

TURNOVER AND OUTPUT MEASUREMENT FOR TECHNICAL TESTING AND ANALYSIS IN GERMANY

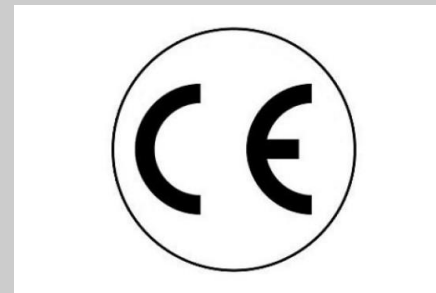
**26th Voorburg Meeting
in Newport 19th to 23th September 2011**

Agenda

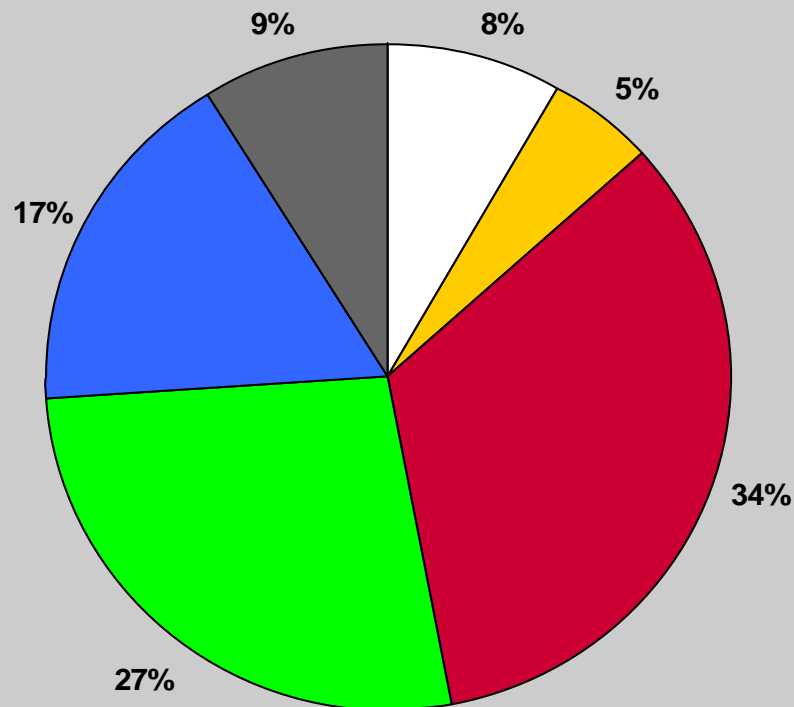
- 1. The German world of technical testing and analysis**
- 2. Class „71.20“ in German national statistics**
- 3. A closer look at the market**
- 4. Evaluation of the measurement concept**

The German world of technical testing and analysis

(Certification logos – illustration copied from diverse internet sources.)



Product breakdown



- 71.20.11 - Composition and purity testing and analysis services
- 71.20.12 - Testing and analysis services of physical properties
- 71.20.13 - Testing and analysis services of integrated mechanical and electrical systems
- 71.20.14 - Technical inspection services of road transport vehicles
- 71.20.19 - Other technical testing and analysis services
- Other

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Class „71.20“ in German national statistics

- **Structural Business Statistics**
- **Producer Price Indices**
- **Short term statistics**
- **National accounts**

Method of German SBS data collection

- **15% sample survey covering a wide range of services industries, carried out annually**
- **Observation unit is „enterprise“; classified according to principal economic activity**
- **Output is measured in terms of turnover**
- **Results are broken down by economic activity (also by region, number of persons employed and by product)**

