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Productivity in Ireland 2017

Michael Connolly and Yvonne Hayden
September 2019

Introduction

- 2 measures of MFP
- Introduction Market sector
- Introduction of KLEMS: sectoral analysis
- Introduction of QALI
- Additional sectors included



Results : 2016 v 2017

- Labour Productivity: 2% v 3%
- Multi-factor Productivity: 1.5% v 6.2%
- GVA Growth: 4.8% v 6.4%



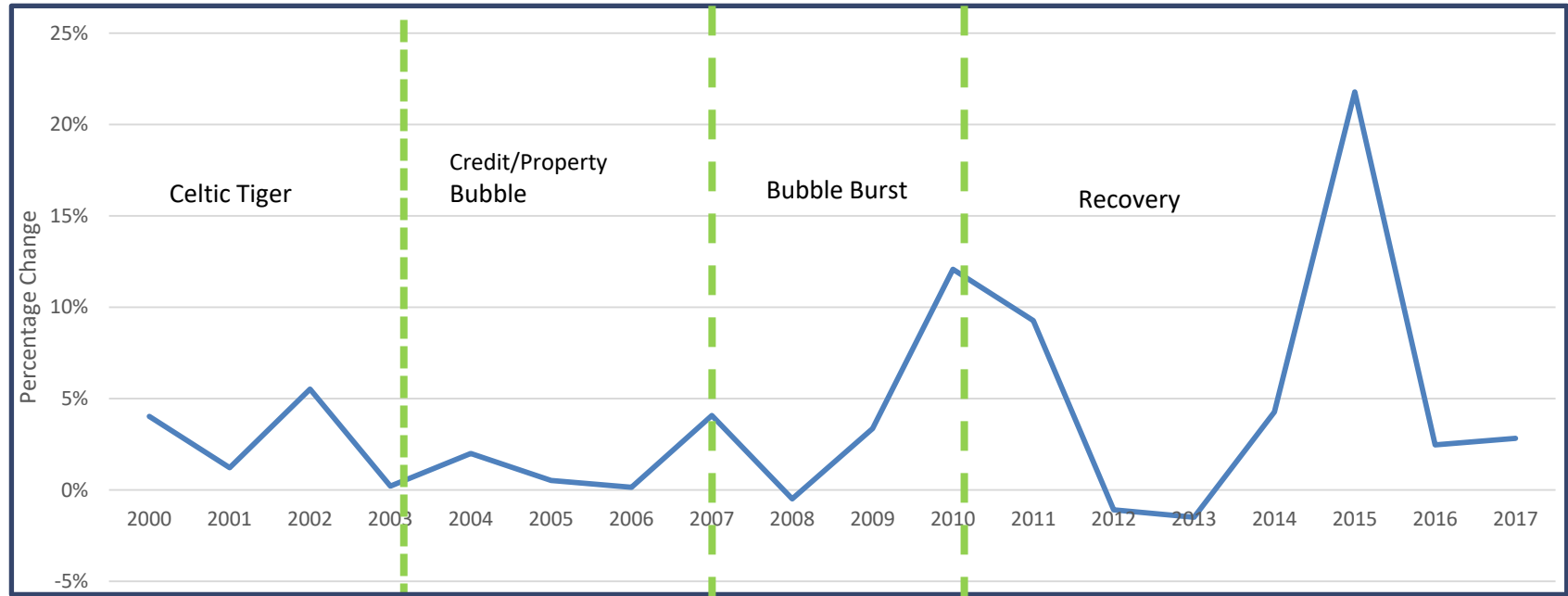


