



Total Market Production Index

**Eurostat, Short-term
Business Statistics
(STS)**

Voorburg Group 2019

Contents

- Description of the TMPI
 - coverage,
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 - Improved coverage
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 - Industry, construction
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- Comparison with NA

TMPI - Methodology

- **T**otal **M**arket **P**roduction **I**ndex = Industry, Construction, Trade, Services (as covered by European STS)
- No financial or public services
- NACE Rev. 2: B, C, D, F, G, H, I, J, L, M, N (with some exceptions, e.g. M72, M75)
- Monthly
- T + 60

Timing, t + 60

Jan | Feb | Mar | Apr | May | June

STS
(month) | TMPI Jan | TMPI Feb | TMPI Mar Q1

Nat. Acc.
(quarter) | Pre.FE / FE | NR

First publication 2020 as experimental data

TMPI - Methodology

- Laspeyres
- Weights: Value added (also for trade)
- Weighting with value added at low NACE levels
- Service production (ISP) – turnover deflated with SPPI (or other adequate method)
- Possibly chain-linked
- Calendar adjusted, seasonally adjusted

Approximated Weights TMPI (EU 28, 2015)

- Industry 31 %
- Construction 8 %
- Trade 19 %
- Services (STS) 42 %

Full coverage of industry

eurostat  | newsrelease
euroindicators

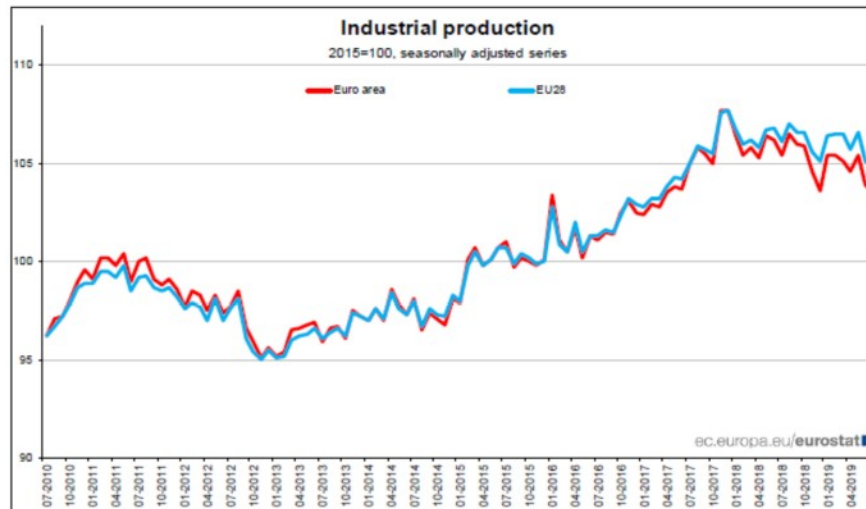
138/2019 - 12 September 2019

July 2019 compared with June 2019

Industrial production down by 0.4% in euro area
Down by 0.1% in EU28

In July 2019 compared with June 2019, seasonally adjusted industrial production fell by 0.4% in the euro area (EA19) and by 0.1% in the EU28, according to estimates from Eurostat, the statistical office of the European Union. In June 2019, industrial production fell by 1.4% in both the euro area and EU28.

In July 2019 compared with July 2018, industrial production decreased by 2.0% in the euro area and by 1.2% in the EU28.



Full coverage of construction

eurostat 

newsrelease
euroindicators

131/2019 - 20 August 2019

Due to a technical error affecting the first paragraph on page 2, this News Release has been revised.
We apologise for any inconvenience this error may have caused.

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June 2019 compared with May 2019

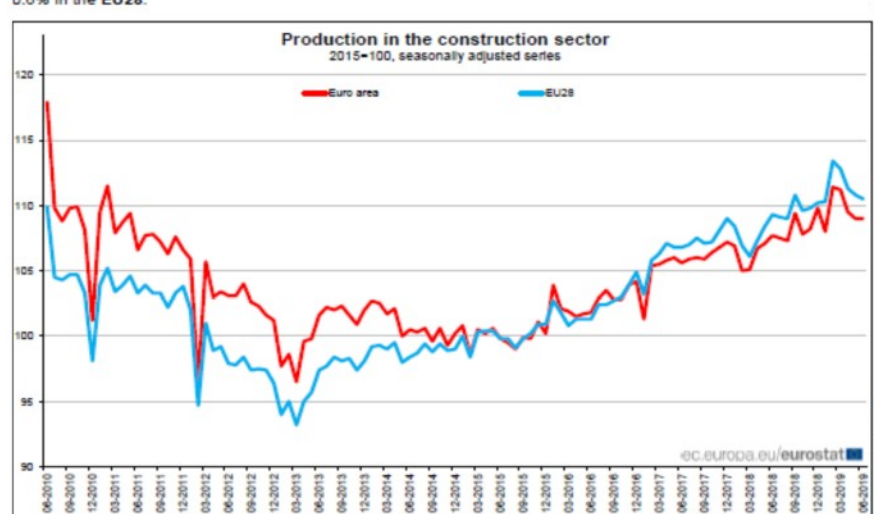
Production in construction unchanged in euro area

Down by 0.3% in EU28

a

In June 2019 compared with May 2019, seasonally adjusted production in the construction sector remained unchanged in the euro area (EA19) and decreased by 0.3% in the EU28, according to first estimates from Eurostat, the statistical office of the European Union. In May 2019, production in construction decreased by 0.5% in the euro area and by 0.4% in the EU28.

In June 2019 compared with June 2018, production in construction increased by 1.0% in the euro area and by 0.6% in the EU28.



Regulation 1165/98 & FRIBS

NACE*	1165/98	FRIBS
Industry (B, C, D)	Production	Production
Construction (F)	Production	Production
Retail trade (G47)	Volume of sales	Volume of sales
Wholesale trade (G46), motor vehicles (G45)	Turnover (q)	Volume of sales (m)
Services (H, I, J, M, N_STS)	Turnover (q)	Production/ deflated turnover (m)
Services (L68, N77)	-	Production/ deflated turnover (m)