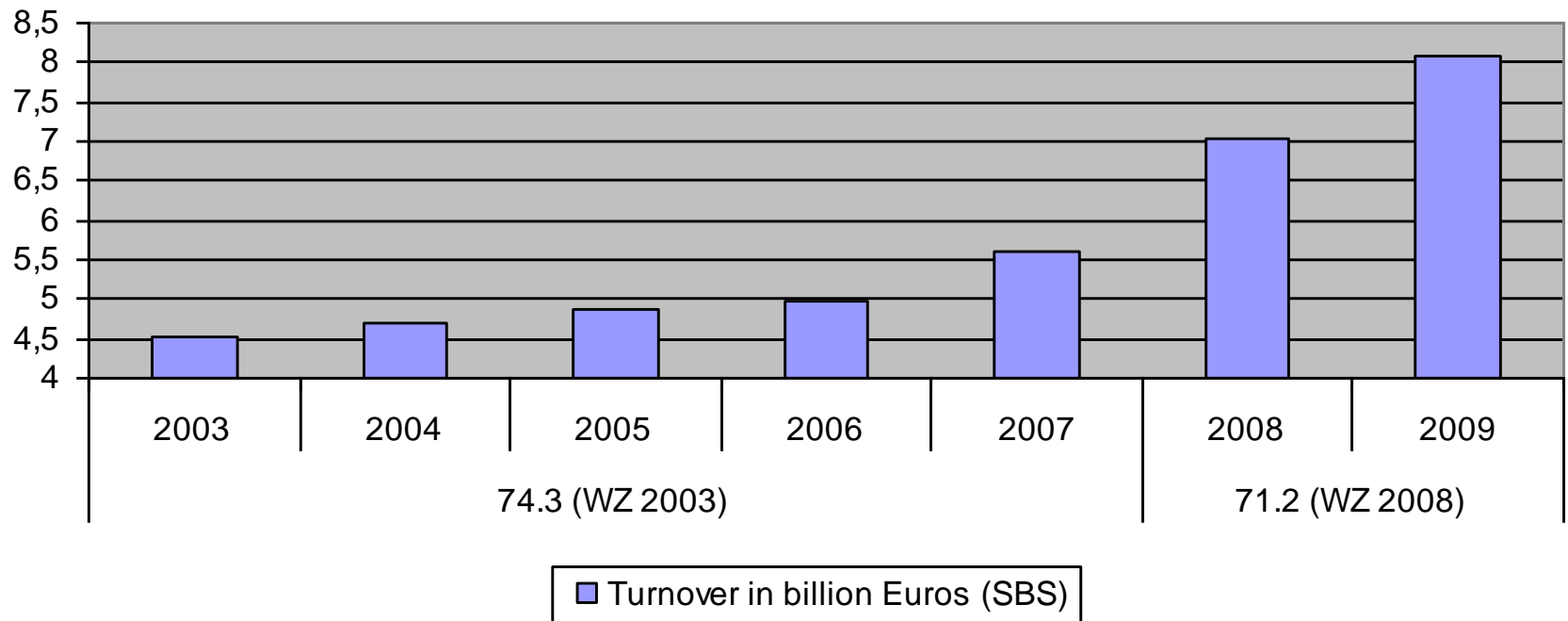
Method of German STS data collection

- **Ca. 5.000 largest companies surveyed and use of administrative (VAT) data for small and medium-sized enterprises covering a wide range of services industries**
- **Observation unit is „enterprise“; classified according to principal economic activity**
- **Output measured as quarterly turnover indices (base year 2005) - also working day and seasonally adjusted**

