



European  
Commission



# EU Trade in Value Added

Iñaki Arto, José M. Rueda-Cantuche,  
M. Victoria Román, Ignacio Cazarro,  
Antonio F. Amores and Erik Dietzenbacher

This publication is a Technical report by the Joint Research Centre (JRC), the European Commission's science and knowledge service. It aims to provide evidence-based scientific support to the European policymaking process. The scientific output expressed does not imply a policy position of the European Commission. Neither the European Commission nor any person acting on behalf of the Commission is responsible for the use that might be made of this publication. For information on the methodology and quality underlying the data used in this publication for which the source is neither Eurostat nor other Commission services, users should contact the referenced source. The designations employed and the presentation of material on the maps do not imply the expression of any opinion whatsoever on the part of the European Union concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

## EU Science Hub

<https://ec.europa.eu/jrc>

JRC120522

EUR 30215 EN

PDF	ISBN 978-92-76-18829-2	ISSN 1831-9424	doi:10.2760/778748
Print	ISBN 978-92-76-18828-5	ISSN 1018-5593	doi:10.2760/524395

Luxembourg: Publications Office of the European Union, 2020

© European Union, 2020



The reuse policy of the European Commission is implemented by the Commission Decision 2011/833/EU of 12 December 2011 on the reuse of Commission documents (OJ L 330, 14.12.2011, p. 39). Except otherwise noted, the reuse of this document is authorised under the Creative Commons Attribution 4.0 International (CC BY 4.0) licence (<https://creativecommons.org/licenses/by/4.0/>). This means that reuse is allowed provided appropriate credit is given and any changes are indicated. For any use or reproduction of photos or other material that is not owned by the EU, permission must be sought directly from the copyright holders.

All content © European Union, 2020, except: cover page, *IRStone*, 303308308, 2020. Source: [stock.adobe.com](https://stock.adobe.com)  
(unless otherwise specified)

How to cite this report: Arto, I., Rueda-Cantuche, J.M., Román, M. V., Cazcarro, I., Amores, A.F. and Dietzenbacher, E., *EU Trade in Value Added*, EUR 30215 EN, Publications Office of the European Union, Luxembourg, 2020, ISBN 978-92-76-18829-2, doi:10.2760/778748, JRC120522.

# EU Trade in Value Added

Authors

Iñaki Arto<sup>a</sup>

José M. Rueda-Cantuche<sup>b</sup>

M. Victoria Román<sup>b</sup>

Ignacio Cazcarro<sup>a,c</sup>

Antonio F. Amores<sup>b</sup>

Erik Dietzenbacher<sup>d</sup>

<sup>a</sup> Basque Centre for Climate Change

<sup>b</sup> European Commission, Joint Research Centre

<sup>c</sup> Aragonese Agency for Research and Development

<sup>d</sup> University of Groningen

**2020 Edition**





## ■ Table of contents

<i>Introduction</i>	7
<i>Abbreviations and glossary</i>	9
<i>How to read this report</i>	15
<b>A. By EU Member State</b>	19
A.1. EU value added generated by the final demand of each Member State (2000, 2007, 2014; bn EUR)	20
A.2. EU value added by Member State generated by EU final demand (2000, 2007, 2014; bn EUR)	22
A.3. EU value added by Member State generated by EU final demand as a percentage of total value added (2000, 2007, 2014; %)	24
A.4. EU value added by Member State generated by the final demand of each Member State (2014; bn EUR)	26
A.5. Non-EU value added generated by the final demand of each Member State (2000, 2007, 2014; bn EUR)	28
A.6. Total value added effect of the final demand of each Member State (2000, 2014; % and bn EUR)	30
A.7. EU value added by Member State generated by non-EU final demand (2000, 2007, 2014; bn EUR)	32
A.8. EU value added by Member State generated by non-EU final demand as a percentage of total value added (2000, 2007, 2014; %)	34
<b>B. By trading partner</b>	37
B.1. Non-EU value added by country generated by EU final demand (2000, 2007, 2014; bn EUR)	38
B.2. Non-EU value added by country generated by the final demand of each Member State (2014; bn EUR)	40
B.3. Non-EU value added by country generated by non-EU final demand (2000, 2007, 2014; bn EUR)	42
B.4. Total value added effect of the final demand of each non-EU country (2000, 2014; % and bn EUR)	44
<b>C. By industry or sector</b>	47
C.1. EU value added generated by the final demand of each Member State by sector of final demand (2000, 2014; % and bn EUR)	48
C.2. EU value added generated by the final demand of each Member State by industry of final demand (2014; % and bn EUR)	50
C.3. EU value added by Member State generated by EU final demand by sector (2000, 2014; % and bn EUR)	52

C.4. EU value added by Member State generated by EU final demand by industry (2014; % and bn EUR)	54
C.5. EU value added generated by EU final demand: inter-industry linkages (2000, 2014; bn EUR)	56
C.6. Non-EU value added generated by the final demand of each Member State by sector of final demand (2000, 2014; % and bn EUR)	58
C.7. Non-EU value added generated by the final demand of each Member State by industry of final demand (2014; % and bn EUR)	60
C.8. Non-EU value added by country generated by EU final demand by sector (2000, 2014; % and bn EUR)	62
C.9. Non-EU value added by country generated by EU final demand by industry (2014; % and bn EUR)	64
C.10. Non-EU value added generated by EU final demand: inter-industry linkages (2000, 2014; bn EUR)	66
C.11. EU value added by Member State generated by non-EU final demand by sector (2000, 2014; % and bn EUR)	68
C.12. EU value added by Member State generated by non-EU final demand by industry (2014; % and bn EUR)	70
C.13. EU value added generated by non-EU final demand: inter-industry linkages (2000, 2014; bn EUR)	72
C.14. Non-EU value added by country generated by non-EU final demand by sector (2000, 2014; % and bn EUR)	74
C.15. Non-EU value added by country generated by non-EU final demand by industry (2014; % and bn EUR)	76
C.16. Non-EU value added generated by non-EU final demand: inter-industry linkages (2000, 2014; bn EUR)	78
<b>D. By production factor</b>	<b>81</b>
D.1. EU value added generated by the final demand of each Member State by production factor (2008, 2014; % and bn EUR)	82
D.2. EU value added by Member State generated by EU final demand by production factor (2008, 2014; % and bn EUR)	84
D.3. EU value added by Member State generated by EU final demand by production factor and sector (2014; % and bn EUR)	86
<b>E. By gender</b>	<b>89</b>
E.1. EU labour compensation generated by the final demand of each Member State by gender (2008, 2014; % and bn EUR)	90
E.2. EU labour compensation by Member State generated by EU final demand by gender (2008, 2014; % and bn EUR)	92
E.3. EU labour compensation by Member State generated by EU final demand by gender and sector (2014; % and bn EUR)	94
<b>F. By final destination</b>	<b>97</b>
F.1. EU value added by Member State generated by final demand by destination (2000, 2014; % and bn EUR)	98

<i>G. Country factsheets</i>	<b>101</b>
<i>Austria</i>	<b>102</b>
<i>Belgium</i>	<b>104</b>
<i>Bulgaria</i>	<b>106</b>
<i>Croatia</i>	<b>108</b>
<i>Cyprus</i>	<b>110</b>
<i>Czech Republic</i>	<b>112</b>
<i>Denmark</i>	<b>114</b>
<i>Estonia</i>	<b>116</b>
<i>Finland</i>	<b>118</b>
<i>France</i>	<b>120</b>
<i>Germany</i>	<b>122</b>
<i>Greece</i>	<b>124</b>
<i>Hungary</i>	<b>126</b>
<i>Ireland</i>	<b>128</b>
<i>Italy</i>	<b>130</b>
<i>Latvia</i>	<b>132</b>
<i>Lithuania</i>	<b>134</b>
<i>Luxembourg</i>	<b>136</b>
<i>Malta</i>	<b>138</b>
<i>Netherlands</i>	<b>140</b>
<i>Poland</i>	<b>142</b>
<i>Portugal</i>	<b>144</b>
<i>Romania</i>	<b>146</b>
<i>Slovakia</i>	<b>148</b>
<i>Slovenia</i>	<b>150</b>
<i>Spain</i>	<b>152</b>
<i>Sweden</i>	<b>154</b>
<i>United Kingdom</i>	<b>156</b>
<i>European Union</i>	<b>158</b>
 <i>Data sources and methodology</i>	 <b>161</b>



# INTRODUCTION

The European Commission identified trade policy as a core component of the European Union's 2020 Strategy. The fast changing global economy, characterised by the dynamic creation of business opportunities and increasingly complex production chains, means that it is now even more important to fully understand how global value chains affect value added. Gathering comprehensive, reliable and comparable information on this is crucial to support evidence-based policymaking.

Guided by that objective, the European Commission's Joint Research Centre (JRC) has produced this publication. It aims to be a valuable tool for trade policymakers.

The report features a series of indicators to illustrate in detail the EU value added dependence on the final demand of each EU Member State, and the value added in each Member State depending on the EU final demand as a whole. This is done using the World Input-Output Database (WIOD), 2016 release, as the main data source. This information has been complemented with data on labour compensation by skill and gender from other sources such as EUKLEMS. Besides, indicators have been also included to account for the inter-dependence between the EU and other world economies.

Most indicators cover the period 2000-2014 but, due to data constraints, the indicators on labour compensation by skill and gender are only available from 2008 onwards. The geographical breakdown of the data includes the 28 EU Member States, Australia, Brazil, Canada, China, India, Indonesia, Japan, Mexico, Norway, Russia, South Korea, Switzerland, Turkey, Taiwan, the United States of America, and an aggregate "Rest of the World" region.

The information presented in this pocketbook is complemented with a software tool for analyses of global value chains, trade, income and employment. This tool enables a more detailed analysis of the different indicators related to global value chains and includes additional data management and visualization options.



# ABBREVIATIONS AND GLOSSARY

## Country abbreviations

### European Union Member States

EU	The 28 Member States of the European Union
AT	Austria
BE	Belgium
BG	Bulgaria
CY	Cyprus
CZ	Czech Republic
DE	Germany
DK	Denmark
EE	Estonia
EL	Greece
ES	Spain
FI	Finland
FR	France
HR	Croatia
HU	Hungary
IE	Ireland
IT	Italy
LT	Lithuania
LU	Luxembourg
LV	Latvia
MT	Malta
NL	Netherlands
PL	Poland
PT	Portugal
RO	Romania
SE	Sweden
SI	Slovenia
SK	Slovakia
UK	United Kingdom

### Trading partners

Non-EU	Non EU countries
AU	Australia
BR	Brazil
CA	Canada
CH	Switzerland
CN	China
ID	Indonesia
IN	India
JP	Japan

KR	South Korea
MX	Mexico
NO	Norway
RU	Russia
TR	Turkey
TW	Taiwan
US	United States of America
RW	Rest of the World

### ***Sector abbreviations***

P	primary
M	manufacturing
S	services

### ***Industry abbreviations***

P	primary
M1	food, beverages, tobacco
M2	textiles
M3	wood, paper, printing
M4	energy
M5	chemicals
M6	other non-metallic and basic metals
M7	machinery and transport equipment
S1	transport, trade and business services
S2	other services

### ***Industry classification***

<b>NACE Rev. 2</b>	<b>Sector</b>	<b>Industry</b>
Crop and animal production	P	P
Forestry and logging	P	P
Fishing and aquaculture	P	P
Mining and quarrying	P	P
Manufacture of food, beverages and tobacco	M	M1
Manufacture of textiles, wearing apparel	M	M2
Manufacture of wood and of products	M	M3
Manufacture of paper and paper products	M	M3
Printing and reproduction of recorded media	M	M3
Manufacture of coke and refined petroleum	M	M4
Manufacture of chemicals	M	M5
Manufacture of basic pharmaceuticals	M	M5
Manufacture of rubber and plastic products	M	M6
Manufacture of other non-metallic mineral	M	M6
Manufacture of basic metals	M	M6



NACE Rev. 2	Sector	Industry
Manufacture of fabricated metals	M	M6
Manufacture of computer, electronic and optical	M	M7
Manufacture of electrical equipment	M	M7
Manufacture of machinery and equipment n.e.c.	M	M7
Manufacture of motor vehicles	M	M7
Manufacture of other transport equipment	M	M7
Manufacture of furniture; other manufacturing	M	M7
Repair and installation of machinery	M	M7
Electricity, gas, steam and air conditioning supply	M	M4
Water collection, treatment and supply	M	M4
Sewerage; waste collection, treatment and disposal	M	M4
Construction	S	S2
Wholesale and retail trade and repair of vehicles	S	S1
Wholesale trade, except motor vehicles	S	S1
Retail trade, except of motor vehicles	S	S1
Land transport and transport via pipelines	S	S1
Water transport	S	S1
Air transport	S	S1
Warehousing and support activities for transportation	S	S1
Postal and courier activities	S	S1
Accommodation and food service activities	S	S2
Publishing activities	S	S1
Motion picture, video and television programmes	S	S1
Telecommunications	S	S1
Computer programming; information services	S	S1
Financial service activities, except insurances	S	S1
Insurance, reinsurance and pension funding	S	S1
Activities auxiliary to financial services	S	S1
Real estate activities	S	S2
Legal and accounting; management consultancy	S	S1
Architectural and engineering activities	S	S1
Scientific research and development	S	S1
Advertising and market research	S	S1
Other professional, scientific and technical activities	S	S1
Administrative and support service activities	S	S1
Public administration and defence; social security	S	S2
Education	S	S2
Human health and social work activities	S	S2
Other service activities	S	S2
Activities of households as employers	S	S2
Activities of extraterritorial organizations	S	S2

## Unit of measurement

m	million ( $10^6$ )
bn	billion ( $10^9$ )
EUR	euro
tCO <sub>2</sub>	metric tonnes of carbon dioxide

## Glossary

**Domestic effect of final demand:** value added in a given country that is generated by its own final demand.

**Employment:** number of people engaged in production activities, including employees and self-employed

**Foreign effect of final demand:** value added generated in other countries by the final demand of a given country.

**High skilled labour compensation:** labour compensation of workers with tertiary education.

**Industry:** economic branch of activity gathering firms and/or production plants producing the same good or service as their main activity.

**Low skilled labour compensation:** labour compensation of workers with less than primary, primary and lower secondary education.

**Medium skilled labour compensation:** labour compensation of workers with upper secondary and post-secondary non-tertiary education.

**Sector:** group of industries.

**Value added:** income calculated as the sum of labour compensation and return on capital. It can refer to a given industry or to an economy as a whole and when computed at national level is sometimes used as a proxy of Gross Domestic Product (GDP).

## References

Arto, I., Dietzenbacher, E. and Rueda-Cantuche, J. M. *Measuring Bilateral Trade in Value Added Terms*, EUR 29751 EN, Publications Office of the European Union, Luxembourg, 2019, doi:10.2760/788104

Miller, R.E. and Blair, P.E., *Input-Output Analysis: Foundations and Extensions, 2nd Edition*, Cambridge University Press, New York, 2009.

Murray, J. and Lenzen, M., *The Sustainability Practitioner's Guide to Multi-Regional Input-Output Analysis*, Common Ground, Champaign, IL, 2013.

Timmer, M. P., Dietzenbacher, E., Los, B., Stehrer, R. and de Vries, G. J., "An Illustrated User Guide to the World Input–Output Database: the Case of Global Automotive Production", *Review of International Economics*, 23, 2015, pp. 575–605.

Timmer, M. P., Los, B., Stehrer, R. and de Vries, G. J., "An Anatomy of the Global Trade Slowdown based on the WIOD 2016 Release", *GGDC research memorandum*, number 162, University of Groningen, 2016.



# HOW TO READ THIS REPORT

This report is organised as follows:

- Introduction
- Abbreviations and glossary
- How to read this report
- A. Indicators by EU Member State
- B. Indicators by trading partner
- C. Indicators by industry or sector
- D. Indicators by production factor
- E. Indicators by gender
- F. Indicator by final destination
- G. Country factsheets
- Data sources and methodology

Sections A to F show all the indicators related to the (EU and Non-EU) value added generated by (EU and Non-EU) final demand. We suggest using Figures 1 and 2 for an overview of all the inter-linkages across tables.

As shown in Figure 1, all tables pivot around Tables A.4 (EU effects) and B.2 (Non-EU effects). They both show where the effects take place (rows) and which country is driving those effects (columns). As a result, each element of the Table A.4 reports the value added in a given Member State (row  $i$ ) generated by the final demand of a Member State (column  $j$ ). All other tables split these results by trading partner, industries, sectors, factor of production used, gender and final destination. Besides, tables C.5 and C.10 show the same results but focusing on the industry breakdown and removing the country dimension.

For instance, in order to know how much value added in Spain is generated by EU final demand, one should look at Table A.2. Contrarily, if one is interested in the value added generated by the Spanish final demand, then one should look at the Tables A.1 and A.5. The former informs about the value added generated in the EU due to the Spanish final demand, and the latter about the value added generated outside the EU due to the Spanish final demand. This information is summed in Table A.6, which gives the total value added embodied in the final demand of each Member State.

In addition, Figure 2 shows that Table A.7 depicts how much value added in Spain is generated by non-EU final demand.

Section G contains factsheets for each Member State, drawing on the information from sections A to F.

Finally, the last section describes the data sources and the methodology used for the calculations.

Figure 1

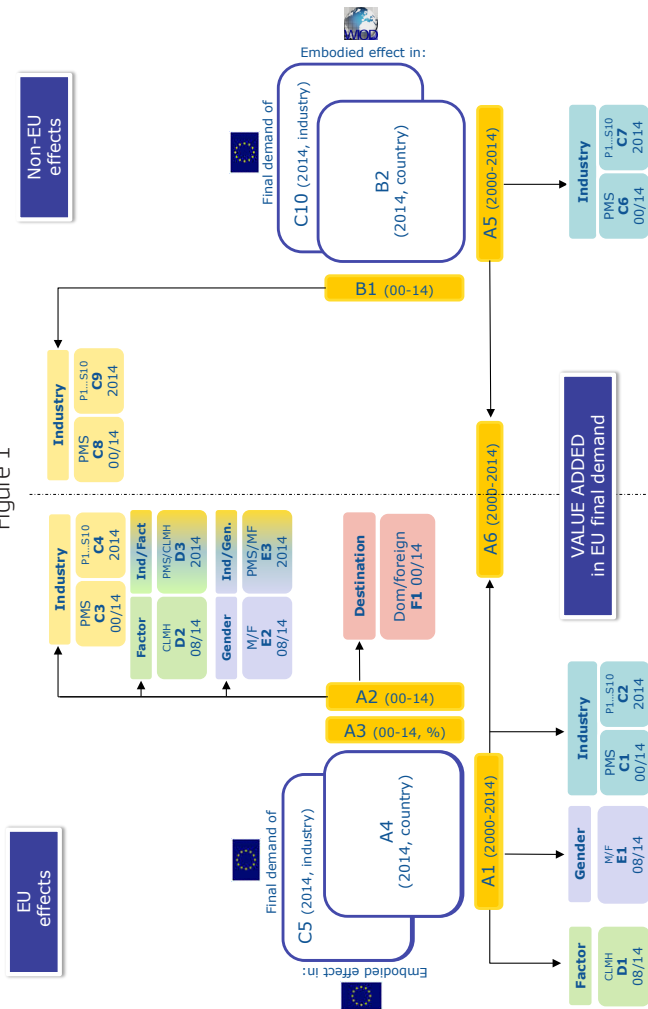
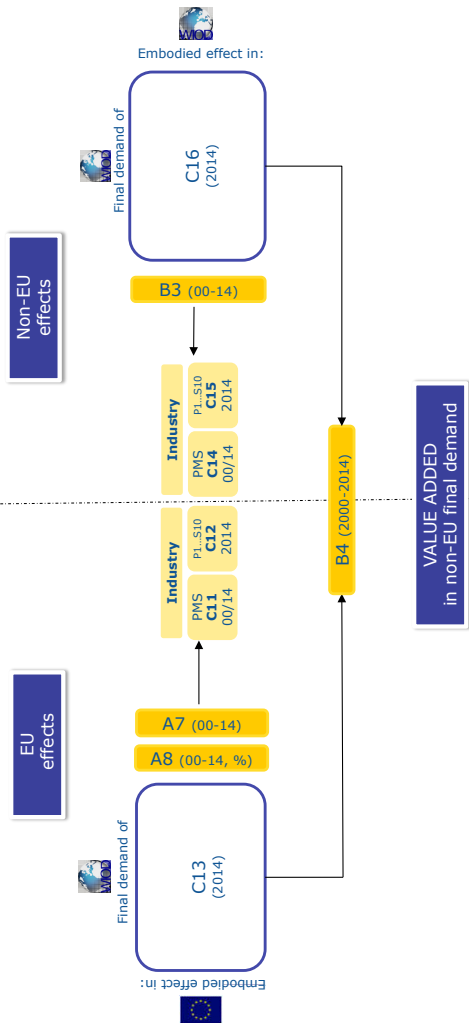


Figure 2







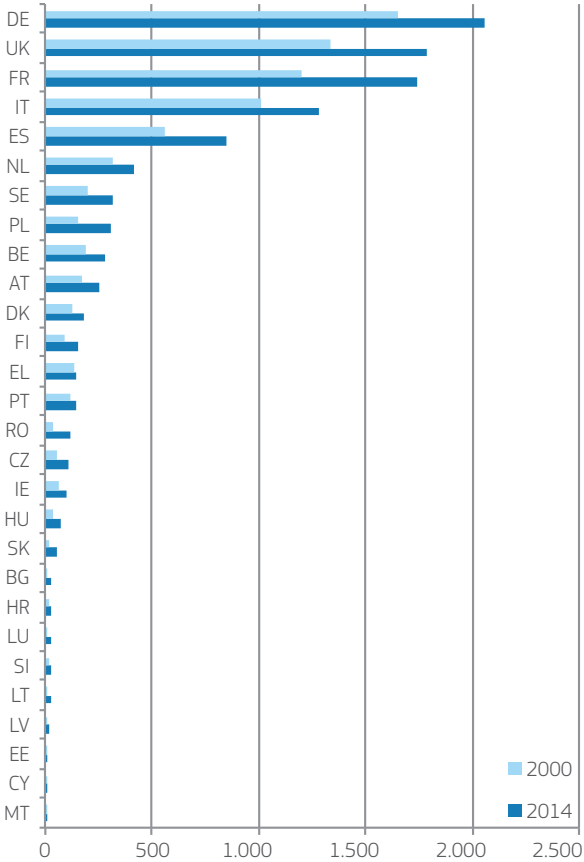
## A. By EU Member State

### A.1. EU value added generated by the final demand of each Member State (2000, 2007, 2014; bn EUR)

	2000	2007	2014	2014 - 2000	2014 / 2000
AT	171	218	253	82	47.8%
BE	191	250	283	92	48.2%
BG	14	28	33	19	138.1%
CY	10	15	14	4	42.4%
CZ	55	107	111	56	102.3%
DE	1,649	1,778	2,057	408	24.7%
DK	126	167	183	57	45.4%
EE	5	14	15	9	172.9%
EL	133	208	149	16	12.0%
ES	564	946	851	287	51.0%
FI	95	134	156	61	63.5%
FR	1,204	1,603	1,739	535	44.5%
HR	18	36	32	14	74.8%
HU	40	74	70	30	74.8%
IE	64	127	101	37	57.9%
IT	1,008	1,316	1,277	269	26.7%
LT	10	24	25	15	140.7%
LU	14	20	26	12	87.8%
LV	8	21	18	11	138.1%
MT	4	4	6	2	42.5%
NL	321	427	415	93	29.1%
PL	158	251	306	147	92.9%
PT	122	154	143	21	16.8%
RO	34	111	116	82	242.9%
SE	203	255	319	116	57.0%
SI	20	28	26	6	29.5%
SK	21	43	55	34	165.7%
UK	1,335	1,744	1,781	446	33.4%
<b>EU</b>	<b>7,599</b>	<b>10,100</b>	<b>10,560</b>	<b>2,961</b>	<b>39.0%</b>

In 2014, Germany's final demand generated around 2,057bn EUR of value added in the EU.

### A.1. EU value added generated by the final demand of each Member State (2000, 2014; bn EUR)



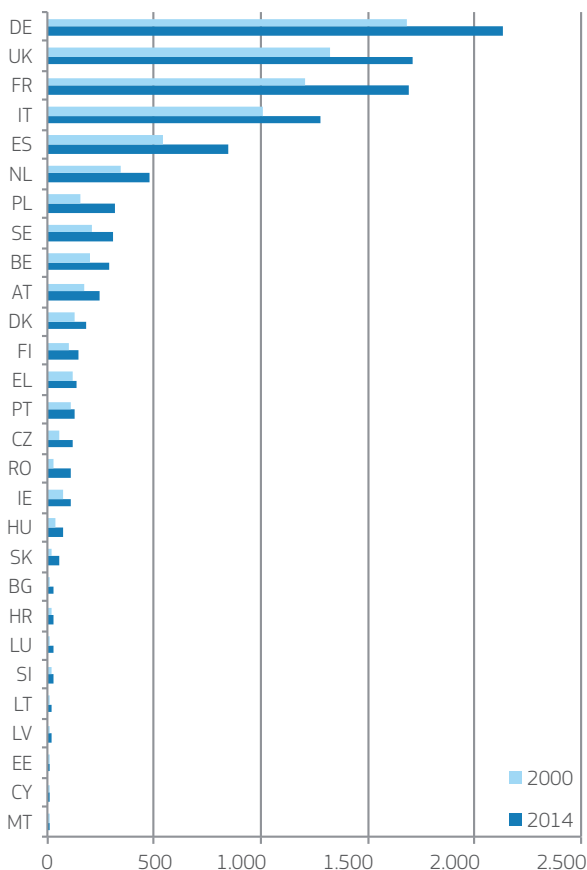
Between 2000 and 2014, EU value added generated by EU final demand increased 2,961bn EUR (39%), to reach a total of 10,560bn EUR. The growth in total value added generated by EU final demand was led by the final demand of the France (+535bn EUR), the UK (+446bn EUR), Germany (+408bn EUR), Spain (+287bn EUR) and Italy (+269bn EUR). In 2014, 19% of value added generated by EU final demand was driven by the final demand of Germany (2,057bn EUR), 17% was due to the final demand of the UK (1,781bn EUR), 16% by French final demand (1,739bn EUR) and 12% by Italian final demand (1,277bn EUR).

## A.2. EU value added by Member State generated by EU final demand (2000, 2007, 2014; bn EUR)

	2000	2007	2014	2014 - 2000	2014 / 2000
AT	170	218	247	77	45.0%
BE	198	263	289	91	45.8%
BG	12	24	30	18	150.2%
CY	9	14	13	4	49.5%
CZ	54	112	117	64	118.8%
DE	1,686	1,894	2,130	444	26.4%
DK	129	164	182	53	40.8%
EE	5	12	14	9	184.4%
EL	118	185	136	18	15.4%
ES	544	904	847	303	55.7%
FI	101	134	149	48	48.0%
FR	1,207	1,584	<b>1,696</b>	489	40.5%
HR	16	32	29	14	85.5%
HU	38	76	73	35	93.0%
IE	72	130	113	41	57.8%
IT	1,007	1,307	1,278	270	26.8%
LT	10	22	24	14	143.3%
LU	13	24	27	14	108.5%
LV	7	18	17	10	145.1%
MT	3	4	6	2	69.9%
NL	345	459	476	131	37.8%
PL	153	249	317	164	107.5%
PT	106	140	131	24	22.6%
RO	33	100	113	81	247.5%
SE	205	253	309	104	50.8%
SI	18	27	26	9	50.5%
SK	18	44	57	38	207.8%
UK	1,323	1,708	1,714	391	29.6%
<b>EU</b>	<b>7,599</b>	<b>10,100</b>	<b>10,560</b>	<b>2,961</b>	<b>39.0%</b>

In 2014, the final demand of the EU as a whole generated around 1.696bn EUR of value added in France.

## A.2. EU value added by Member State generated by EU final demand (2000, 2014; bn EUR)



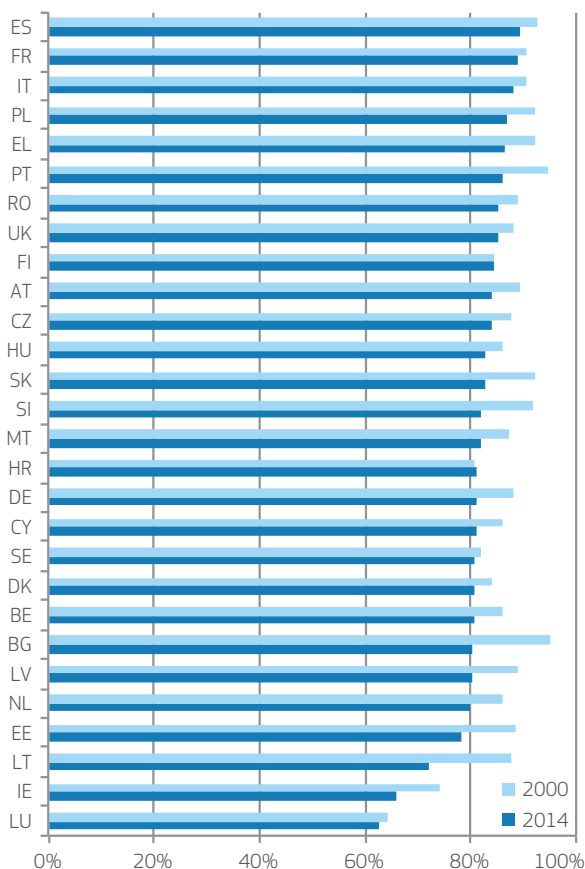
Between 2000 and 2014, EU value added generated by EU final demand increased 2,961bn EUR (39%), to reach a total of 10,560bn EUR. Most of the increase was in France (+489bn EUR), Germany (+444bn EUR), the UK (+391bn EUR), Spain (+303bn EUR) and Italy (+270bn EUR). In 2014, the final demand of the whole EU generated 2,130bn EUR of value added in Germany (20% of total EU value added generated by EU final demand), 1,714bn EUR in the UK (16%), 1,696bn EUR in France (16%) and 1,278bn EUR in Italy (12%).

### A.3. EU value added by Member State generated by EU final demand as a percentage of total value added (2000, 2007, 2014; %)

	2000	2007	2014
AT	89.5%	86.4%	84.2%
BE	85.9%	85.4%	80.6%
BG	95.1%	87.4%	80.4%
CY	86.1%	86.8%	81.0%
CZ	87.9%	89.0%	83.8%
DE	88.3%	83.8%	81.2%
DK	84.2%	82.9%	80.7%
EE	88.4%	85.2%	78.3%
EL	92.2%	89.9%	86.6%
ES	92.8%	92.9%	89.4%
FI	84.4%	81.7%	84.3%
FR	90.6%	90.7%	<b>88.8%</b>
HR	80.9%	86.5%	81.3%
HU	86.3%	87.2%	82.9%
IE	74.2%	74.6%	66.0%
IT	90.7%	90.3%	88.2%
LT	87.6%	83.5%	71.9%
LU	64.3%	71.6%	62.7%
LV	89.0%	87.2%	80.4%
MT	87.2%	84.2%	82.1%
NL	85.9%	83.8%	79.8%
PL	92.4%	91.0%	86.9%
PT	94.6%	91.7%	86.1%
RO	89.0%	90.5%	85.4%
SE	82.0%	80.5%	80.8%
SI	91.8%	86.1%	82.1%
SK	92.3%	87.3%	82.7%
UK	88.1%	87.9%	85.4%
<b>EU</b>	<b>88.8%</b>	<b>87.5%</b>	<b>84.6%</b>

In 2014, in France 88.8% of the total value added was generated by the final demand of the whole EU.

### A.3. EU value added by Member State generated by EU final demand as a percentage of total value added (2000, 2014; %)



Between 2000 and 2014, the share of value added across the EU generated by the final demand of the EU decreased from 88.8% in 2000 to 84.6% in 2014. In 2014, in all Member States except Estonia, Ireland, Lithuania, Luxembourg and the Netherlands EU final demand generated more than 80% of the value added.