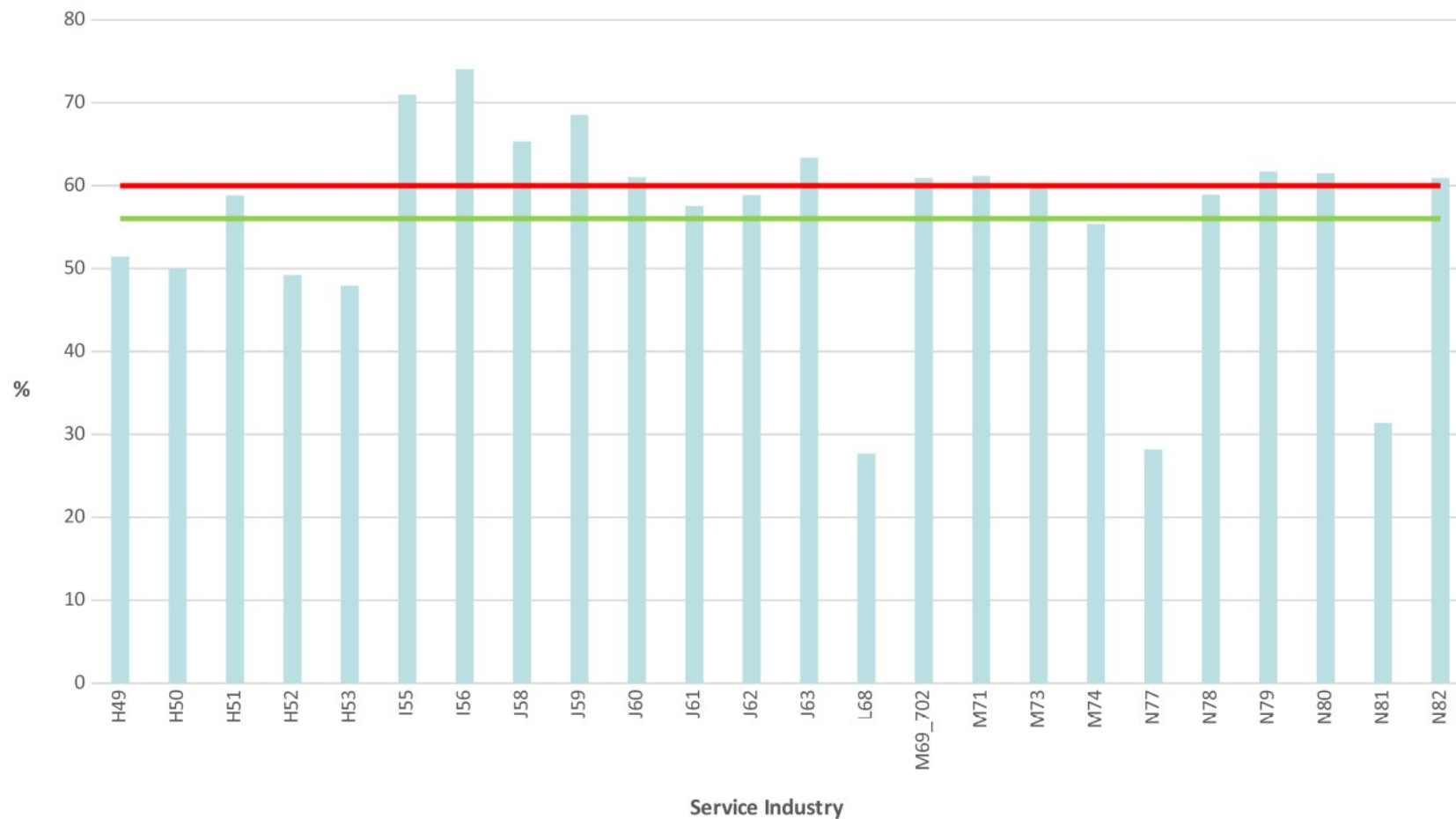
* Some exceptions at lower NACE levels, e.g. M72, M75

Ares with low coverage

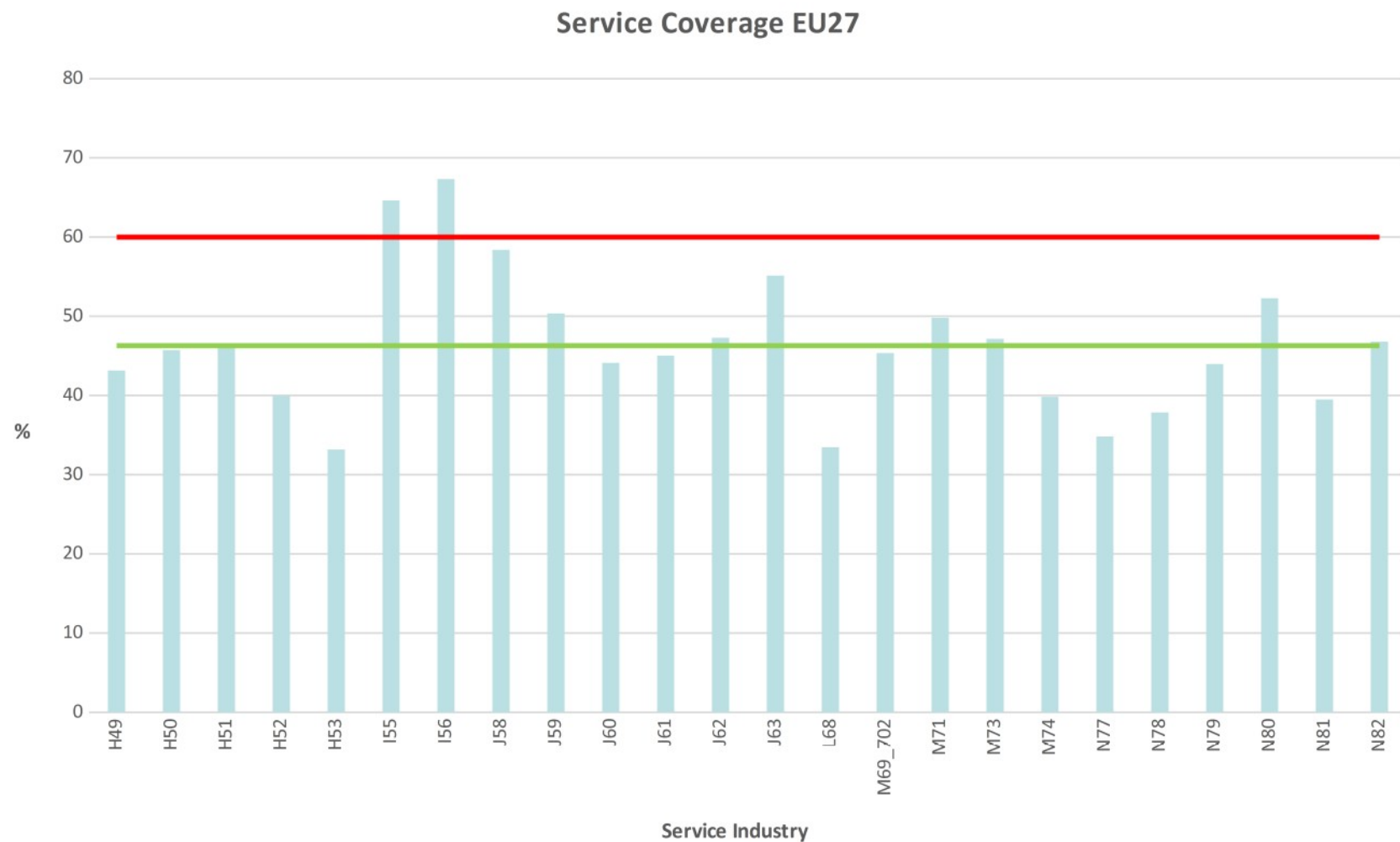
- Monthly production in services
- **Monthly turnover in services**
- Service producer prices
- Monthly deflated turnover wholesale trade
- Monthly deflated turnover vehicles