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Labour Productivity

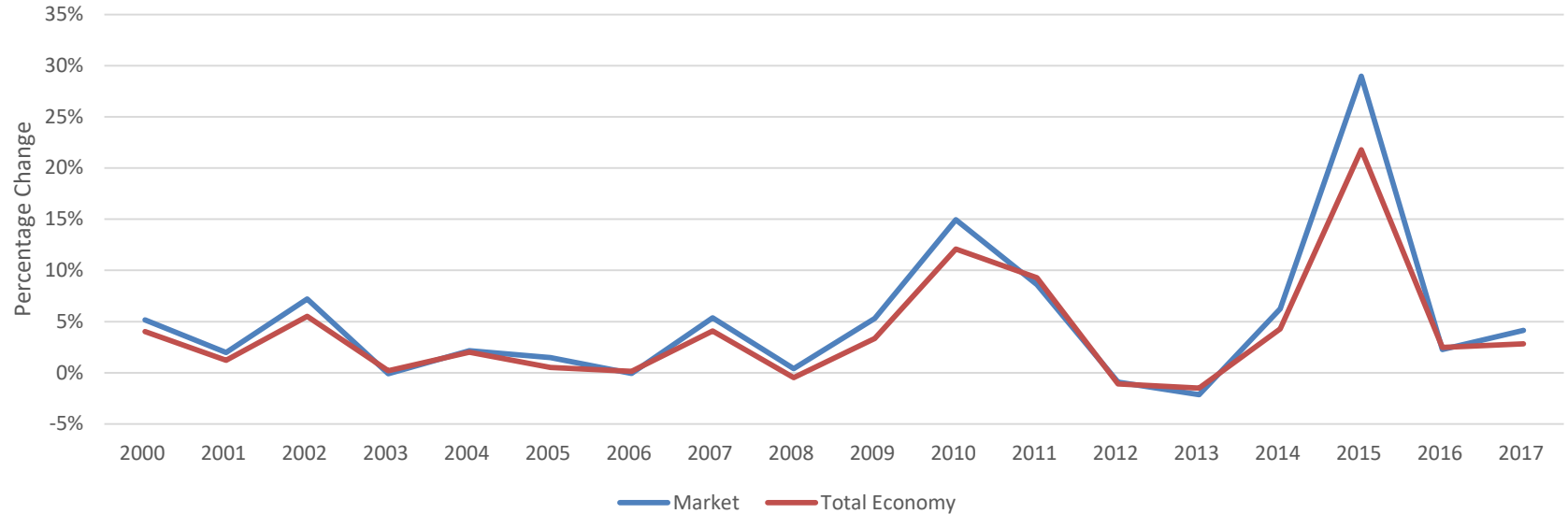
Labour Productivity



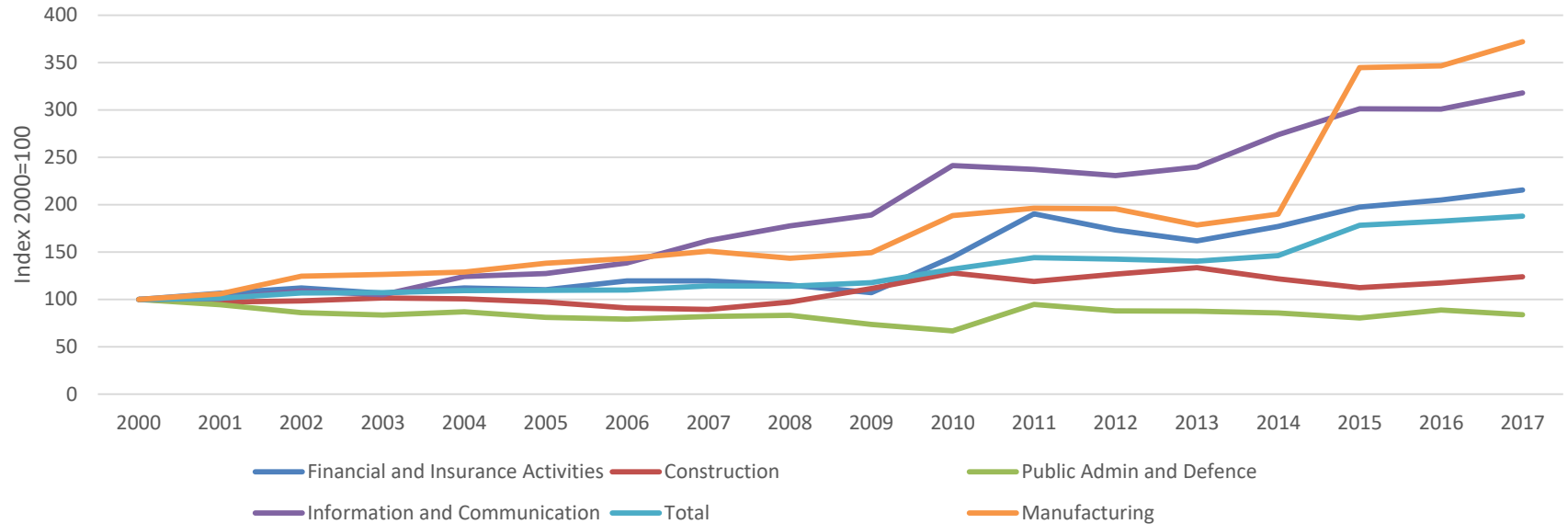
Labour Productivity Breakdown



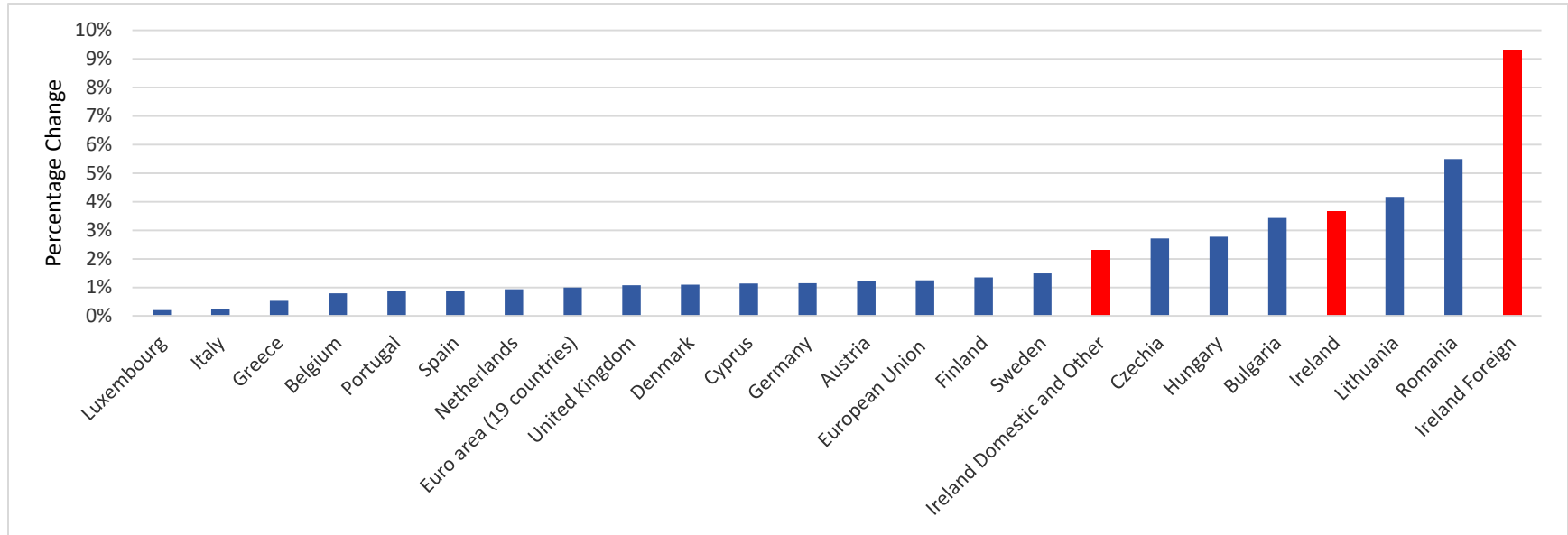
Labour Productivity: Comparison



Labour Productivity: Sectoral growth since 2000



Labour Productivity: Annual Average Growth Rate: 2000-2017





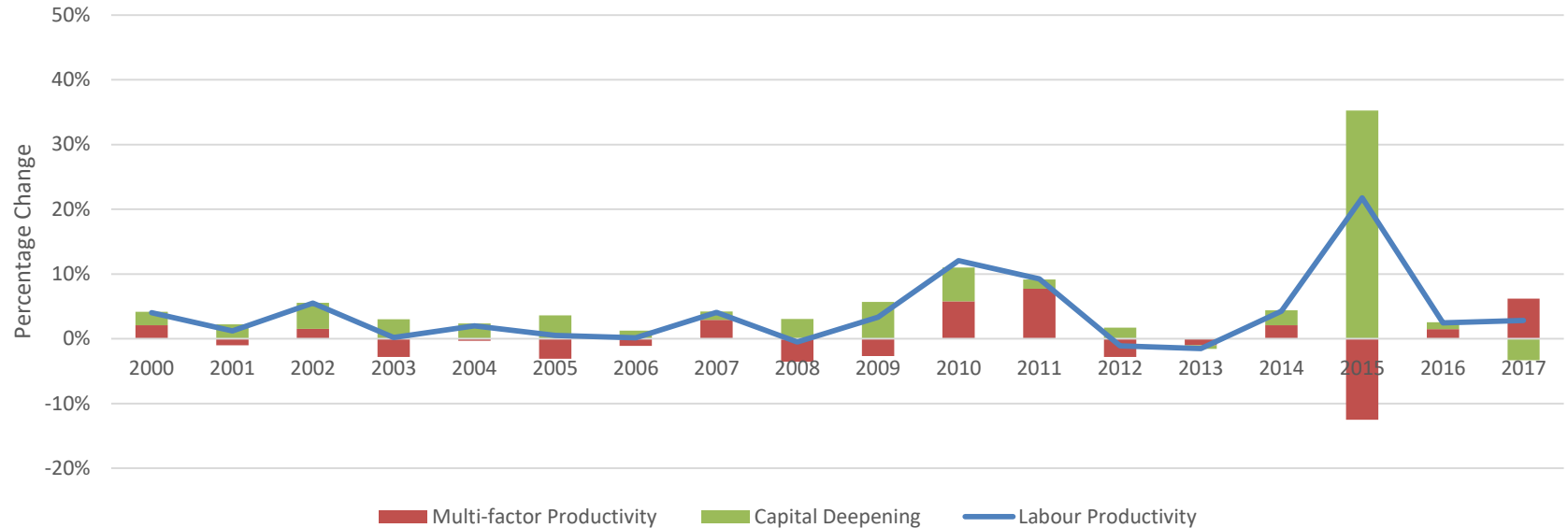
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Labour Productivity: Further Analysis

