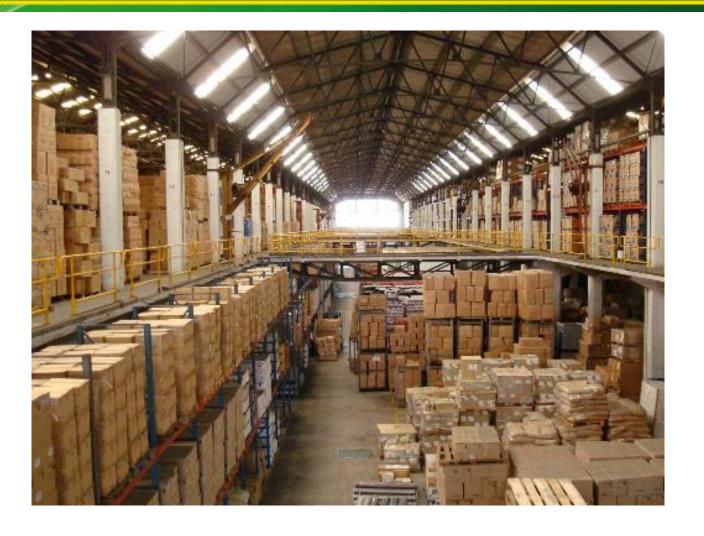


# Warehouse and Support Activities for Transportation Michael Morgan

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- International classifications
- A summary of the Netherlands, Sweden and United Kingdom papers
- Challenges associated with measuring and pricing warehouse and support services
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   "What's in store for the future"



### International Classifications

- ISIC & NACE Division 52 Warehousing and support activities for transportation
  - Includes warehousing and support activities for transportation, such as operating
    of transport infrastructure (e.g. airports, harbours, tunnels, bridges, etc.), the
    activities of transport agencies and cargo handling.
- ANZSIC Subdivision 52 Transport support services
  - Includes support activities for transportation, such as operating of transport infrastructure (e.g. airports, harbours, tunnels, bridges, etc.), the activities of transport agencies and cargo handling.
- ANZSIC Subdivision 53 Warehousing and Storage Services
  - 5301 Grain storage services (Important for Australia).
  - 5309 Other warehousing and storage services.



### Netherlands

#### **Warehousing and Support Services in Netherlands**

- Netherlands Classification of Activities (SBI 2008) and SIC 2007 (based on NACE and ISIC (Division 52)).
- Data sources:
  - Survey data, potentially VAT data.
- Outputs:
  - Price index for SIC 521 (storage) and SIC 5224 (Cargo handling services).
  - No price index for 5229 (Other transportation support activities).
  - Turnover data available for the entire division.



### **United Kingdom**

**Warehousing and Support Services the United Kingdom** 

- Classification of products by activity (CPA, 2008) and 2007 SIC (NACE).
- Experimental index for group 52.1 (warehousing and storage) is currently published.
- Not currently used by National accounts for deflation.
- Price Collection Survey data.
- Quality adjustment



### Sweden

#### Warehousing and Support Services in Sweden

- Sweden Standard Industrial Classification (SNI 2007) and 2007 SIC (NACE).
- Largest share of the Swedish market is in 5229 (other transportation support activities)
- Current outputs: 521 (warehousing and storage), 5224 (Cargo handling) and 5229 (other transportation support activities)
- Data source: Survey.



### <u>Challenges</u>

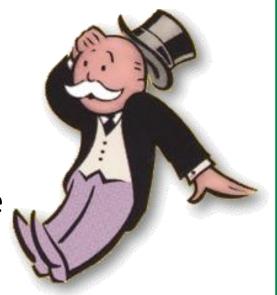


- Pricing constant quality over time.
- Specification representivity.
- Homogeneity.
- Bundling.
- Provider burden.



# Challenges: Market or Non-Market

- Integration of transport services, transport support services, and warehousing and storage. Support and Storage bundled together.
- Capacity constraints: Infrastructure etc.





### **Challenges**

#### Coverage

 Most countries do not have a current price sample for the entire division.
 Specifically in regards to 5229 – Other transportation support activities. (Agents for transport and weighing)





### **Challenges:**

**Across Countries** 

- Importance of Warehousing and support activities varies across countries.
- Warehousing and support activities regulation and laws differ across countries.





## Out of site? Is it really out of mind – "What's in store for the future"

- Air cargo handling
- 5229 Other transportation support activities.