## A.4. EU value added by Member State generated by the final demand of each Member State (2014; bn EUR)

Final demand of																															
AT	BE	BG	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU	IE	IT	LT	LU	LV	MT	NL	PL	PT	RO	SE	SI	SK	UK	Total			
AT	197.13	1.19	0.44	0.07	1.62	19.19	0.56	0.08	0.47	1.58	0.43	4.37	0.81	1.57	0.27	5.22	0.13	0.16	0.11	0.06	1.36	2.13	0.28	1.12	1.35	0.77	0.82	360	247		
BE	1.29	214.43	0.27	0.11	0.97	16.00	1.01	0.09	0.78	3.54	0.82	15.48	0.19	0.59	0.72	5.36	0.22	1.46	0.11	0.05	7.74	2.15	0.77	0.55	2.79	0.17	0.34	10.74	289		
BG	0.33	0.35	23.58	0.04	0.14	1.10	0.08	0.01	0.60	0.26	0.05	0.56	0.04	0.11	0.04	0.77	0.03	0.01	0.02	0.01	0.18	0.22	0.06	0.59	0.12	0.05	0.05	0.48	30		
CY	0.06	0.08	0.02	11.00	0.05	0.17	0.06	0.03	0.20	0.03	0.02	0.09	0.01	0.04	0.02	0.16	0.01	0.01	0.01	0.08	0.06	0.11	0.01	0.05	0.08	0.01	0.02	0.35	13		
CZ	2.14	1.37	0.31	0.05	80.16	11.62	0.66	0.07	0.19	1.37	0.37	3.18	0.20	0.99	0.23	2.36	0.17	0.10	0.08	0.02	1.20	2.91	0.22	0.66	0.90	0.19	2.59	3.12	117		
DE	26.50	14.93	2.17	0.55	11.64	1,775.35	8.79	0.88	4.72	24.17	6.54	61.88	1.78	6.34	3.89	37.57	1.42	2.87	0.82	0.23	24.62	23.75	4.88	6.53	15.08	1.89	4.40	55.76	2,150		
DK	0.46	0.82	0.10	0.03	0.35	7.90	14.995	0.11	0.36	1.25	1.44	2.50	0.08	0.59	0.28	1.50	0.16	0.07	0.14	0.02	1.23	1.22	0.23	0.31	5.60	0.06	0.14	5.15	182		
EE	0.05	0.08	0.01	0.01	0.02	0.38	0.12	10.41	0.02	0.09	0.64	0.16	0.00	0.02	0.02	0.10	0.19	0.01	0.30	0.00	0.10	0.10	0.02	0.01	0.65	0.01	0.01	0.26	14		
EL	0.13	0.20	0.37	0.34	0.08	1.12	0.09	0.01	129.46	0.31	0.07	0.54	0.03	0.05	0.05	0.91	0.02	0.02	0.01	0.01	0.20	0.19	0.06	0.28	0.15	0.03	0.04	1.02	136		
ES	1.45	2.97	0.86	0.20	0.98	15.82	0.97	0.10	137	758.81	0.72	21.10	0.20	0.55	0.90	10.46	0.30	0.21	0.13	0.07	3.13	2.67	9.29	0.87	1.69	0.26	0.35	10.96	847		
FI	0.39	0.64	0.05	0.02	0.17	3.89	0.56	0.46	0.13	0.71	130.77	1.56	0.04	0.12	0.22	1.03	0.17	0.04	0.18	0.01	1.02	0.74	0.11	0.13	3.62	0.03	0.08	2.07	149		
FR	2.81	12.41	0.68	0.26	2.05	39.60	2.35	0.21	2.12	20.52	1.44	1,527.92	0.36	1.61	1.87	21.27	0.42	1.97	0.24	0.15	8.49	5.21	3.41	2.16	4.11	0.46	0.93	31.31	1,696		
HR	0.44	0.23	0.06	0.01	0.10	0.88	0.07	0.00	0.09	0.16	0.03	0.32	24.44	0.19	0.03	0.94	0.01	0.02	0.01	0.01	0.12	0.15	0.03	0.08	0.13	0.43	0.10	0.39	29		
HU	1.58	0.58	0.33	0.02	0.77	6.53	0.34	0.04	0.18	0.82	0.22	1.85	0.34	49.74	0.15	2.00	0.09	0.07	0.06	0.01	0.72	1.21	0.13	1.61	0.57	0.24	0.74	1.87	73		
IE	0.56	1.97	0.09	0.03	0.29	5.37	0.67	0.03	0.41	1.96	0.37	4.24	0.05	0.19	7.550	2.94	0.05	0.31	0.06	0.03	2.42	0.77	0.42	0.22	1.28	0.05	0.09	12.69	113		

In 2014, German final demand generated 11.6bn EUR of value added in the Czech Republic.

(continues next page)



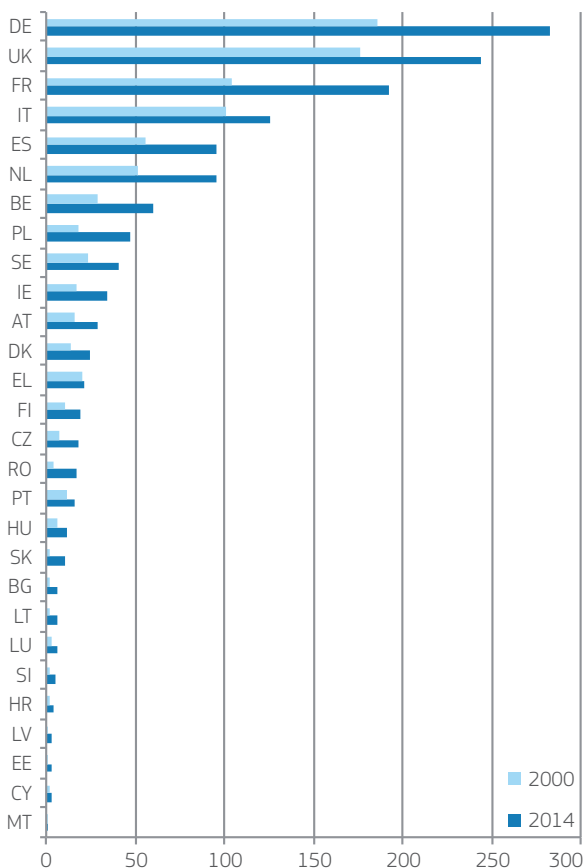


### A.5. Non-EU value added generated by the final demand of each Member State (2000, 2007, 2014; bn EUR)

	2000	2007	2014	2014 - 2000	2014 / 2000
AT	15	21	29	13	87.1%
BE	29	40	60	30	104.2%
BG	2	7	7	4	177.5%
CY	2	3	3	1	31.3%
CZ	7	14	18	11	144.4%
DE	186	236	283	97	52.1%
DK	14	21	25	11	79.8%
EE	1	2	3	2	120.7%
EL	20	29	22	2	9.5%
ES	56	98	95	39	70.4%
FI	10	17	20	10	95.4%
FR	104	148	192	88	85.2%
HR	2	5	5	2	106.7%
HU	7	13	12	5	80.0%
IE	17	29	34	17	95.8%
IT	101	138	126	25	24.9%
LT	2	5	7	4	189.9%
LU	3	4	7	4	151.4%
LV	1	3	3	2	168.5%
MT	1	1	1	0	6.2%
NL	51	73	95	44	84.9%
PL	18	32	47	29	159.7%
PT	12	15	16	4	36.3%
RO	4	14	17	13	286.3%
SE	23	28	40	17	72.2%
SI	2	4	5	3	150.4%
SK	2	8	10	8	309.1%
UK	176	215	243	67	38.1%
<b>EU</b>	<b>872</b>	<b>1,223</b>	<b>1,424</b>	<b>552</b>	<b>63.4%</b>

*In 2014, Belgium's final demand generated around 60bn EUR of value added outside the EU.*

### A.5. Non-EU value added generated by the final demand of each Member State (2000, 2014; bn EUR)



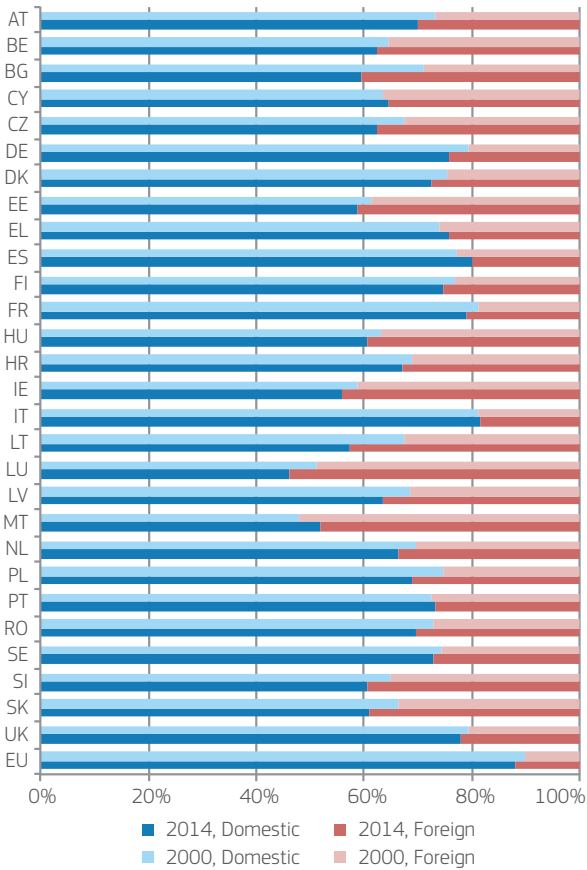
Between 2000 and 2014, the value added outside the EU generated by EU final demand increased from 872bn EUR to 1,424bn EUR. This increase was mainly driven by Germany (+97bn EUR), France (+88bn EUR), the UK (+67bn EUR) and the Netherlands (+44bn EUR). In 2014, 20% of value added outside the EU generated by EU final demand was due to German final demand (283bn EUR), 17% by the final demand of the UK (243bn EUR), 13% by the final demand of France (192bn EUR) and 9% by the final demand of Italy (126bn EUR).

## A.6. Total value added effect of the final demand of each Member State (2000, 2014; % and bn EUR)

	2000			2014		
	Domestic	Foreign	Total	Domestic	Foreign	Total
AT	73%	27%	187	70%	30%	282
BE	64%	36%	221	62%	38%	343
BG	71%	29%	16	59%	41%	40
CY	63%	37%	12	64%	36%	17
CZ	67%	33%	62	62%	38%	129
DE	79%	21%	1,835	76%	24%	2,340
DK	75%	25%	139	72%	28%	207
EE	61%	39%	7	59%	41%	18
EL	74%	26%	153	76%	24%	171
ES	77%	23%	620	80%	20%	947
FI	77%	23%	105	74%	26%	176
FR	81%	19%	1,308	79%	21%	1,931
HR	69%	31%	20	67%	33%	36
HU	63%	37%	47	61%	39%	82
IE	59%	41%	81	56%	44%	135
IT	81%	19%	1,109	<b>81%</b>	<b>19%</b>	<b>1,403</b>
LT	67%	33%	13	57%	43%	32
LU	51%	49%	17	46%	54%	33
LV	69%	31%	9	63%	37%	21
MT	48%	52%	5	52%	48%	7
NL	69%	31%	373	66%	34%	510
PL	74%	26%	177	69%	31%	353
PT	72%	28%	134	73%	27%	159
RO	73%	27%	38	70%	30%	133
SE	74%	26%	227	73%	27%	359
SI	65%	35%	22	60%	40%	31
SK	66%	34%	23	61%	39%	65
UK	79%	21%	1,511	78%	22%	2,024
<b>EU</b>	<b>90%</b>	<b>10%</b>	<b>8,471</b>	<b>88%</b>	<b>12%</b>	<b>11,984</b>

In 2014, the final demand of Italy generated around 1,403bn EUR of value added, of which 81% was generated in Italy and 19% in other countries.

## A.6. Total value added effect of the final demand of each Member State (2000, 2014; %)



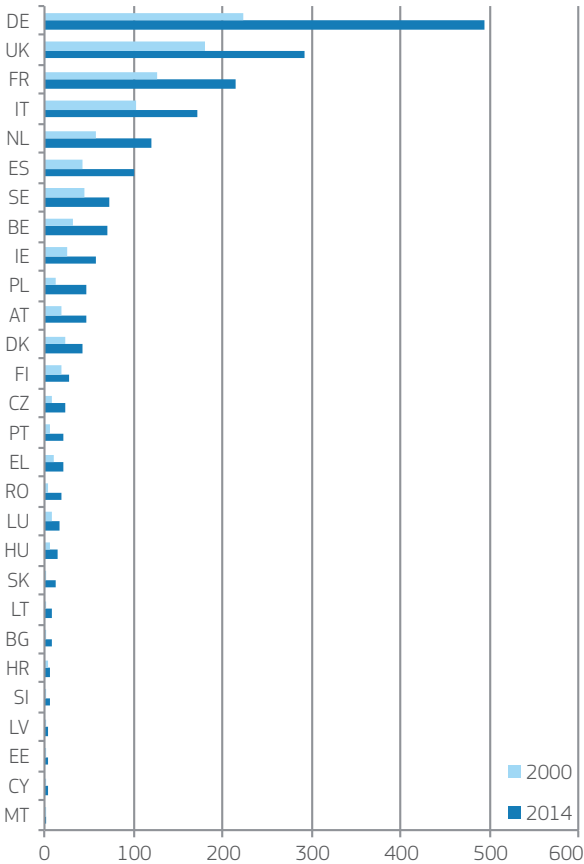
Between 2000 and 2014, total value added generated by EU final demand increased from 8,471bn EUR to 11,984bn EUR. In 2014, 88% of the total value added generated by EU final demand was located in the EU (90% in 2000), while 12% was generated in non-EU countries. In most EU Member States, most of the value added generated by its final demand is located within the own country. However, the final demand of Luxembourg, generates more value added in other countries than in the own country.

## A.7. EU value added by Member State generated by non-EU final demand (2000, 2007, 2014; bn EUR)

	2000	2007	2014	2014 - 2000	2014 / 2000
AT	20	34	46	27	133.3%
BE	33	45	70	37	114.3%
BG	1	4	7	7	1083.0%
CY	1	2	3	2	117.0%
CZ	7	14	23	15	205.4%
DE	224	367	493	269	120.4%
DK	24	34	44	19	79.9%
EE	1	2	4	3	498.6%
EL	10	21	21	11	110.4%
ES	42	69	101	59	140.5%
FI	19	30	28	9	49.4%
FR	126	162	214	88	70.1%
HR	4	5	7	3	80.9%
HU	6	11	15	9	149.0%
IE	25	44	58	33	134.6%
IT	103	140	171	68	65.9%
LT	1	4	9	8	572.0%
LU	7	9	16	9	123.2%
LV	1	3	4	3	383.0%
MT	1	1	1	1	152.9%
NL	57	89	121	64	113.1%
PL	13	25	48	35	279.9%
PT	6	13	21	15	245.1%
RO	4	11	19	15	380.9%
SE	45	61	73	28	63.6%
SI	2	4	6	4	268.4%
SK	2	6	12	10	669.5%
UK	179	236	293	113	63.2%
<b>EU</b>	<b>961</b>	<b>1,445</b>	<b>1,928</b>	<b>967</b>	<b>100.6%</b>

In 2014, the final demand of non-EU countries generated around 214bn EUR of value added in France.

### A.7. EU value added by Member State generated by non-EU final demand (2000, 2014; bn EUR)



Between 2000 and 2014, EU value added generated by non-EU final demand increased by 967bn EUR (100.6%), to reach a total of 1,928bn EURs. Most of the increase was in Germany (+269bn EUR), the UK (+113bn EUR), France (+88bn EUR), Italy (+68bn EUR) and the Netherlands (+64bn EUR). In 2014, the final demand of non-EU countries generated 493bn EUR of value added in Germany (26% of total EU value added generated by non-EU final demand), 293bn EUR in the UK (15%), 214bn EUR in France (11%) and 171bn EUR in Italy (9%).

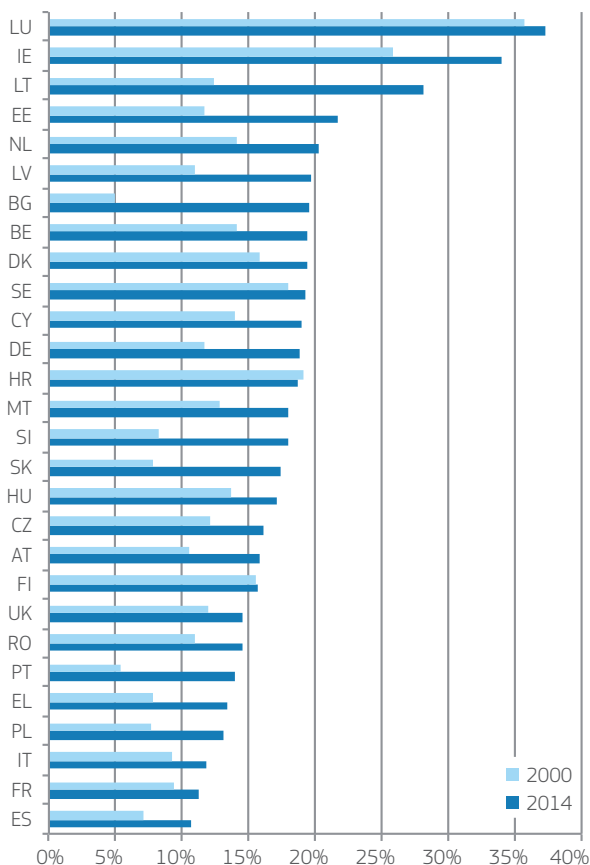
### A.8. EU value added by Member State generated by non-EU final demand as a percentage of total value added (2000, 2007, 2014; %)

	2000	2007	2014
AT	10.5%	13.6%	15.8%
BE	14.1%	14.6%	<b>19.4%</b>
BG	4.9%	12.6%	19.6%
CY	13.9%	13.2%	19.0%
CZ	12.1%	11.0%	16.2%
DE	11.7%	16.2%	18.8%
DK	15.8%	17.1%	19.3%
EE	11.6%	14.8%	21.7%
EL	7.8%	10.1%	13.4%
ES	7.2%	7.1%	10.6%
FI	15.6%	18.3%	15.7%
FR	9.4%	9.3%	11.2%
HR	19.1%	13.5%	18.7%
HU	13.7%	12.8%	17.1%
IE	25.8%	25.4%	34.0%
IT	9.3%	9.7%	11.8%
LT	12.4%	16.5%	28.1%
LU	35.7%	28.4%	37.3%
LV	11.0%	12.8%	19.6%
MT	12.8%	15.8%	17.9%
NL	14.1%	16.2%	20.2%
PL	7.6%	9.0%	13.1%
PT	5.4%	8.3%	13.9%
RO	11.0%	9.5%	14.6%
SE	18.0%	19.5%	19.2%
SI	8.2%	13.9%	17.9%
SK	7.7%	12.7%	17.3%
UK	11.9%	12.1%	14.6%
<b>EU</b>	<b>11.2%</b>	<b>12.5%</b>	<b>15.4%</b>

In 2014, the final demand of non-EU countries generated 19.4% of the total value added of Belgium.



### A.8. EU value added by Member State generated by non-EU final demand as a percentage of total value added (2000, 2014; %)



Between 2000 and 2014, the share of value added across the EU generated by the final demand of non-EU countries increased from 11.2% in 2000 to 15.4% in 2014. In 2014, non-EU final demand generated more than 20% of the domestic value added of Estonia, Ireland, Lithuania, Luxembourg and the Netherlands.



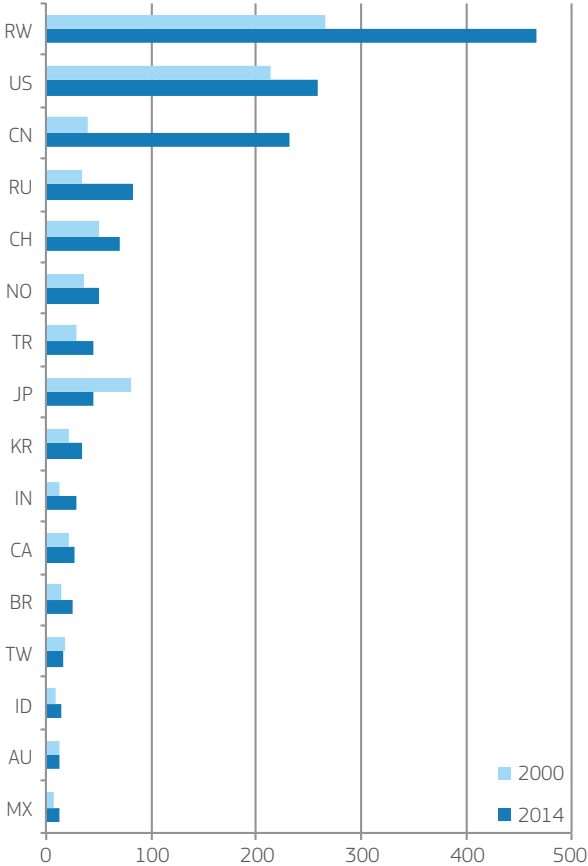
**B. By trading partner**

### B.1. Non-EU value added by country generated by EU final demand (2000, 2007, 2014; bn EUR)

	2000	2007	2014	2014 - 2000	2014 / 2000
AU	12	15	13	1	9.3%
BR	15	25	26	11	71.1%
CA	22	31	27	5	23.9%
CH	50	63	71	20	39.9%
CN	40	136	231	190	471.7%
ID	10	12	15	5	46.1%
IN	13	25	30	17	129.6%
JP	81	66	45	-36	-44.4%
KR	22	32	34	12	52.8%
MX	7	10	12	5	74.8%
NO	36	60	50	14	40.5%
RU	35	96	83	48	136.4%
TR	29	42	45	16	55.4%
TW	19	17	17	-2	-10.4%
US	213	213	258	45	21.1%
RW	266	378	467	201	75.5%
<b>Non-EU</b>	<b>872</b>	<b>1,223</b>	<b>1,424</b>	<b>552</b>	<b>63.4%</b>

In 2014, EU final demand generated around 213bn EUR of value added in China.

### B.1. Non-EU value added by country generated by EU final demand (2000, 2014; bn EUR)



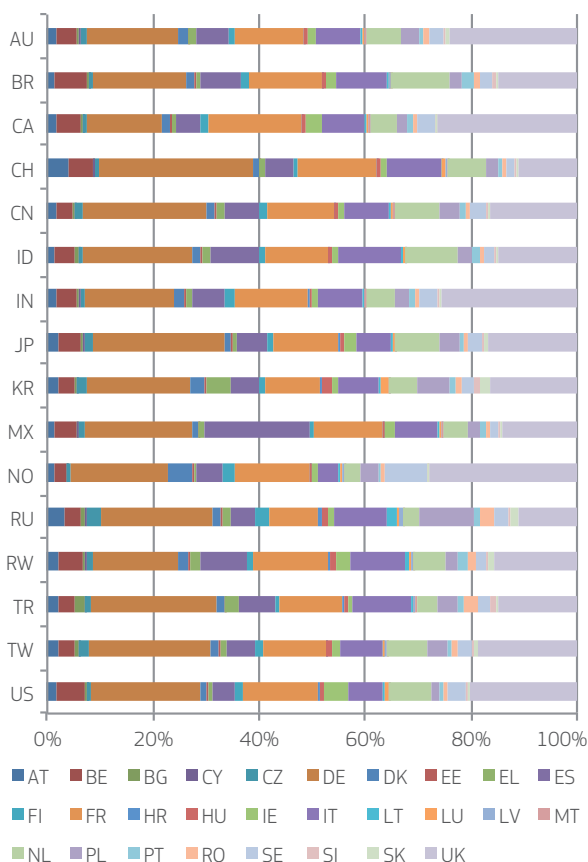
Between 2000 and 2014, the value added in the rest of the world generated by the EU final demand increased by 552bn EUR to a total of 1,424bn EUR (+63%). In 2014, EU final demand generated a total of 258bn EUR of value added in the US (18% of total non-EU value added generated by EU final demand), 231bn EUR in China (16%), 83bn EUR in Russia (6%) and 71bn EUR in Switzerland (5%).

B.2. Non-EU value added by country generated by the final demand of each Member State (2014; bn EUR)

Final demand of																															
AT	BE	BG	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU	IE	IT	LT	LU	LV	MT	NL	PL	PT	RO	SE	SI	SK	UK	Total			
AU	0.23	0.48	0.10	0.02	0.16	2.29	0.24	0.02	0.17	0.85	0.15	1.68	0.04	0.08	0.19	1.14	0.04	0.04	0.02	0.01	0.86	0.47	0.12	0.15	0.34	0.05	0.09	3.21	13		
BR	0.37	1.52	0.11	0.04	0.20	4.53	0.40	0.04	0.25	1.98	0.30	3.57	0.07	0.13	0.49	2.48	0.07	0.06	0.03	0.02	2.88	0.57	0.64	0.29	0.54	0.19	0.10	3.84	26		
CA	0.50	1.21	0.10	0.04	0.21	3.90	0.42	0.04	0.28	1.25	0.39	4.81	0.06	0.16	0.80	2.26	0.07	0.14	0.04	0.07	1.38	0.53	0.23	0.26	0.88	0.06	0.13	7.18	27		
CH	2.84	3.15	0.18	0.08	0.72	20.35	0.88	0.08	0.74	3.74	0.70	10.39	0.16	0.47	0.91	7.14	0.11	0.60	0.11	0.05	5.06	1.62	0.62	0.52	1.19	0.21	0.35	7.69	71		
CN	3.67	7.14	0.87	0.43	3.61	53.73	3.84	0.51	3.31	15.05	3.81	28.80	0.63	1.76	2.41	19.34	0.71	0.69	0.49	0.26	20.24	8.86	1.97	2.14	6.78	0.88	1.28	37.61	231		
ID	0.22	0.56	0.07	0.02	0.14	3.00	0.22	0.04	0.22	1.36	0.16	1.71	0.04	0.10	0.16	1.74	0.05	0.03	0.03	0.01	1.41	0.44	0.19	0.14	0.26	0.06	0.07	2.14	15		
IN	0.49	1.15	0.10	0.08	0.24	5.05	0.58	0.04	0.35	1.85	0.56	4.06	0.09	0.14	0.32	2.49	0.08	0.06	0.04	0.02	1.65	0.79	0.34	0.23	1.03	0.09	0.14	7.52	30		
JP	0.95	1.93	0.14	0.12	0.69	11.34	0.52	0.10	0.44	2.60	0.49	5.57	0.09	0.40	1.03	3.00	0.09	0.20	0.05	0.04	3.79	1.67	0.36	0.35	1.28	0.12	0.28	7.63	45		
KR	0.77	0.98	0.13	0.04	0.67	6.60	0.97	0.07	1.55	1.80	0.42	3.61	0.11	0.57	0.49	2.54	0.09	0.52	0.06	0.05	1.79	2.13	0.31	0.41	0.85	0.27	0.73	5.56	34		
MX	0.17	0.50	0.03	0.01	0.15	2.49	0.13	0.01	0.11	2.46	0.10	1.56	0.02	0.06	0.20	1.02	0.04	0.03	0.02	0.01	0.59	0.25	0.18	0.09	0.18	0.03	0.04	1.74	12		
NO	0.60	1.19	0.08	0.05	0.30	9.27	0.24	0.14	0.30	2.42	1.18	7.00	0.07	0.18	0.53	1.87	0.33	0.16	0.13	0.02	1.58	1.62	0.34	0.25	4.06	0.06	0.11	14.03	50		
RU	2.81	2.44	0.51	0.37	2.30	17.57	1.13	0.42	1.14	3.80	2.16	7.80	0.44	0.94	0.91	8.33	1.55	0.30	0.67	0.05	2.48	8.80	0.65	2.22	2.51	0.28	1.16	9.16	83		
TR	0.97	1.31	0.93	0.03	0.54	10.67	0.67	0.11	1.11	3.26	0.34	5.35	0.19	0.33	0.40	4.94	0.19	0.07	0.13	0.10	1.80	1.81	0.39	1.35	1.07	0.36	0.31	6.69	45		
TW	0.36	0.53	0.08	0.02	0.30	3.85	0.26	0.04	0.20	0.94	0.24	1.95	0.04	0.14	0.24	1.36	0.04	0.05	0.03	0.02	1.28	0.66	0.13	0.16	0.46	0.05	0.12	3.13	17		
US	4.14	14.39	0.62	0.26	2.25	52.54	3.93	0.27	2.32	10.40	4.00	37.04	0.47	1.90	12.77	16.78	0.50	1.60	0.30	0.21	20.26	4.78	1.83	1.51	9.45	0.45	0.87	52.60	258		
RW	9.75	21.29	2.76	1.15	5.36	75.73	8.30	0.92	9.19	41.59	4.67	66.98	2.09	4.75	12.28	49.31	2.76	2.09	1.04	0.46	28.07	12.19	7.96	6.97	9.57	1.99	4.30	73.67	467		
Non-EU	29	60	7	3	18	283	25	3	22	95	20	192	5	12	34	126	7	7	3	1	95	47	16	17	40	5	10	243	1,424		

In 2014, German final demand generated around 54bn EUR of value added in China.

## B.2. Non-EU value added by country generated by the final demand of each Member State (2014; %)



In 2014, EU final demand generated 1,424bn EUR of value added outside Europe. Most of the value added was in the US (258m) of which 52.6bn EUR were driven by the UK's final demand, 52.5bn EUR by the German final demand, 37bn EUR by the French final demand and 20.2bn EUR by the Dutch final demand. Germany was the Member State that contributed the most to generating value added outside the EU (283bn EUR), especially in the China (52.5bn EUR), China (53.7bn EUR), Switzerland (20.4bn EUR) and Russia (17.6bn EUR).

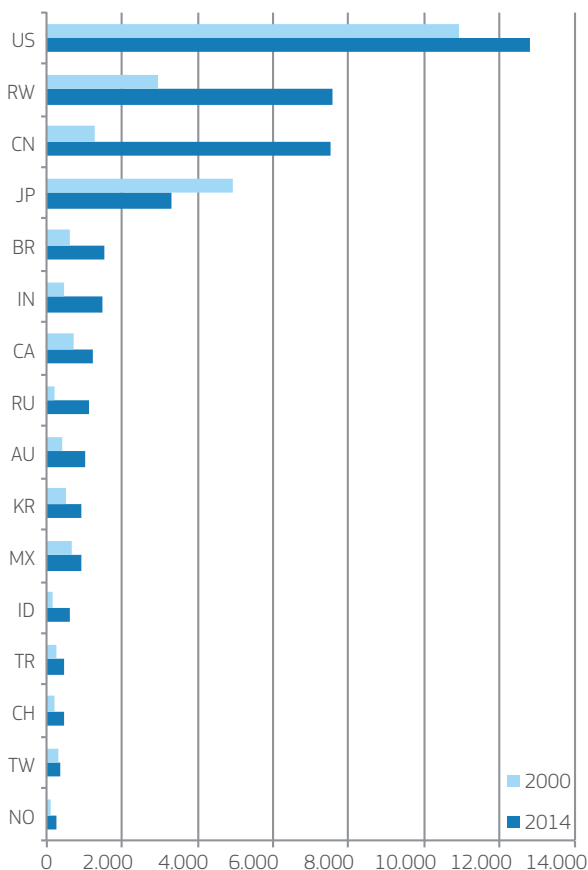
### B.3. Non-EU value added by country generated by non-EU final demand (2000, 2007, 2014; bn EUR)

	2000	2007	2014	2014 - 2000	2014 / 2000
AU	394	650	1,008	614	155.9%
BR	606	854	<b>1,534</b>	928	153.0%
CA	734	970	1,234	500	68.1%
CH	231	272	442	211	91.6%
CN	1,257	2,415	7,510	6,253	497.4%
ID	182	320	639	457	250.5%
IN	482	803	1,472	990	205.3%
JP	4,940	3,079	3,295	-1,645	-33.3%
KR	524	707	935	411	78.4%
MX	658	722	912	254	38.6%
NO	128	200	288	160	124.5%
RU	217	717	1,139	923	425.6%
TR	256	382	490	234	91.4%
TW	330	269	368	38	11.5%
US	10,922	10,350	12,800	1,878	17.2%
RW	2,969	4,233	7,578	4,609	155.2%
<b>Non-EU</b>	<b>24,830</b>	<b>26,944</b>	<b>41,644</b>	<b>16,814</b>	<b>67.7%</b>

In 2014, non-EU final demand generated around 1,534bn EUR of value added in Brazil.