Monthly Turnover - coverage

Services Coverage EU28

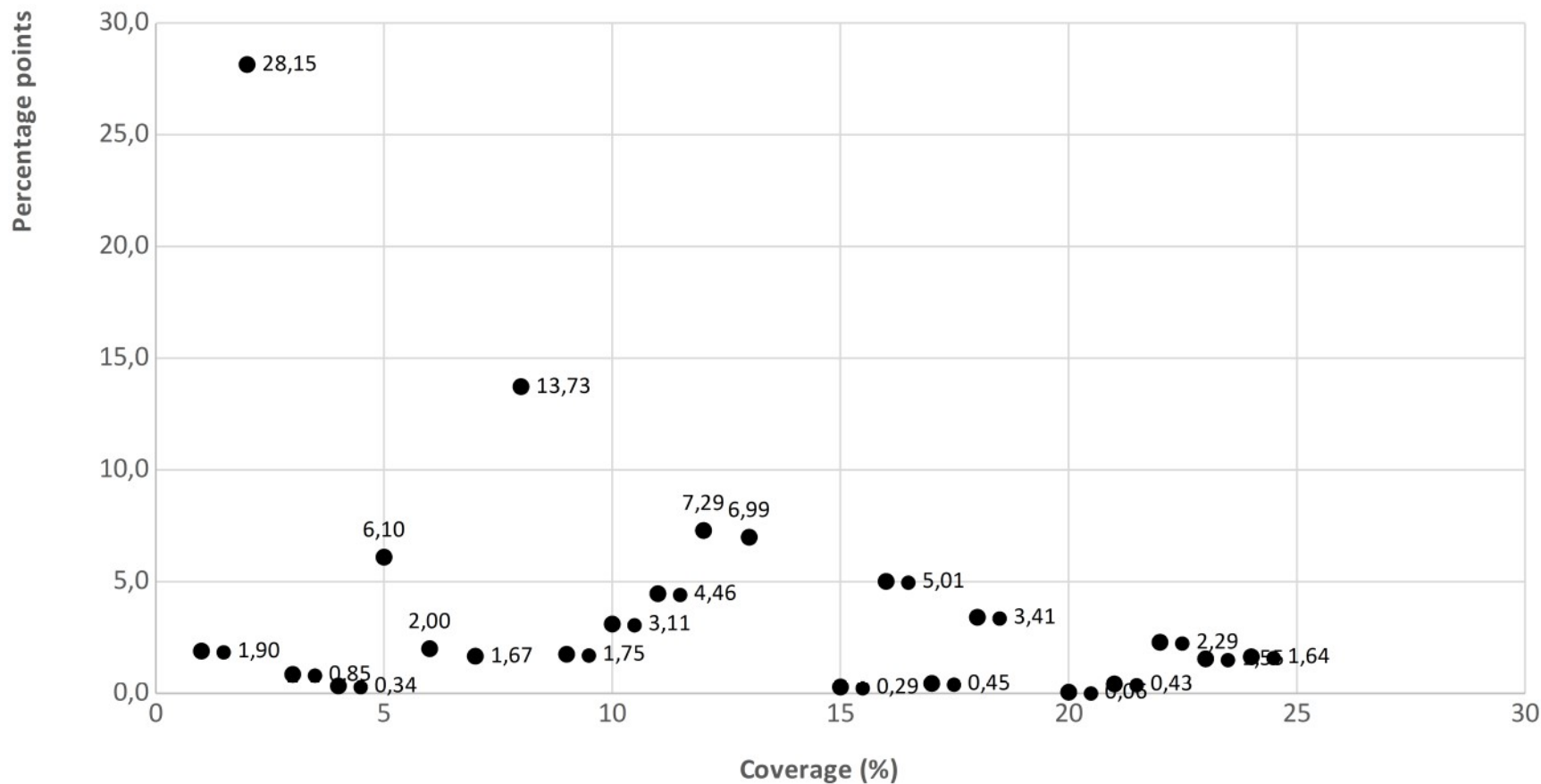


Monthly Turnover- coverage



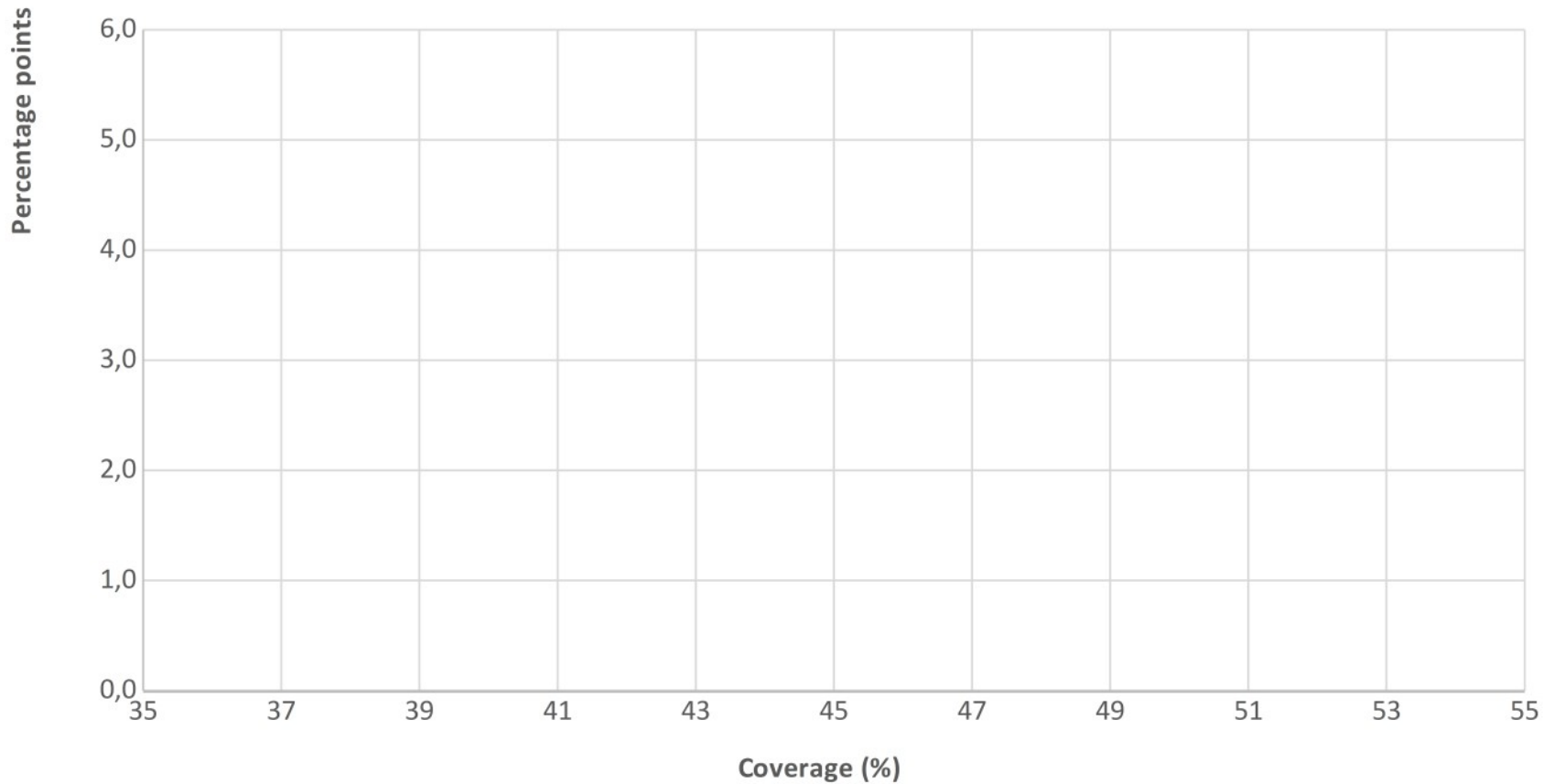
Quality of the monthly Service Turnover Index