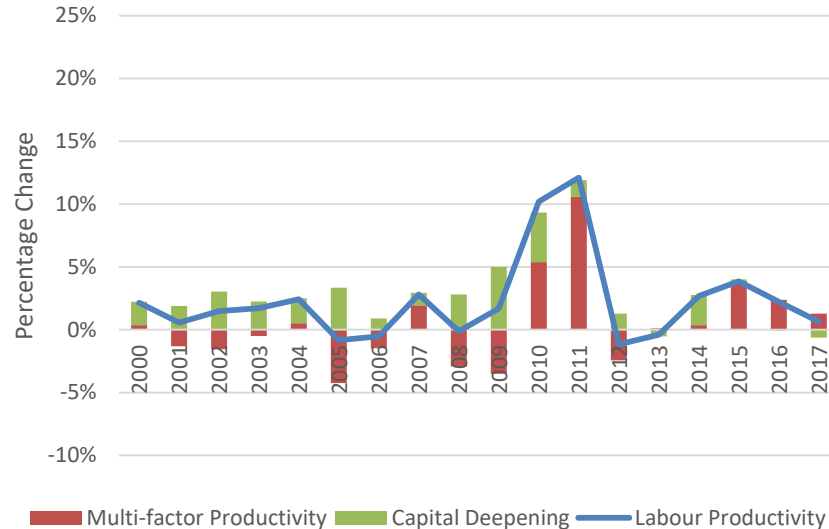


Labour Productivity Breakdown 2

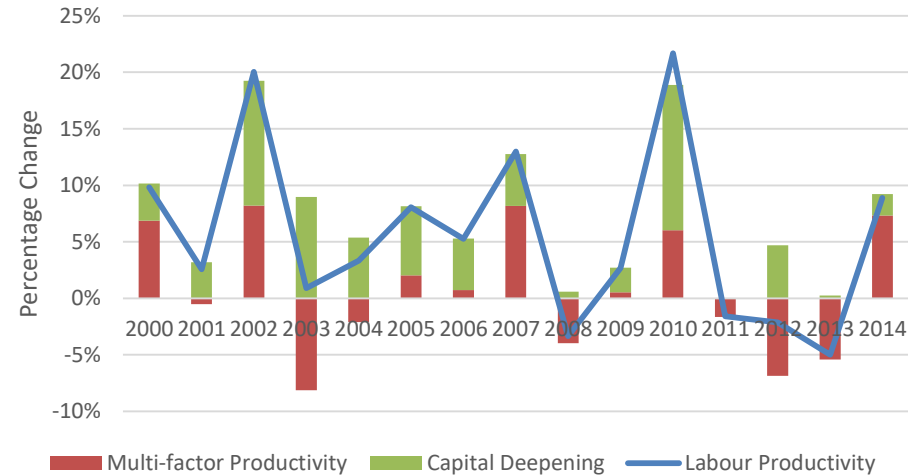


Comparison of Domestic and Other and Foreign dominated sector to 2014

Domestic and Other



Foreign dominated to 2014





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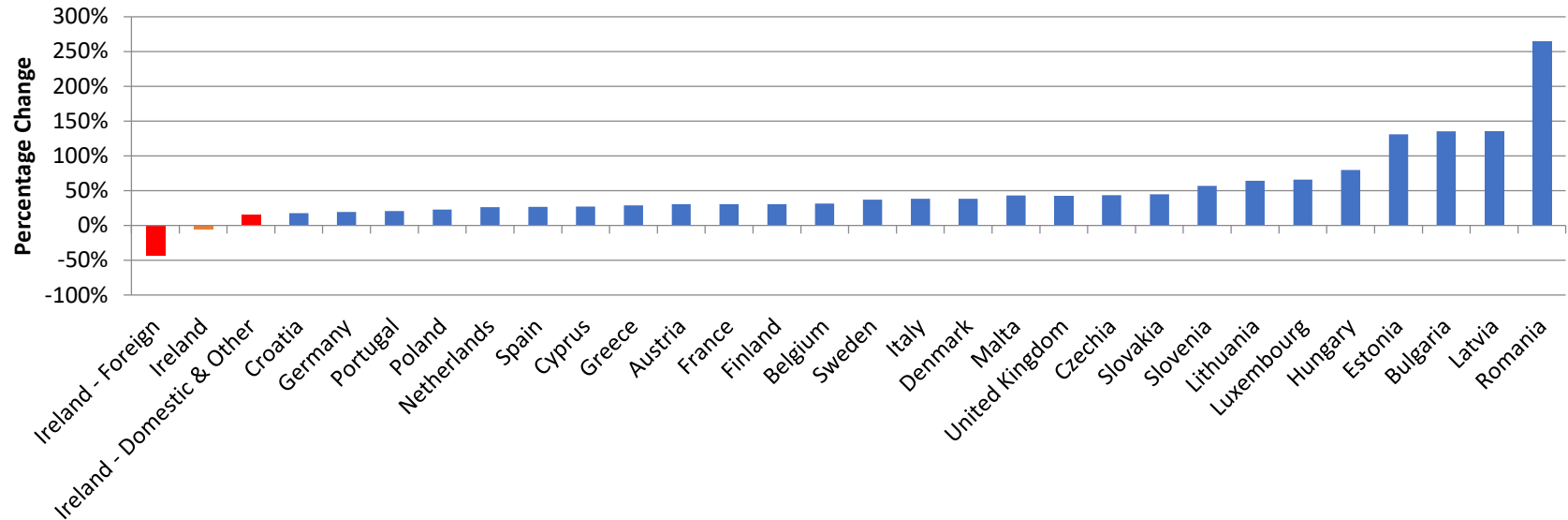
Nominal Unit Labour Costs