### B.3. Non-EU value added by country generated by non-EU final demand (2000, 2014; bn EUR)



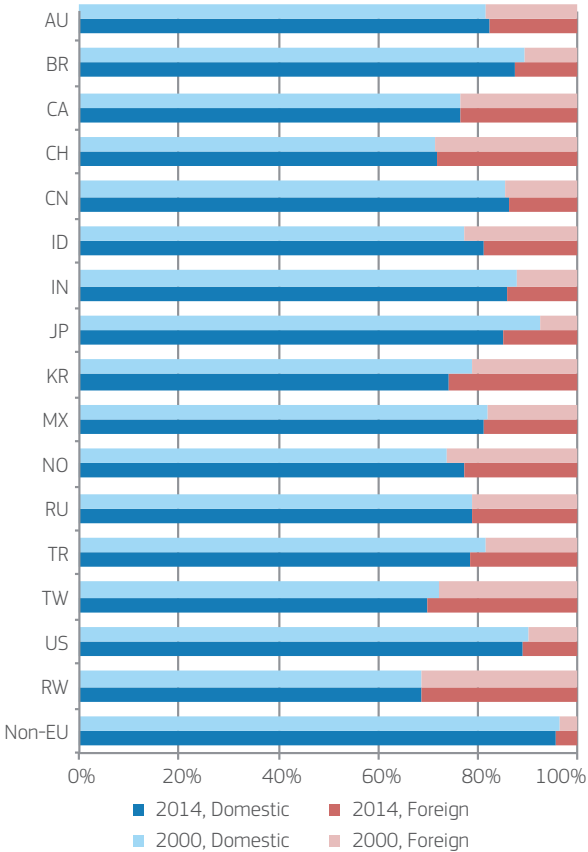
Between 2000 and 2014, the value added in non-EU countries generated by non-EU final demand increased by 16,814bn EUR to a total of 41,644bn EUR (+67.7%). In 2014, non-EU final demand generated a total of 12,800bn EUR in the US (31% of total non-EU value added generated by non-EU final demand), 7,510bn EUR in China (18%) and 3,295bn EUR in Japan (7.9%).

#### B.4. Total value added effect of the final demand of each non-EU country (2000, 2014; % and bn EUR)

	2000			2014		
	Domestic	Foreign	Total	Domestic	Foreign	Total
AU	81%	19%	400	82%	18%	1,023
BR	89%	11%	634	87%	13%	1,610
CA	77%	23%	696	76%	24%	1,246
CH	71%	29%	263	72%	28%	449
CN	85%	15%	1,251	<b>86%</b>	<b>14%</b>	<b>7,299</b>
ID	77%	23%	170	81%	19%	647
IN	88%	12%	502	86%	14%	1,516
JP	92%	8%	4,909	85%	15%	3,395
KR	79%	21%	521	74%	26%	886
MX	82%	18%	668	81%	19%	919
NO	74%	26%	131	77%	23%	295
RU	79%	21%	203	79%	21%	1,148
TR	82%	18%	277	78%	22%	525
TW	72%	28%	334	70%	30%	335
US	90%	10%	11,488	89%	11%	13,380
RW	69%	31%	3,344	69%	31%	8,900
<b>Non-EU</b>	<b>96%</b>	<b>4%</b>	<b>25,792</b>	<b>96%</b>	<b>4%</b>	<b>43,572</b>

In 2014, the final demand of China generated around 7,299bn EUR of value added, of which 86% was generated in China and 14% in other countries.

#### B.4. Total value added effect of the final demand of each non-EU country (2000, 2014; %)



Between 2000 and 2014, total value added generated by non-EU final demand increased from 25,792bn EUR to 43,572bn EUR. In 2014, 96% of the total value added generated by non-EU final demand was located in non-EU countries, while 4% was generated in EU Member States. In all non-EU countries, most of the value added generated by its final demand is located within the own country. In Brazil, China, India, Japan and the US at least 85% of the value added generated by their final demand is domestic.



**C. By industry or sector**

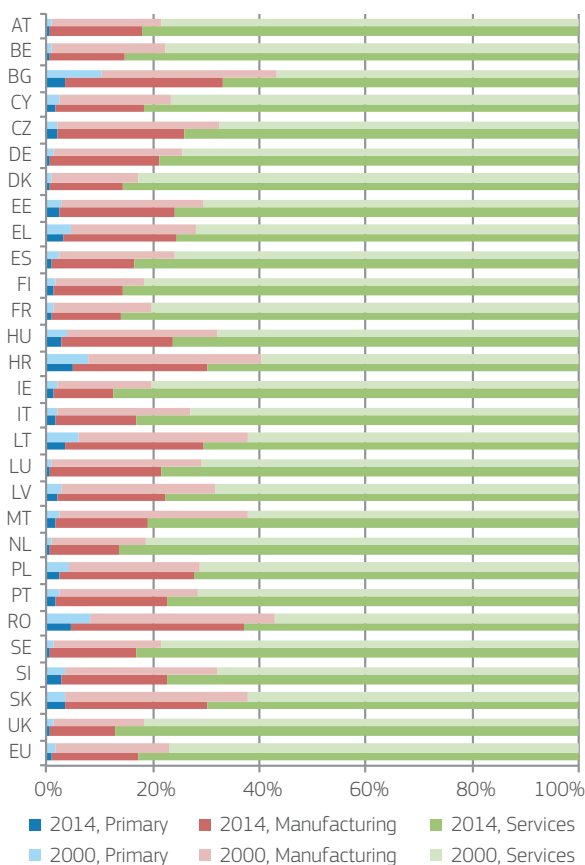
### C.1. EU value added generated by the final demand of each Member State by sector of final demand (2000, 2014; % and bn EUR)

	2000				2014			
	P	M	S	Total	P	M	S	Total
AT	1%	20%	78%	171	1%	17%	82%	253
BE	1%	21%	78%	191	1%	14%	85%	283
BG	10%	33%	57%	14	4%	29%	67%	33
CY	2%	21%	77%	10	2%	17%	82%	14
CZ	2%	30%	67%	55	2%	24%	74%	111
DE	1%	24%	74%	1,649	1%	21%	79%	2,057
DK	1%	16%	83%	126	1%	14%	86%	183
EE	3%	27%	71%	5	2%	22%	76%	15
EL	4%	23%	72%	133	3%	21%	75%	149
ES	2%	22%	76%	564	1%	15%	84%	851
FI	2%	17%	82%	95	1%	13%	86%	156
FR	1%	18%	80%	1,204	1%	13%	86%	1,739
HR	8%	33%	60%	18	5%	25%	70%	32
HU	4%	28%	68%	40	3%	21%	76%	70
IE	2%	17%	80%	64	1%	11%	88%	101
IT	2%	25%	73%	1,008	2%	15%	83%	1,277
LT	6%	32%	62%	10	4%	26%	70%	25
LU	1%	28%	71%	14	1%	21%	79%	26
LV	3%	29%	68%	8	2%	20%	78%	18
MT	2%	35%	62%	4	2%	17%	81%	6
NL	1%	18%	81%	321	1%	13%	86%	415
PL	4%	25%	71%	158	3%	25%	72%	306
PT	2%	26%	72%	122	2%	21%	77%	143
RO	8%	34%	57%	34	5%	32%	63%	116
SE	1%	20%	78%	203	1%	16%	83%	319
SI	4%	29%	68%	20	3%	20%	77%	26
SK	4%	34%	62%	21	3%	27%	70%	55
UK	1%	17%	82%	1,335	1%	12%	87%	1,781
<b>EU</b>	<b>2%</b>	<b>21%</b>	<b>77%</b>	<b>7,599</b>	<b>1%</b>	<b>16%</b>	<b>83%</b>	<b>10,560</b>

P: primary; M: manufacturing; S: services

In 2014, German final demand generated around 2,057bn EUR of value added across the EU, of which 79% was driven by the final demand of services.

### C.1. EU value added generated by the final demand of each Member State by sector of final demand (2000, 2014; %)



In 2014, the EU final demand of services was responsible for 83% of EU value added generated by EU final demand (up from 77% in 2000). The manufacturing and primary sectors accounted for 16% and 1% respectively (compared to 21% and 2% in 2000). In 2014, in 13 Member States the final demand of services was responsible for more than 80% of the EU value added generated by their final demand.

## C.2. EU value added generated by the final demand of each Member State by industry of final demand (2014; % and bn EUR)

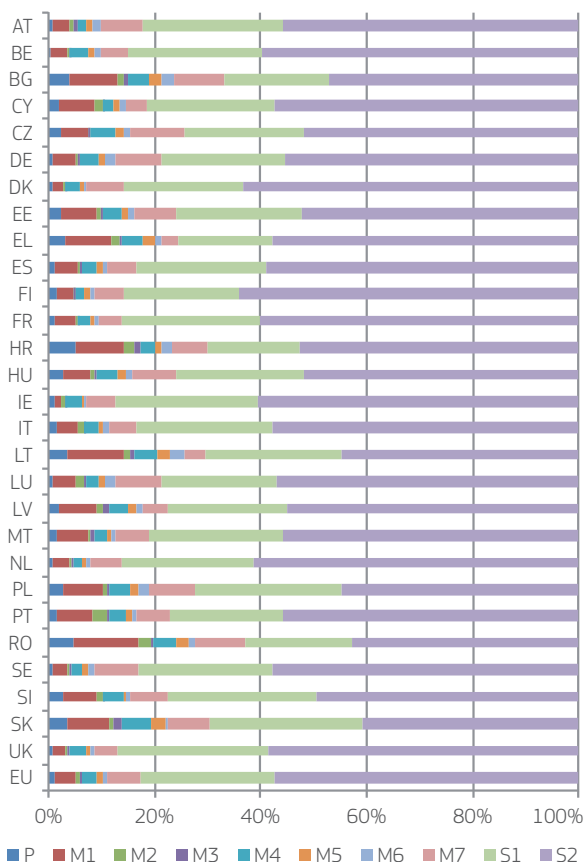
	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
AT	0.8%	3.1%	0.9%	0.6%	1.7%	1.1%	1.5%	8.2%	26.4%	55.7%	253
BE	0.6%	3.0%	0.4%	0.2%	3.2%	1.3%	1.2%	5.0%	25.3%	59.9%	283
BG	3.7%	9.1%	1.4%	0.6%	4.0%	2.4%	2.1%	<b>9.6%</b>	19.9%	47.0%	<b>33</b>
CY	1.8%	6.9%	1.4%	0.3%	1.7%	1.2%	1.1%	4.0%	24.1%	57.5%	14
CZ	2.2%	5.3%	0.2%	0.3%	4.8%	1.3%	1.4%	10.4%	22.4%	51.8%	111
DE	0.7%	4.3%	0.3%	0.5%	3.7%	1.0%	1.9%	8.8%	23.4%	55.3%	2,057
DK	0.7%	2.2%	0.2%	0.3%	2.4%	1.0%	0.4%	7.1%	22.6%	63.2%	183
EE	2.4%	6.8%	0.8%	0.3%	3.5%	1.1%	1.1%	7.9%	23.8%	52.2%	15
EL	3.2%	8.8%	1.4%	0.4%	4.1%	2.4%	0.9%	3.4%	17.5%	58.0%	149
ES	1.1%	4.4%	0.6%	0.3%	2.8%	1.3%	0.8%	5.2%	24.6%	58.9%	851
FI	1.4%	3.2%	0.4%	0.2%	1.4%	1.3%	0.7%	5.8%	21.7%	63.9%	156
FR	1.1%	4.1%	0.2%	0.2%	2.4%	0.8%	0.6%	4.6%	25.9%	60.2%	1,739
HR	4.9%	9.3%	1.8%	1.2%	2.8%	1.4%	1.9%	6.7%	17.3%	52.6%	32
HU	2.7%	5.3%	0.7%	0.5%	3.7%	1.7%	1.0%	8.3%	24.3%	51.9%	70
IE	1.3%	1.1%	0.7%	0.1%	3.0%	0.7%	0.3%	5.3%	27.0%	60.5%	101
IT	1.6%	4.0%	1.0%	0.4%	2.7%	0.8%	1.2%	5.2%	25.5%	57.7%	1,277
LT	3.5%	10.6%	1.1%	1.1%	4.1%	2.5%	2.7%	4.0%	25.5%	44.9%	25
LU	0.7%	4.5%	1.6%	0.2%	2.5%	1.2%	1.9%	8.8%	21.7%	56.8%	26
LV	2.1%	7.0%	1.2%	1.0%	3.5%	1.6%	1.3%	4.7%	22.6%	55.0%	18
MT	1.8%	5.6%	0.6%	0.6%	2.5%	0.6%	0.9%	6.3%	25.2%	55.9%	6
NL	0.7%	3.2%	0.5%	0.3%	1.6%	0.7%	0.8%	6.0%	25.0%	61.2%	415
PL	2.7%	7.5%	0.8%	0.7%	3.7%	1.7%	2.1%	8.7%	27.4%	44.9%	306
PT	1.8%	6.4%	2.8%	0.5%	2.9%	1.5%	0.8%	6.0%	21.6%	55.7%	143
RO	4.7%	12.0%	2.3%	0.6%	4.2%	2.4%	1.4%	9.2%	20.1%	43.0%	116
SE	0.8%	2.9%	0.3%	0.4%	2.1%	0.9%	1.3%	8.1%	25.3%	57.9%	319
SI	2.8%	6.2%	1.2%	0.2%	3.7%	0.6%	0.7%	7.2%	27.8%	49.5%	26
SK	3.4%	8.0%	1.0%	1.2%	5.8%	2.6%	0.5%	7.9%	28.8%	40.8%	55
UK	0.8%	2.4%	0.4%	0.3%	3.1%	0.8%	0.7%	4.4%	28.4%	58.6%	1,781
<b>EU</b>	<b>1.2%</b>	<b>4.0%</b>	<b>0.6%</b>	<b>0.4%</b>	<b>2.9%</b>	<b>1.0%</b>	<b>1.1%</b>	<b>6.2%</b>	<b>25.2%</b>	<b>57.4%</b>	<b>10,560</b>

P: primary; M1: food, beverages, tobacco; M2: textiles; M3: wood, paper, printing; M4: energy; M5: chemicals; M6: other non-metallic and basic metals; M7: machinery and transport equipment; S1: transport, trade and business services; S2: other services.

In 2014, Bulgarian final demand generated around 33bn EUR of value added in the EU, of which 10% was driven by the Bulgarian final demand of products of the machinery and transport equipment industries (M7).



## C.2. EU value added generated by the final demand of each Member State by industry of final demand (2014; %)



In 2014, 57% of EU value added generated by EU final demand was driven by the final demand of other services (S2) and 25% by the final demand of transport, trade and business services (S1). EU final demand of the machinery and transport equipment industries accounted for 6% (M7), while food, beverages, tobacco made up 4% (M1).

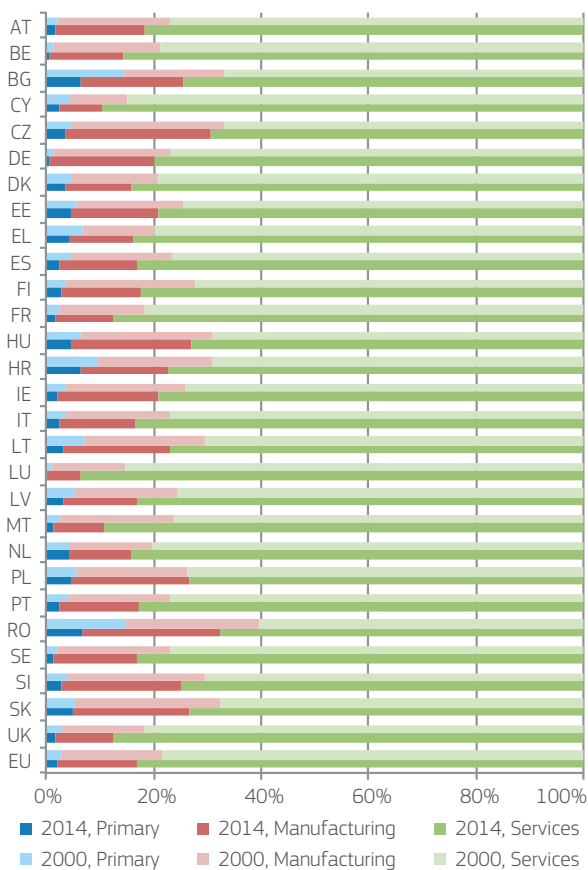
### C.3. EU value added by Member State generated by EU final demand by sector (2000, 2014; % and bn EUR)

	2000				2014			
	P	M	S	Total	P	M	S	Total
AT	2%	21%	77%	170	2%	16%	82%	247
BE	1%	20%	79%	198	1%	14%	86%	289
BG	14%	19%	67%	12	6%	19%	74%	30
CY	4%	11%	85%	9	3%	8%	90%	13
CZ	5%	28%	67%	54	4%	27%	69%	117
DE	1%	22%	77%	1,686	1%	20%	80%	2,130
DK	5%	16%	79%	129	3%	12%	84%	182
EE	6%	20%	75%	5	5%	16%	79%	14
EL	7%	14%	80%	118	4%	12%	84%	136
ES	4%	19%	77%	544	3%	14%	83%	847
FI	3%	24%	72%	101	3%	15%	<b>82%</b>	<b>149</b>
FR	2%	16%	82%	1,207	2%	11%	87%	1,696
HR	10%	21%	69%	16	6%	16%	77%	29
HU	6%	25%	69%	38	5%	22%	73%	73
IE	4%	22%	74%	72	2%	19%	79%	113
IT	4%	19%	77%	1,007	3%	14%	83%	1,278
LT	7%	22%	70%	10	3%	20%	77%	24
LU	1%	14%	85%	13	0%	6%	93%	27
LV	5%	19%	75%	7	3%	14%	83%	17
MT	2%	21%	76%	3	1%	9%	89%	6
NL	4%	15%	80%	345	4%	12%	84%	476
PL	6%	21%	74%	153	5%	22%	73%	317
PT	4%	19%	77%	106	3%	15%	83%	131
RO	15%	25%	60%	33	7%	26%	68%	113
SE	2%	21%	77%	205	2%	15%	83%	309
SI	4%	25%	71%	18	3%	22%	75%	26
SK	5%	27%	68%	18	5%	22%	73%	57
UK	3%	16%	82%	1,323	2%	11%	87%	1,714
<b>EU</b>	<b>3%</b>	<b>19%</b>	<b>78%</b>	<b>7,599</b>	<b>2%</b>	<b>15%</b>	<b>83%</b>	<b>10,560</b>

P: primary; M: manufacturing; S: services

In 2014, the final demand of the whole EU generated around 149bn EUR of value added in Finland, of which 82% was in the services sector.

### C.3. EU value added by Member State generated by EU final demand by sector (2000, 2014; %)



In 2014, 83% of EU value added generated by EU final demand was in the services sector (up from 78% in 2000), 15% in the manufacturing sector (down from 19% in 2000) and 2% in primary industries (3% in 2000). In 2014, the services sector accounted for more than 70% of the value added generated by EU final demand in all Member States, except in the Czech Republic (69%), and Romania (68%).

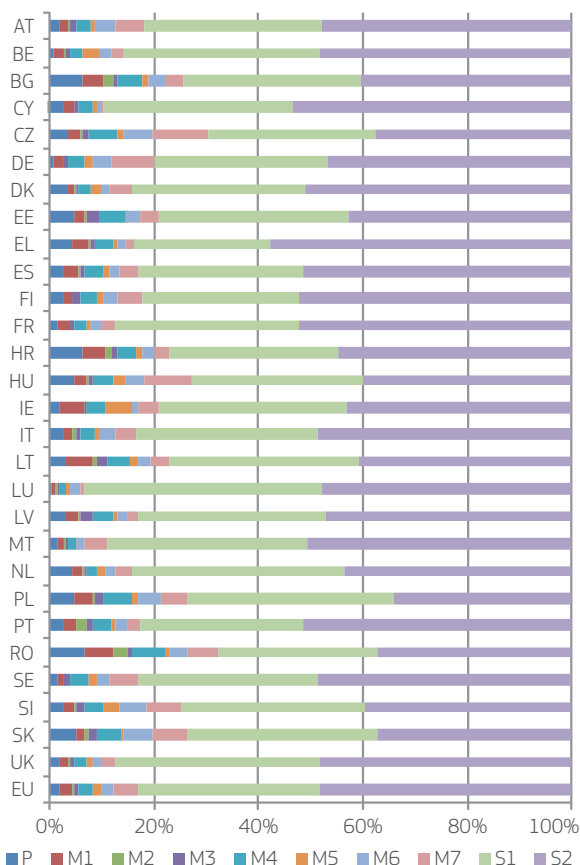
#### C.4. EU value added by Member State generated by EU final demand by industry (2014; % and bn EUR)

	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
AT	1.8%	1.8%	0.3%	1.3%	2.6%	1.0%	3.6%	5.8%	33.9%	47.9%	247
BE	0.7%	2.1%	0.3%	0.7%	2.6%	2.9%	2.4%	2.7%	37.4%	48.2%	289
BG	6.5%	3.7%	2.1%	0.8%	4.6%	1.1%	3.3%	3.5%	33.9%	40.5%	30
CY	2.6%	2.3%	0.0%	0.5%	3.0%	0.5%	1.0%	0.4%	36.2%	53.6%	13
CZ	3.6%	2.4%	0.5%	1.2%	5.3%	1.1%	5.6%	10.8%	31.7%	37.8%	117
DE	0.8%	1.8%	0.2%	0.9%	3.1%	1.7%	3.6%	8.3%	32.8%	46.9%	2,130
DK	3.4%	1.5%	0.1%	0.5%	2.2%	2.3%	1.6%	4.0%	33.1%	51.2%	182
EE	4.6%	2.2%	0.4%	2.2%	5.0%	0.3%	2.4%	3.9%	36.2%	42.7%	14
EL	4.3%	3.3%	0.4%	0.5%	3.8%	0.6%	1.7%	1.6%	26.0%	57.8%	136
ES	2.6%	2.9%	0.5%	0.7%	3.5%	1.2%	2.1%	3.5%	31.4%	51.6%	847
FI	2.7%	1.4%	0.1%	1.7%	3.2%	1.3%	2.4%	4.9%	29.9%	52.4%	149
FR	1.7%	2.2%	0.1%	0.5%	2.4%	1.0%	1.8%	2.9%	35.0%	52.3%	1,696
HR	6.5%	4.3%	1.0%	1.1%	3.9%	1.0%	2.4%	2.5%	32.7%	44.6%	29
HU	4.7%	2.5%	0.4%	0.8%	4.0%	2.2%	3.5%	8.9%	32.9%	40.1%	73
IE	2.0%	4.7%	0.1%	0.4%	3.5%	5.1%	1.0%	3.9%	35.9%	43.3%	113
IT	2.6%	1.7%	0.9%	0.8%	2.7%	0.9%	2.9%	4.2%	34.6%	48.7%	1,278
LT	3.3%	5.1%	0.5%	2.0%	4.6%	1.4%	2.5%	3.6%	36.1%	40.9%	24
LU	0.3%	0.9%	0.3%	0.3%	1.3%	0.6%	1.9%	0.9%	45.5%	47.9%	27
LV	3.2%	2.3%	0.4%	2.5%	4.0%	0.5%	2.1%	2.0%	35.8%	47.2%	17
MT	1.4%	1.5%	0.2%	0.4%	1.6%	0.2%	1.3%	4.3%	38.5%	50.6%	6
NL	4.2%	2.2%	0.2%	0.6%	1.9%	1.5%	1.9%	3.5%	40.4%	43.7%	476
PL	4.8%	3.6%	0.5%	1.5%	5.3%	1.2%	4.5%	5.2%	39.1%	34.3%	317
PT	2.6%	2.4%	<b>2.2%</b>	1.1%	3.5%	0.7%	2.4%	2.5%	31.3%	51.3%	<b>131</b>
RO	6.7%	5.7%	2.5%	1.1%	6.0%	0.8%	3.5%	6.1%	30.3%	37.3%	113
SE	1.6%	1.2%	0.1%	1.3%	3.4%	1.5%	2.3%	5.5%	34.5%	48.7%	309
SI	2.9%	1.7%	0.7%	1.3%	3.8%	3.0%	5.2%	6.6%	35.0%	39.8%	26
SK	5.0%	1.7%	0.7%	1.7%	4.5%	0.6%	5.3%	7.0%	36.1%	37.4%	57
UK	1.9%	1.7%	0.3%	0.7%	2.7%	1.0%	1.7%	2.7%	38.8%	48.5%	1,714
<b>EU</b>	<b>2.2%</b>	<b>2.1%</b>	<b>0.4%</b>	<b>0.8%</b>	<b>3.0%</b>	<b>1.3%</b>	<b>2.6%</b>	<b>4.6%</b>	<b>34.9%</b>	<b>48.2%</b>	<b>10,560</b>

P: primary; M1: food, beverages, tobacco; M2: textiles; M3: wood, paper, printing; M4: energy; M5: chemicals; M6: other non-metallic and basic metals; M7: machinery and transport equipment; S1: transport, trade and business services; S2: other services.

In 2014, the final demand of the whole EU generated around 131bn EUR of value added in Portugal, of which 2.2% was in the textile industry (M2).

### C.4. EU value added by Member State generated by EU final demand by industry (2014; %)



In 2014, 48% of the EU value added generated by EU final demand was in other services (S2), 35% in the transport, trade and business services industries (S1), 4.6% in the machinery and transport equipment industries (M7), 3% in the energy industries (M4), and 2.6% in the other non-metallic and basic metals industries (M6).

### C.5. EU value added generated by EU final demand: inter-industry linkages (2000, 2014; bn EUR)

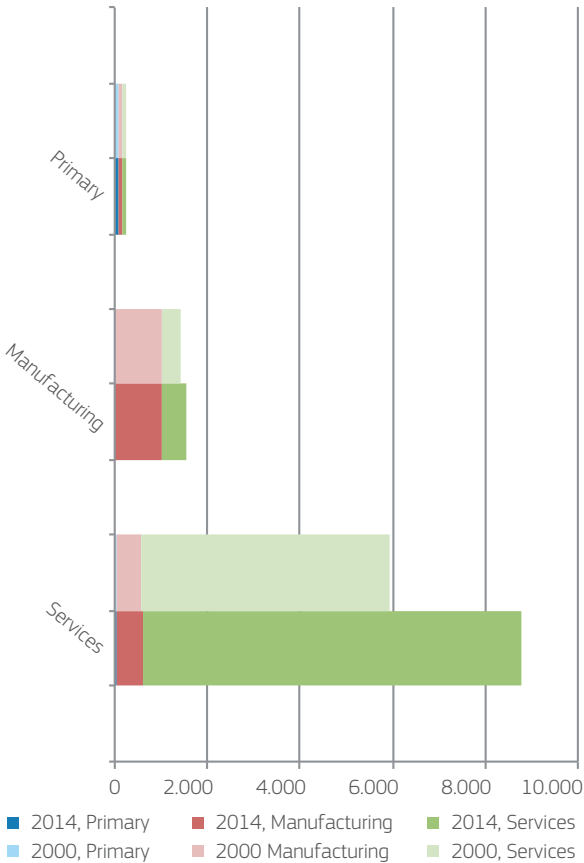
Value added in		Final producer (2000)										
		P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
	P	91	56	2	2	20	2	2	6	12	33	226
	M1	3	140	1	0	1	1	0	2	5	27	180
	M2	0	1	48	0	0	0	0	3	2	5	60
	M3	1	6	1	25	2	2	1	11	24	36	109
	M4	3	9	2	2	107	3	4	13	22	48	212
	M5	3	6	3	1	3	59	3	11	8	29	126
	M6	3	11	3	1	6	3	64	63	22	98	275
	M7	3	7	2	1	6	2	4	341	31	64	460
	S1	25	118	34	12	48	31	27	192	1,560	614	2,662
	S2	4	19	6	2	13	5	5	36	125	3,072	3,289
	Total	135	374	102	48	205	108	111	678	1,812	4,027	7,599

Value added in		Final producer (2014)										
		P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
	P	76	59	1	2	22	2	2	6	16	41	227
	M1	5	156	1	0	1	1	0	2	10	44	220
	M2	0	1	28	0	0	0	0	2	3	6	41
	M3	1	6	1	18	2	1	1	7	19	31	86
	M4	3	13	2	2	157	4	5	16	36	77	316
	M5	2	6	2	1	5	58	3	9	11	41	138
	M6	2	11	1	1	7	3	63	54	28	100	272
	M7	3	9	1	1	9	2	4	337	41	79	487
	S1	26	136	18	11	82	30	30	178	2,275	899	3,685
	S2	6	28	4	3	25	6	7	39	225	4,744	5,087
	Total	125	426	58	39	311	107	116	650	2,665	6,063	10,560

P: primary; M1: food, beverages, tobacco; M2: textiles; M3: wood, paper, printing; M4: energy; M5: chemicals; M6: other non-metallic and basic metals; M7: machinery and transport equipment; S1: transport, trade and business services; S2: other services.

In 2014, the EU final demand of products of the chemical industry (M5) generated around 30bn EUR of value added in the EU transport, trade and business services industries (S1).

### C.5. EU value added generated by EU final demand: inter-industry linkages (2000, 2014; bn EUR)



In 2014, EU final demand generated 8,772bn EUR of value added in the services sector across the EU, of which 8,143bn EUR were driven by the EU final demand of services and 597bn EUR were driven by the EU final demand of products of the manufacturing sector. EU final demand generated 1,560bn EUR of value added in the manufacturing sector, of which 1,014bn EUR were driven by the EU final demand of products of the manufacturing sector and 526bn EUR depended on the final demand of services.

## C.6. Non-EU value added generated by the final demand of each Member State by sector of final demand (2000, 2014; % and bn EUR)

	2000				2014			
	P	M	S	Total	P	M	S	Total
AT	2%	53%	45%	15	2%	53%	45%	29
BE	3%	56%	41%	29	1%	<b>42%</b>	57%	<b>60</b>
BG	5%	63%	31%	2	4%	58%	37%	7
CY	2%	60%	38%	2	2%	54%	44%	3
CZ	2%	54%	45%	7	2%	59%	39%	18
DE	5%	64%	32%	186	2%	62%	35%	283
DK	1%	49%	49%	14	1%	44%	55%	25
EE	3%	59%	39%	1	3%	58%	39%	3
EL	10%	58%	32%	20	7%	64%	29%	22
ES	3%	54%	43%	56	3%	61%	36%	95
FI	2%	47%	51%	10	2%	40%	58%	20
FR	3%	60%	37%	104	2%	49%	49%	192
HR	11%	46%	42%	2	7%	52%	41%	5
HU	6%	50%	44%	7	7%	48%	45%	12
IE	2%	32%	66%	17	2%	22%	77%	34
IT	2%	56%	42%	101	3%	53%	44%	126
LT	21%	48%	31%	2	18%	57%	26%	7
LU	1%	38%	61%	3	1%	44%	55%	7
LV	4%	58%	38%	1	4%	55%	41%	3
MT	1%	52%	47%	1	2%	45%	53%	1
NL	5%	46%	48%	51	2%	48%	50%	95
PL	4%	48%	48%	18	3%	60%	37%	47
PT	3%	59%	38%	12	4%	62%	34%	16
RO	7%	56%	38%	4	4%	60%	36%	17
SE	1%	53%	46%	23	1%	44%	55%	40
SI	6%	61%	33%	2	4%	61%	35%	5
SK	4%	60%	36%	2	3%	73%	24%	10
UK	2%	49%	49%	176	2%	50%	48%	243
<b>EU</b>	<b>3%</b>	<b>55%</b>	<b>42%</b>	<b>872</b>	<b>3%</b>	<b>53%</b>	<b>45%</b>	<b>1,424</b>

P: primary; M: manufacturing; S: services

In 2014, Belgian final demand generated 60bn EUR of value added outside the EU, of which 42% was driven by Belgian final demand of manufactures.



