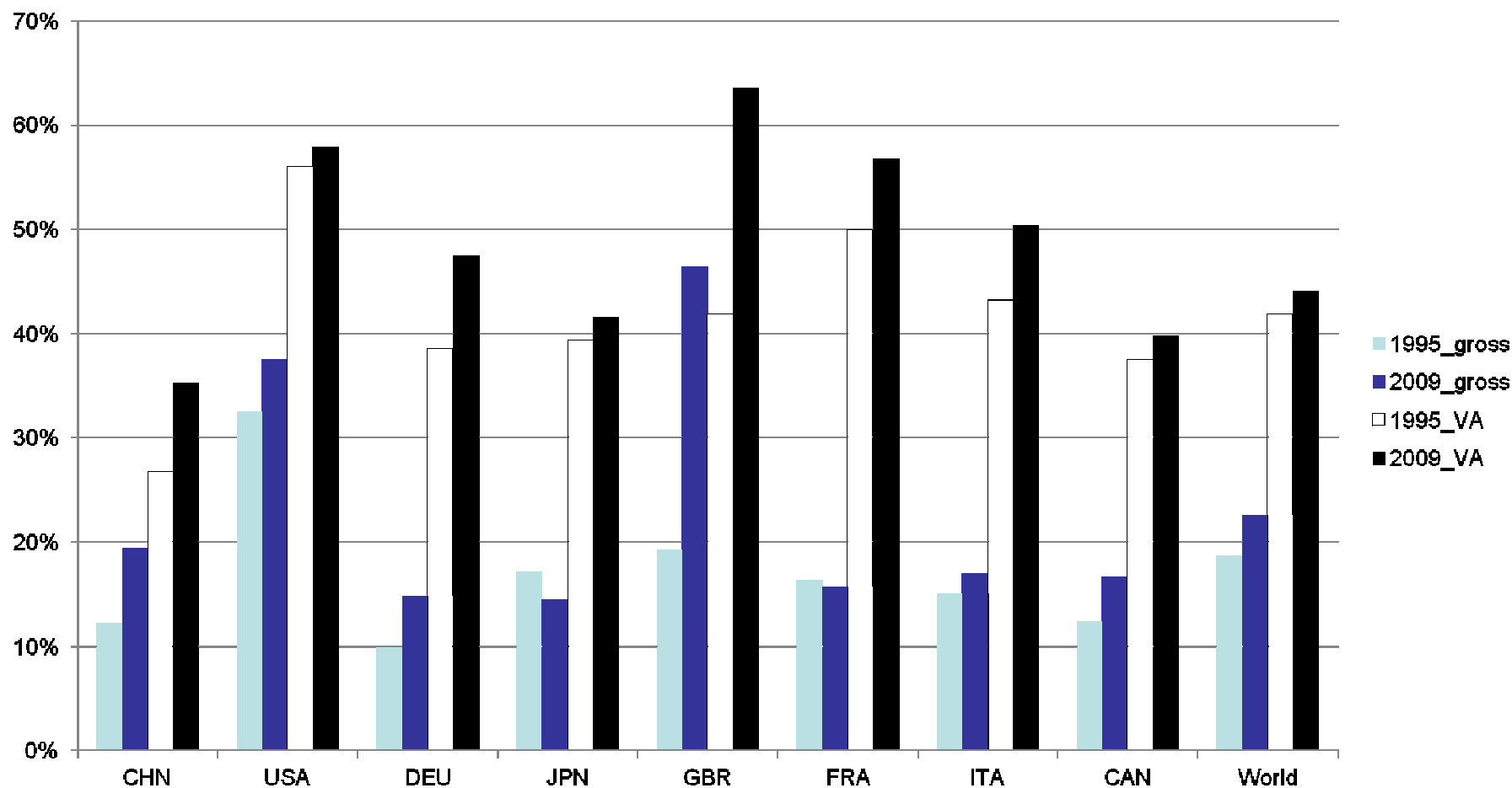
1995



2005



# Services as a per cent of gross exports and value-added exports



## What about income?

### Chinese High Tech Exports by Ownership (% of the total)