Nominal Unit Labour Costs



Nominal Unit Labour Costs: Country Comparisons -2000-2017





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GVA Inputs

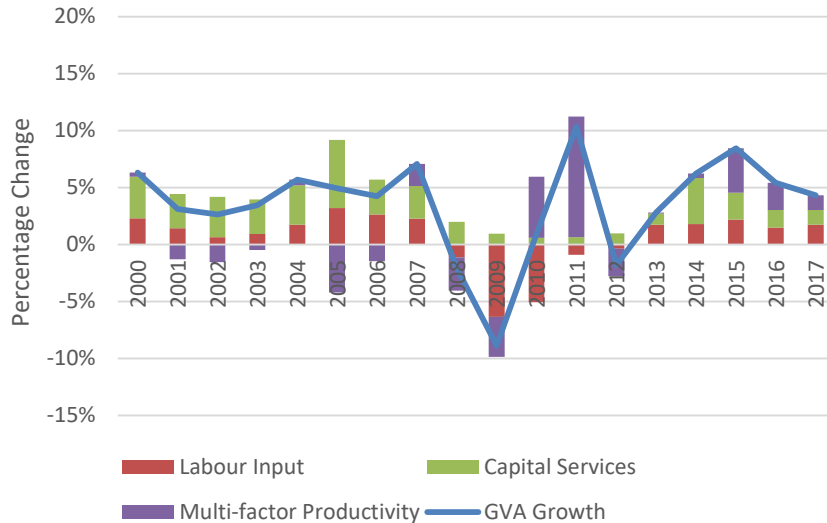


GVA Growth by Inputs: 2000-2017

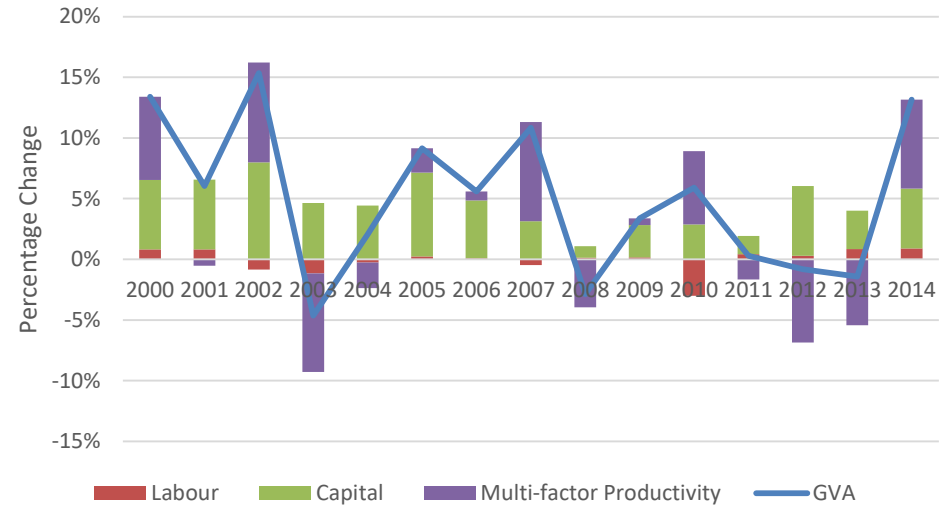


Comparison of Domestic and Other and Foreign sector GVA growth to 2014

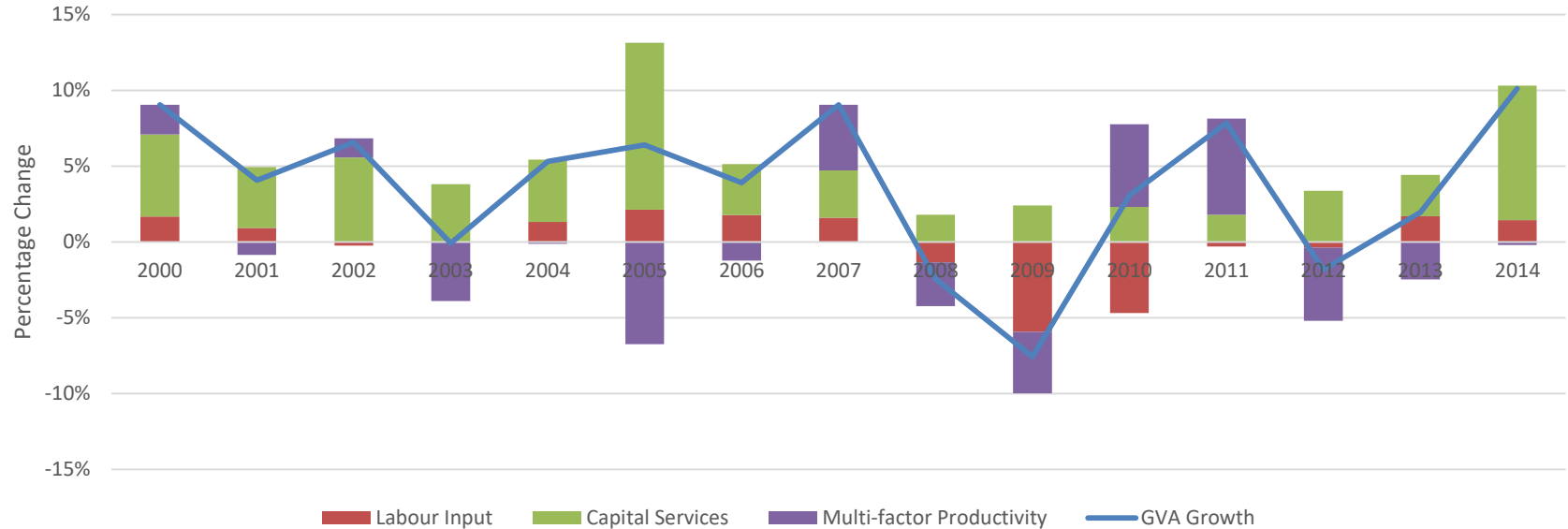