## C.6. Non-EU value added generated by the final demand of each Member State by sector of final demand (2000, 2014; %)



In 2014, EU final demand of manufactures was responsible for 53% of the value added generated by EU final demand outside Europe (55% in 2000); the final demand of services and products of the primary sector made up 45% and 6% respectively (42% and 3% in 2000).

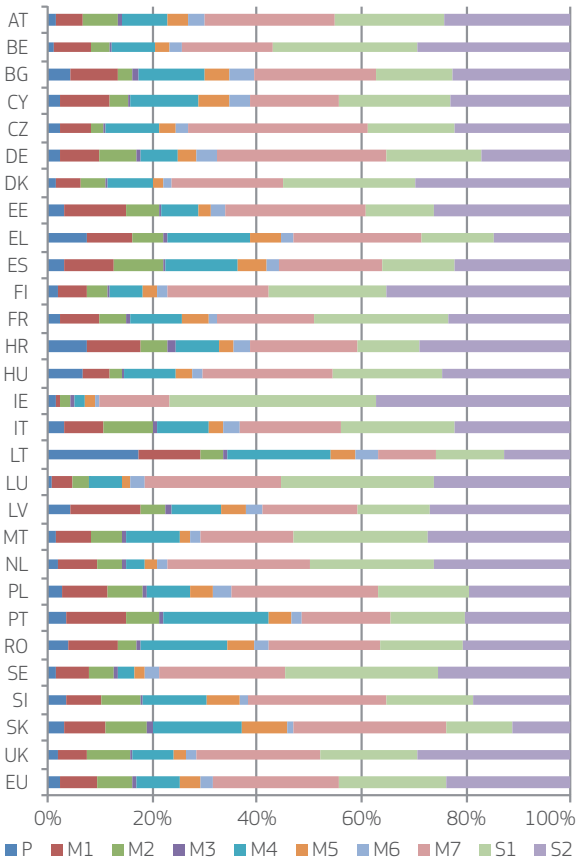
### C.7. Non-EU value added generated by the final demand of each Member State by industry of final demand (2014; % and bn EUR)

	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
AT	1.6%	5.0%	6.8%	0.7%	8.6%	4.0%	3.2%	24.9%	20.9%	24.3%	29
BE	1.3%	6.9%	3.7%	0.4%	8.1%	2.8%	2.4%	17.4%	27.4%	29.5%	60
BG	4.3%	9.0%	3.0%	1.0%	12.6%	5.0%	4.7%	23.1%	14.8%	22.6%	7
CY	2.2%	9.8%	3.3%	0.6%	12.8%	6.1%	3.9%	17.0%	21.4%	22.9%	3
CZ	2.2%	5.9%	2.4%	0.3%	10.5%	3.1%	2.3%	34.3%	16.6%	22.3%	18
DE	2.5%	7.4%	7.2%	0.7%	7.1%	3.7%	3.7%	32.3%	18.3%	17.1%	283
DK	1.4%	5.0%	4.8%	0.4%	8.6%	2.0%	1.4%	21.5%	25.0%	29.9%	25
EE	3.1%	<b>11.9%</b>	6.5%	0.4%	7.1%	2.5%	2.6%	26.8%	13.2%	26.1%	<b>3</b>
EL	7.5%	8.7%	6.0%	0.5%	16.1%	5.9%	2.2%	24.5%	13.7%	14.9%	22
ES	3.2%	9.5%	9.3%	0.4%	13.7%	5.7%	2.2%	19.6%	14.0%	22.2%	95
FI	2.0%	5.6%	4.0%	0.4%	6.2%	2.7%	2.0%	19.2%	22.7%	35.1%	20
FR	2.4%	7.4%	5.4%	0.4%	10.1%	4.9%	1.6%	18.7%	25.5%	23.6%	192
HR	7.3%	10.5%	5.2%	1.5%	8.3%	2.9%	3.0%	20.5%	11.7%	29.2%	5
HU	6.8%	5.1%	2.0%	0.5%	10.0%	3.3%	1.9%	25.0%	20.5%	24.8%	12
IE	1.5%	0.8%	2.0%	0.8%	2.0%	1.8%	0.8%	13.4%	39.6%	37.2%	34
IT	3.0%	7.7%	9.5%	0.6%	9.8%	3.1%	3.0%	19.3%	21.9%	22.1%	126
LT	17.5%	11.8%	4.1%	1.0%	19.7%	4.6%	4.6%	10.9%	13.1%	12.7%	7
LU	0.8%	3.9%	3.1%	0.2%	6.0%	1.9%	2.4%	26.3%	29.0%	26.3%	7
LV	4.2%	13.5%	4.7%	1.1%	9.7%	4.6%	3.1%	18.2%	13.6%	27.2%	3
MT	1.7%	6.4%	6.1%	0.6%	10.4%	1.9%	2.2%	17.6%	25.8%	27.3%	1
NL	1.8%	7.6%	4.9%	0.5%	3.6%	2.4%	2.0%	27.4%	23.7%	26.1%	95
PL	2.9%	8.4%	6.9%	0.7%	8.2%	4.4%	3.8%	27.9%	17.2%	19.6%	47
PT	3.5%	11.3%	6.5%	0.6%	20.4%	4.3%	1.8%	17.2%	14.0%	20.4%	16
RO	3.9%	9.5%	3.5%	0.6%	16.7%	5.3%	2.5%	21.7%	15.6%	20.7%	17
SE	1.4%	6.6%	4.8%	0.6%	3.1%	2.1%	2.7%	24.1%	29.5%	25.2%	40
SI	3.7%	6.4%	7.6%	0.4%	12.3%	6.1%	1.7%	26.5%	16.7%	18.6%	5
SK	3.3%	7.8%	8.1%	1.0%	17.0%	8.5%	1.3%	29.2%	12.6%	11.2%	10
UK	2.0%	5.6%	8.0%	0.4%	8.0%	2.4%	2.1%	23.6%	18.4%	29.4%	243
<b>EU</b>	<b>2.6%</b>	<b>7.1%</b>	<b>6.6%</b>	<b>0.5%</b>	<b>8.7%</b>	<b>3.6%</b>	<b>2.5%</b>	<b>23.9%</b>	<b>20.9%</b>	<b>23.7%</b>	<b>1,424</b>

P: primary; M1: food, beverages, tobacco; M2: textiles; M3: wood, paper, printing; M4: energy; M5: chemicals; M6: other non-metallic and basic metals; M7: machinery and transport equipment; S1: transport, trade and business services; S2: other services.

In 2014, Estonian final demand generated 3bn EUR of value added outside the EU, of which 12% was driven by the final demand of products of the food, beverages and tobacco industry (M1).

### C.7. Non-EU value added generated by the final demand of each Member State by industry of final demand (2014; %)



In 2014, the final demand of other services (S2) and products of the machinery and transport equipment industries (M7) were each responsible for 24% of the value added outside the EU generated by EU final demand. The contribution of the transport, trade and business services industries (S1) was 21%, followed by energy (M4) (9%), textiles (M2) (7%), and food, beverages and tobacco (M1) (7%).

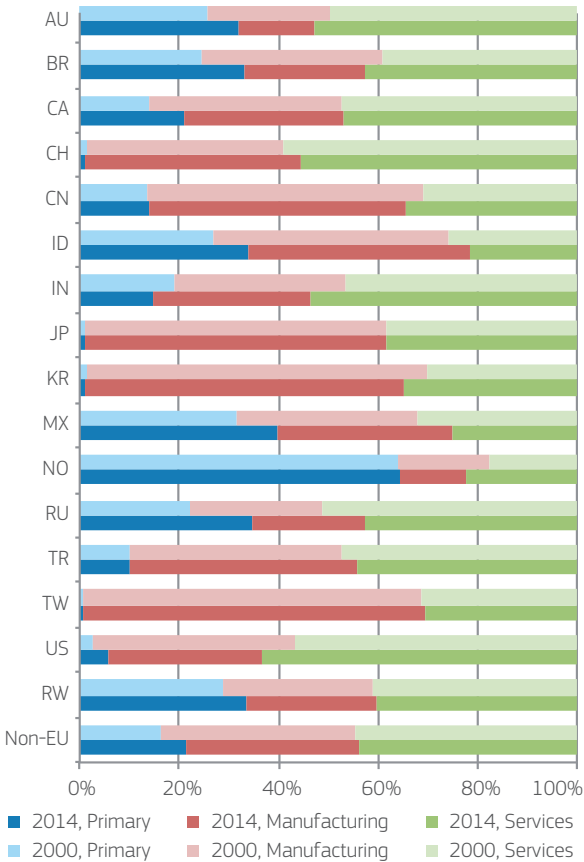
### C.8. Non-EU value added by country generated by EU final demand by sector (2000, 2014; % and bn EUR)

	2000				2014			
	P	M	S	Total	P	M	S	Total
AU	26%	25%	50%	12	32%	15%	53%	13
BR	25%	36%	39%	15	33%	24%	43%	26
CA	14%	39%	47%	22	21%	32%	47%	27
CH	1%	40%	59%	50	1%	43%	56%	71
CN	14%	55%	31%	40	14%	52%	<b>35%</b>	<b>231</b>
ID	27%	48%	26%	10	34%	44%	22%	15
IN	19%	34%	47%	13	15%	32%	54%	30
JP	1%	61%	38%	81	1%	61%	38%	45
KR	1%	69%	30%	22	1%	64%	35%	34
MX	31%	37%	32%	7	40%	35%	25%	12
NO	64%	18%	18%	36	64%	13%	23%	50
RU	22%	27%	51%	35	35%	23%	43%	83
TR	10%	42%	47%	29	10%	46%	44%	45
TW	1%	68%	31%	19	1%	69%	31%	17
US	3%	40%	57%	213	6%	31%	63%	258
RW	29%	30%	41%	266	34%	26%	40%	467
<b>Non-EU</b>	<b>16%</b>	<b>39%</b>	<b>45%</b>	<b>872</b>	<b>21%</b>	<b>35%</b>	<b>44%</b>	<b>1,424</b>

P: primary; M: manufacturing; S: services

In 2014, EU final demand generated around 231bn EUR of value added in China, of which 35% was in the Chinese services sector.

### C.8. Non-EU value added by country generated by EU final demand by sector (2000, 2014; %)



In 2014, the services sector accounted for 44% of the value added generated outside the EU by the final demand of the EU (45% in 2000); the manufacturing sector accounted for 35% (39% in 2000) and the primary sector for 21% (16% in 2000). In China, Japan, Korea and Taiwan more than 50% of the value added generated by EU final demand was in their manufacturing sector.

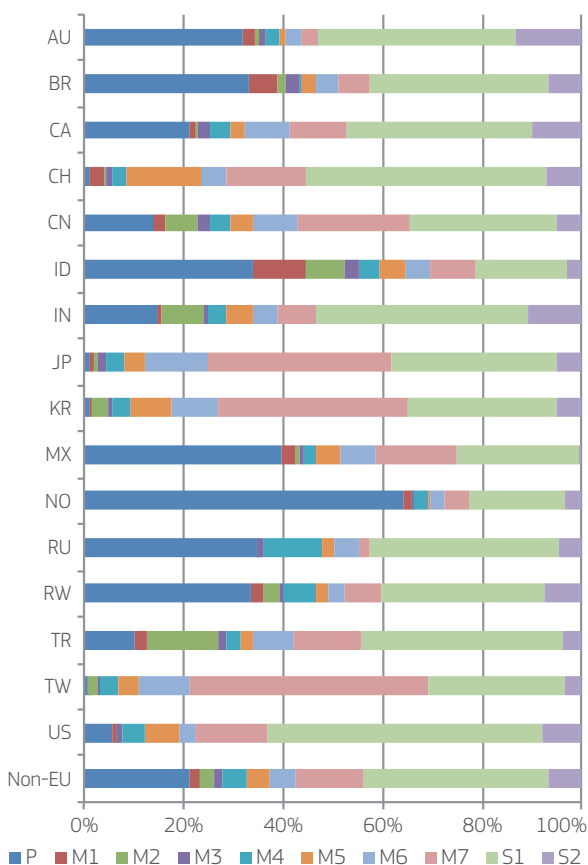
### C.9. Non-EU value added by country generated by EU final demand by industry (2014; % and bn EUR)

	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
AU	31.7%	2.6%	1.0%	0.9%	2.8%	1.6%	3.0%	3.3%	39.7%	13.4%	13
BR	33.0%	6.1%	1.4%	2.8%	0.7%	2.6%	4.6%	6.0%	36.1%	6.8%	26
CA	21.1%	1.4%	0.3%	2.5%	4.0%	2.9%	9.2%	11.3%	37.2%	10.0%	27
CH	1.1%	2.8%	0.3%	1.2%	2.9%	15.2%	5.1%	15.7%	48.5%	7.1%	71
CN	13.9%	2.4%	6.7%	2.4%	4.0%	4.4%	9.0%	22.6%	29.5%	5.1%	231
ID	34.0%	10.5%	7.7%	2.8%	4.0%	5.4%	4.9%	9.0%	18.5%	3.1%	15
IN	14.6%	1.0%	8.3%	0.9%	3.6%	5.4%	5.2%	7.5%	42.6%	10.9%	30
JP	1.0%	0.8%	0.8%	1.8%	3.7%	4.2%	12.5%	36.8%	33.4%	4.9%	45
KR	1.1%	0.5%	3.1%	0.9%	3.8%	8.1%	9.7%	38.1%	29.7%	5.1%	34
MX	39.6%	2.9%	0.9%	0.9%	2.2%	4.9%	7.2%	16.3%	24.6%	0.5%	12
NO	64.4%	1.3%	0.2%	0.5%	2.8%	0.5%	2.8%	5.0%	19.1%	3.4%	50
RU	34.6%	0.2%	0.1%	1.2%	11.7%	2.4%	5.1%	2.0%	38.0%	4.8%	83
TR	10.1%	2.3%	14.7%	1.3%	3.2%	2.3%	8.0%	13.9%	40.5%	3.7%	45
TW	0.6%	0.3%	1.9%	0.6%	3.6%	4.1%	10.1%	48.1%	27.3%	3.5%	17
US	5.6%	0.8%	0.2%	1.0%	4.5%	6.9%	3.6%	14.2%	55.4%	7.9%	258
RW	33.6%	2.4%	3.1%	0.9%	6.5%	2.6%	3.0%	7.6%	32.5%	7.7%	467
<b>Non-EU</b>	<b>21.3%</b>	<b>1.9%</b>	<b>3.1%</b>	<b>1.3%</b>	<b>5.1%</b>	<b>4.5%</b>	<b>5.3%</b>	<b>13.6%</b>	<b>37.2%</b>	<b>6.7%</b>	<b>1,424</b>

P: primary; M1: food, beverages, tobacco; M2: textiles; M3: wood, paper, printing; M4: energy; M5: chemicals; M6: other non-metallic and basic metals; M7: machinery and transport equipment; S1: transport, trade and business services; S2: other services.

In 2014, the EU final demand generated around 45bn EUR of value added in Turkey, of which 15% was in the Turkish textile industry (M2).

### C.9. Non-EU value added by country generated by EU final demand by industry (2014; %)



In 2014, the transport, trade and business services industries (S1) accounted for 37% of the value added generated outside the EU by the final demand of the EU, followed by the primary industries (P) (21%), the machinery and transport equipment industries (M7) (14%) and other services (S2) (7%).

### C.10. Non-EU value added generated by EU final demand: inter-industry linkages (2000, 2014; bn EUR)

Value added in		Final producer (2000)										
		P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
	P	186	175	73	1.1	308	3.1	3.2	14.8	15.1	29.2	141
	M1	0.4	85	05	00	02	02	0.1	0.9	0.9	2.9	15
	M2	0.1	0.2	23.2	0.1	0.1	0.1	0.1	1.7	0.7	1.4	28
	M3	0.2	1.1	0.7	1.2	0.4	0.4	0.3	4.4	2.9	4.6	16
	M4	1.2	25	25	0.4	56	1.4	1.3	9.0	6.3	10.1	40
	M5	1.0	2.1	2.7	0.4	1.2	10.4	1.3	7.0	3.2	9.0	38
	M6	0.7	2.0	1.5	0.3	1.8	1.0	6.0	23.3	5.3	12.2	54
	M7	0.9	2.4	1.6	0.4	2.4	1.0	1.3	105.8	13.0	22.5	152
	S1	6.1	19.0	16.9	2.1	14.7	8.3	6.4	69.4	107.0	73.4	323
	S2	0.9	2.8	2.4	0.3	2.3	1.3	1.0	10.7	13.0	30.3	65
Total	30	58	59	6	60	27	21	247	167	196	872	

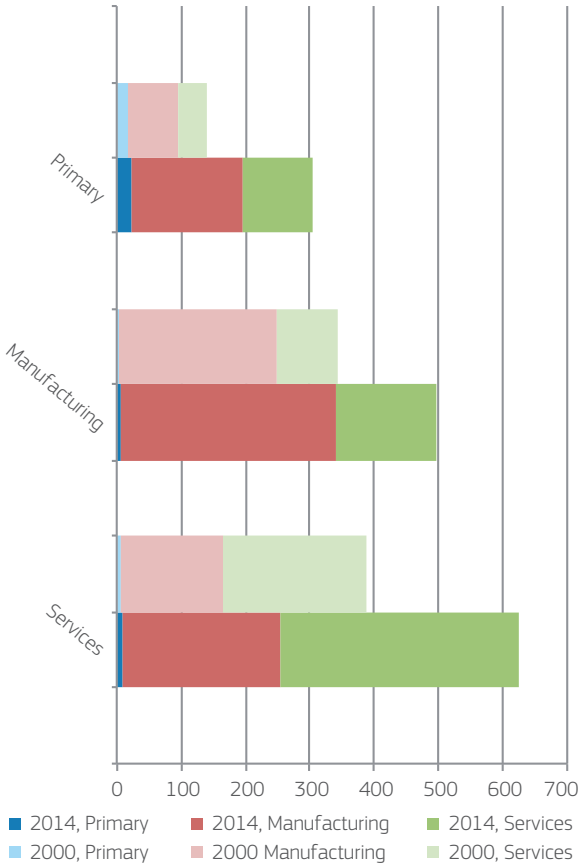
Value added in		Final producer (2014)										
		P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
	P	21.7	34.6	17.7	1.7	63.4	9.1	8.2	38.8	40.3	68.0	304
	M1	0.7	14.5	1.5	0.1	0.4	0.5	0.3	2.2	2.0	5.5	28
	M2	0.1	0.5	33.7	0.1	0.3	0.2	0.3	3.2	1.8	3.5	44
	M3	0.2	1.1	0.8	1.4	0.7	0.5	0.4	5.0	3.4	5.1	19
	M4	1.6	4.4	3.8	0.5	12.9	2.6	2.4	13.5	12.7	18.6	73
	M5	1.2	3.2	3.3	0.4	2.4	18.3	1.9	9.3	5.9	18.0	64
	M6	0.8	2.9	1.9	0.3	3.3	1.3	8.8	28.8	8.6	18.2	75
	M7	1.1	3.5	2.2	0.4	4.9	1.5	2.0	127.0	19.8	31.9	194
	S1	7.6	31.9	25.6	2.4	30.0	14.8	10.2	97.5	182.0	127.6	530
	S2	1.2	4.4	3.4	0.4	4.9	2.1	1.7	14.9	20.5	41.4	95
Total	36	101	94	8	123	51	36	340	297	338	1,424	

P: primary; M1: food, beverages, tobacco; M2: textiles; M3: wood, paper, printing; M4: energy; M5: chemicals; M6: other non-metallic and basic metals; M7: machinery and transport equipment; S1: transport, trade and business services; S2: other services.

In 2014, EU final demand of products of the food industry (M1) generated 35bn EUR of value added in the primary industries (P) of non-EU countries.



### C.10. Non-EU value added generated by EU final demand: inter-industry linkages (2000, 2014; bn EUR)



In 2014, EU final demand generated 625bn EUR of value added in the services sector across the world, of which 372bn EUR were linked to EU final demand of services and 244bn EUR were generated by EU final demand of products of the manufacturing sector. In 2014, EU final demand generated 497bn EUR of value added in the manufacturing sector outside the EU, of which 329bn EUR were driven by the EU final demand of products of the manufacturing sector and 155bn EUR by the EU final demand of services.

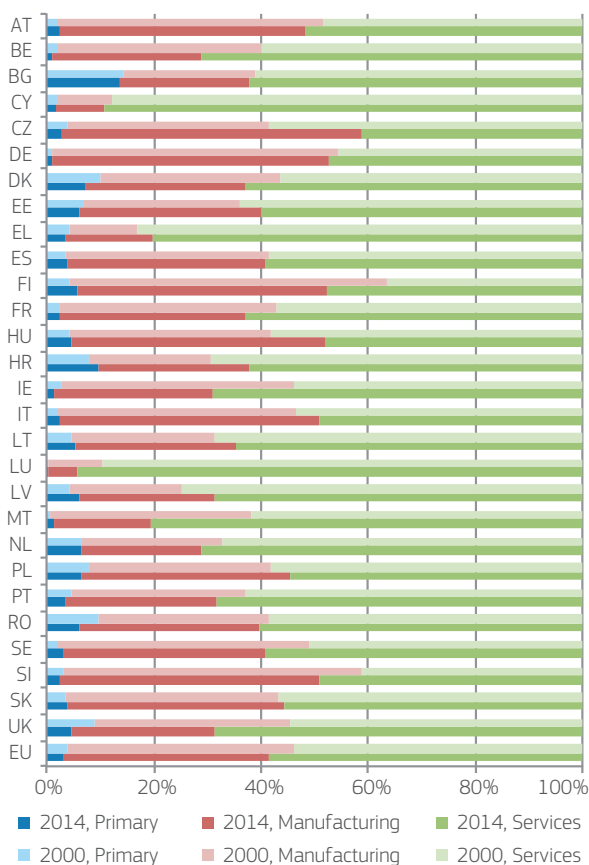
### C.11. EU value added by Member State generated by non-EU final demand by sector (2000, 2014; % and bn EUR)

	2000				2014			
	P	M	S	Total	P	M	S	Total
AT	2%	49%	49%	20	2%	46%	52%	46
BE	2%	38%	60%	33	1%	28%	71%	70
BG	14%	24%	61%	1	14%	24%	62%	7
CY	2%	10%	88%	1	2%	9%	89%	3
CZ	4%	38%	58%	7	3%	56%	41%	23
DE	1%	53%	45%	224	1%	52%	47%	493
DK	10%	34%	56%	24	7%	30%	63%	44
EE	7%	29%	64%	1	6%	34%	60%	4
EL	4%	13%	83%	10	4%	16%	80%	21
ES	4%	38%	59%	42	4%	37%	59%	101
FI	4%	59%	37%	19	6%	47%	48%	28
FR	3%	40%	57%	126	3%	35%	63%	214
HR	8%	22%	70%	4	10%	28%	62%	7
HU	4%	38%	58%	6	5%	47%	48%	15
IE	3%	43%	54%	25	2%	29%	69%	58
IT	2%	44%	54%	103	3%	48%	49%	171
LT	5%	27%	69%	1	5%	30%	65%	9
LU	0%	10%	89%	7	0%	5%	94%	16
LV	4%	21%	75%	1	6%	25%	69%	4
MT	1%	38%	62%	1	1%	18%	81%	1
NL	7%	26%	67%	57	7%	22%	71%	121
PL	8%	34%	58%	13	6%	39%	55%	48
PT	4%	32%	63%	6	3%	28%	68%	21
RO	10%	32%	58%	4	6%	34%	60%	19
SE	2%	47%	51%	45	3%	37%	59%	73
SI	3%	56%	41%	2	2%	48%	49%	6
SK	3%	40%	57%	2	4%	40%	56%	12
UK	9%	36%	55%	179	5%	27%	69%	293
<b>EU</b>	<b>4%</b>	<b>42%</b>	<b>54%</b>	<b>961</b>	<b>3%</b>	<b>38%</b>	<b>59%</b>	<b>1,928</b>

P: primary; M: manufacturing; S: services

In 2014, the final demand of non-EU countries generated around 214bn EUR of value added in France, of which 63% was in the services sector.

### C.11. EU value added by Member State generated by non-EU final demand by sector (2000, 2014; %)



In 2014, 59% of EU value added generated by non-EU final demand was in the services sector (up from 54% in 2000), 38% in the manufacturing sector (down from 42% in 2000) and 3% in primary industries (4% in 2000). In 2014, the services sector accounted for at least 50% of the value added generated by non-EU final demand in most Member States, except in the Czech Republic, Germany, Finland, Hungary, Italy and Slovenia.

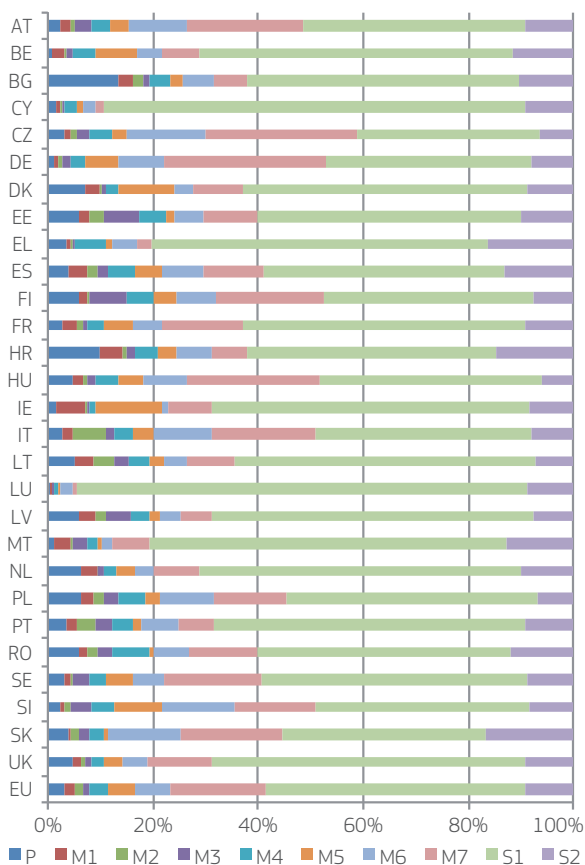
### C.12. EU value added by Member State generated by non-EU final demand by industry (2014; % and bn EUR)

	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
AT	2.3%	2.1%	0.9%	3.0%	3.4%	3.5%	11.3%	21.9%	42.3%	9.3%	46
BE	0.9%	2.1%	0.6%	1.1%	4.2%	7.9%	5.0%	6.9%	59.6%	11.7%	70
BG	13.6%	2.5%	1.9%	1.3%	4.1%	2.2%	6.0%	6.3%	51.8%	10.3%	7
CY	1.8%	0.7%	0.3%	0.4%	2.4%	1.0%	2.6%	1.5%	80.0%	9.3%	3
CZ	3.0%	1.3%	1.4%	2.2%	4.6%	2.6%	14.8%	29.0%	34.6%	6.6%	23
DE	1.0%	1.0%	0.7%	1.4%	3.0%	6.1%	8.7%	30.8%	39.4%	7.9%	493
DK	7.2%	2.8%	0.3%	0.8%	2.2%	10.8%	3.5%	9.6%	54.0%	8.7%	44
EE	6.1%	1.7%	2.8%	6.7%	5.2%	1.7%	5.5%	10.3%	49.9%	10.1%	4
EL	3.5%	0.8%	0.3%	0.4%	6.1%	1.1%	4.9%	2.7%	64.0%	16.3%	21
ES	4.1%	3.4%	2.1%	1.9%	5.2%	5.0%	8.2%	11.2%	46.0%	13.1%	101
FI	5.8%	1.5%	0.7%	7.2%	4.8%	4.5%	7.7%	20.2%	40.1%	7.5%	28
FR	2.7%	2.7%	1.3%	1.0%	3.0%	5.6%	5.5%	15.6%	53.6%	9.1%	214
HR	9.8%	4.4%	0.8%	1.8%	4.2%	3.7%	6.7%	6.5%	47.2%	15.0%	7
HU	4.6%	2.0%	1.0%	1.3%	4.6%	4.6%	8.3%	25.4%	42.0%	6.2%	15
IE	1.6%	5.7%	0.1%	0.4%	1.3%	12.9%	1.1%	8.1%	60.4%	8.6%	58
IT	2.6%	2.1%	6.3%	1.8%	3.4%	4.0%	10.8%	19.9%	40.9%	8.2%	171
LT	5.2%	3.3%	4.1%	2.9%	3.7%	3.0%	4.4%	8.8%	57.3%	7.3%	9
LU	0.4%	0.2%	0.2%	0.2%	0.8%	0.7%	2.1%	1.1%	85.4%	9.0%	16
LV	5.9%	3.3%	1.7%	5.0%	3.5%	2.0%	4.1%	5.8%	61.1%	7.6%	4
MT	1.2%	3.2%	0.3%	2.9%	1.6%	0.8%	2.2%	7.1%	67.7%	12.8%	1
NL	6.5%	2.8%	0.3%	0.9%	2.4%	3.8%	3.5%	8.6%	61.2%	10.0%	121
PL	6.3%	2.5%	1.8%	2.7%	5.1%	2.8%	10.2%	13.9%	47.7%	6.9%	48
PT	3.4%	<b>2.0%</b>	3.6%	3.1%	3.9%	1.7%	7.1%	7.0%	59.0%	9.3%	<b>21</b>
RO	5.9%	1.5%	2.0%	2.8%	7.1%	1.1%	6.5%	12.9%	48.3%	12.0%	19
SE	3.3%	1.2%	0.3%	3.1%	3.1%	5.3%	5.9%	18.3%	50.7%	8.7%	73
SI	2.4%	0.7%	1.3%	4.0%	4.2%	9.1%	13.6%	15.5%	40.8%	8.4%	6
SK	4.1%	0.4%	1.6%	1.9%	2.6%	0.8%	13.7%	19.3%	39.0%	16.6%	12
UK	4.6%	1.9%	0.8%	0.9%	2.6%	3.4%	4.7%	12.5%	59.4%	9.2%	293
<b>EU</b>	<b>3.2%</b>	<b>2.0%</b>	<b>1.4%</b>	<b>1.5%</b>	<b>3.2%</b>	<b>5.1%</b>	<b>7.0%</b>	<b>18.0%</b>	<b>49.5%</b>	<b>9.1%</b>	<b>1,928</b>

P: primary; M1: food, beverages, tobacco; M2: textiles; M3: wood, paper, printing; M4: energy; M5: chemicals; M6: other non-metallic and basic metals; M7: machinery and transport equipment; S1: transport, trade and business services; S2: other services.

In 2014, the final demand of non-EU countries generated 21bn EUR of value added in Portugal, of which 2% was in the food, beverages, tobacco industry (M1).

### C.12. EU value added by Member State generated by non-EU final demand by industry (2014; %)



In 2014, 50% of the EU value added generated by non-EU final demand was in the transport, trade and business services industries (S1), 18% in the machinery and transport equipment industries (M7), 9% in other services (S2) and 7% in other non-metallic and basic metals (M6).