Index - average absolute error
(Full coverage minus monthly coverage)

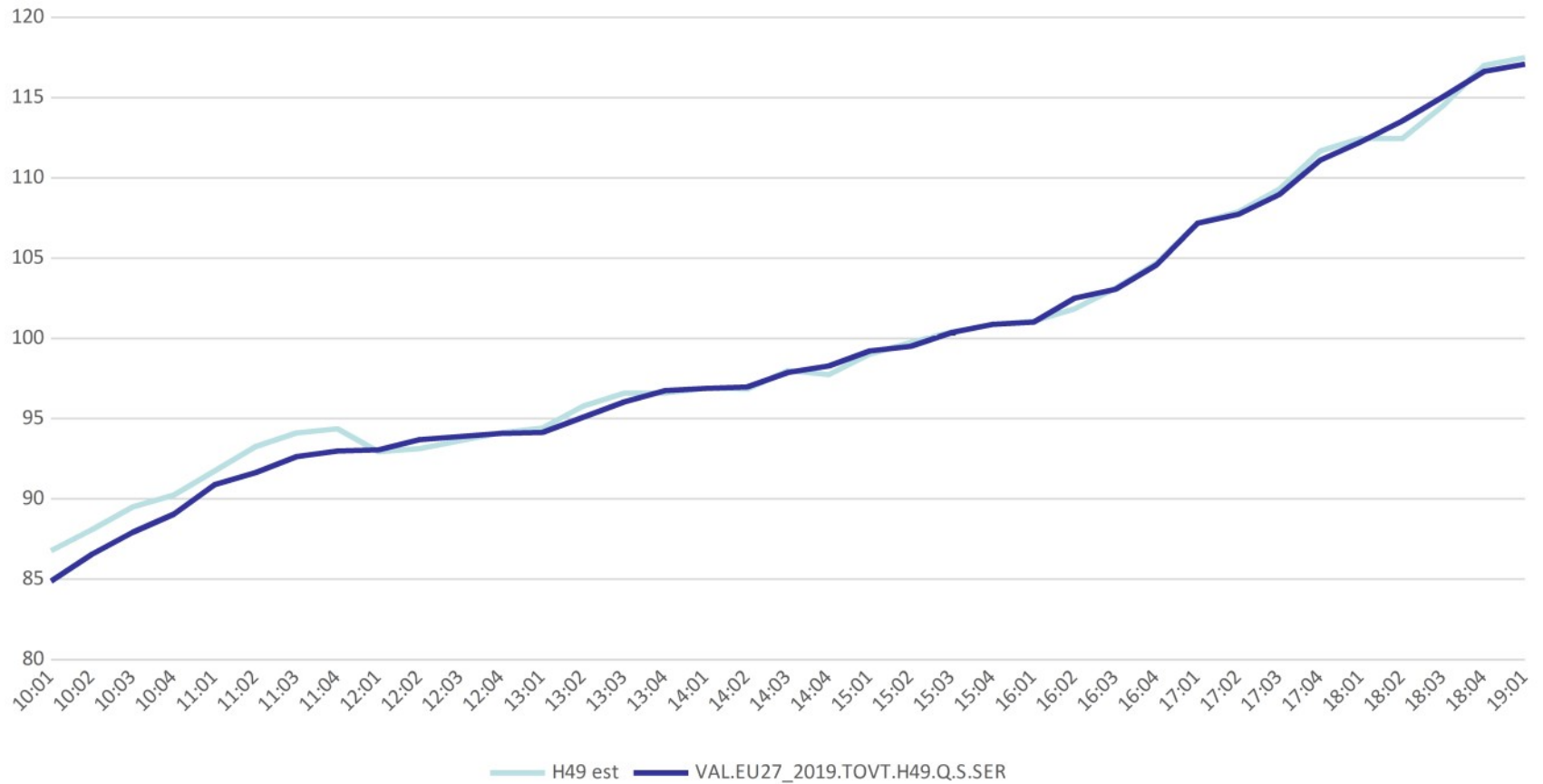


Quality of the monthly Service Turnover Index