Domestic and Other GVA Growth



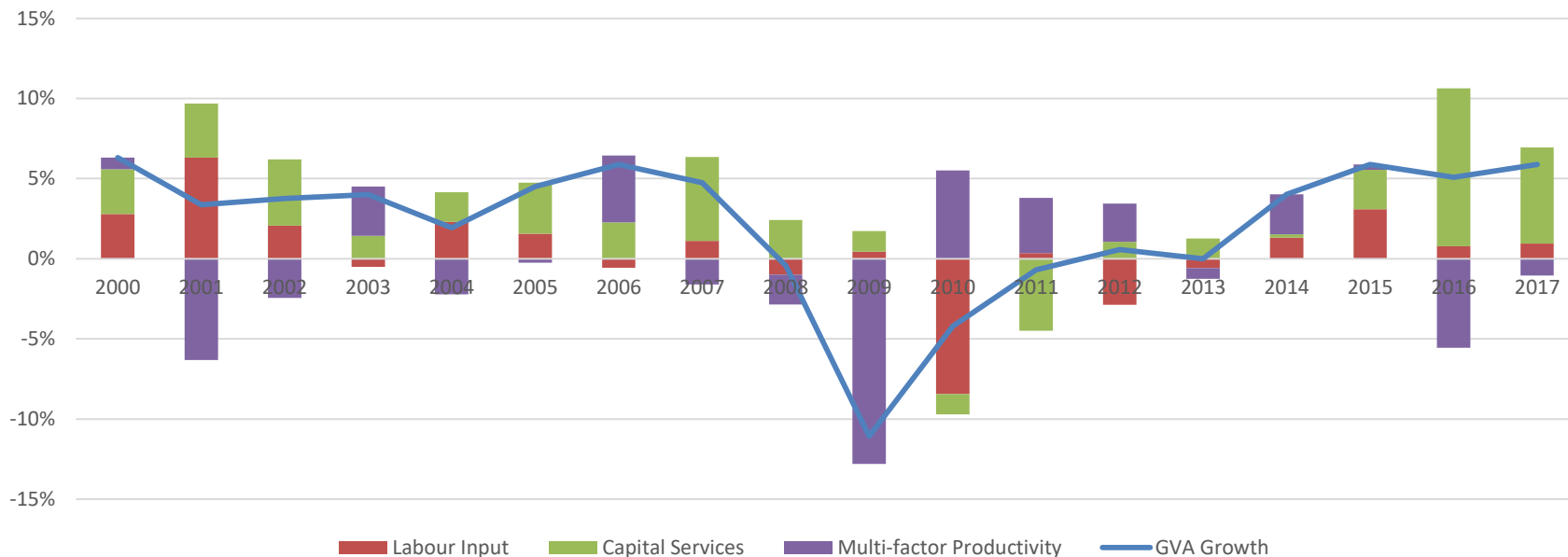
Foreign Dominated to 2014



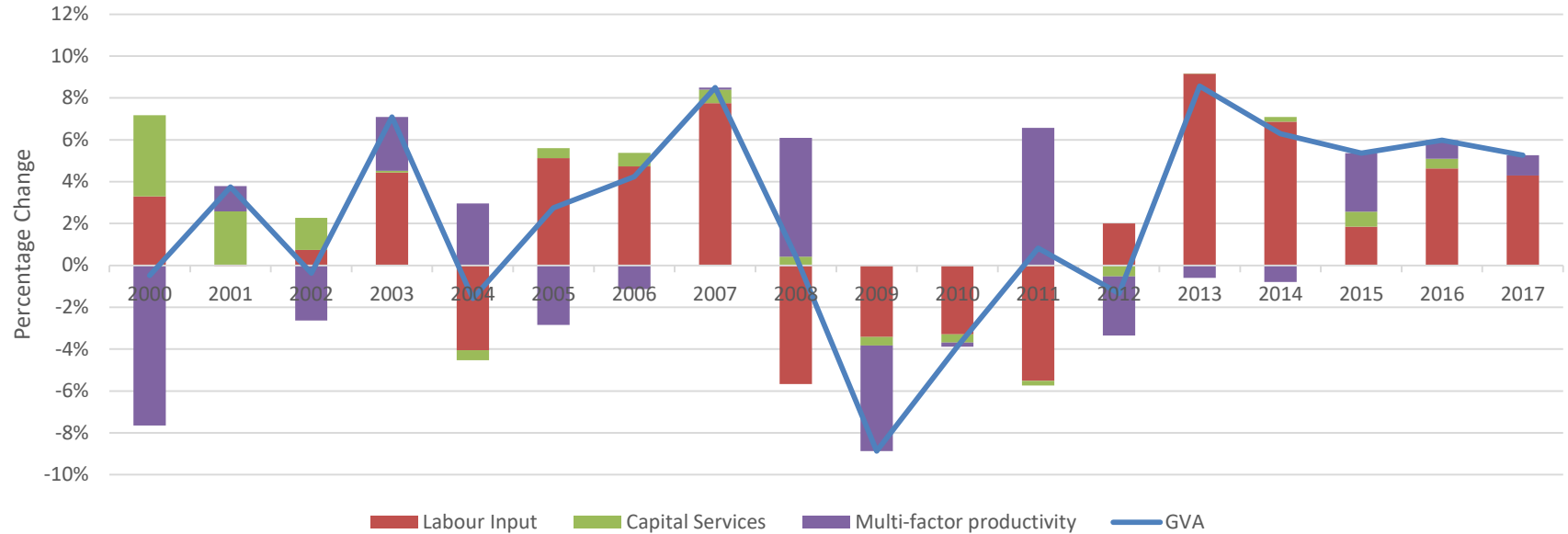
GVA Growth: Market Sector: 2000-2014



GVA Growth: Transport and Storage



GVA Growth: Accommodation and Food





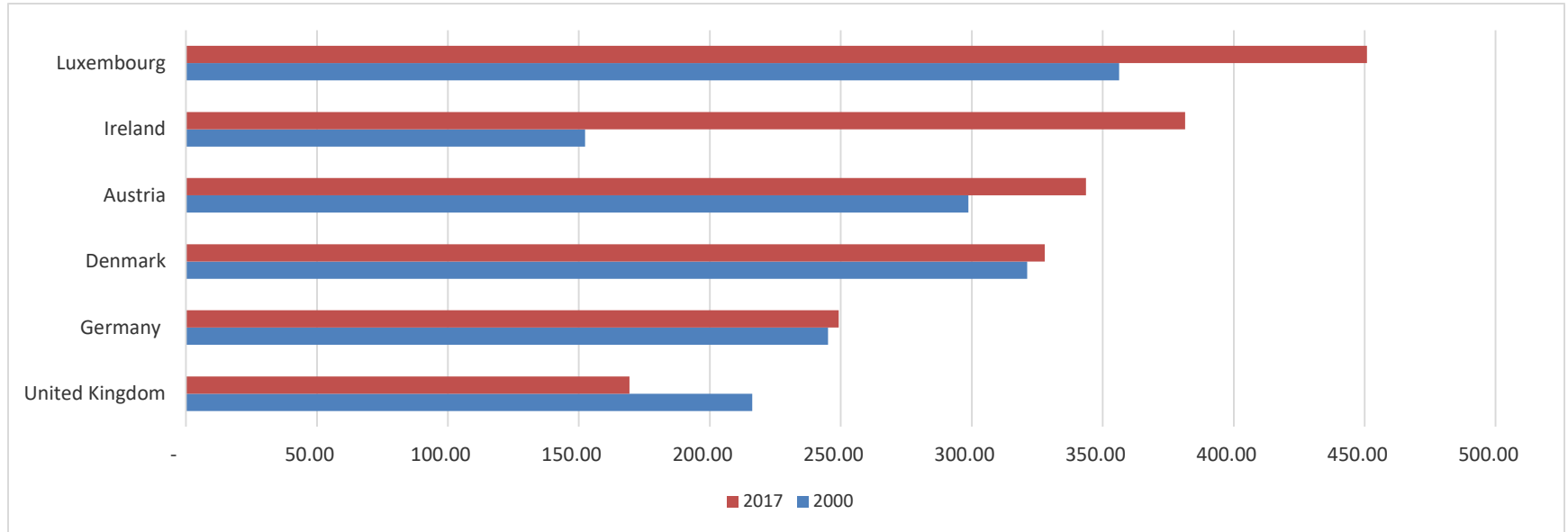
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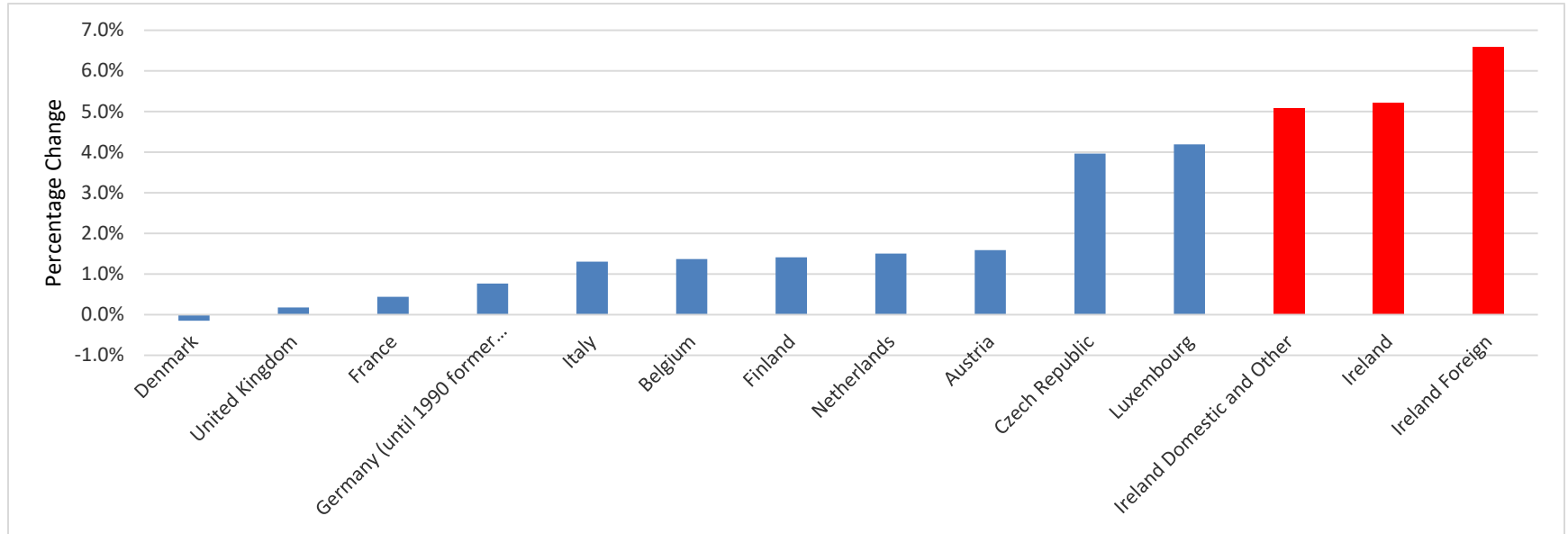
The role of Capital