### C.13. EU value added generated by non-EU final demand: inter-industry linkages (2000, 2014; bn EUR)

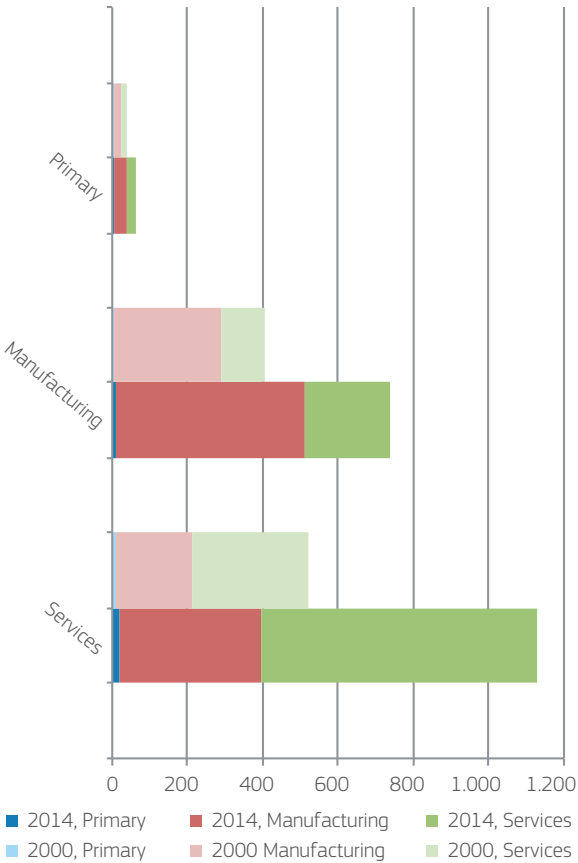
Value added in		Final producer (2000)										
	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total	
	P	7.2	7.2	1.1	0.2	3.6	0.9	0.8	4.4	4.3	9.1	39
	M1	0.4	12.5	0.4	0.0	0.1	0.3	0.1	1.0	0.9	2.1	18
	M2	0.1	0.3	13.9	0.1	0.1	0.1	0.1	1.7	1.1	2.5	20
	M3	0.4	1.7	0.8	1.4	0.4	0.6	0.4	5.6	4.7	7.1	23
	M4	0.6	1.7	1.1	0.2	2.0	1.0	0.8	6.7	4.6	7.8	27
	M5	1.3	2.6	2.4	0.3	0.9	18.7	1.3	7.9	4.4	12.9	53
	M6	1.1	3.0	1.6	0.2	1.4	1.2	8.3	30.8	7.5	20.6	76
	M7	1.6	2.8	1.7	0.3	2.3	1.2	1.4	137.5	14.3	23.7	187
	S1	9.5	23.4	17.3	2.1	10.2	12.2	7.8	98.7	162.5	101.5	445
	S2	1.4	3.5	2.8	0.3	1.7	2.0	1.3	18.1	16.1	26.9	74
	Total	24	59	43	5	23	38	22	312	220	214	961

Value added in		Final producer (2014)										
	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total	
	P	6.2	13.2	1.7	0.4	4.6	1.6	1.3	7.7	7.0	17.0	61
	M1	0.9	25.9	0.6	0.1	0.3	0.8	0.2	2.0	2.4	5.2	39
	M2	0.1	0.3	19.7	0.0	0.1	0.2	0.2	2.0	1.3	2.9	27
	M3	0.5	2.3	0.8	1.7	0.6	0.9	0.5	6.1	5.9	10.3	29
	M4	1.5	4.0	1.9	0.4	5.3	2.5	1.8	15.0	10.3	19.5	62
	M5	2.4	4.2	2.7	0.5	1.8	39.2	2.1	11.1	7.6	26.4	98
	M6	1.9	5.2	2.1	0.4	2.5	2.3	13.6	51.2	13.4	42.1	135
	M7	3.2	5.7	2.4	0.5	4.3	2.5	2.6	245.5	27.0	53.8	348
	S1	17.0	48.2	24.0	3.3	22.6	25.2	14.2	178.1	376.6	245.5	955
	S2	2.9	8.4	4.6	0.6	4.2	5.0	2.8	35.8	42.0	69.1	175
	Total	37	117	60	8	46	80	39	555	493	492	1,928

P: primary; M1: food, beverages, tobacco; M2: textiles; M3: wood, paper, printing; M4: energy; M5: chemicals; M6: other non-metallic and basic metals; M7: machinery and transport equipment; S1: transport, trade and business services; S2: other services.

In 2014, the non-EU final demand of products of the chemical industry (M5) generated around 25bn EUR in the EU transport, trade and business services industries (S1).

### C.13. EU value added generated by non-EU final demand: inter-industry linkages (2000, 2014; bn EUR)



In 2014, non-EU final demand generated 1,130bn EUR of value added in the services sector across the EU, of which 733bn EUR were driven by the non-EU final demand of services and 377bn EUR by the non-EU final demand of products of the manufacturing sector. Non-EU final demand generated 738bn EUR of value added in the EU manufacturing sector, of which 496bn EUR were driven by the non-EU final demand of products of the manufacturing sector and 226bn EUR depended on the non-EU final demand of services.

### C.14. Non-EU value added by country generated by non-EU final demand by sector (2000, 2014; % and bn EUR)

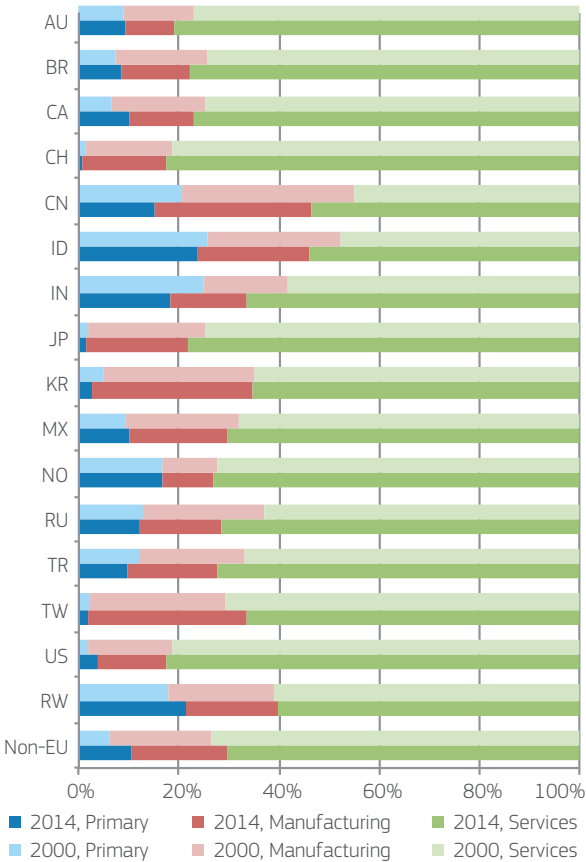
	2000				2014			
	P	M	S	Total	P	M	S	Total
AU	9%	14%	77%	394	9%	9%	81%	1,008
BR	7%	18%	74%	606	9%	13%	78%	1,534
CA	6%	19%	75%	734	10%	13%	77%	1,234
CH	1%	17%	81%	231	1%	17%	83%	442
CN	20%	35%	45%	1,257	15%	31%	54%	7,510
ID	26%	27%	48%	182	24%	22%	54%	639
IN	25%	17%	58%	482	18%	15%	<b>67%</b>	<b>1,472</b>
JP	2%	23%	75%	4,940	2%	20%	78%	3,295
KR	5%	30%	65%	524	3%	32%	65%	935
MX	9%	23%	68%	658	10%	20%	70%	912
NO	17%	11%	72%	128	17%	10%	73%	288
RU	13%	24%	63%	217	12%	16%	71%	1,139
TR	12%	21%	67%	256	10%	18%	72%	490
TW	2%	27%	71%	330	2%	31%	67%	368
US	2%	17%	81%	10,922	4%	14%	82%	12,800
RW	18%	21%	61%	2,969	21%	18%	60%	7,578
<b>Non-EU</b>	<b>6%</b>	<b>20%</b>	<b>73%</b>	<b>24,830</b>	<b>11%</b>	<b>19%</b>	<b>70%</b>	<b>41,644</b>

P: primary; M: manufacturing; S: services

In 2014, the final demand of non-EU countries generated around 1,472bn EUR of value added in India, of which 67% was in the services sector.



### C.14. Non-EU value added by country generated by non-EU final demand by sector (2000, 2014; %)



In 2014, 70% of non-EU value added generated by non-EU final demand was in the services sector (down from 73% in 2000), 19% in the manufacturing sector (down from 20% in 2000) and 11% in primary industries (up from 6% in 2000).

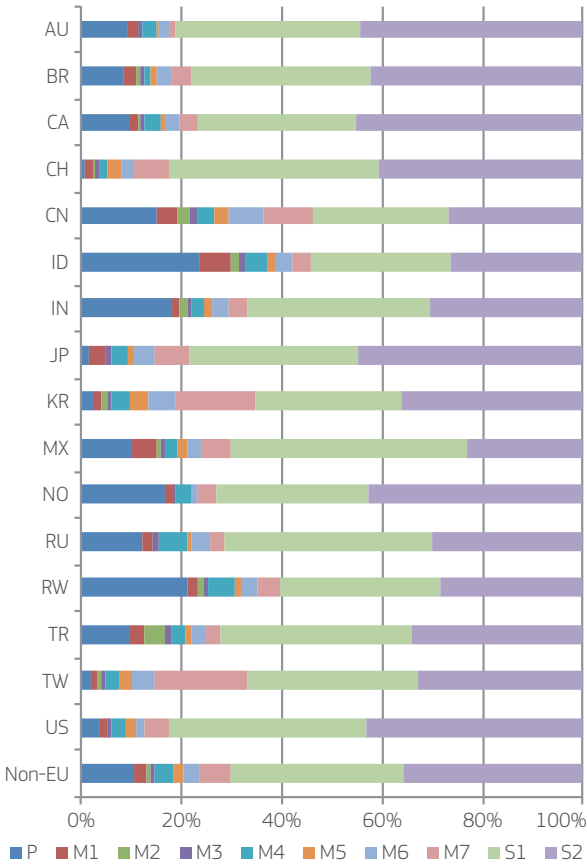
### C.15. Non-EU value added by country generated by non-EU final demand by industry (2014; % and bn EUR)

	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
AU	9.5%	1.8%	0.2%	0.7%	2.9%	0.6%	1.8%	1.5%	36.8%	44.3%	1,008
BR	8.6%	2.2%	1.1%	0.7%	1.3%	1.3%	2.5%	4.2%	35.6%	42.5%	1,534
CA	9.9%	1.6%	0.1%	1.2%	3.0%	0.8%	3.1%	3.4%	31.9%	45.0%	1,234
CH	0.8%	1.7%	0.2%	0.9%	1.5%	3.1%	2.3%	6.9%	41.9%	40.8%	442
CN	15.0%	4.1%	2.3%	1.7%	3.3%	2.9%	7.0%	10.0%	27.1%	26.6%	7,510
ID	23.6%	6.3%	1.5%	1.5%	4.4%	1.7%	3.1%	3.8%	27.7%	26.5%	639
IN	18.1%	1.4%	1.8%	0.9%	2.4%	1.6%	3.1%	4.1%	36.4%	30.3%	1,472
JP	1.6%	3.1%	0.3%	1.3%	3.0%	1.4%	3.9%	7.2%	33.6%	44.6%	3,295
KR	2.6%	1.3%	1.5%	0.8%	3.5%	3.8%	5.4%	15.6%	29.4%	36.1%	935
MX	10.1%	<b>5.1%</b>	0.8%	0.7%	2.8%	1.7%	2.9%	5.8%	47.1%	23.2%	<b>912</b>
NO	16.8%	1.5%	0.1%	0.5%	3.0%	0.2%	1.3%	3.3%	30.7%	42.5%	288
RU	12.1%	2.1%	0.3%	0.9%	5.8%	1.1%	3.5%	3.0%	41.4%	30.0%	1,139
TR	9.6%	3.2%	3.9%	1.0%	2.9%	1.3%	3.0%	2.6%	38.4%	34.0%	490
TW	2.0%	1.3%	0.9%	0.6%	3.1%	2.1%	4.7%	18.5%	33.7%	33.0%	368
US	3.8%	1.4%	0.2%	0.7%	2.8%	2.0%	1.9%	4.8%	39.3%	43.1%	12,800
RW	21.3%	2.0%	1.0%	0.8%	5.6%	1.3%	3.1%	4.4%	31.9%	28.5%	7,578
<b>Non-EU</b>	<b>10.6%</b>	<b>2.4%</b>	<b>0.9%</b>	<b>1.0%</b>	<b>3.5%</b>	<b>1.9%</b>	<b>3.5%</b>	<b>6.0%</b>	<b>34.5%</b>	<b>35.8%</b>	<b>41,644</b>

P: primary; M1: food, beverages, tobacco; M2: textiles; M3: wood, paper, printing; M4: energy; M5: chemicals; M6: other non-metallic and basic metals; M7: machinery and transport equipment; S1: transport, trade and business services; S2: other services.

In 2014, the final demand of non-EU countries generated 912bn EUR of value added in Mexico, of which 5% was in the food, beverages, tobacco industry (M1).

### C.15. Non-EU value added by country generated by non-EU final demand by industry (2014; %)



In 2014, 36% of the non-EU value added generated by non-EU final demand was in other services (S2), 35% in the transport, trade and business services industries (S1), 11% in the primary industries (P) and 6% in machinery and transport equipment industries (M7).

### C.16. Non-EU value added generated by non-EU final demand: inter-industry linkages (2000, 2014; bn EUR)

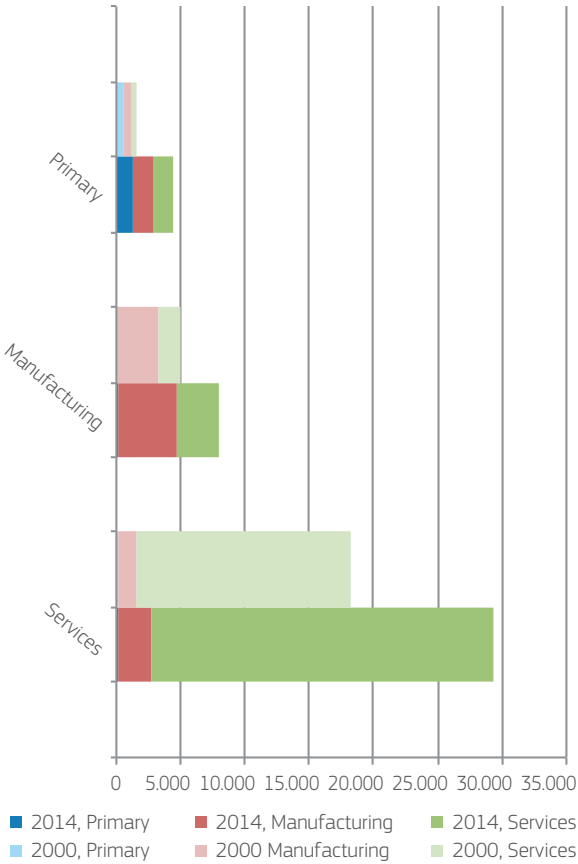
Value added in	Final producer (2000)											
	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total	
	P	563	261	41	8	125	22	21	79	98	356	1,573
	M1	13	459	4	0	1	2	1	7	15	93	595
	M2	1	3	189	1	1	1	1	15	11	34	257
	M3	4	22	6	43	4	4	4	39	69	149	343
	M4	17	31	15	3	271	12	13	66	107	281	818
	M5	15	22	20	3	7	138	11	50	32	162	459
	M6	10	36	10	3	13	9	132	222	74	382	889
	M7	10	21	11	3	16	7	10	1,194	126	276	1,673
	S1	94	288	104	22	128	73	67	583	5,446	2,139	8,944
	S2	13	42	16	4	28	11	11	91	382	8,680	9,279
Total	740	1,184	415	88	593	279	271	2,348	6,359	12,552	24,830	

Value added in	Final producer (2014)											
	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total	
	P	1,224	632	122	16	368	67	77	330	292	1,281	4,409
	M1	32	689	12	1	3	5	3	24	27	196	991
	M2	2	5	260	1	2	2	3	28	16	72	389
	M3	4	22	6	49	5	4	5	48	64	198	405
	M4	35	53	24	5	463	23	25	126	171	524	1,449
	M5	24	34	24	4	13	217	17	85	51	307	777
	M6	15	42	13	3	20	11	161	324	100	757	1,447
	M7	19	32	15	3	28	11	17	1,667	199	508	2,500
	S1	181	511	179	32	203	121	109	1,007	8,143	3,888	14,375
	S2	27	69	25	5	41	18	17	160	582	13,957	14,902
Total	1,564	2,090	681	121	1,144	479	433	3,799	9,645	21,688	41,644	

P: primary; M1: food, beverages, tobacco; M2: textiles; M3: wood, paper, printing; M4: energy; M5: chemicals; M6: other non-metallic and basic metals; M7: machinery and transport equipment; S1: transport, trade and business services; S2: other services.

In 2014, the non-EU final demand of products of the chemical industry (M5) generated around 121bn EUR of value added in the non-EU transport, trade and business services industries (S1).

### C.16. Non-EU value added generated by non-EU final demand: inter-industry linkages (2000, 2014; bn EUR)



In 2014, non-EU final demand generated 29,277bn EUR of value added in the services sector across non-EU, of which 26,570bn EUR were driven by the non-EU final demand of services and 2,497bn EUR were driven by the non-EU final demand of products of the manufacturing sector. Non-EU final demand generated 7,958bn EUR of value added in the manufacturing sector of the non-EU countries, of which 4,637bn EUR were driven by the non-EU final demand of products of the manufacturing sector and 3,190bn EUR depended on the non-EU final demand of services.



**D. By production factor**

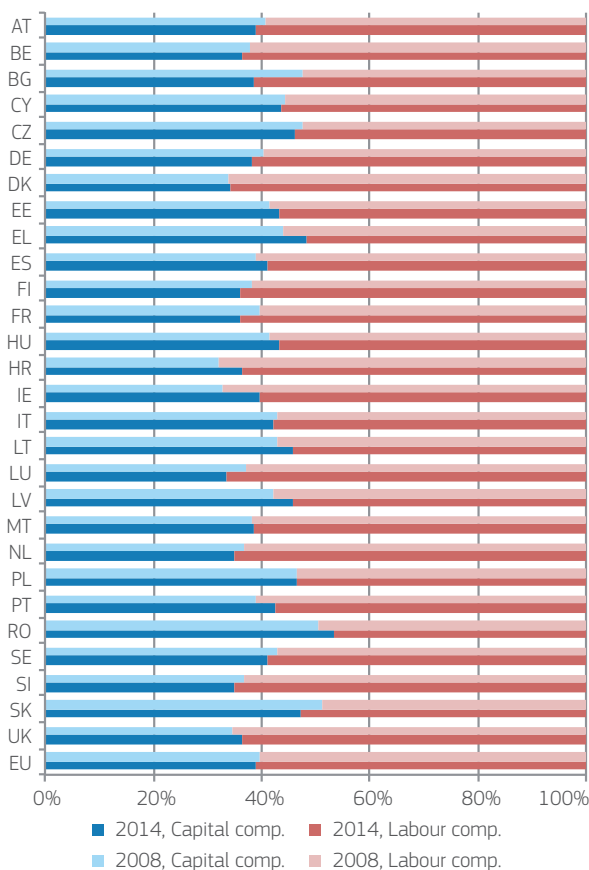
## D.1. EU value added generated by the final demand of each Member State by production factor (2008, 2014; % and bn EUR)

	2008					2014				
	Capital	Low	Medium	High	Total	Capital	Low	Medium	High	Total
AT	41%	6%	34%	19%	225	39%	5%	36%	21%	253
BE	38%	11%	24%	27%	262	36%	10%	27%	27%	283
BG	48%	6%	26%	20%	32	39%	5%	30%	26%	33
CY	44%	9%	22%	25%	17	44%	4%	26%	26%	14
CZ	48%	4%	33%	16%	124	46%	3%	34%	17%	111
DE	40%	6%	30%	24%	1,812	38%	4%	36%	22%	2,057
DK	34%	11%	29%	26%	171	34%	8%	30%	28%	183
EE	41%	6%	27%	26%	13	43%	4%	27%	26%	15
EL	44%	13%	22%	21%	215	48%	7%	21%	24%	149
ES	39%	19%	15%	27%	982	41%	13%	15%	31%	851
FI	38%	9%	25%	28%	140	36%	6%	24%	33%	156
FR	40%	11%	24%	25%	1,645	36%	8%	25%	30%	1,739
HR	32%	10%	36%	22%	39	36%	5%	32%	26%	32
HU	41%	5%	28%	25%	78	43%	4%	28%	25%	70
IE	33%	14%	24%	29%	119	39%	7%	22%	31%	101
IT	43%	16%	26%	15%	1,335	42%	13%	31%	14%	1,277
LT	43%	4%	26%	27%	26	46%	3%	21%	30%	25
LU	37%	12%	27%	23%	21	33%	8%	29%	29%	26
LV	42%	6%	29%	23%	21	46%	3%	26%	25%	18
MT	38%	23%	19%	19%	5	38%	18%	21%	23%	6
NL	37%	11%	25%	27%	441	35%	10%	28%	26%	415
PL	46%	4%	28%	21%	294	46%	3%	27%	24%	306
PT	39%	28%	13%	20%	159	42%	18%	16%	24%	143
RO	51%	5%	28%	17%	126	53%	4%	25%	17%	116
SE	43%	7%	28%	22%	252	41%	6%	26%	26%	319
SI	37%	7%	27%	29%	30	35%	5%	29%	30%	26
SK	51%	3%	30%	15%	52	47%	3%	34%	16%	55
UK	35%	17%	26%	23%	1,528	36%	14%	24%	26%	1,781
<b>EU</b>	<b>40%</b>	<b>12%</b>	<b>25%</b>	<b>23%</b>	<b>10,165</b>	<b>39%</b>	<b>9%</b>	<b>27%</b>	<b>25%</b>	<b>10,560</b>

In 2014, German final demand generated 2,057bn EUR of value added across the EU, of which 22% was high-skilled labour compensation.



### D.1. EU value added generated by the final demand of each Member State by production factor (2008, 2014; %)



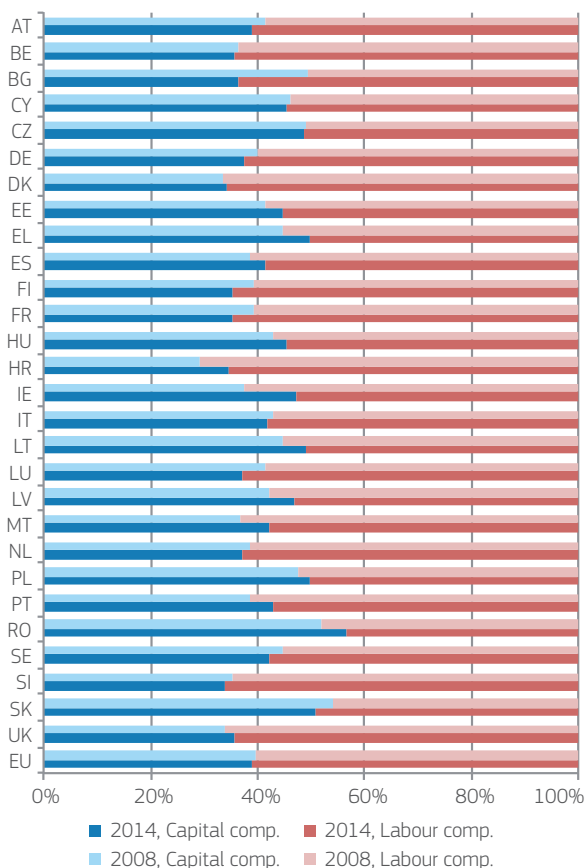
In 2014, capital compensation made up 39% of EU value added generated by EU final demand (40% in 2008). Medium-skilled labour compensation represented 27% (25% in 2008) of the EU value added generated by EU final demand, high-skilled 27% (up from 23% in 2008) and low-skilled 9% (down from 12% in 2008).

## D.2. EU value added by Member State generated by EU final demand by production factor (2008, 2014; % and bn EUR)

	2008					2014				
	Capital	Low	Medium	High	Total	Capital	Low	Medium	High	Total
AT	41%	5%	36%	18%	224	39%	4%	37%	<b>21%</b>	<b>247</b>
BE	36%	12%	24%	27%	268	36%	12%	26%	26%	289
BG	49%	5%	26%	20%	27	36%	5%	32%	27%	30
CY	46%	7%	20%	27%	15	45%	2%	25%	27%	13
CZ	49%	2%	35%	13%	130	49%	1%	36%	14%	117
DE	40%	5%	31%	25%	1,923	38%	3%	37%	22%	2,130
DK	33%	12%	29%	26%	170	34%	8%	30%	28%	182
EE	41%	5%	27%	27%	12	45%	3%	27%	25%	14
EL	45%	13%	21%	21%	190	50%	7%	19%	24%	136
ES	38%	20%	14%	28%	953	41%	14%	13%	32%	847
FI	39%	8%	24%	29%	139	35%	6%	24%	35%	149
FR	39%	11%	24%	26%	1,620	35%	8%	25%	31%	1,696
HR	29%	9%	39%	23%	35	35%	5%	33%	27%	29
HU	43%	4%	28%	25%	80	46%	3%	27%	25%	73
IE	38%	13%	21%	28%	124	47%	5%	18%	30%	113
IT	43%	17%	26%	14%	1,330	42%	14%	32%	13%	1,278
LT	45%	2%	26%	28%	24	49%	1%	18%	31%	24
LU	41%	10%	26%	23%	25	37%	6%	26%	30%	27
LV	42%	5%	29%	24%	19	47%	2%	25%	25%	17
MT	37%	30%	16%	17%	5	42%	20%	17%	21%	6
NL	39%	12%	24%	26%	476	37%	11%	27%	25%	476
PL	48%	3%	30%	20%	289	50%	1%	27%	22%	317
PT	39%	32%	10%	19%	142	43%	20%	15%	23%	131
RO	52%	3%	29%	16%	115	57%	3%	24%	16%	113
SE	45%	7%	28%	20%	250	42%	6%	26%	26%	309
SI	35%	7%	27%	31%	28	34%	5%	30%	32%	26
SK	54%	2%	31%	13%	52	51%	1%	34%	14%	57
UK	34%	17%	26%	23%	1,502	36%	15%	23%	27%	1,714
<b>EU</b>	<b>40%</b>	<b>12%</b>	<b>25%</b>	<b>23%</b>	<b>10,165</b>	<b>39%</b>	<b>9%</b>	<b>27%</b>	<b>25%</b>	<b>10,560</b>

In 2014, the final demand of the whole EU generated around 247bn EUR of value added in Austria, of which 21% was high-skilled labour compensation.

## D.2. EU value added by Member State generated by EU final demand by production factor (2008, 2014; %)



In 2014, capital compensation represented 39% of EU value added generated by EU final demand (down from 40% in 2008); medium-skilled labour compensation made up 27% (25% in 2008) of the total, high-skilled 25% (up from 23% in 2008) and low-skilled labour compensation 9% (down from 12% in 2008).

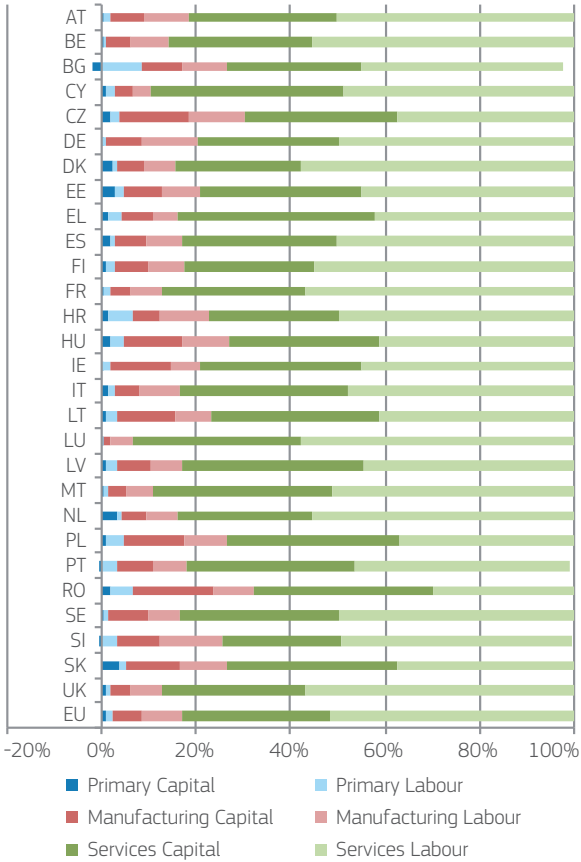
### D.3. EU value added by Member State generated by EU final demand by production factor and sector (2014; % and bn EUR)

	Primary				Manufacturing				Services				Total
	C	L	M	H	C	L	M	H	C	L	M	H	
AT	0.3%	0.2%	1.0%	0.3%	7.3%	0.5%	5.9%	2.7%	31.3%	3.3%	29.6%	<b>17.5%</b>	247
BE	0.3%	0.1%	0.2%	0.1%	5.4%	2.9%	3.3%	2.2%	30.0%	8.8%	23.0%	23.9%	289
BG	-2.3%	2.5%	5.2%	1.0%	9.0%	0.8%	6.6%	2.7%	29.8%	1.5%	20.2%	23.0%	30
CY	0.8%	0.5%	1.1%	0.2%	4.0%	0.3%	2.4%	1.0%	40.7%	1.6%	21.8%	25.7%	13
CZ	1.7%	0.1%	1.6%	0.3%	14.7%	0.5%	9.4%	2.2%	32.2%	0.8%	24.6%	11.9%	117
DE	0.2%	0.0%	0.4%	0.2%	7.6%	0.7%	7.2%	4.1%	29.9%	2.4%	29.7%	17.6%	2,130
DK	2.3%	0.2%	0.7%	0.2%	5.5%	1.2%	3.4%	2.2%	26.4%	6.7%	25.4%	25.9%	182
EE	2.6%	0.4%	1.3%	0.4%	8.1%	0.8%	5.1%	2.5%	34.1%	2.1%	20.3%	22.4%	14
EL	1.5%	1.5%	1.1%	0.2%	6.6%	1.3%	2.8%	1.2%	41.6%	4.3%	15.5%	22.4%	136
ES	1.8%	0.5%	0.2%	0.2%	6.8%	2.2%	1.7%	3.6%	32.8%	10.9%	11.2%	28.1%	847
FI	1.0%	0.3%	0.8%	0.6%	7.0%	0.8%	3.3%	3.9%	27.4%	5.1%	19.6%	30.3%	149
FR	0.6%	0.2%	0.6%	0.2%	4.2%	0.9%	2.8%	3.1%	30.5%	7.2%	21.5%	28.1%	1,696
HR	1.4%	1.9%	2.6%	0.6%	5.6%	0.9%	7.3%	2.4%	27.5%	2.0%	23.5%	24.3%	29
HU	1.7%	0.5%	1.9%	0.6%	12.2%	0.8%	6.0%	3.4%	31.7%	1.7%	18.8%	20.8%	73
IE	0.0%	0.6%	0.9%	0.4%	12.9%	0.6%	2.4%	2.9%	34.3%	4.1%	14.6%	26.2%	113
IT	1.3%	0.6%	0.6%	0.1%	5.2%	3.0%	4.6%	1.2%	35.3%	9.9%	26.8%	11.3%	1,278
LT	0.8%	0.3%	1.5%	0.6%	12.3%	0.2%	4.0%	3.1%	36.0%	0.5%	12.8%	27.7%	24
LU	0.0%	0.0%	0.2%	0.0%	1.4%	0.7%	2.2%	2.0%	35.7%	5.7%	23.8%	28.1%	27
LV	1.0%	0.3%	1.3%	0.5%	7.4%	0.6%	4.0%	1.8%	38.3%	1.6%	20.1%	23.0%	17
MT	0.6%	0.6%	0.1%	0.1%	3.6%	2.9%	2.0%	1.0%	37.7%	16.7%	14.4%	20.2%	6
NL	3.1%	0.4%	0.5%	0.2%	5.4%	2.2%	2.5%	1.6%	28.6%	8.8%	23.5%	23.1%	476
PL	0.8%	0.3%	3.3%	0.5%	12.5%	0.4%	7.4%	1.6%	36.4%	0.7%	16.4%	19.8%	317
PT	-0.7%	2.8%	0.3%	0.2%	7.5%	3.8%	2.3%	1.2%	36.0%	13.3%	11.9%	21.3%	131
RO	1.8%	1.1%	2.9%	1.0%	17.1%	0.7%	6.0%	1.8%	37.7%	1.4%	15.5%	13.0%	113
SE	0.5%	0.2%	0.6%	0.2%	8.5%	0.9%	4.1%	1.8%	33.4%	4.9%	21.1%	23.9%	309
SI	-0.4%	1.2%	1.7%	0.5%	9.1%	1.3%	7.4%	4.5%	25.3%	2.1%	20.6%	26.7%	26
SK	3.7%	0.1%	1.1%	0.1%	11.4%	0.2%	8.4%	1.5%	35.8%	0.9%	24.7%	12.0%	57
UK	1.0%	0.3%	0.3%	0.2%	4.2%	1.8%	2.8%	2.1%	30.3%	12.5%	19.8%	24.7%	1,714
<b>EU</b>	<b>0.9%</b>	<b>0.3%</b>	<b>0.6%</b>	<b>0.2%</b>	<b>6.4%</b>	<b>1.5%</b>	<b>4.3%</b>	<b>2.7%</b>	<b>31.6%</b>	<b>7.2%</b>	<b>22.6%</b>	<b>21.7%</b>	<b>10,560</b>

C: capital compensation; H: labour compensation to high-skilled labour;  
M: labour compensation to medium-skilled labour; L: labour compensation  
to low-skilled labour

In 2014, 17.5% of the value added generated in Austria by EU final demand corresponded to compensation to high-skilled labour in the services sector.