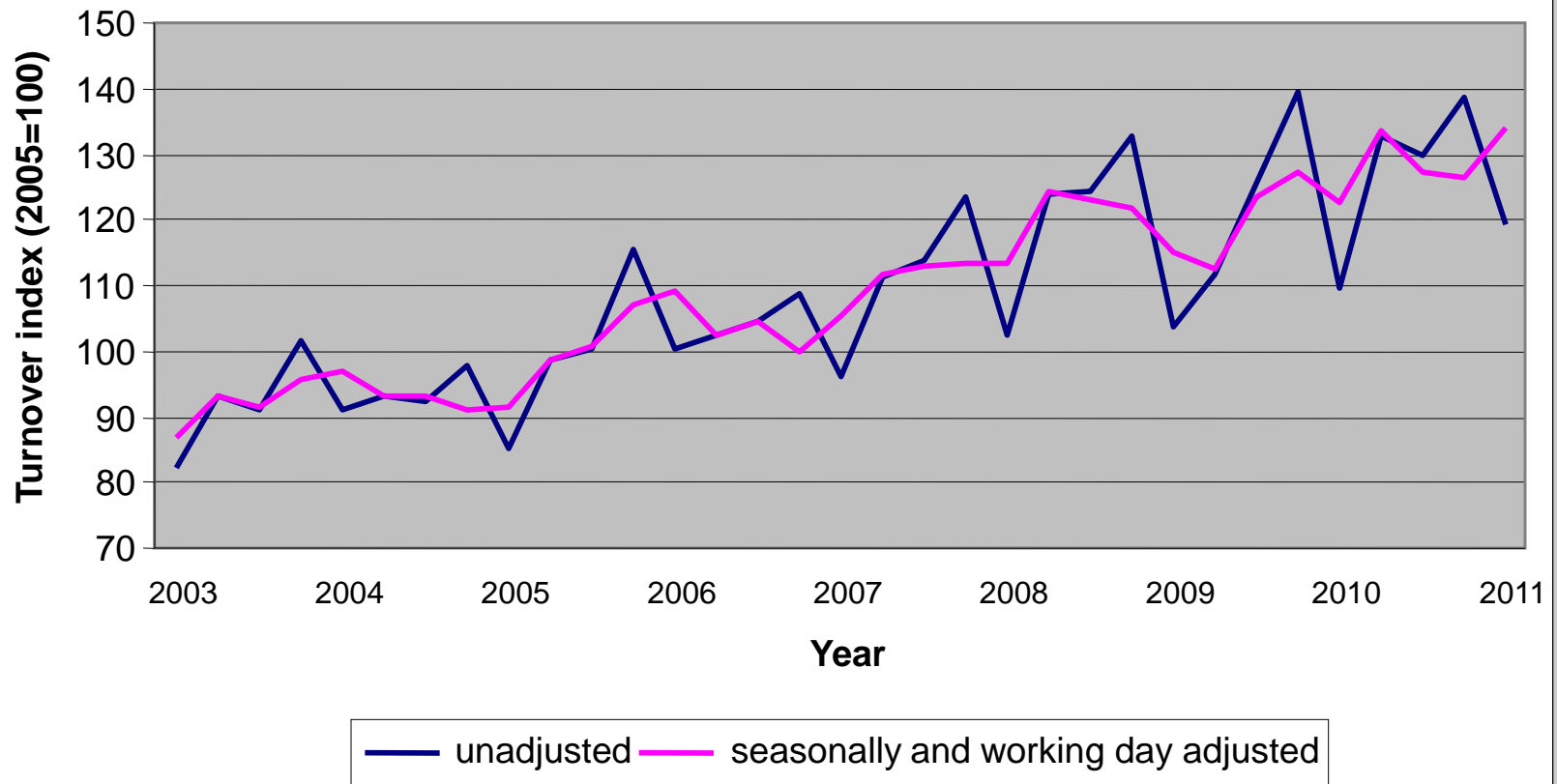
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