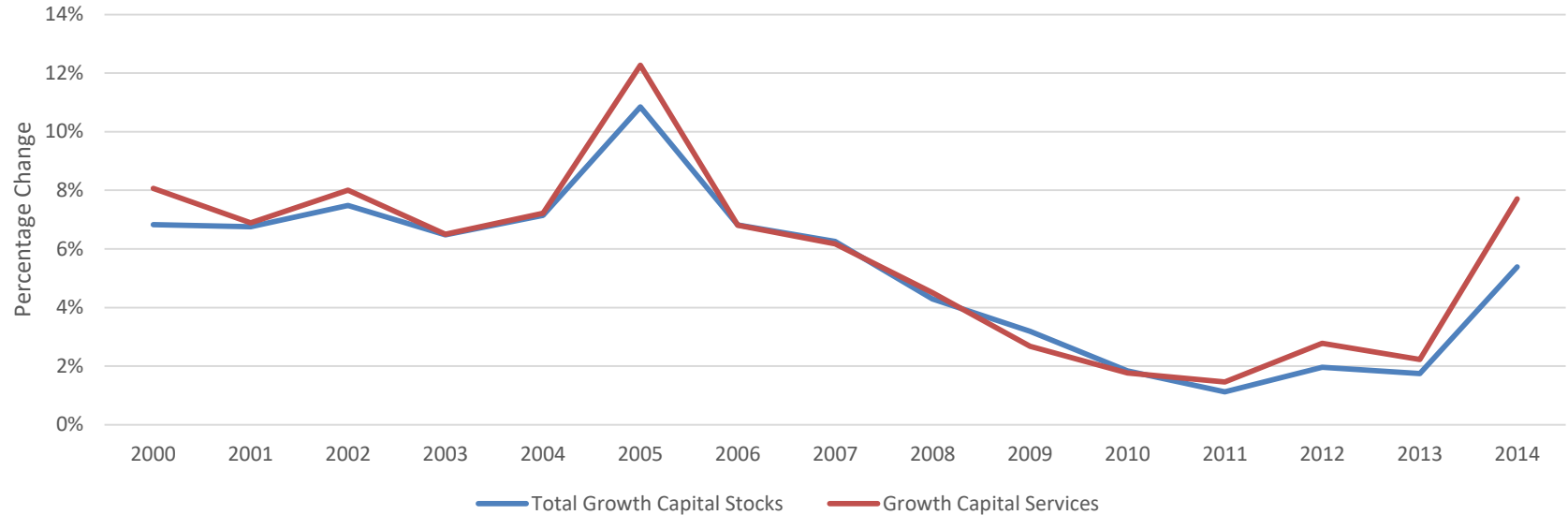
Capital Stock per Employee



Annual Average growth in capital stocks to 2014



Comparison of Capital Stocks and Capital Services





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Research Chapter: KLEMS

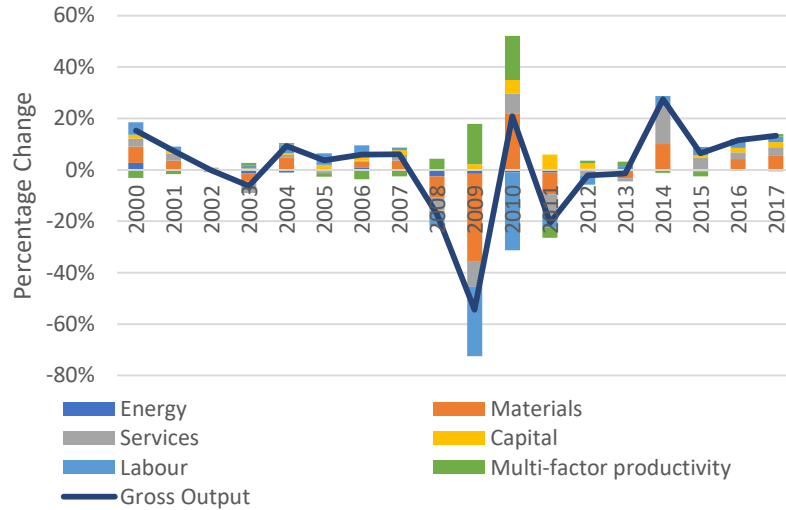
Value Added versus KLEMS

- Value Added versus EUKLEMS Approach
- Role of Intermediate Inputs
- Research Chapter (Preliminary sectors): More work needs to be done to allow for additional sectors