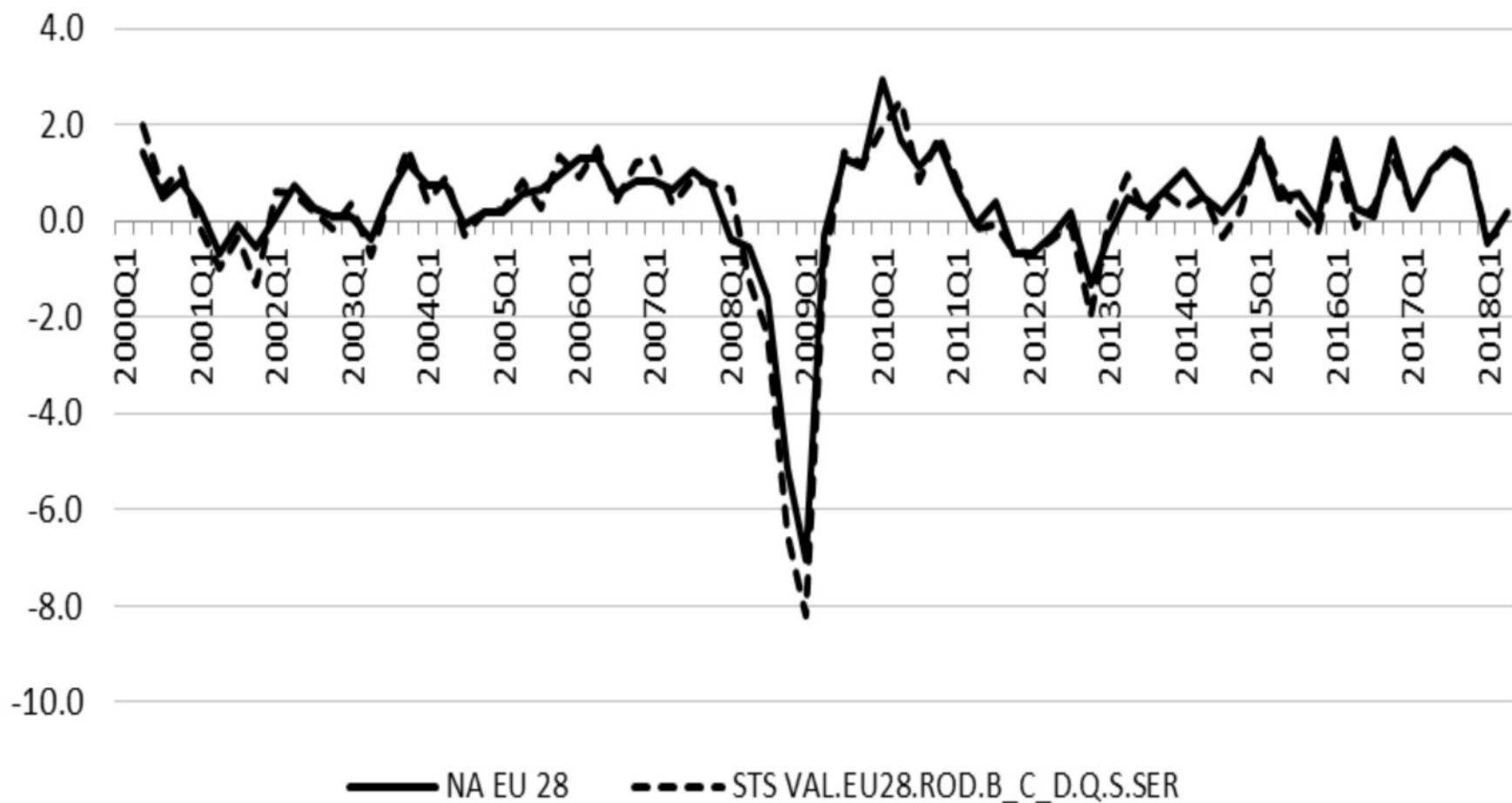
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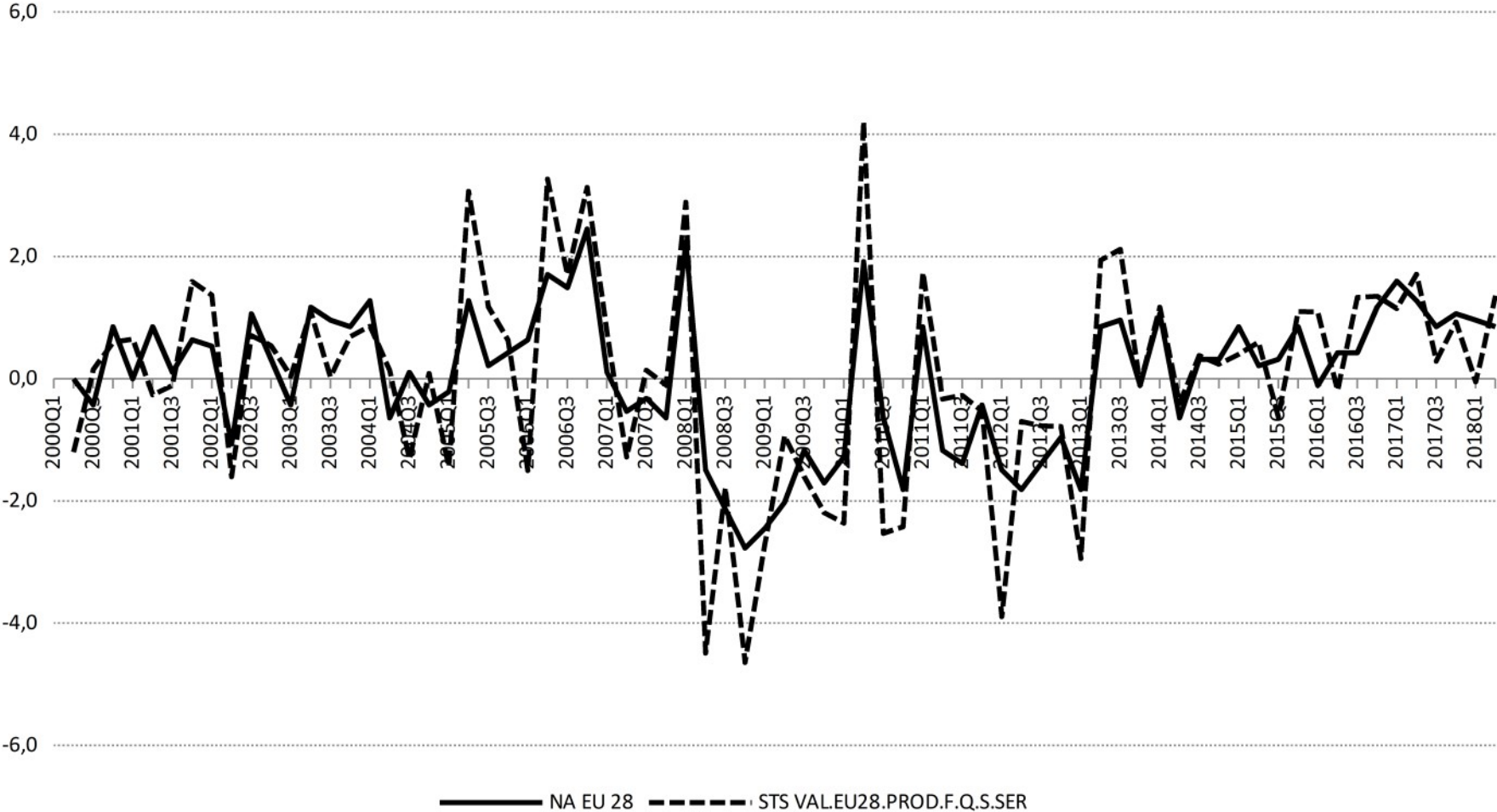
Estimated vs. complete series- Transport