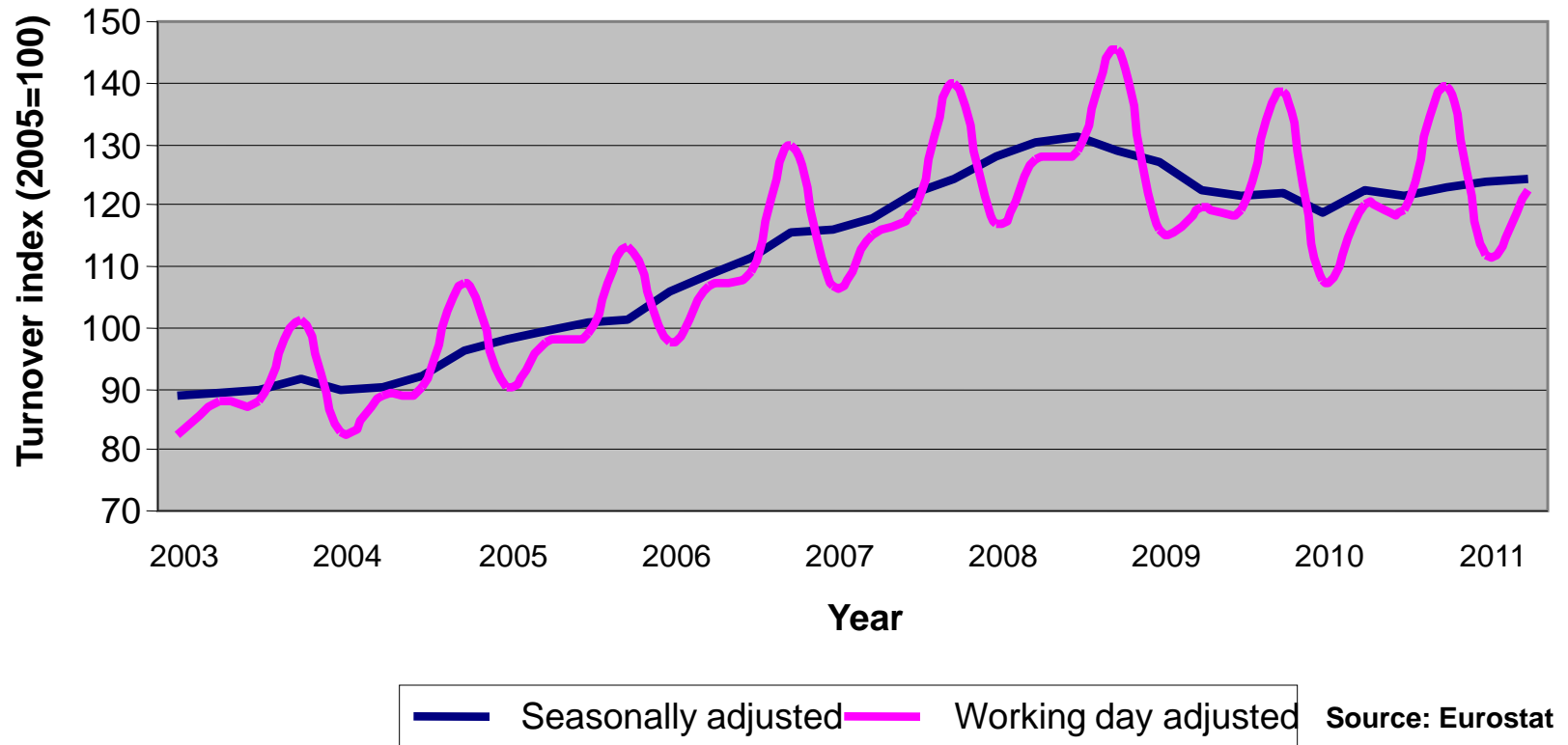
Turnover performance in technical testing and analysis in Germany (SBS)