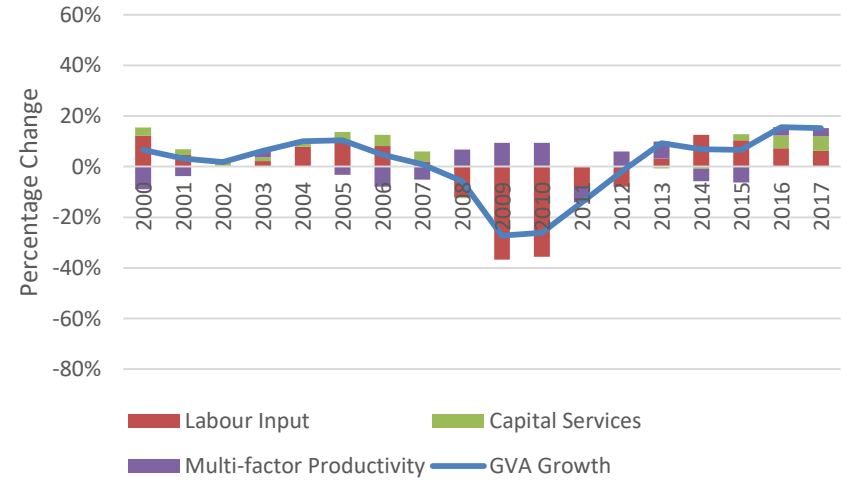


KLEMS v Value Added

Construction: KLEMS

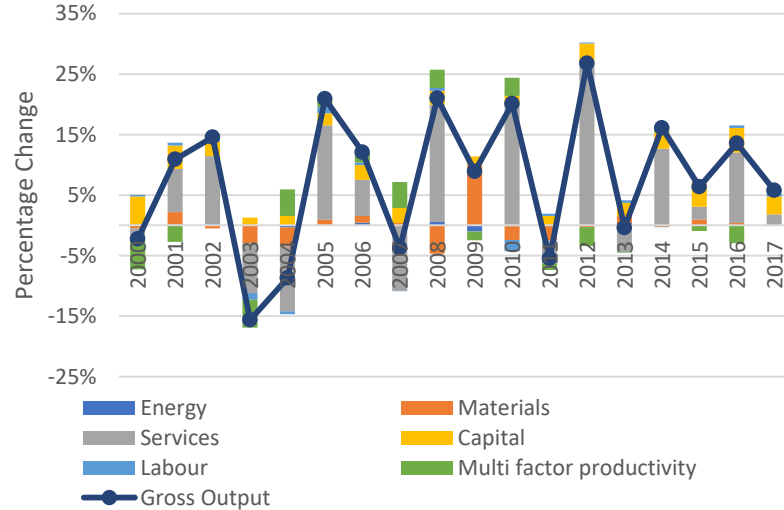


Construction: Value Added

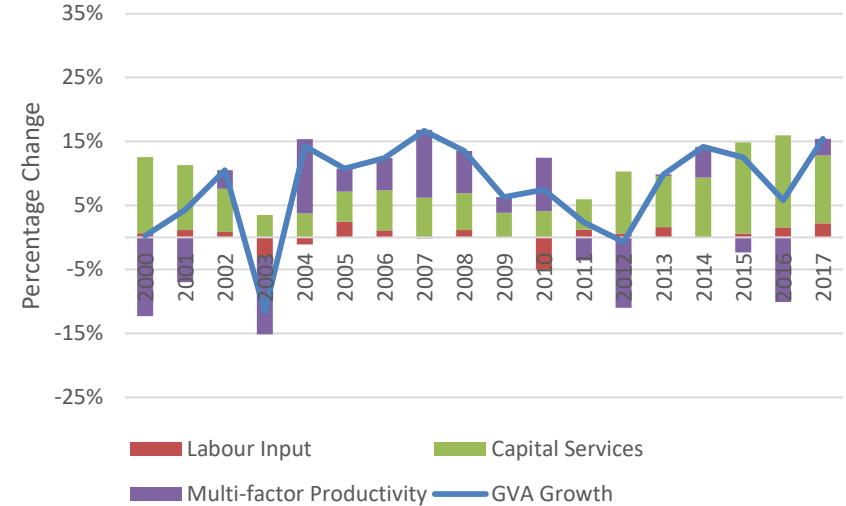


KLEMS v Value Added

KLEMS: Information and Communication

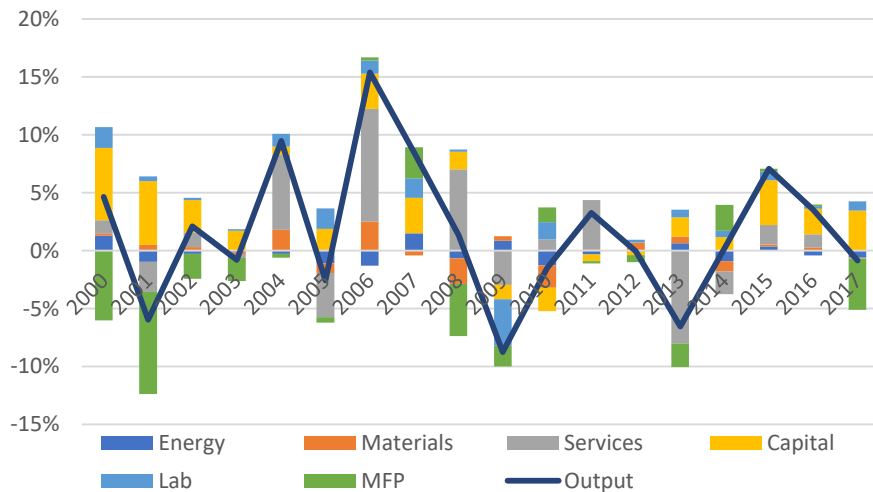


VA: Information and Communication

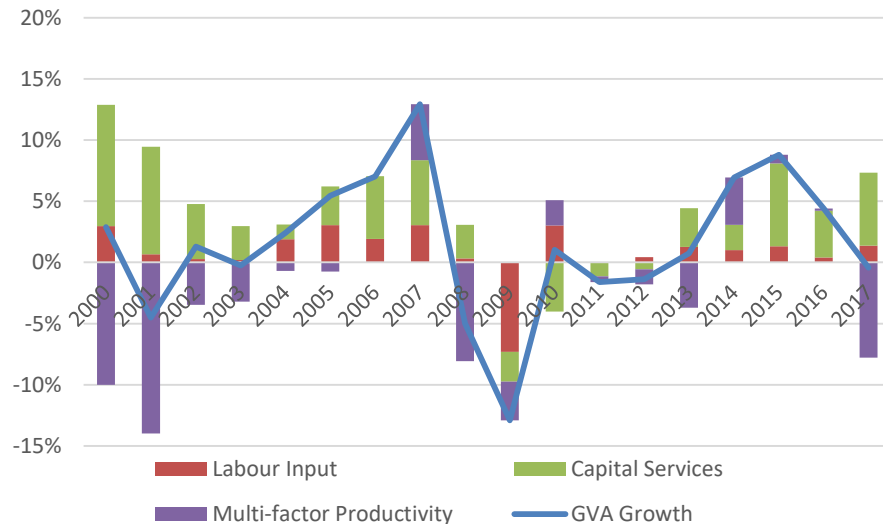


KLEMS v Value Added

KLEMS: Wholesale and Retail