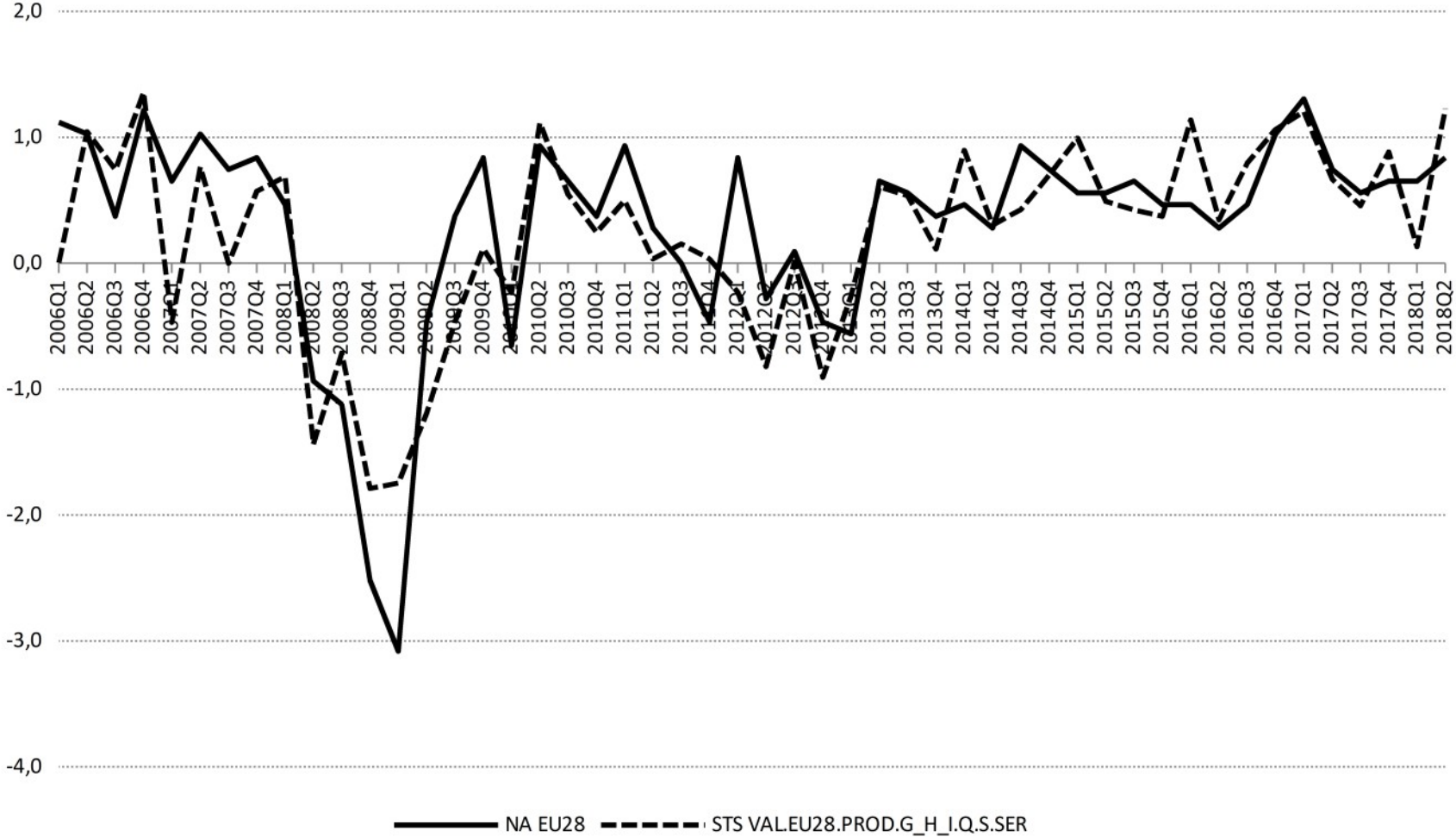
EU 28, Industrial Production NA, STS



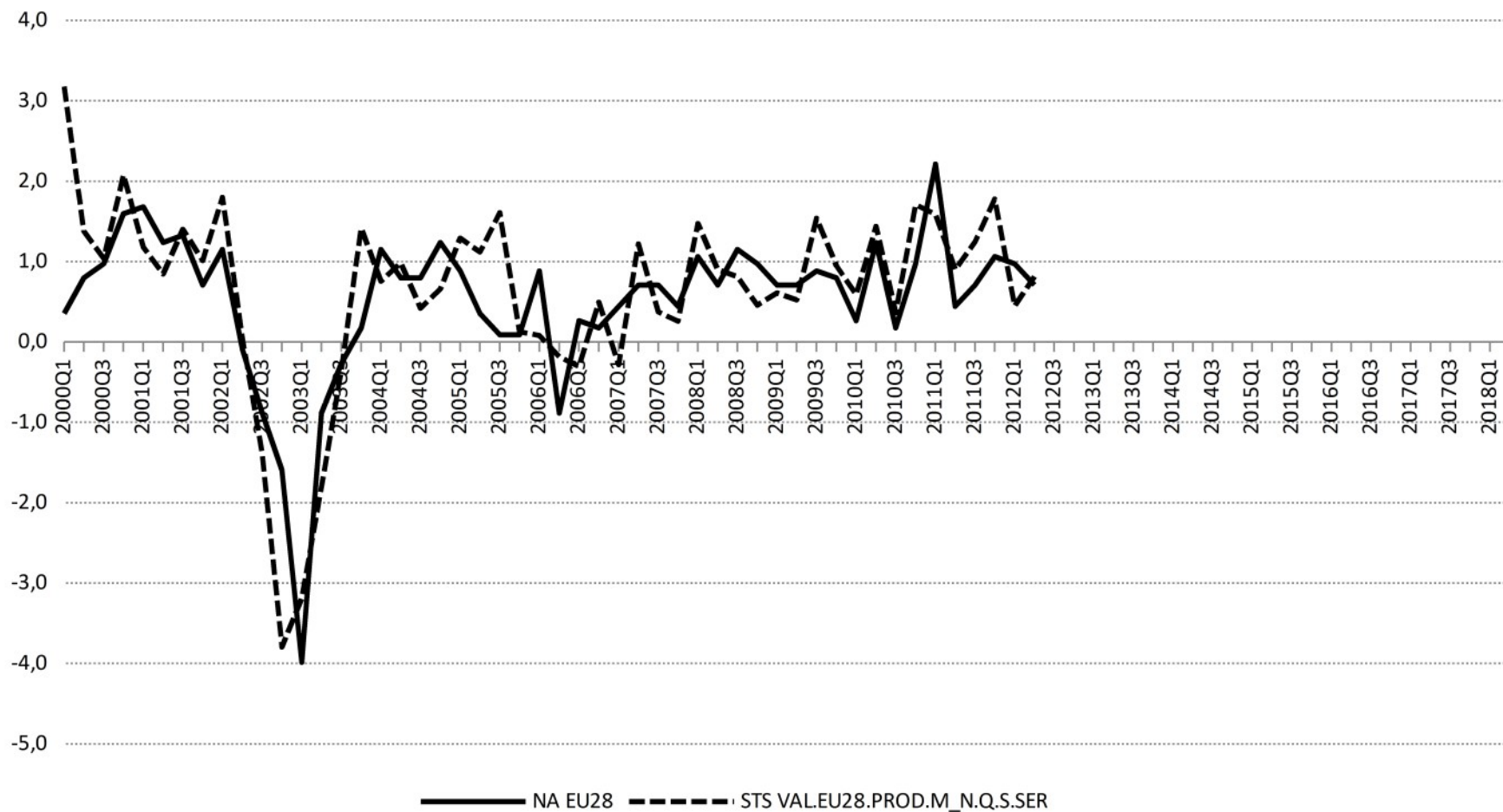