### D.3. EU value added by Member State generated by EU final demand by production factor and sector (2014; %)



In 2014, 31.6% of the EU value added generated by EU final demand was capital compensation in the services sector, 22.6% was medium-skilled labour compensation in the services sector, 21.7% was high-skilled labour compensation in the services sector, 7.2% was low-skilled labour compensation in the services sector and 6.4% was capital compensation in the manufacturing sector.



E. By gender

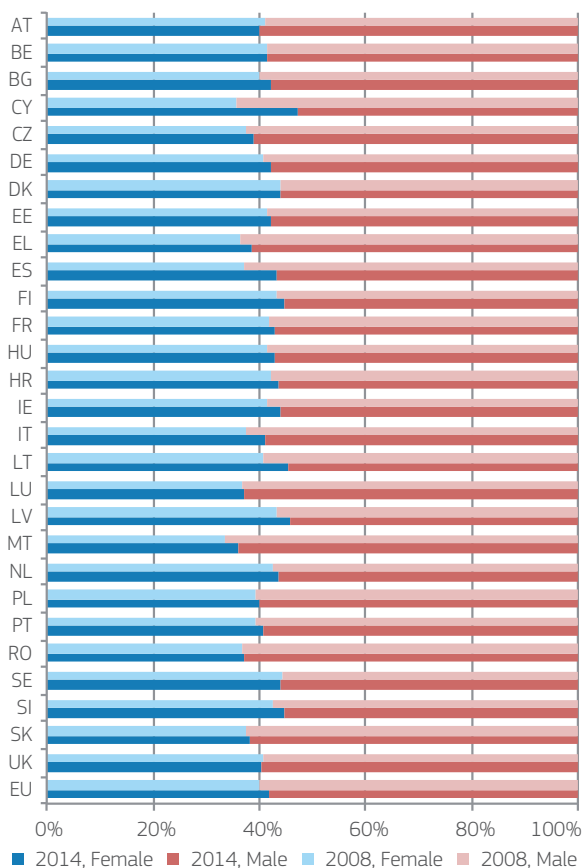
### E.1. EU labour compensation generated by the final demand of each Member State by gender (2008, 2014; % and bn EUR)

	2008			2014		
	Female	Male	Total	Female	Male	Total
AT	41%	59%	133	40%	60%	155
BE	42%	58%	163	41%	59%	181
BG	40%	60%	17	42%	58%	20
CY	36%	64%	9	47%	53%	8
CZ	37%	63%	65	39%	61%	60
DE	41%	59%	1,081	42%	58%	1,271
DK	44%	56%	113	44%	56%	120
EE	42%	58%	8	42%	58%	8
EL	36%	64%	121	38%	62%	77
ES	37%	63%	601	43%	57%	501
FI	43%	57%	86	45%	55%	100
FR	42%	58%	995	43%	57%	1,112
HR	42%	58%	27	43%	57%	20
HU	41%	59%	46	43%	57%	40
IE	41%	59%	80	44%	56%	61
IT	37%	63%	762	41%	59%	740
LT	41%	59%	15	45%	55%	14
LU	37%	63%	13	37%	63%	17
LV	43%	57%	12	46%	54%	10
MT	33%	67%	3	36%	64%	4
NL	42%	58%	280	44%	56%	269
PL	39%	61%	157	40%	60%	164
PT	39%	61%	97	41%	59%	82
RO	37%	63%	62	37%	63%	54
SE	44%	56%	144	44%	56%	187
SI	43%	57%	19	45%	55%	17
SK	38%	62%	25	38%	62%	29
UK	41%	59%	998	40%	60%	1,132
<b>EU</b>	<b>40%</b>	<b>60%</b>	<b>6,133</b>	<b>42%</b>	<b>58%</b>	<b>6,452</b>

In 2014, German final demand generated 1,271bn EUR of labour compensation across the EU, of which 42% was labour compensation of female workers.



### E.1. EU labour compensation generated by the final demand of each Member State by gender (2008, 2014; %)



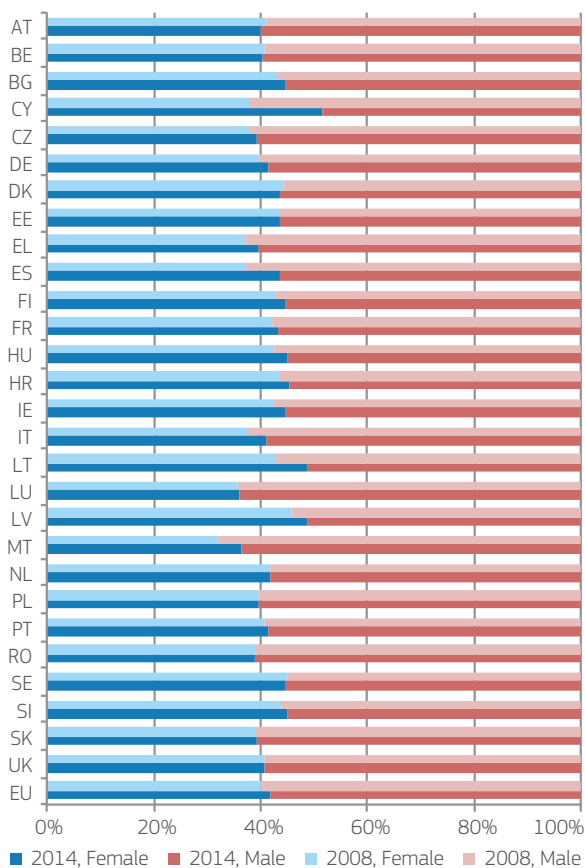
*In 2014, male workers made up 58% of EU labour compensation generated by EU final demand (down from 60% as in 2008). Male labour compensation was dominant in the final demand of all Member States.*

## E.2. EU labour compensation by Member State generated by EU final demand by gender (2008, 2014; % and bn EUR)

	2008			2014		
	Female	Male	Total	Female	Male	Total
AT	41%	59%	132	<b>40%</b>	60%	<b>151</b>
BE	41%	59%	170	40%	60%	186
BG	43%	57%	14	45%	55%	19
CY	38%	62%	8	51%	49%	7
CZ	38%	62%	66	39%	61%	60
DE	40%	60%	1,153	41%	59%	1,329
DK	44%	56%	113	44%	56%	120
EE	44%	56%	7	44%	56%	8
EL	37%	63%	105	40%	60%	68
ES	37%	63%	586	44%	56%	496
FI	43%	57%	85	45%	55%	96
FR	42%	58%	986	43%	57%	1,097
HR	44%	56%	25	45%	55%	19
HU	43%	57%	46	45%	55%	40
IE	42%	58%	77	45%	55%	60
IT	37%	63%	759	41%	59%	744
LT	43%	57%	13	49%	51%	12
LU	36%	64%	14	36%	64%	17
LV	46%	54%	11	49%	51%	9
MT	32%	68%	3	36%	64%	3
NL	42%	58%	292	42%	58%	299
PL	40%	60%	151	40%	60%	160
PT	41%	59%	87	42%	58%	75
RO	39%	61%	55	39%	61%	49
SE	45%	55%	139	45%	55%	178
SI	44%	56%	18	45%	55%	17
SK	39%	61%	24	39%	61%	28
UK	41%	59%	993	41%	59%	1,106
<b>EU</b>	<b>40%</b>	<b>60%</b>	<b>6,133</b>	<b>42%</b>	<b>58%</b>	<b>6,452</b>

In 2014, the final of the whole EU generated around 151bn EUR of labour compensation in Austria, of which 40% was labour compensation of female workers.

## E.2. EU labour compensation by Member State generated by EU final demand by gender (2008, 2014; %)



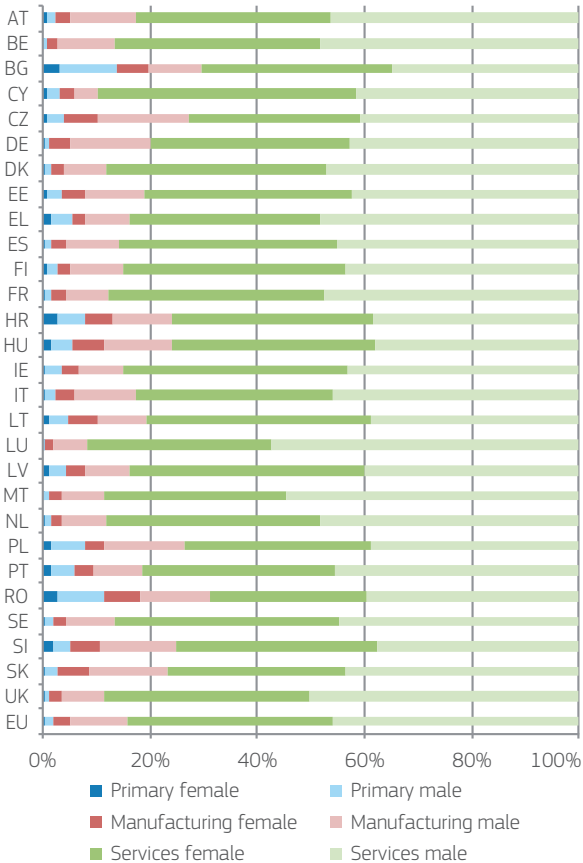
*In 2014, male workers made up 58% of EU labour compensation generated by EU final demand (down from 60% as in 2008). In all Member States except Cyprus (49%) male workers accounted for more than 50% of the labour compensation generated by EU final demand.*

### E.3. EU labour compensation by Member State generated by EU final demand by gender and sector (2014; % and bn EUR)

	Primary		Manufacturing		Services		Total
	Female	Male	Female	Male	Female	Male	
AT	0.8%	1.6%	2.7%	12.3%	<b>36.4%</b>	46.2%	<b>151</b>
BE	0.1%	0.5%	2.1%	10.8%	38.0%	48.5%	186
BG	3.2%	10.6%	5.9%	10.0%	35.5%	34.8%	19
CY	0.8%	2.5%	2.5%	4.3%	48.2%	41.7%	7
CZ	0.7%	3.1%	6.6%	17.0%	31.8%	40.8%	60
DE	0.2%	0.8%	4.1%	15.0%	37.1%	42.7%	1,329
DK	0.3%	1.4%	2.4%	7.9%	41.0%	47.0%	120
EE	0.8%	3.0%	4.2%	10.9%	38.8%	42.4%	8
EL	1.6%	4.0%	2.3%	8.2%	35.6%	48.2%	68
ES	0.3%	1.1%	2.7%	10.1%	40.5%	45.2%	496
FI	0.6%	2.0%	2.6%	9.8%	41.6%	43.5%	96
FR	0.5%	1.3%	2.7%	7.8%	40.3%	47.6%	1,097
HR	2.6%	5.1%	5.3%	10.9%	37.5%	38.6%	19
HU	1.4%	4.2%	5.8%	12.8%	37.8%	38.0%	40
IE	0.4%	3.4%	2.8%	8.4%	41.7%	43.4%	60
IT	0.5%	1.7%	3.8%	11.4%	36.7%	45.9%	744
LT	1.4%	3.5%	5.3%	9.3%	41.9%	38.7%	12
LU	0.1%	0.4%	1.3%	6.5%	34.5%	57.2%	17
LV	1.1%	3.1%	3.8%	8.2%	43.7%	40.2%	9
MT	0.2%	1.1%	2.2%	7.9%	33.8%	54.7%	3
NL	0.4%	1.4%	1.6%	8.4%	39.7%	48.5%	299
PL	1.8%	6.3%	3.3%	15.3%	34.7%	38.7%	160
PT	1.8%	4.0%	3.8%	9.0%	36.0%	45.4%	75
RO	2.9%	8.4%	6.8%	13.1%	29.3%	39.6%	49
SE	0.3%	1.5%	2.7%	9.0%	41.6%	44.9%	178
SI	2.0%	3.1%	5.7%	14.2%	37.2%	37.8%	17
SK	0.5%	2.2%	5.9%	14.8%	33.1%	43.6%	28
UK	0.3%	1.0%	2.3%	7.9%	38.1%	50.3%	1,106
<b>EU</b>	<b>0.5%</b>	<b>1.5%</b>	<b>3.1%</b>	<b>10.6%</b>	<b>38.3%</b>	<b>46.0%</b>	<b>6,452</b>

In 2014, the final demand of the whole EU generated around 151bn EUR of labour compensation in Austria, of which 36.4% corresponded to female workers in the services sector.

### E.3. EU labour compensation by Member State generated by EU final demand by gender and sector (2014; %)



In 2014, 46% of EU labour compensation generated by EU final demand was compensation of male workers in the services sector, 38.3% was female workers compensation in the services sector, 10.6% was male workers compensation in the manufacturing sector and 3.1% female workers compensation in the manufacturing sector.



**F. By final destination**

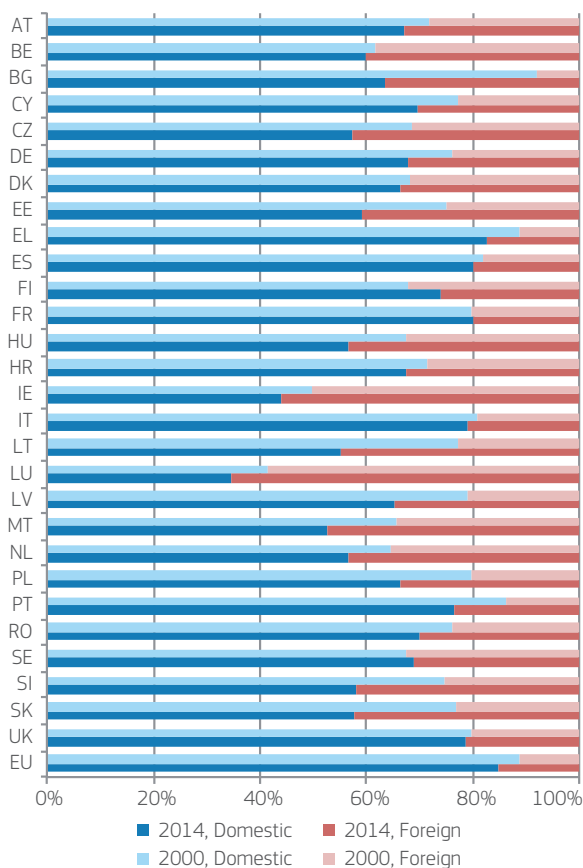
### F.1. EU value added by Member State generated by final demand by destination (2000, 2014; % and bn EUR)

	2000			2014		
	Domestic	Foreign	Total	Domestic	Foreign	Total
AT	72%	28%	190	67%	33%	293
BE	62%	38%	230	60%	40%	358
BG	92%	8%	13	63%	37%	37
CY	77%	23%	10	69%	31%	16
CZ	69%	31%	61	57%	43%	140
DE	76%	24%	1,909	68%	32%	2,623
DK	68%	32%	154	66%	34%	226
EE	75%	25%	5	59%	41%	18
EL	89%	11%	128	83%	17%	157
ES	82%	18%	586	80%	20%	948
FI	68%	32%	119	74%	26%	177
FR	80%	20%	1,333	80%	20%	1,910
HR	71%	29%	20	67%	33%	36
HU	67%	33%	44	57%	43%	88
IE	50%	50%	97	44%	56%	171
IT	81%	19%	1,111	79%	21%	1,449
LT	77%	23%	11	55%	45%	33
LU	41%	59%	21	35%	65%	44
LV	79%	21%	8	65%	35%	21
MT	66%	34%	4	53%	47%	7
NL	64%	36%	402	57%	43%	597
PL	79%	21%	165	66%	34%	365
PT	86%	14%	113	76%	24%	152
RO	76%	24%	37	70%	30%	133
SE	68%	32%	249	69%	31%	382
SI	75%	25%	19	58%	42%	32
SK	77%	23%	20	58%	<b>42%</b>	<b>69</b>
UK	80%	20%	1,502	79%	21%	2,007
<b>EU</b>	<b>89%</b>	<b>11%</b>	<b>8,560</b>	<b>85%</b>	<b>15%</b>	<b>12,488</b>

In 2014, around 69bn EUR of value added were generated in Slovakia, of which 42% was generated by foreign final demand. The rest were linked to Slovakian final demand.



## F.1. EU value added by Member State generated by final demand by destination (2000, 2014; %)



*In 2014, 85% of the total value added of the EU was linked to the final demand of EU Member States (89% in 2000), while 15% was generated by the final demand of non-EU countries (11% in 2000). In Ireland and Luxembourg more than 50% of the value added is generated by the final demand of other countries. In Greece, Spain and France at least 80% of the value added is generated by their own final demand.*



# G. Country factsheets

## Austria

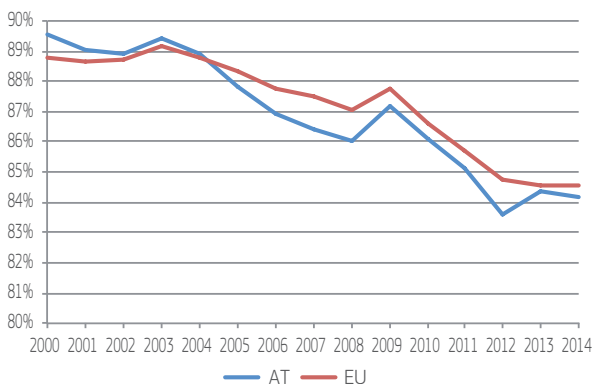


Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	3,756	4,268	226,884	2%
Value added	bn EUR	190	293	12,488	2%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	73	57	3,711	2%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	5,263	5,758	286,551	2%
Value added	bn EUR	187	282	11,984	2%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	89	80	4,328	2%

**Share of total value added in Austria and in the EU generated by EU final demand, 2000-2014 (%)**



## Austria



EU value added generated by the final demand of Austria				2000	2014	EU 2014
C.1	by sector of final demand	Primary		1%	1%	1%
		Manufacturing		20%	17%	16%
		Services		78%	82%	83%
D.1	by factor*	Capital comp.		41%	39%	39%
		Low skill comp.		6%	5%	9%
		Medium skill comp.		34%	36%	27%
		High skill comp.		19%	21%	25%
E.1	by gender*	Female		41%	40%	42%
		Male		59%	60%	58%
Value added in Austria generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		2%	2%	2%
		Manufacturing		21%	16%	15%
		Services		77%	82%	83%
D.2	by factor*	Capital comp.		41%	39%	39%
		Low skill comp.		5%	4%	9%
		Medium skill comp.		36%	37%	27%
		High skill comp.		18%	21%	25%
E.2	by gender*	Female		41%	40%	42%
		Male		59%	60%	58%
F.1	by final destination**	Domestic		72%	67%	85%
		Foreign		28%	33%	15%
Non-EU value added generated by the final demand of Austria				2000	2014	EU 2014
C.6	by sector of final demand	Primary		2%	2%	3%
		Manufacturing		53%	53%	53%
		Services		45%	45%	45%
Value added in Austria generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		2%	2%	3%
		Manufacturing		49%	46%	38%
		Services		49%	52%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Belgium

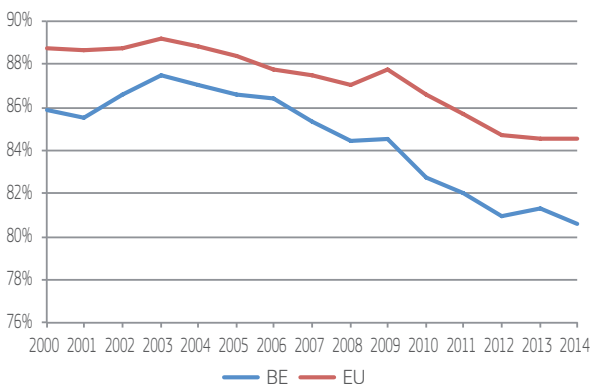


		Production perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	4,109	4,550	226,884	2%
Value added	bn EUR	230	358	12,488	3%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	132	98	3,711	3%

		Consumption perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	7,607	7,845	286,551	3%
Value added	bn EUR	221	343	11,984	3%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	146	138	4,328	3%

**Share of total value added in Belgium and in the EU generated by EU final demand, 2000-2014 (%)**



## Belgium



EU value added generated by the final demand of Belgium				2000	2014	EU 2014
C.1	by sector of final demand	Primary		1%	1%	1%
		Manufacturing		21%	14%	16%
		Services		78%	85%	83%
D.1	by factor*	Capital comp.		38%	36%	39%
		Low skill comp.		11%	10%	9%
		Medium skill comp.		24%	27%	27%
		High skill comp.		27%	27%	25%
E.1	by gender*	Female		42%	41%	42%
		Male		58%	59%	58%
Value added in Belgium generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		1%	1%	2%
		Manufacturing		20%	14%	15%
		Services		79%	86%	83%
D.2	by factor*	Capital comp.		36%	36%	39%
		Low skill comp.		12%	12%	9%
		Medium skill comp.		24%	26%	27%
		High skill comp.		27%	26%	25%
E.2	by gender*	Female		41%	40%	42%
		Male		59%	60%	58%
F.1	by final destination**	Domestic		62%	60%	85%
		Foreign		38%	40%	15%
Non-EU value added generated by the final demand of Belgium				2000	2014	EU 2014
C.6	by sector of final demand	Primary		3%	1%	3%
		Manufacturing		56%	42%	53%
		Services		41%	57%	45%
Value added in Belgium generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		2%	1%	3%
		Manufacturing		38%	28%	38%
		Services		60%	71%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

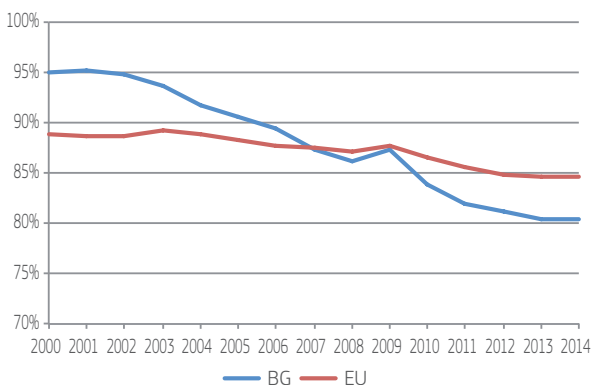
## Bulgaria



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	3,319	3,600	226,884	2%
Value added	bn EUR	13	37	12,488	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	50	45	3,711	1%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	3,428	2,833	286,551	1%
Value added	bn EUR	16	40	11,984	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	52	37	4,328	1%

**Share of total value added in Bulgaria and in the EU generated by EU final demand, 2000-2014 (%)**





## Bulgaria



EU value added generated by the final demand of Bulgaria			2000	2014	EU 2014
C.1	by sector of final demand	Primary	10%	4%	1%
		Manufacturing	33%	29%	16%
		Services	57%	67%	83%
D.1	by factor*	Capital comp.	48%	39%	39%
		Low skill comp.	6%	5%	9%
		Medium skill comp.	26%	30%	27%
		High skill comp.	20%	26%	25%
E.1	by gender*	Female	40%	42%	42%
		Male	60%	58%	58%
Value added in Bulgaria generated by EU final demand			2000	2014	EU 2014
C.3	by sector	Primary	14%	6%	2%
		Manufacturing	19%	19%	15%
		Services	67%	74%	83%
D.2	by factor*	Capital comp.	49%	36%	39%
		Low skill comp.	5%	5%	9%
		Medium skill comp.	26%	32%	27%
		High skill comp.	20%	27%	25%
E.2	by gender*	Female	43%	45%	42%
		Male	57%	55%	58%
F.1	by final destination**	Domestic	92%	63%	85%
		Foreign	8%	37%	15%
Non-EU value added generated by the final demand of Bulgaria			2000	2014	EU 2014
C.6	by sector of final demand	Primary	5%	4%	3%
		Manufacturing	63%	58%	53%
		Services	31%	37%	45%
Value added in Bulgaria generated by non-EU final demand			2000	2014	EU 2014
C.11	by sector	Primary	14%	14%	3%
		Manufacturing	24%	24%	38%
		Services	61%	62%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Croatia



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	1,598	1,570	226,884	1%
Value added	bn EUR	20	36	12,488	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	20	18	3,711	0%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	1,527	1,495	286,551	1%
Value added	bn EUR	20	36	11,984	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	21	20	4,328	0%

**Share of total value added in Croatia and in the EU generated by EU final demand, 2000-2014 (%)**



## Croatia



EU value added generated by the final demand of Croatia				2000	2014	EU 2014
C.1	by sector of final demand	Primary		8%	5%	1%
		Manufacturing		33%	25%	16%
		Services		60%	70%	83%
D.1	by factor*	Capital comp.		32%	36%	39%
		Low skill comp.		10%	5%	9%
		Medium skill comp.		36%	32%	27%
		High skill comp.		22%	26%	25%
E.1	by gender*	Female		42%	43%	42%
		Male		58%	57%	58%
Value added in Croatia generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		10%	6%	2%
		Manufacturing		21%	16%	15%
		Services		69%	77%	83%
D.2	by factor*	Capital comp.		29%	35%	39%
		Low skill comp.		9%	5%	9%
		Medium skill comp.		39%	33%	27%
		High skill comp.		23%	27%	25%
E.2	by gender*	Female		44%	45%	42%
		Male		56%	55%	58%
F.1	by final destination**	Domestic		71%	67%	85%
		Foreign		29%	33%	15%
Non-EU value added generated by the final demand of Croatia				2000	2014	EU 2014
C.6	by sector of final demand	Primary		11%	7%	3%
		Manufacturing		46%	52%	53%
		Services		42%	41%	45%
Value added in Croatia generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		8%	10%	3%
		Manufacturing		22%	28%	38%
		Services		70%	62%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

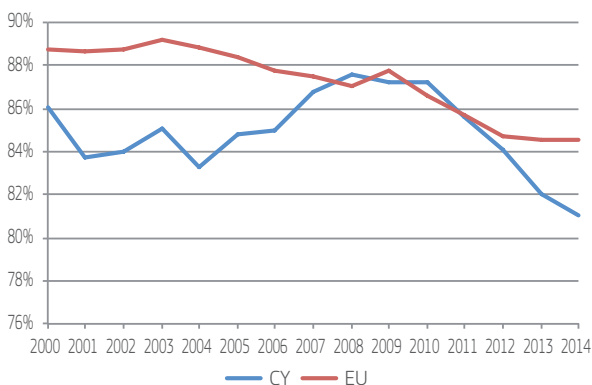
## Cyprus



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	316	358	226,884	0%
Value added	bn EUR	10	16	12,488	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	8	7	3,711	0%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	560	530	286,551	0%
Value added	bn EUR	12	17	11,984	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	9	10	4,328	0%

**Share of total value added in Cyprus and in the EU generated by EU final demand, 2000-2014 (%)**



## Cyprus



EU value added generated by the final demand of Cyprus			2000	2014	EU 2014
C.1	by sector of final demand	Primary	2%	2%	1%
		Manufacturing	21%	17%	16%
		Services	77%	82%	83%
D.1	by factor*	Capital comp.	44%	44%	39%
		Low skill comp.	9%	4%	9%
		Medium skill comp.	22%	26%	27%
		High skill comp.	25%	26%	25%
E.1	by gender*	Female	36%	47%	42%
		Male	64%	53%	58%
Value added in Cyprus generated by EU final demand			2000	2014	EU 2014
C.3	by sector	Primary	4%	3%	2%
		Manufacturing	11%	8%	15%
		Services	85%	90%	83%
D.2	by factor*	Capital comp.	46%	45%	39%
		Low skill comp.	7%	2%	9%
		Medium skill comp.	20%	25%	27%
		High skill comp.	27%	27%	25%
E.2	by gender*	Female	38%	51%	42%
		Male	62%	49%	58%
F.1	by final destination**	Domestic	77%	69%	85%
		Foreign	23%	31%	15%
Non-EU value added generated by the final demand of Cyprus			2000	2014	EU 2014
C.6	by sector of final demand	Primary	2%	2%	3%
		Manufacturing	60%	54%	53%
		Services	38%	44%	45%
Value added in Cyprus generated by non-EU final demand			2000	2014	EU 2014
C.11	by sector	Primary	2%	2%	3%
		Manufacturing	10%	9%	38%
		Services	88%	89%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

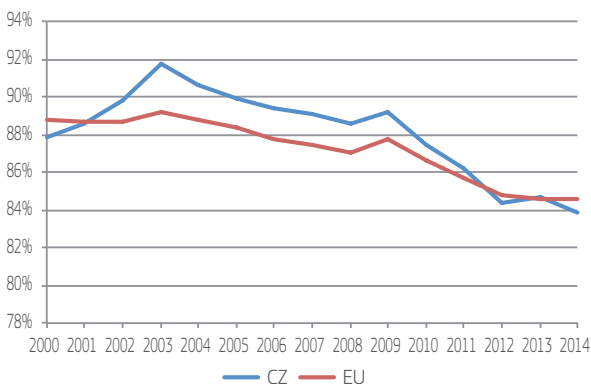
## Czech Republic



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	4,859	5,109	226,884	2%
Value added	bn EUR	61	140	12,488	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	134	96	3,711	3%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	4,468	4,636	286,551	2%
Value added	bn EUR	62	129	11,984	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	108	86	4,328	2%

### Share of total value added in the Czech Republic and in the EU generated by EU final demand, 2000-2014 (%)



## Czech Republic



EU value added generated by the final demand of the Czech Republic			2000	2014	EU 2014
C.1	by sector of final demand	Primary	2%	2%	1%
		Manufacturing	30%	24%	16%
		Services	67%	74%	83%
D.1	by factor*	Capital comp.	48%	46%	39%
		Low skill comp.	4%	3%	9%
		Medium skill comp.	33%	34%	27%
		High skill comp.	16%	17%	25%
E.1	by gender*	Female	37%	39%	42%
		Male	63%	61%	58%
Value added in the Czech Republic generated by EU final demand			2000	2014	EU 2014
C.3	by sector	Primary	5%	4%	2%
		Manufacturing	28%	27%	15%
		Services	67%	69%	83%
D.2	by factor*	Capital comp.	49%	49%	39%
		Low skill comp.	2%	1%	9%
		Medium skill comp.	35%	36%	27%
		High skill comp.	13%	14%	25%
E.2	by gender*	Female	38%	39%	42%
		Male	62%	61%	58%
F.1	by final destination**	Domestic	69%	57%	85%
		Foreign	31%	43%	15%
Non-EU value added generated by the final demand of the Czech Republic			2000	2014	EU 2014
C.6	by sector of final demand	Primary	2%	2%	3%
		Manufacturing	54%	59%	53%
		Services	45%	39%	45%
Value added in the Czech Republic generated by non-EU final demand			2000	2014	EU 2014
C.11	by sector	Primary	4%	3%	3%
		Manufacturing	38%	56%	38%
		Services	58%	41%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

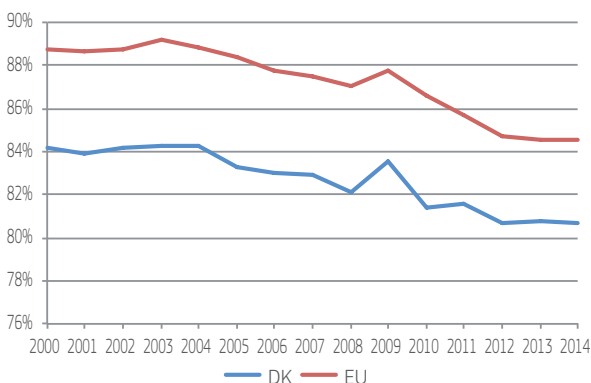
## Denmark



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	2,736	2,765	226,884	1%
Value added	bn EUR	154	226	12,488	2%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	77	71	3,711	2%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	4,285	4,033	286,551	1%
Value added	bn EUR	139	207	11,984	2%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	65	58	4,328	1%