VA: Wholesale and Retail





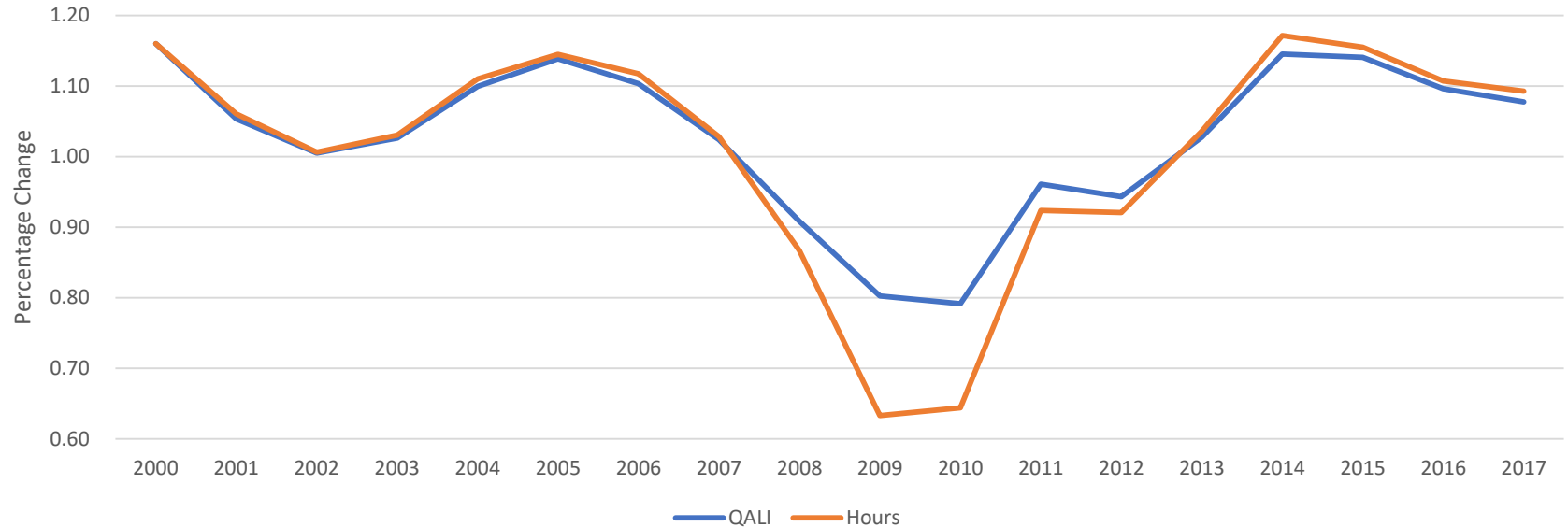
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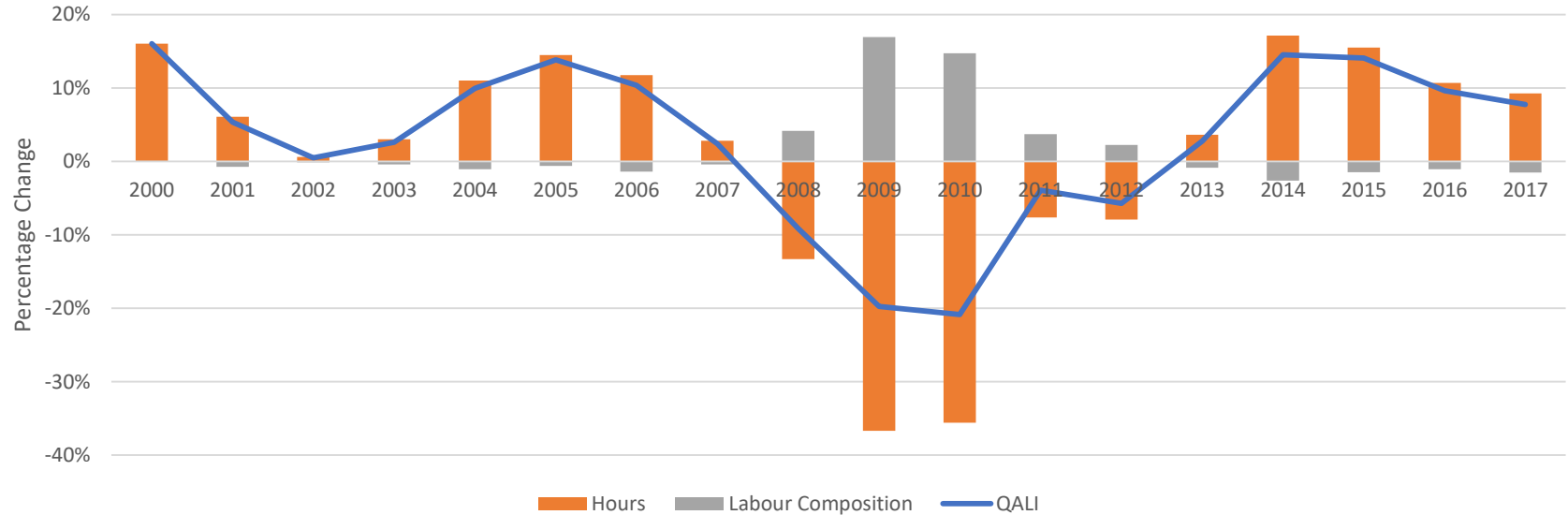
Research Chapter

QALI

QALI: Construction



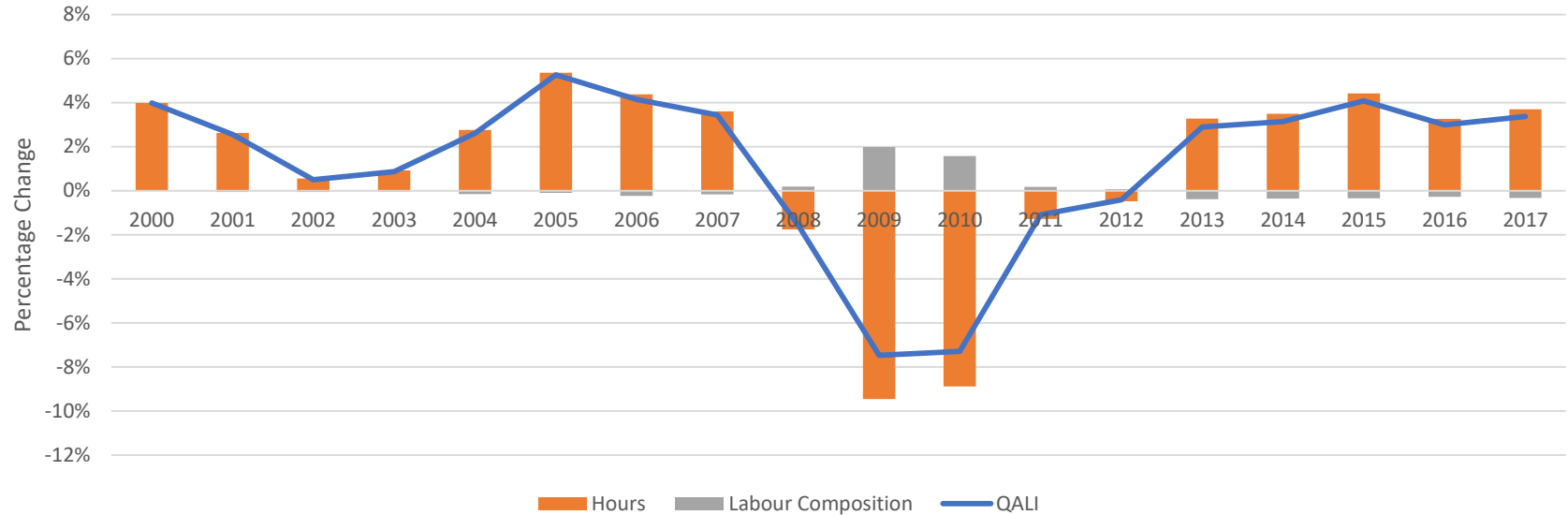
QALI: Decomposition of Construction



QALI: Total Economy



Total Economy: Decomposition





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