EU 28, Construction production NA,STS



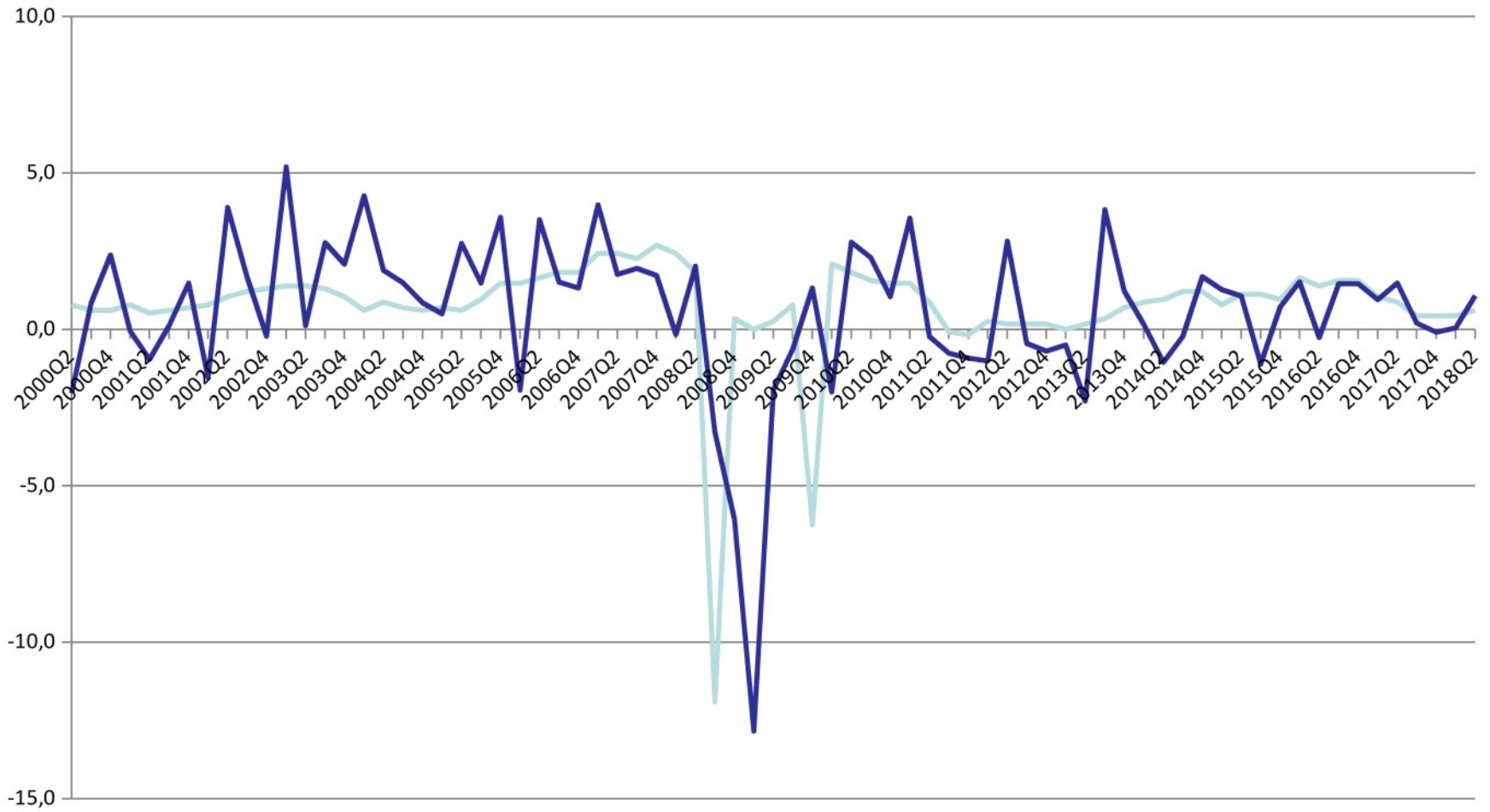
EU 28, Trade, transport, food services NA,STS