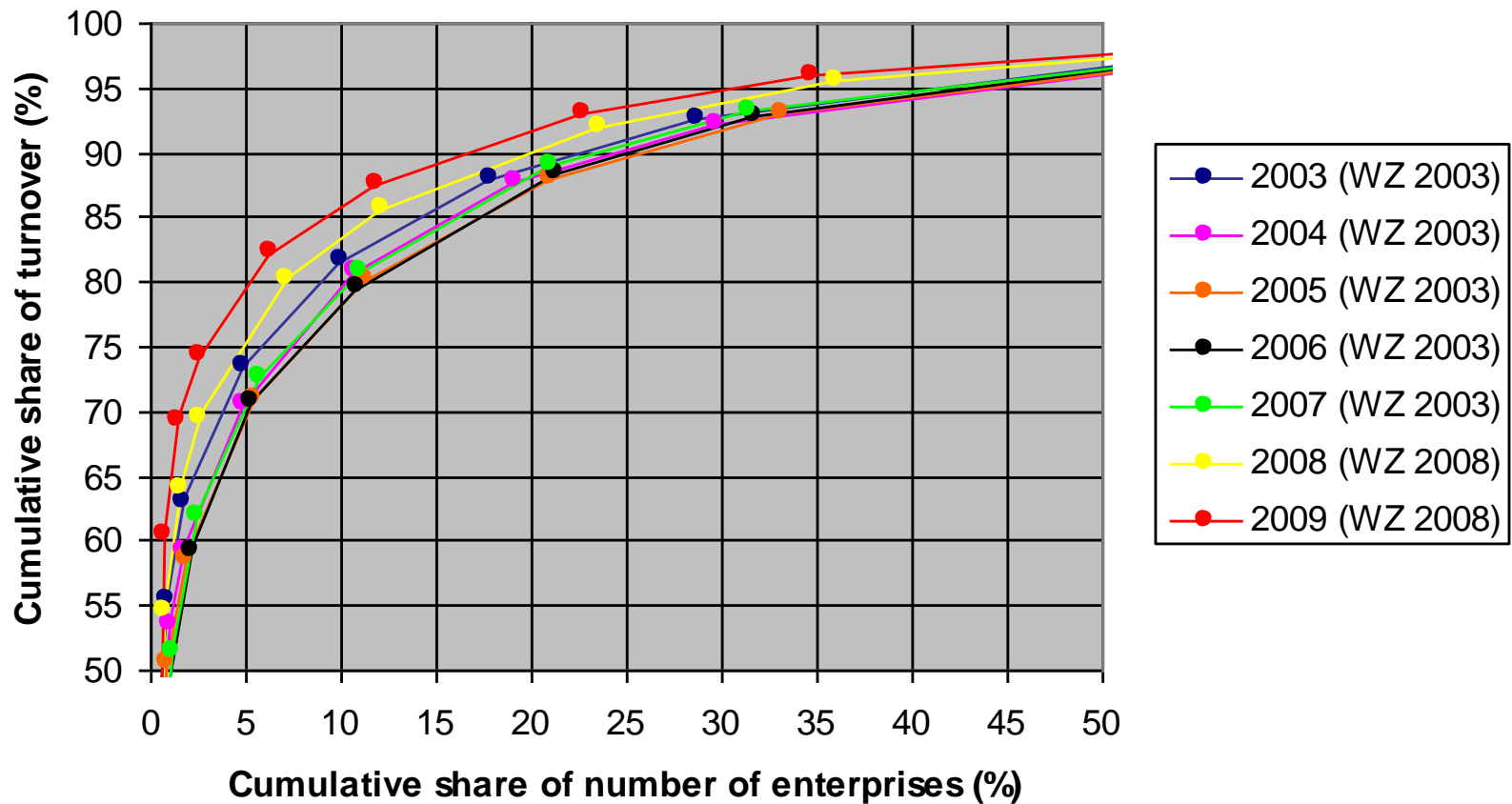
Turnover performance in technical testing and analysis in Germany (STS)



Turnover performance of technical testing and analysis within the European frame of division 71 (STS)



Lorenz curves of technical testing and analysis



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Evaluation of the measurement concept

- **Technical testing and analysis: heterogeneous, growing German branch with historically developed structures**
- **Well defined and surveyed turnover**
- **Different statistics fairly coherent even with regard to the use of administrative data**
- **Turnover by product breakdown reflects diversity and dynamics of the branch**
- **Questions to rise?**

THANK YOU FOR YOUR KIND ATTENTION!

Further information is available on our website (www.destatis.de).
There, you can also access our genesis online database.

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