**Share of total value added in Denmark and in the EU generated by EU final demand, 2000-2014 (%)**





## Denmark



EU value added generated by the final demand of Denmark			2000	2014	EU 2014
C.1	by sector of final demand	Primary	1%	1%	1%
		Manufacturing	16%	14%	16%
		Services	83%	86%	83%
D.1	by factor*	Capital comp.	34%	34%	39%
		Low skill comp.	11%	8%	9%
		Medium skill comp.	29%	30%	27%
		High skill comp.	26%	28%	25%
E.1	by gender*	Female	44%	44%	42%
		Male	56%	56%	58%
Value added in Denmark generated by EU final demand			2000	2014	EU 2014
C.3	by sector	Primary	5%	3%	2%
		Manufacturing	16%	12%	15%
		Services	79%	84%	83%
D.2	by factor*	Capital comp.	33%	34%	39%
		Low skill comp.	12%	8%	9%
		Medium skill comp.	29%	30%	27%
		High skill comp.	26%	28%	25%
E.2	by gender*	Female	44%	44%	42%
		Male	56%	56%	58%
F.1	by final destination**	Domestic	68%	66%	85%
		Foreign	32%	34%	15%
Non-EU value added generated by the final demand of Denmark			2000	2014	EU 2014
C.6	by sector of final demand	Primary	1%	1%	3%
		Manufacturing	49%	44%	53%
		Services	49%	55%	45%
Value added in Denmark generated by non-EU final demand			2000	2014	EU 2014
C.11	by sector	Primary	10%	7%	3%
		Manufacturing	34%	30%	38%
		Services	56%	63%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

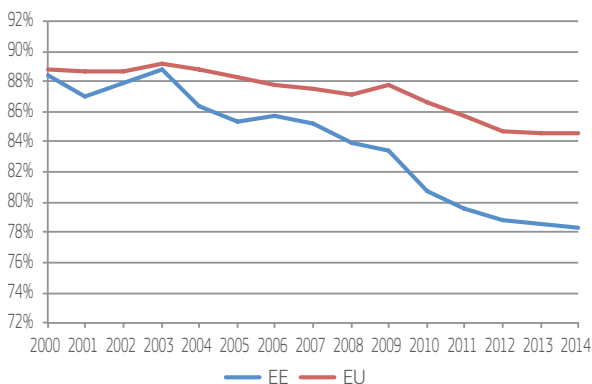
## Estonia



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	589	619	226,884	0%
Value added	bn EUR	5	18	12,488	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	15	20	3,711	1%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	686	685	286,551	0%
Value added	bn EUR	7	18	11,984	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	16	16	4,328	0%

**Share of total value added in Estonia and in the EU generated by EU final demand, 2000-2014 (%)**



## Estonia



EU value added generated by the final demand of Estonia					
			2000	2014	EU 2014
C.1	by sector of final demand	Primary	3%	2%	1%
		Manufacturing	27%	22%	16%
		Services	71%	76%	83%
D.1	by factor*	Capital comp.	41%	43%	39%
		Low skill comp.	6%	4%	9%
		Medium skill comp.	27%	27%	27%
		High skill comp.	26%	26%	25%
E.1	by gender*	Female	42%	42%	42%
		Male	58%	58%	58%
Value added in Estonia generated by EU final demand					
			2000	2014	EU 2014
C.3	by sector	Primary	6%	5%	2%
		Manufacturing	20%	16%	15%
		Services	75%	79%	83%
D.2	by factor*	Capital comp.	41%	45%	39%
		Low skill comp.	5%	3%	9%
		Medium skill comp.	27%	27%	27%
		High skill comp.	27%	25%	25%
E.2	by gender*	Female	44%	44%	42%
		Male	56%	56%	58%
F.1	by final destination**	Domestic	75%	59%	85%
		Foreign	25%	41%	15%
Non-EU value added generated by the final demand of Estonia					
			2000	2014	EU 2014
C.6	by sector of final demand	Primary	3%	3%	3%
		Manufacturing	59%	58%	53%
		Services	39%	39%	45%
Value added in Estonia generated by non-EU final demand					
			2000	2014	EU 2014
C.11	by sector	Primary	7%	6%	3%
		Manufacturing	29%	34%	38%
		Services	64%	60%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Finland



		Production perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	2,298	2,499	226,884	1%
Value added	bn EUR	119	177	12,488	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	68	51	3,711	1%

		Consumption perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	3,021	3,433	286,551	1%
Value added	bn EUR	105	176	11,984	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	65	57	4,328	1%

**Share of total value added in Finland and in the EU generated by EU final demand, 2000-2014 (%)**



## Finland



EU value added generated by the final demand of Finland					
			2000	2014	EU 2014
C.1	by sector of final demand	Primary	2%	1%	1%
		Manufacturing	17%	13%	16%
		Services	82%	86%	83%
D.1	by factor*	Capital comp.	38%	36%	39%
		Low skill comp.	9%	6%	9%
		Medium skill comp.	25%	24%	27%
		High skill comp.	28%	33%	25%
E.1	by gender*	Female	43%	45%	42%
		Male	57%	55%	58%
Value added in Finland generated by EU final demand					
			2000	2014	EU 2014
C.3	by sector	Primary	3%	3%	2%
		Manufacturing	24%	15%	15%
		Services	72%	82%	83%
D.2	by factor*	Capital comp.	39%	35%	39%
		Low skill comp.	8%	6%	9%
		Medium skill comp.	24%	24%	27%
		High skill comp.	29%	35%	25%
E.2	by gender*	Female	43%	45%	42%
		Male	57%	55%	58%
F.1	by final destination**	Domestic	68%	74%	85%
		Foreign	32%	26%	15%
Non-EU value added generated by the final demand of Finland					
			2000	2014	EU 2014
C.6	by sector of final demand	Primary	2%	2%	3%
		Manufacturing	47%	40%	53%
		Services	51%	58%	45%
Value added in Finland generated by non-EU final demand					
			2000	2014	EU 2014
C.11	by sector	Primary	4%	6%	3%
		Manufacturing	59%	47%	38%
		Services	37%	48%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## France

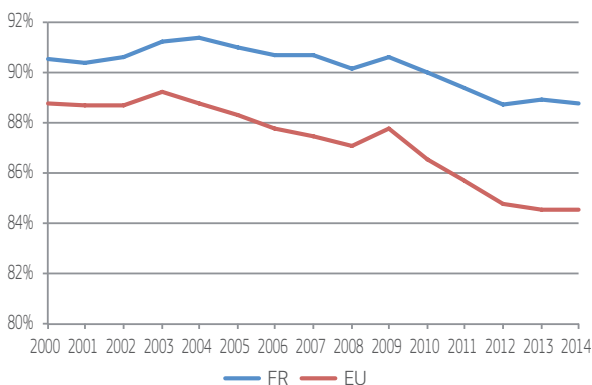


Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	25,672	27,295	226,884	12%
Value added	bn EUR	1,333	1,910	12,488	15%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	437	346	3,711	9%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	36,176	37,541	286,551	13%
Value added	bn EUR	1,308	1,931	11,984	16%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	532	497	4,328	11%

**Share of total value added in France and in the EU generated by EU final demand, 2000-2014 (%)**



## France



EU value added generated by the final demand of France				2000	2014	EU 2014
C.1	by sector of final demand	Primary		1%	1%	1%
		Manufacturing		18%	13%	16%
		Services		80%	86%	83%
D.1	by factor*	Capital comp.		40%	36%	39%
		Low skill comp.		11%	8%	9%
		Medium skill comp.		24%	25%	27%
		High skill comp.		25%	30%	25%
E.1	by gender*	Female		42%	43%	42%
		Male		58%	57%	58%
Value added in France generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		2%	2%	2%
		Manufacturing		16%	11%	15%
		Services		82%	87%	83%
D.2	by factor*	Capital comp.		39%	35%	39%
		Low skill comp.		11%	8%	9%
		Medium skill comp.		24%	25%	27%
		High skill comp.		26%	31%	25%
E.2	by gender*	Female		42%	43%	42%
		Male		58%	57%	58%
F.1	by final destination**	Domestic		80%	80%	85%
		Foreign		20%	20%	15%
Non-EU value added generated by the final demand of France				2000	2014	EU 2014
C.6	by sector of final demand	Primary		3%	2%	3%
		Manufacturing		60%	49%	53%
		Services		37%	49%	45%
Value added in France generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		3%	3%	3%
		Manufacturing		40%	35%	38%
		Services		57%	63%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Germany

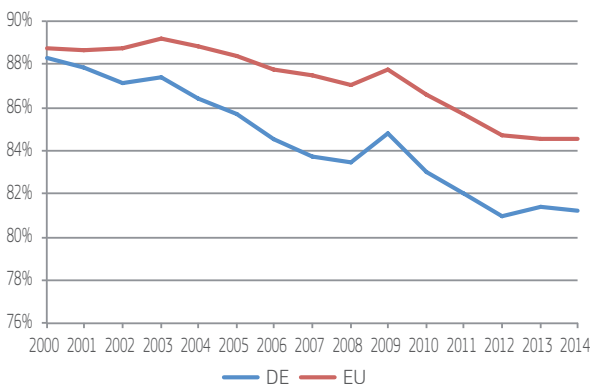


Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	39,917	42,706	226,884	19%
Value added	bn EUR	1,909	2,623	12,488	21%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	1,010	855	3,711	23%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	56,409	54,132	286,551	19%
Value added	bn EUR	1,835	2,340	11,984	20%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	1,069	952	4,328	22%

**Share of total value added in Germany and in the EU generated by EU final demand, 2000-2014 (%)**





## Germany



EU value added generated by the final demand of Germany			2000	2014	EU 2014
C.1	by sector of final demand	Primary	1%	1%	1%
		Manufacturing	24%	21%	16%
		Services	74%	79%	83%
D.1	by factor*	Capital comp.	40%	38%	39%
		Low skill comp.	6%	4%	9%
		Medium skill comp.	30%	36%	27%
		High skill comp.	24%	22%	25%
E.1	by gender*	Female	41%	42%	42%
		Male	59%	58%	58%
Value added in Germany generated by EU final demand			2000	2014	EU 2014
C.3	by sector	Primary	1%	1%	2%
		Manufacturing	22%	20%	15%
		Services	77%	80%	83%
D.2	by factor*	Capital comp.	40%	38%	39%
		Low skill comp.	5%	3%	9%
		Medium skill comp.	31%	37%	27%
		High skill comp.	25%	22%	25%
E.2	by gender*	Female	40%	41%	42%
		Male	60%	59%	58%
F.1	by final destination**	Domestic	76%	68%	85%
		Foreign	24%	32%	15%
Non-EU value added generated by the final demand of Germany			2000	2014	EU 2014
C.6	by sector of final demand	Primary	5%	2%	3%
		Manufacturing	64%	62%	53%
		Services	32%	35%	45%
Value added in Germany generated by non-EU final demand			2000	2014	EU 2014
C.11	by sector	Primary	1%	1%	3%
		Manufacturing	53%	52%	38%
		Services	45%	47%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Greece

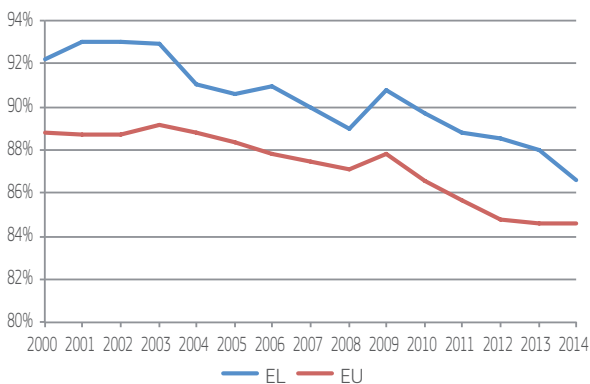


Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	4,308	3,963	226,884	2%
Value added	bn EUR	128	157	12,488	1%
CO <sub>2</sub> emissions	m tCO2	132	79	3,711	2%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	6,258	5,052	286,551	2%
Value added	bn EUR	153	171	11,984	1%
CO <sub>2</sub> emissions	m tCO2	143	94	4,328	2%

**Share of total value added in Greece and in the EU generated by EU final demand, 2000-2014 (%)**



## Greece



EU value added generated by the final demand of Greece				2000	2014	EU 2014
C.1	by sector of final demand	Primary		4%	3%	1%
		Manufacturing		23%	21%	16%
		Services		72%	75%	83%
D.1	by factor*	Capital comp.		44%	48%	39%
		Low skill comp.		13%	7%	9%
		Medium skill comp.		22%	21%	27%
		High skill comp.		21%	24%	25%
E.1	by gender*	Female		36%	38%	42%
		Male		64%	62%	58%
Value added in Greece generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		7%	4%	2%
		Manufacturing		14%	12%	15%
		Services		80%	84%	83%
D.2	by factor*	Capital comp.		45%	50%	39%
		Low skill comp.		13%	7%	9%
		Medium skill comp.		21%	19%	27%
		High skill comp.		21%	24%	25%
E.2	by gender*	Female		37%	40%	42%
		Male		63%	60%	58%
F.1	by final destination**	Domestic		89%	83%	85%
		Foreign		11%	17%	15%
Non-EU value added generated by the final demand of Greece				2000	2014	EU 2014
C.6	by sector of final demand	Primary		10%	7%	3%
		Manufacturing		58%	64%	53%
		Services		32%	29%	45%
Value added in Greece generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		4%	4%	3%
		Manufacturing		13%	16%	38%
		Services		83%	80%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Hungary

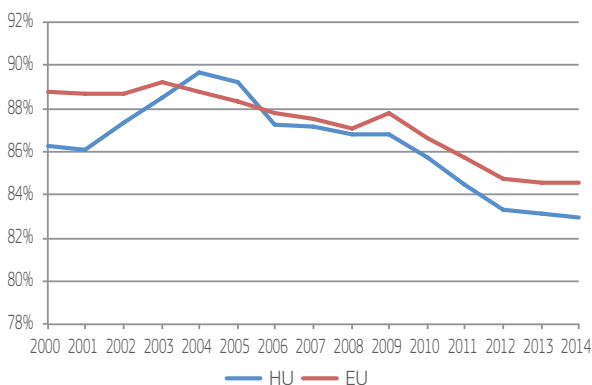


Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	4,237	4,234	226,884	2%
Value added	bn EUR	44	88	12,488	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	59	48	3,711	1%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	4,016	3,660	286,551	1%
Value added	bn EUR	47	82	11,984	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	63	49	4,328	1%

**Share of total value added in Hungary and in the EU generated by EU final demand, 2000-2014 (%)**



## Hungary



EU value added generated by the final demand of Hungary			2000	2014	EU 2014
C.1	by sector of final demand	Primary	4%	3%	1%
		Manufacturing	28%	21%	16%
		Services	68%	76%	83%
D.1	by factor*	Capital comp.	41%	43%	39%
		Low skill comp.	5%	4%	9%
		Medium skill comp.	28%	28%	27%
		High skill comp.	25%	25%	25%
E.1	by gender*	Female	41%	43%	42%
		Male	59%	57%	58%
Value added in Hungary generated by EU final demand			2000	2014	EU 2014
C.3	by sector	Primary	6%	5%	2%
		Manufacturing	25%	22%	15%
		Services	69%	73%	83%
D.2	by factor*	Capital comp.	43%	46%	39%
		Low skill comp.	4%	3%	9%
		Medium skill comp.	28%	27%	27%
		High skill comp.	25%	25%	25%
E.2	by gender*	Female	43%	45%	42%
		Male	57%	55%	58%
F.1	by final destination**	Domestic	67%	57%	85%
		Foreign	33%	43%	15%
Non-EU value added generated by the final demand of Hungary			2000	2014	EU 2014
C.6	by sector of final demand	Primary	6%	7%	3%
		Manufacturing	50%	48%	53%
		Services	44%	45%	45%
Value added in Hungary generated by non-EU final demand			2000	2014	EU 2014
C.11	by sector	Primary	4%	5%	3%
		Manufacturing	38%	47%	38%
		Services	58%	48%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Ireland

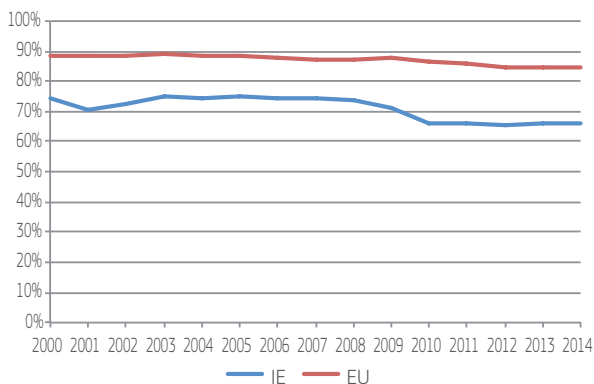


Production perspective					
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	1,712	1,914	226,884	1%
Value added	bn EUR	97	171	12,488	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	44	44	3,711	1%

Consumption perspective					
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	2,536	3,383	286,551	1%
Value added	bn EUR	81	135	11,984	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	50	53	4,328	1%

**Share of total value added in Ireland and in the EU generated by EU final demand, 2000-2014 (%)**



## Ireland



EU value added generated by the final demand of Ireland				2000	2014	EU 2014
C.1	by sector of final demand	Primary		2%	1%	1%
		Manufacturing		17%	11%	16%
		Services		80%	88%	83%
D.1	by factor*	Capital comp.		33%	39%	39%
		Low skill comp.		14%	7%	9%
		Medium skill comp.		24%	22%	27%
		High skill comp.		29%	31%	25%
E.1	by gender*	Female		41%	44%	42%
		Male		59%	56%	58%
Value added in Ireland generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		4%	2%	2%
		Manufacturing		22%	19%	15%
		Services		74%	79%	83%
D.2	by factor*	Capital comp.		38%	47%	39%
		Low skill comp.		13%	5%	9%
		Medium skill comp.		21%	18%	27%
		High skill comp.		28%	30%	25%
E.2	by gender*	Female		42%	45%	42%
		Male		58%	55%	58%
F.1	by final destination**	Domestic		50%	44%	85%
		Foreign		50%	56%	15%
Non-EU value added generated by the final demand of Ireland				2000	2014	EU 2014
C.6	by sector of final demand	Primary		2%	2%	3%
		Manufacturing		32%	22%	53%
		Services		66%	77%	45%
Value added in Ireland generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		3%	2%	3%
		Manufacturing		43%	29%	38%
		Services		54%	69%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Italy

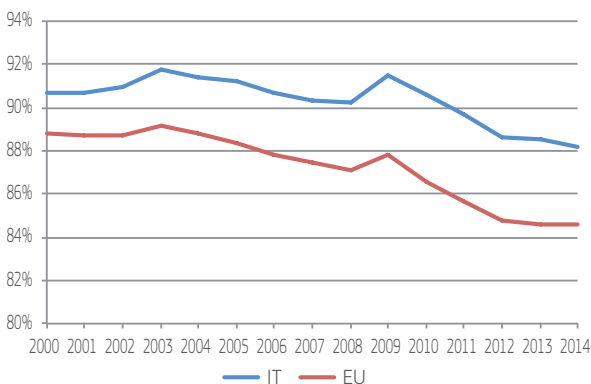


Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	23,021	24,368	226,884	11%
Value added	bn EUR	1,111	1,449	12,488	12%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	484	357	3,711	10%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	32,586	30,306	286,551	11%
Value added	bn EUR	1,109	1,403	11,984	12%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	600	438	4,328	10%

### Share of total value added in Italy and in the EU generated by EU final demand, 2000-2014 (%)





## Italy



EU value added generated by the final demand of Italy					
			2000	2014	EU 2014
C.1	by sector of final demand	Primary	2%	2%	1%
		Manufacturing	25%	15%	16%
		Services	73%	83%	83%
D.1	by factor*	Capital comp.	43%	42%	39%
		Low skill comp.	16%	13%	9%
		Medium skill comp.	26%	31%	27%
		High skill comp.	15%	14%	25%
E.1	by gender*	Female	37%	41%	42%
		Male	63%	59%	58%
Value added in Italy generated by EU final demand					
			2000	2014	EU 2014
C.3	by sector	Primary	4%	3%	2%
		Manufacturing	19%	14%	15%
		Services	77%	83%	83%
D.2	by factor*	Capital comp.	43%	42%	39%
		Low skill comp.	17%	14%	9%
		Medium skill comp.	26%	32%	27%
		High skill comp.	14%	13%	25%
E.2	by gender*	Female	37%	41%	42%
		Male	63%	59%	58%
F.1	by final destination**	Domestic	81%	79%	85%
		Foreign	19%	21%	15%
Non-EU value added generated by the final demand of Italy					
			2000	2014	EU 2014
C.6	by sector of final demand	Primary	2%	3%	3%
		Manufacturing	56%	53%	53%
		Services	42%	44%	45%
Value added in Italy generated by non-EU final demand					
			2000	2014	EU 2014
C.11	by sector	Primary	2%	3%	3%
		Manufacturing	44%	48%	38%
		Services	54%	49%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

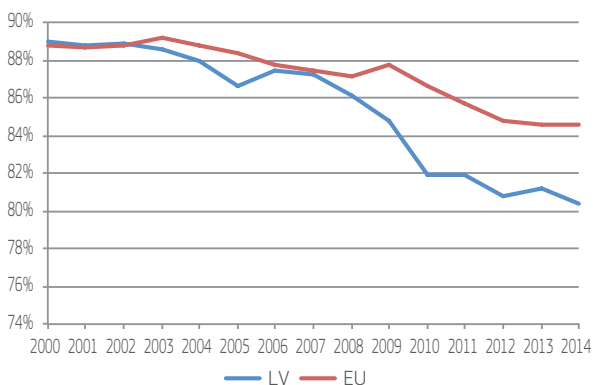
## Latvia



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	924	898	226,884	0%
Value added	bn EUR	8	21	12,488	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	8	9	3,711	0%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	1,029	927	286,551	0%
Value added	bn EUR	9	21	11,984	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	12	12	4,328	0%

**Share of total value added in Latvia and in the EU generated by EU final demand, 2000-2014 (%)**



## Latvia



EU value added generated by the final demand of Latvia					
			2000	2014	EU 2014
C.1	by sector of final demand	Primary	3%	2%	1%
		Manufacturing	29%	20%	16%
		Services	68%	78%	83%
D.1	by factor*	Capital comp.	42%	46%	39%
		Low skill comp.	6%	3%	9%
		Medium skill comp.	29%	26%	27%
		High skill comp.	23%	25%	25%
E.1	by gender*	Female	43%	46%	42%
		Male	57%	54%	58%
Value added in Latvia generated by EU final demand					
			2000	2014	EU 2014
C.3	by sector	Primary	5%	3%	2%
		Manufacturing	19%	14%	15%
		Services	75%	83%	83%
D.2	by factor*	Capital comp.	42%	47%	39%
		Low skill comp.	5%	2%	9%
		Medium skill comp.	29%	25%	27%
		High skill comp.	24%	25%	25%
E.2	by gender*	Female	46%	49%	42%
		Male	54%	51%	58%
F.1	by final destination**	Domestic	79%	65%	85%
		Foreign	21%	35%	15%
Non-EU value added generated by the final demand of Latvia					
			2000	2014	EU 2014
C.6	by sector of final demand	Primary	4%	4%	3%
		Manufacturing	58%	55%	53%
		Services	38%	41%	45%
Value added in Latvia generated by non-EU final demand					
			2000	2014	EU 2014
C.11	by sector	Primary	4%	6%	3%
		Manufacturing	21%	25%	38%
		Services	75%	69%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

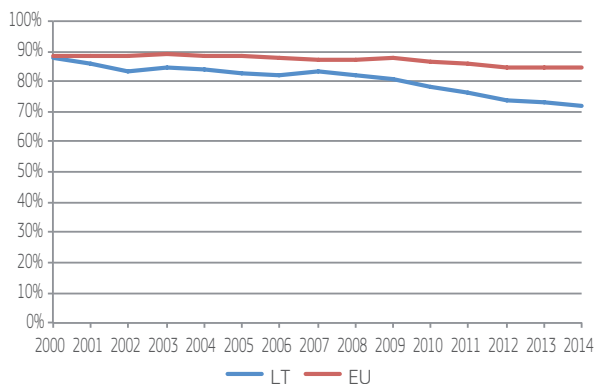
## Lithuania



Production perspective					
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	1,399	1,317	226,884	1%
Value added	bn EUR	11	33	12,488	0%
CO <sub>2</sub> emissions	m tCO2	12	18	3,711	0%

Consumption perspective					
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	1,554	1,399	286,551	0%
Value added	bn EUR	13	32	11,984	0%
CO <sub>2</sub> emissions	m tCO2	24	19	4,328	0%

**Share of total value added in Lithuania and in the EU generated by EU final demand, 2000-2014 (%)**



## Lithuania



EU value added generated by the final demand of Lithuania					
			2000	2014	EU 2014
C.1	by sector of final demand	Primary	6%	4%	1%
		Manufacturing	32%	26%	16%
		Services	62%	70%	83%
D.1	by factor*	Capital comp.	43%	46%	39%
		Low skill comp.	4%	3%	9%
		Medium skill comp.	26%	21%	27%
		High skill comp.	27%	30%	25%
E.1	by gender*	Female	41%	45%	42%
		Male	59%	55%	58%
Value added in Lithuania generated by EU final demand					
			2000	2014	EU 2014
C.3	by sector	Primary	7%	3%	2%
		Manufacturing	22%	20%	15%
		Services	70%	77%	83%
D.2	by factor*	Capital comp.	45%	49%	39%
		Low skill comp.	2%	1%	9%
		Medium skill comp.	26%	18%	27%
		High skill comp.	28%	31%	25%
E.2	by gender*	Female	43%	49%	42%
		Male	57%	51%	58%
F.1	by final destination**	Domestic	77%	55%	85%
		Foreign	23%	45%	15%
Non-EU value added generated by the final demand of Lithuania					
			2000	2014	EU 2014
C.6	by sector of final demand	Primary	21%	18%	3%
		Manufacturing	48%	57%	53%
		Services	31%	26%	45%
Value added in Lithuania generated by non-EU final demand					
			2000	2014	EU 2014
C.11	by sector	Primary	5%	5%	3%
		Manufacturing	27%	30%	38%
		Services	69%	65%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

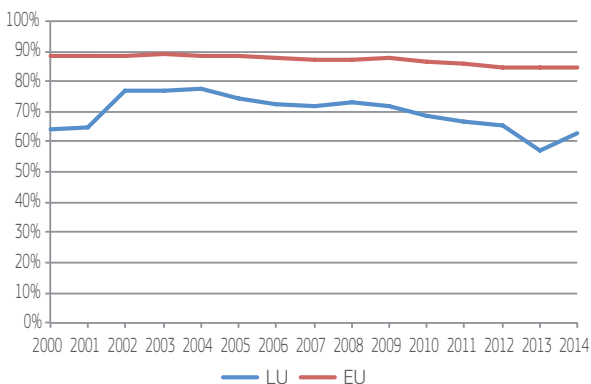
## Luxembourg



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	263	405	226,884	0%
Value added	bn EUR	21	44	12,488	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	12	8	3,711	0%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	578	701	286,551	0%
Value added	bn EUR	17	33	11,984	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	11	10	4,328	0%

### Share of total value added in Luxembourg and in the EU generated by EU final demand, 2000-2014 (%)



## Luxembourg



EU value added generated by the final demand of Luxembourg			2000	2014	EU 2014
C.1	by sector of final demand	Primary	1%	1%	1%
		Manufacturing	28%	21%	16%
		Services	71%	79%	83%
D.1	by factor*	Capital comp.	37%	33%	39%
		Low skill comp.	12%	8%	9%
		Medium skill comp.	27%	29%	27%
		High skill comp.	23%	29%	25%
E.1	by gender*	Female	37%	37%	42%
		Male	63%	63%	58%
Value added in Luxembourg generated by EU final demand			2000	2014	EU 2014
C.3	by sector	Primary	1%	0%	2%
		Manufacturing	14%	6%	15%
		Services	85%	93%	83%
D.2	by factor*	Capital comp.	41%	37%	39%
		Low skill comp.	10%	6%	9%
		Medium skill comp.	26%	26%	27%
		High skill comp.	23%	30%	25%
E.2	by gender*	Female	36%	36%	42%
		Male	64%	64%	58%
F.1	by final destination**	Domestic	41%	35%	85%
		Foreign	59%	65%	15%
Non-EU value added generated by the final demand of Luxembourg			2000	2014	EU 2014
C.6	by sector of final demand	Primary	1%	1%	3%
		Manufacturing	38%	44%	53%
		Services	61%	55%	45%
Value added in Luxembourg generated by non-EU final demand			2000	2014	EU 2014
C.11	by sector	Primary	0%	0%	3%
		Manufacturing	10%	5%	38%
		Services	89%	94%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

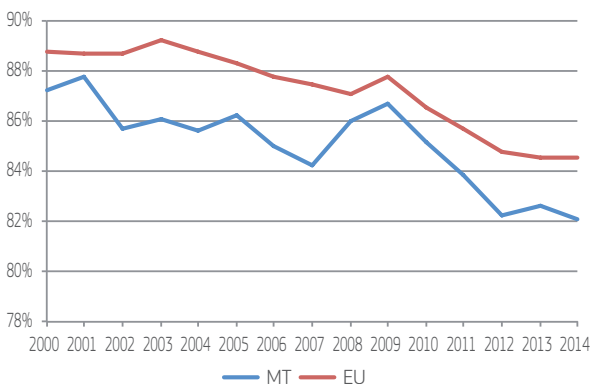
## Malta



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	151	194	226,884	0%
Value added	bn EUR	4	7	12,488	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	3	4	3,711	0%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	243	231	286,551	0%
Value added	bn EUR	5	7	11,984	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	5	4	4,328	0%

**Share of total value added in Malta and in the EU generated by EU final demand, 2000-2014 (%)**





## Malta



EU value added generated by the final demand of Malta				2000	2014	EU 2014
C.1	by sector of final demand	Primary		2%	2%	1%
		Manufacturing		35%	17%	16%
		Services		62%	81%	83%
D.1	by factor*	Capital comp.		38%	38%	39%
		Low skill comp.		23%	18%	9%
		Medium skill comp.		19%	21%	27%
		High skill comp.		19%	23%	25%
E.1	by gender*	Female		33%	36%	42%
		Male		67%	64%	58%
Value added in Malta generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		2%	1%	2%
		Manufacturing		21%	9%	15%
		Services		76%	89%	83%
D.2	by factor*	Capital comp.		37%	42%	39%
		Low skill comp.		30%	20%	9%
		Medium skill comp.		16%	17%	27%
		High skill comp.		17%	21%	25%
E.2	by gender*	Female		32%	36%	42%
		Male		68%	64%	58%
F.1	by final destination**	Domestic		66%	53%	85%
		Foreign		34%	47%	15%
Non-EU value added generated by the final demand of Malta				2000	2014	EU 2014
C.6	by sector of final demand	Primary		1%	2%	3%
		Manufacturing		52%	45%	53%
		Services		47%	53%	45%
Value added in Malta generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		1%	1%	3%
		Manufacturing		38%	18%	38%
		Services		62%	81%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Netherlands

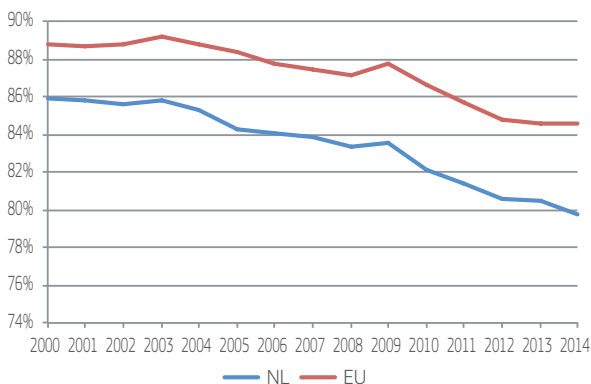


		Production perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	8,207	8,727	226,884	4%
Value added	bn EUR	402	597	12,488	5%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	191	179	3,711	5%

		Consumption perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	13,463	13,317	286,551	5%
Value added	bn EUR	373	510	11,984	4%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	193	181	4,328	4%