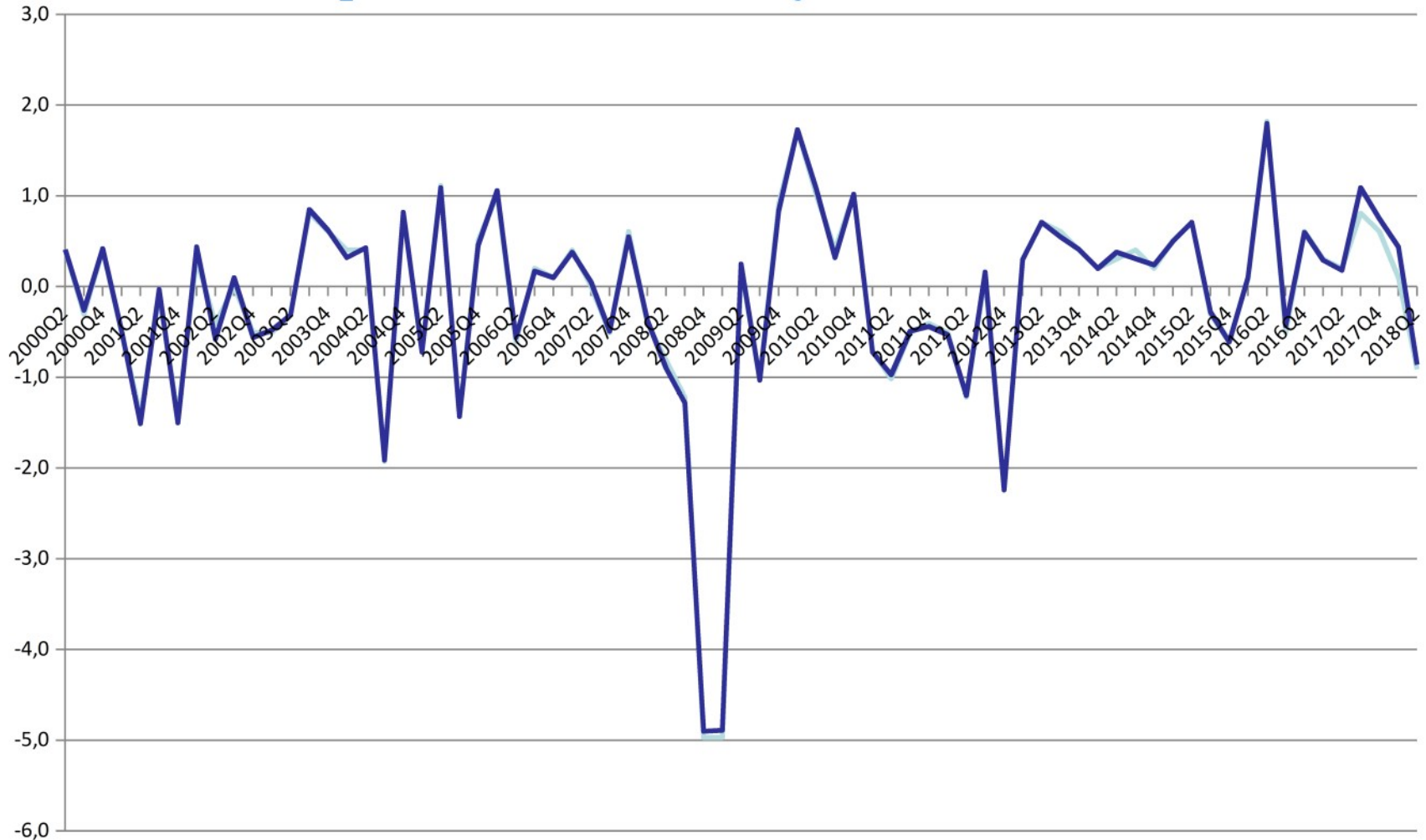
EU 28, Prof. & admin services NA,STS



Big differences between countries – Industrial production Country A



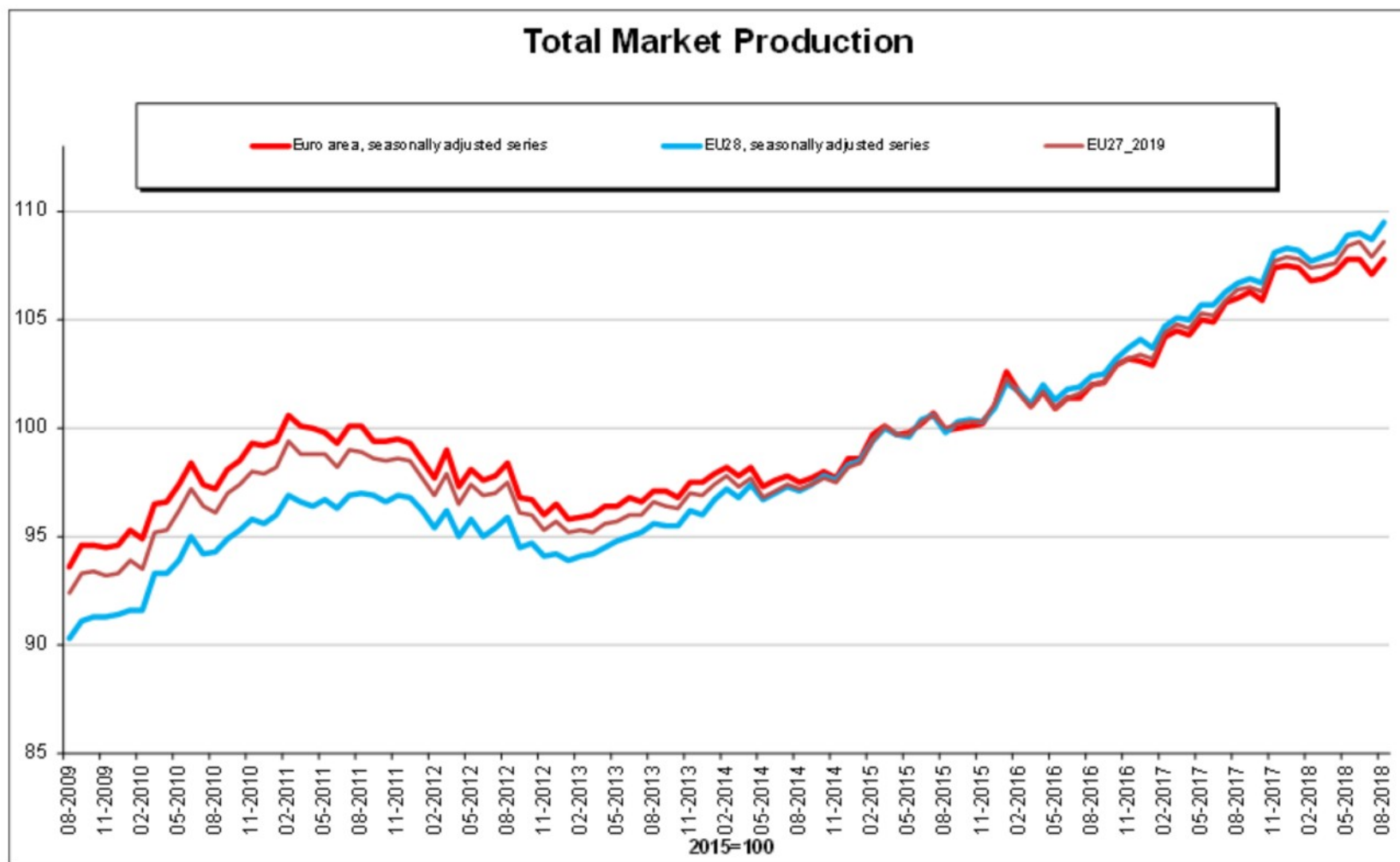
Big differences between countries – Industrial production Country B



Points to note

- Very good consistency for industrial production, relatively good for construction but less so for services.
- Service data still have low coverage.
- Big differences between countries, probably due to different production methods and different use of STS as input.
- Consistency may partly be artificial if STS is revised in light of NA results.
- Industry and construction are already today comparable between STS and NA.

Tentative EU 28 TPMI estimated by Eurostat



Questions, points for discussion

- National experiences with comprehensive short-term indicators?
 - Relation with NA?
 - Methodology?
 - Timing?



**Thank you
for your attention!**

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