### Share of total value added in the Netherlands and in the EU generated by EU final demand, 2000-2014 (%)



## Netherlands



EU value added generated by the final demand of the Netherlands				2000	2014	EU 2014
C.1	by sector of final demand	Primary		1%	1%	1%
		Manufacturing		18%	13%	16%
		Services		81%	86%	83%
D.1	by factor*	Capital comp.		37%	35%	39%
		Low skill comp.		11%	10%	9%
		Medium skill comp.		25%	28%	27%
		High skill comp.		27%	26%	25%
E.1	by gender*	Female		42%	44%	42%
		Male		58%	56%	58%
Value added in the Netherlands generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		4%	4%	2%
		Manufacturing		15%	12%	15%
		Services		80%	84%	83%
D.2	by factor*	Capital comp.		39%	37%	39%
		Low skill comp.		12%	11%	9%
		Medium skill comp.		24%	27%	27%
		High skill comp.		26%	25%	25%
E.2	by gender*	Female		42%	42%	42%
		Male		58%	58%	58%
F.1	by final destination**	Domestic		64%	57%	85%
		Foreign		36%	43%	15%
Non-EU value added generated by the final demand of the Netherlands				2000	2014	EU 2014
C.6	by sector of final demand	Primary		5%	2%	3%
		Manufacturing		46%	48%	53%
		Services		48%	50%	45%
Value added in the Netherlands generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		7%	7%	3%
		Manufacturing		26%	22%	38%
		Services		67%	71%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

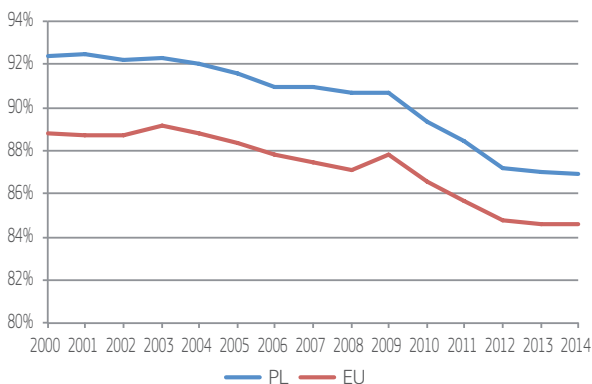
## Poland



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	14,777	15,572	226,884	7%
Value added	bn EUR	165	365	12,488	3%
CO <sub>2</sub> emissions	m tCO2	326	316	3,711	9%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	14,602	14,582	286,551	5%
Value added	bn EUR	177	353	11,984	3%
CO <sub>2</sub> emissions	m tCO2	315	293	4,328	7%

**Share of total value added in Poland and in the EU generated by EU final demand, 2000-2014 (%)**



## Poland



EU value added generated by the final demand of Poland					
			2000	2014	EU 2014
C.1	by sector of final demand	Primary	4%	3%	1%
		Manufacturing	25%	25%	16%
		Services	71%	72%	83%
D.1	by factor*	Capital comp.	46%	46%	39%
		Low skill comp.	4%	3%	9%
		Medium skill comp.	28%	27%	27%
		High skill comp.	21%	24%	25%
E.1	by gender*	Female	39%	40%	42%
		Male	61%	60%	58%
Value added in Poland generated by EU final demand					
			2000	2014	EU 2014
C.3	by sector	Primary	6%	5%	2%
		Manufacturing	21%	22%	15%
		Services	74%	73%	83%
D.2	by factor*	Capital comp.	48%	50%	39%
		Low skill comp.	3%	1%	9%
		Medium skill comp.	30%	27%	27%
		High skill comp.	20%	22%	25%
E.2	by gender*	Female	40%	40%	42%
		Male	60%	60%	58%
F.1	by final destination**	Domestic	79%	66%	85%
		Foreign	21%	34%	15%
Non-EU value added generated by the final demand of Poland					
			2000	2014	EU 2014
C.6	by sector of final demand	Primary	4%	3%	3%
		Manufacturing	48%	60%	53%
		Services	48%	37%	45%
Value added in Poland generated by non-EU final demand					
			2000	2014	EU 2014
C.11	by sector	Primary	8%	6%	3%
		Manufacturing	34%	39%	38%
		Services	58%	55%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Portugal

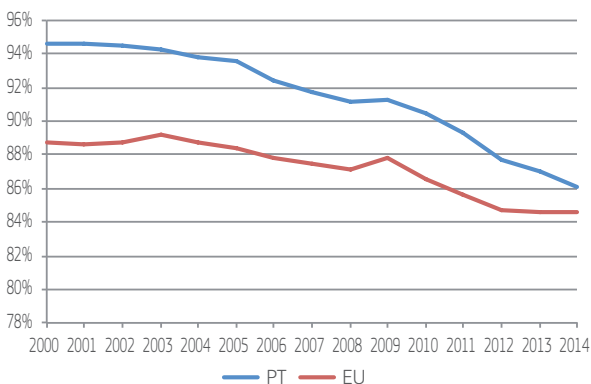


		Production perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	5,042	4,545	226,884	2%
Value added	bn EUR	113	152	12,488	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	68	49	3,711	1%

		Consumption perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	6,361	4,995	286,551	2%
Value added	bn EUR	134	159	11,984	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	85	58	4,328	1%

**Share of total value added in Portugal and in the EU generated by EU final demand, 2000-2014 (%)**



## Portugal



EU value added generated by the final demand of Portugal			2000	2014	EU 2014
C.1	by sector of final demand	Primary	2%	2%	1%
		Manufacturing	26%	21%	16%
		Services	72%	77%	83%
D.1	by factor*	Capital comp.	39%	42%	39%
		Low skill comp.	28%	18%	9%
		Medium skill comp.	13%	16%	27%
		High skill comp.	20%	24%	25%
E.1	by gender*	Female	39%	41%	42%
		Male	61%	59%	58%
Value added in Portugal generated by EU final demand			2000	2014	EU 2014
C.3	by sector	Primary	4%	3%	2%
		Manufacturing	19%	15%	15%
		Services	77%	83%	83%
D.2	by factor*	Capital comp.	39%	43%	39%
		Low skill comp.	32%	20%	9%
		Medium skill comp.	10%	15%	27%
		High skill comp.	19%	23%	25%
E.2	by gender*	Female	41%	42%	42%
		Male	59%	58%	58%
F.1	by final destination**	Domestic	86%	76%	85%
		Foreign	14%	24%	15%
Non-EU value added generated by the final demand of Portugal			2000	2014	EU 2014
C.6	by sector of final demand	Primary	3%	4%	3%
		Manufacturing	59%	62%	53%
		Services	38%	34%	45%
Value added in Portugal generated by non-EU final demand			2000	2014	EU 2014
C.11	by sector	Primary	4%	3%	3%
		Manufacturing	32%	28%	38%
		Services	63%	68%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

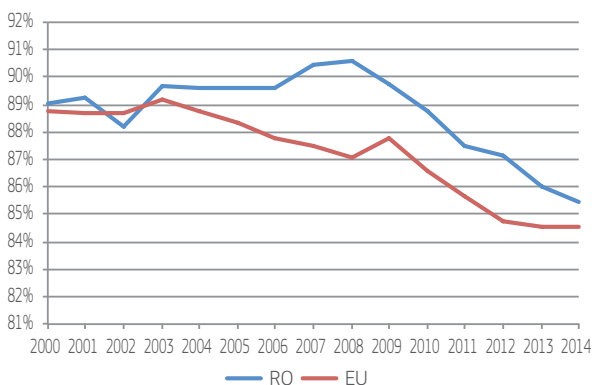
## Romania



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	10,707	8,804	226,884	4%
Value added	bn EUR	37	133	12,488	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	98	80	3,711	2%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	9,059	7,665	286,551	3%
Value added	bn EUR	38	133	11,984	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	78	85	4,328	2%

**Share of total value added in Romania and in the EU generated by EU final demand, 2000-2014 (%)**





## Romania



EU value added generated by the final demand of Romania					
			2000	2014	EU 2014
C.1	by sector of final demand	Primary	8%	5%	1%
		Manufacturing	34%	32%	16%
		Services	57%	63%	83%
D.1	by factor*	Capital comp.	51%	53%	39%
		Low skill comp.	5%	4%	9%
		Medium skill comp.	28%	25%	27%
		High skill comp.	17%	17%	25%
E.1	by gender*	Female	37%	37%	42%
		Male	63%	63%	58%
Value added in Romania generated by EU final demand					
			2000	2014	EU 2014
C.3	by sector	Primary	15%	7%	2%
		Manufacturing	25%	26%	15%
		Services	60%	68%	83%
D.2	by factor*	Capital comp.	52%	57%	39%
		Low skill comp.	3%	3%	9%
		Medium skill comp.	29%	24%	27%
		High skill comp.	16%	16%	25%
E.2	by gender*	Female	39%	39%	42%
		Male	61%	61%	58%
F.1	by final destination**	Domestic	76%	70%	85%
		Foreign	24%	30%	15%
Non-EU value added generated by the final demand of Romania					
			2000	2014	EU 2014
C.6	by sector of final demand	Primary	7%	4%	3%
		Manufacturing	56%	60%	53%
		Services	38%	36%	45%
Value added in Romania generated by non-EU final demand					
			2000	2014	EU 2014
C.11	by sector	Primary	10%	6%	3%
		Manufacturing	32%	34%	38%
		Services	58%	60%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

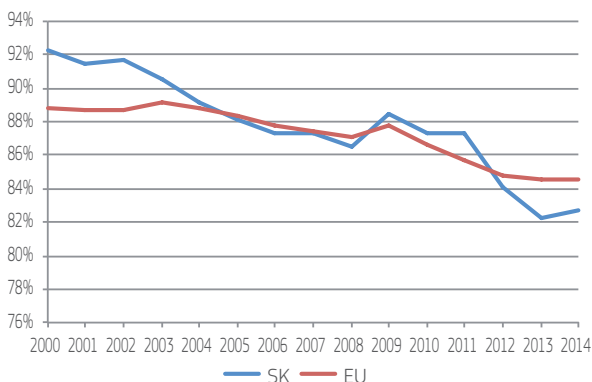
## Slovakia



		Production perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	2,013	2,223	226,884	1%
Value added	bn EUR	20	69	12,488	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	42	34	3,711	1%

		Consumption perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	2,060	2,368	286,551	1%
Value added	bn EUR	23	65	11,984	1%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	40	34	4,328	1%

**Share of total value added in Slovakia and in the EU generated by EU final demand, 2000-2014 (%)**



## Slovakia



EU value added generated by the final demand of Slovakia			2000	2014	EU 2014
C.1	by sector of final demand	Primary	4%	3%	1%
		Manufacturing	34%	27%	16%
		Services	62%	70%	83%
D.1	by factor*	Capital comp.	51%	47%	39%
		Low skill comp.	3%	3%	9%
		Medium skill comp.	30%	34%	27%
		High skill comp.	15%	16%	25%
E.1	by gender*	Female	38%	38%	42%
		Male	62%	62%	58%
Value added in Slovakia generated by EU final demand			2000	2014	EU 2014
C.3	by sector	Primary	5%	5%	2%
		Manufacturing	27%	22%	15%
		Services	68%	73%	83%
D.2	by factor*	Capital comp.	54%	51%	39%
		Low skill comp.	2%	1%	9%
		Medium skill comp.	31%	34%	27%
		High skill comp.	13%	14%	25%
E.2	by gender*	Female	39%	39%	42%
		Male	61%	61%	58%
F.1	by final destination**	Domestic	77%	58%	85%
		Foreign	23%	42%	15%
Non-EU value added generated by the final demand of Slovakia			2000	2014	EU 2014
C.6	by sector of final demand	Primary	4%	3%	3%
		Manufacturing	60%	73%	53%
		Services	36%	24%	45%
Value added in Slovakia generated by non-EU final demand			2000	2014	EU 2014
C.11	by sector	Primary	3%	4%	3%
		Manufacturing	40%	40%	38%
		Services	57%	56%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Slovenia



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	906	940	226,884	0%
Value added	bn EUR	19	32	12,488	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	16	14	3,711	0%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	1,077	1,082	286,551	0%
Value added	bn EUR	22	31	11,984	0%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	20	16	4,328	0%

**Share of total value added in Slovenia and in the EU generated by EU final demand, 2000-2014 (%)**



## Slovenia



EU value added generated by the final demand of Slovenia				2000	2014	EU 2014
C.1	by sector of final demand	Primary		4%	3%	1%
		Manufacturing		29%	20%	16%
		Services		68%	77%	83%
D.1	by factor*	Capital comp.		37%	35%	39%
		Low skill comp.		7%	5%	9%
		Medium skill comp.		27%	29%	27%
		High skill comp.		29%	30%	25%
E.1	by gender*	Female		43%	45%	42%
		Male		57%	55%	58%
Value added in Slovenia generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		4%	3%	2%
		Manufacturing		25%	22%	15%
		Services		71%	75%	83%
D.2	by factor*	Capital comp.		35%	34%	39%
		Low skill comp.		7%	5%	9%
		Medium skill comp.		27%	30%	27%
		High skill comp.		31%	32%	25%
E.2	by gender*	Female		44%	45%	42%
		Male		56%	55%	58%
F.1	by final destination**	Domestic		75%	58%	85%
		Foreign		25%	42%	15%
Non-EU value added generated by the final demand of Slovenia				2000	2014	EU 2014
C.6	by sector of final demand	Primary		6%	4%	3%
		Manufacturing		61%	61%	53%
		Services		33%	35%	45%
Value added in Slovenia generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		3%	2%	3%
		Manufacturing		56%	48%	38%
		Services		41%	49%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Spain

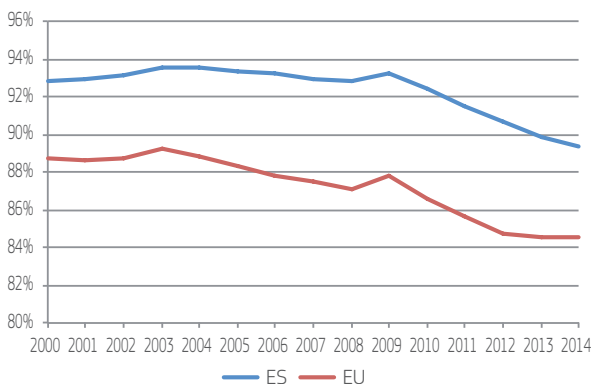


Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	16,691	17,965	226,884	8%
Value added	bn EUR	586	948	12,488	8%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	312	270	3,711	7%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	22,287	22,985	286,551	8%
Value added	bn EUR	620	947	11,984	8%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	341	300	4,328	7%

### Share of total value added in Spain and in the EU generated by EU final demand, 2000-2014 (%)



## Spain



EU value added generated by the final demand of Spain				2000	2014	EU 2014
C.1	by sector of final demand	Primary		2%	1%	1%
		Manufacturing		22%	15%	16%
		Services		76%	84%	83%
D.1	by factor*	Capital comp.		39%	41%	39%
		Low skill comp.		19%	13%	9%
		Medium skill comp.		15%	15%	27%
		High skill comp.		27%	31%	25%
E.1	by gender*	Female		37%	43%	42%
		Male		63%	57%	58%
Value added in Spain generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		4%	3%	2%
		Manufacturing		19%	14%	15%
		Services		77%	83%	83%
D.2	by factor*	Capital comp.		38%	41%	39%
		Low skill comp.		20%	14%	9%
		Medium skill comp.		14%	13%	27%
		High skill comp.		28%	32%	25%
E.2	by gender*	Female		37%	44%	42%
		Male		63%	56%	58%
F.1	by final destination**	Domestic		82%	80%	85%
		Foreign		18%	20%	15%
Non-EU value added generated by the final demand of Spain				2000	2014	EU 2014
C.6	by sector of final demand	Primary		3%	3%	3%
		Manufacturing		54%	61%	53%
		Services		43%	36%	45%
Value added in Spain generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		4%	4%	3%
		Manufacturing		38%	37%	38%
		Services		59%	59%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## Sweden



Production perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	4,301	4,750	226,884	2%
Value added	bn EUR	249	382	12,488	3%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	72	51	3,711	1%

Consumption perspective		2000	2014	EU 2014	%EU
Employment	1,000 jobs	5,920	6,662	286,551	2%
Value added	bn EUR	227	359	11,984	3%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	89	82	4,328	2%

**Share of total value added in Sweden and in the EU generated by EU final demand, 2000-2014 (%)**





## Sweden



EU value added generated by the final demand of Sweden				2000	2014	EU 2014
C.1	by sector of final demand	Primary		1%	1%	1%
		Manufacturing		20%	16%	16%
		Services		78%	83%	83%
D.1	by factor*	Capital comp.		43%	41%	39%
		Low skill comp.		7%	6%	9%
		Medium skill comp.		28%	26%	27%
		High skill comp.		22%	26%	25%
E.1	by gender*	Female		44%	44%	42%
		Male		56%	56%	58%
Value added in Sweden generated by EU final demand				2000	2014	EU 2014
C.3	by sector	Primary		2%	2%	2%
		Manufacturing		21%	15%	15%
		Services		77%	83%	83%
D.2	by factor*	Capital comp.		45%	42%	39%
		Low skill comp.		7%	6%	9%
		Medium skill comp.		28%	26%	27%
		High skill comp.		20%	26%	25%
E.2	by gender*	Female		45%	45%	42%
		Male		55%	55%	58%
F.1	by final destination**	Domestic		68%	69%	85%
		Foreign		32%	31%	15%
Non-EU value added generated by the final demand of Sweden				2000	2014	EU 2014
C.6	by sector of final demand	Primary		1%	1%	3%
		Manufacturing		53%	44%	53%
		Services		46%	55%	45%
Value added in Sweden generated by non-EU final demand				2000	2014	EU 2014
C.11	by sector	Primary		2%	3%	3%
		Manufacturing		47%	37%	38%
		Services		51%	59%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

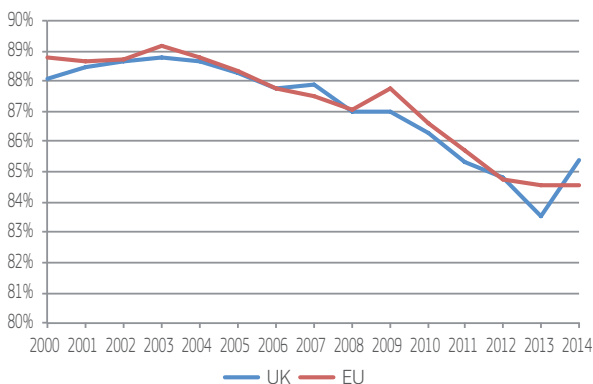
## United Kingdom



		Production perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	27,482	30,726	226,884	14%
Value added	bn EUR	1,502	2,007	12,488	16%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	616	488	3,711	13%

		Consumption perspective			
		2000	2014	EU 2014	%EU
Employment	1,000 jobs	46,751	44,315	286,551	15%
Value added	bn EUR	1,511	2,024	11,984	17%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	748	649	4,328	15%

**Share of total value added in the United Kingdom and in the EU generated by EU final demand, 2000-2014 (%)**



## United Kingdom



EU value added generated by the final demand of the United Kingdom			2000	2014	EU 2014
C.1	by sector of final demand	Primary	1%	1%	1%
		Manufacturing	17%	12%	16%
		Services	82%	87%	83%
D.1	by factor*	Capital comp.	35%	36%	39%
		Low skill comp.	17%	14%	9%
		Medium skill comp.	26%	24%	27%
		High skill comp.	23%	26%	25%
E.1	by gender*	Female	41%	40%	42%
		Male	59%	60%	58%
Value added in the United Kingdom generated by EU final demand			2000	2014	EU 2014
C.3	by sector	Primary	3%	2%	2%
		Manufacturing	16%	11%	15%
		Services	82%	87%	83%
D.2	by factor*	Capital comp.	34%	36%	39%
		Low skill comp.	17%	15%	9%
		Medium skill comp.	26%	23%	27%
		High skill comp.	23%	27%	25%
E.2	by gender*	Female	41%	41%	42%
		Male	59%	59%	58%
F.1	by final destination**	Domestic	80%	79%	85%
		Foreign	20%	21%	15%
Non-EU value added generated by the final demand of the United Kingdom			2000	2014	EU 2014
C.6	by sector of final demand	Primary	2%	2%	3%
		Manufacturing	49%	50%	53%
		Services	49%	48%	45%
Value added in the United Kingdom generated by non-EU final demand			2000	2014	EU 2014
C.11	by sector	Primary	9%	5%	3%
		Manufacturing	36%	27%	38%
		Services	55%	69%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Effects include global final demand (EU and non-EU).

## European Union



Production perspective				
		2000	2014	2014/2000
Employment	1,000 jobs	215,311	226,884	5%
Value added	bn EUR	8,560	12,488	46%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	4,516	3,711	-18%

Consumption perspective				
		2000	2014	2014/2000
Employment	1,000 jobs	293,810	286,551	-2%
Value added	bn EUR	8,471	11,984	41%
CO <sub>2</sub> emissions	m tCO <sub>2</sub>	4,991	4,328	-13%

### Share of total value added in the EU generated by EU final demand, 2000-2014 (%)



## European Union



EU value added generated by the final demand of the EU			2000	2014
C.1	by sector of final demand	Primary	2%	1%
		Manufacturing	21%	16%
		Services	77%	83%
D.1	by factor*	Capital comp.	40%	39%
		Low skill comp.	12%	9%
		Medium skill comp.	25%	27%
		High skill comp.	23%	25%
E.1	by gender*	Female	40%	42%
		Male	60%	58%
C.3	by sector	Primary	3%	2%
		Manufacturing	19%	15%
		Services	78%	83%
F.1	by final destination**	Domestic	89%	85%
		Foreign	11%	15%
Non-EU value added generated by the final demand of the EU			2000	2014
C.6	by sector of final demand	Primary	3%	3%
		Manufacturing	55%	53%
		Services	42%	45%
Value added in the EU generated by non-EU final demand			2000	2014
C.11	by sector	Primary	4%	3%
		Manufacturing	42%	38%
		Services	54%	59%

\* Figures correspond to 2008 instead of 2000.

\*\* Foreign includes non-EU final demand.



# DATA SOURCES AND METHODOLOGY

## ***World Input-Output Database***

The European Commission-funded World Input-Output Database (WIOD) consists of a set of harmonised Supply, Use, and Input-Output (IO) tables, valued at current prices and prices of the previous year. It also includes data on international trade, industry output, value added (VA), capital stock and investment, as well as satellite accounts with various environmental and socio-economic indicators, such as energy, water, land, and materials consumption, emissions, wages and employment. The latest version of the database (Release 2016) covers 28 EU Member States and 15 other major economies in the world as well as the “Rest of the World” as an aggregated region. The new WIOD database features a breakdown of 56 industries, but lacks data on some of the indicators reported in this pocketbook such as labour compensation by gender or skill.

Therefore, the WIOD database has been complemented with data from other sources such as EUKLEMS and the International Labour Organization (ILO). In particular, data on labour compensation by gender and skill have been taken from such data sources.

The WIOD covers the period 2000 to 2014. However, some data are limited to the period 2008-2014. This is the case of the data on labour compensation by gender and skill, which are only available for the period 2008-2014. Therefore, all the indicators reported in this publication cover the period 2000–2014, with the exception of those for which the necessary data are not available for the years before 2008.

The WIOD database is freely downloadable at [www.wiod.org](http://www.wiod.org). A detailed description of the content is also available there.

## ***Methodology***

As mentioned in the introduction, this publication includes a set of tables related to the value added generated by the final demand of the countries covered by the WIOD database. The information for the calculation of the general indicators comes directly from the WIOD database with only minor additional calculations to obtain some derived indicators such as shares or intensities.

However, the method for the calculation of these indicators is not straightforward and requires further explanation. In order to obtain the EU and Non-EU value added generated by the final demand

of EU and Non-EU countries we have used a Multi-Regional Input-Output (MRIO) model together with the information of WIOD. These models have been widely used to explore different economic and environmental consequences of trade (Miller and Blair, 2009; Murray and Lenzen, 2013).

Following Arto et al. (2019), the methodology is described for the case of four regions (2 EU countries and 2 Non-EU countries) with  $n$  industries, but it can be applied to any number of regions and industries. In this study, the model was applied to 44 regions, 56 industries (for simplicity we have aggregated the results to 10 industries and 3 sectors). Note that the MRIO tables used in the calculations are industry by industry IO tables. Accordingly, all the data reported in this document is reported by industry (e.g. we report the value added generated by the final demand of products of the manufacturing industry).

The starting point of the model is a MRIO table at basic prices. This table describes the flows of goods and services from all industries to all intermediate and final users, explicitly broken down by countries of origin and by countries of destination in each flow.

We can distinguish three main components in the MRIO table:

$$\mathbf{Z} = \begin{bmatrix} \mathbf{Z}^{11} & \mathbf{Z}^{12} & \mathbf{Z}^{13} & \mathbf{Z}^{14} \\ \mathbf{Z}^{21} & \mathbf{Z}^{22} & \mathbf{Z}^{23} & \mathbf{Z}^{24} \\ \mathbf{Z}^{31} & \mathbf{Z}^{32} & \mathbf{Z}^{33} & \mathbf{Z}^{34} \\ \mathbf{Z}^{41} & \mathbf{Z}^{42} & \mathbf{Z}^{43} & \mathbf{Z}^{44} \end{bmatrix}, \quad \mathbf{f} = \begin{bmatrix} \mathbf{f}^{11} + \mathbf{f}^{12} + \mathbf{f}^{13} + \mathbf{f}^{14} \\ \mathbf{f}^{21} + \mathbf{f}^{22} + \mathbf{f}^{23} + \mathbf{f}^{24} \\ \mathbf{f}^{31} + \mathbf{f}^{32} + \mathbf{f}^{33} + \mathbf{f}^{34} \\ \mathbf{f}^{41} + \mathbf{f}^{42} + \mathbf{f}^{43} + \mathbf{f}^{44} \end{bmatrix}, \quad \mathbf{x} = \begin{bmatrix} \mathbf{x}^1 \\ \mathbf{x}^2 \\ \mathbf{x}^3 \\ \mathbf{x}^4 \end{bmatrix},$$

where  $\mathbf{Z}^{rs}$  is the intermediate matrix with sectorial deliveries from country  $r$  to country  $s$ ;  $\mathbf{f}^{rs}$  is the column vector of country  $s$  final demand (including household consumption, government consumption, and investment) for goods produced by country  $r$ ; and  $\mathbf{x}^r$  is the column vector of gross output for country  $r$ . Furthermore, let us assume that the MRIO table is extended to include a vector of value added by industry  $\mathbf{w}$ :

$$\mathbf{w} = \begin{bmatrix} \mathbf{w}^1 \\ \mathbf{w}^2 \\ \mathbf{w}^3 \\ \mathbf{w}^4 \end{bmatrix}$$

The relation between  $\mathbf{x}$ ,  $\mathbf{Z}$  and  $\mathbf{f}$  is defined by the accounting equation  $\mathbf{x} = \mathbf{Z}\mathbf{i} + \mathbf{f}$ , where  $\mathbf{i}$  is the column summation vector consisting of ones.

The input coefficient matrix for the EU is defined as  $\mathbf{A} = \mathbf{Z}(\hat{\mathbf{x}})^{-1}$ , where  $(\hat{\mathbf{x}})$  is a diagonal matrix with the values of vector along the diagonal and zero elsewhere. Thus, the accounting equation can now be written as the standard input-output model:  $\mathbf{x} = \mathbf{A}\mathbf{x} + \mathbf{f}$ .



For an certain final demand vector  $\mathbf{f}$ , the solution to the model is given by  $\mathbf{x} = \mathbf{B}\mathbf{f}$ , where  $\mathbf{B} \equiv (\mathbf{I} - \mathbf{A})^{-1}$  is the Leontief inverse of the word input-output table. Thus, multiplying the Leontief inverse by the final demand- we obtain the total output to satisfy the final demand of goods and services:

$$\mathbf{X} = \mathbf{B}\mathbf{f} \quad [1]$$

The value added coefficients vector,  $\mathbf{v} = (\hat{\mathbf{x}})^{-1}$ , yields the value added per unit of output. Hence, the value added by industry and country associated to the production of goods in order to satisfy total final demand  $\mathbf{f}$  is given by

$$\mathbf{w} = \hat{\mathbf{v}}\mathbf{B}\mathbf{f} \quad [2]$$

We can write expression [2] in its partitioned form as:

$$\begin{bmatrix} w^1 \\ w^2 \\ w^3 \\ w^4 \end{bmatrix} = \begin{bmatrix} \hat{v}^1 & 0 & 0 & 0 \\ 0 & \hat{v}^2 & 0 & 0 \\ 0 & 0 & \hat{v}^3 & 0 \\ 0 & 0 & 0 & \hat{v}^4 \end{bmatrix} \begin{bmatrix} B^{11} & B^{12} & B^{13} & B^{14} \\ B^{21} & B^{22} & B^{23} & B^{24} \\ B^{31} & B^{32} & B^{33} & B^{34} \\ B^{41} & B^{42} & B^{43} & B^{44} \end{bmatrix} \begin{bmatrix} f^{11} + f^{12} + f^{13} + f^{14} \\ f^{21} + f^{22} + f^{23} + f^{24} \\ f^{31} + f^{32} + f^{33} + f^{34} \\ f^{41} + f^{42} + f^{43} + f^{44} \end{bmatrix} \quad [3]$$

From expression [3] we can derive the different indicators reported in this publication. For example, the value added in the whole EU generated by the final demand of EU country 1 can be calculated as:

$$c^{EU,1} = (v^1)' B^{11}f^{11} + (v^1)' B^{12}f^{21} + (v^1)' B^{13}f^{31} + (v^1)' B^{14}f^{41} + (v^2)' B^{21}f^{11} + (v^2)' B^{22}f^{21} + (v^2)' B^{23}f^{31} + (v^2)' B^{24}f^{41} \quad [4]$$

where  $(v^i)' B^{ij}f^{jk}$  value added in country  $i$  of the EU generated by the final demand of EU country  $k$  of final products produced by country  $j$ . The domestic component of the value added effect of the final demand of EU country 1 would be the sum of the first four components of expression [4].

Similarly, the value added in country 1 of the EU generated by the demand of the whole EU can be calculated as:

$$c^{1,EU} = (v^1)' B^{11}f^{11} + (v^1)' B^{12}f^{21} + (v^1)' B^{13}f^{31} + (v^1)' B^{14}f^{41} + (v^1)' B^{11}f^{12} + (v^1)' B^{12}f^{22} + (v^1)' B^{13}f^{32} + (v^1)' B^{14}f^{42} \quad [5]$$

From expression [3] we can also derive the Non-EU value added generated by the final demand of the EU country 1:

$$c^{noEU,1} = (v^3)' B^{31}f^{11} + (v^3)' B^{32}f^{21} + (v^3)' B^{33}f^{31} + (v^3)' B^{34}f^{41} + (v^4)' B^{41}f^{11} + (v^4)' B^{42}f^{21} + (v^4)' B^{43}f^{31} + (v^4)' B^{44}f^{41} \quad [6]$$

The total value added effect of the final demand of country 1 would be the sum of the elements in expressions [4] and [6].



## GETTING IN TOUCH WITH THE EU

### In person

All over the European Union there are hundreds of Europe Direct information centres. You can find the address of the centre nearest you at: [https://europa.eu/european-union/contact\\_en](https://europa.eu/european-union/contact_en)

### On the phone or by email

Europe Direct is a service that answers your questions about the European Union. You can contact this service:

- by freephone: 00 800 6 7 8 9 10 11 (certain operators may charge for these calls),
- at the following standard number: +32 22999696, or
- by electronic mail via: [https://europa.eu/european-union/contact\\_en](https://europa.eu/european-union/contact_en)

## FINDING INFORMATION ABOUT THE EU

### Online

Information about the European Union in all the official languages of the EU is available on the Europa website at: [https://europa.eu/european-union/index\\_en](https://europa.eu/european-union/index_en)

### EU publications

You can download or order free and priced EU publications from EU Bookshop at: <https://publications.europa.eu/en/publications>. Multiple copies of free publications may be obtained by contacting Europe Direct or your local information centre (see [https://europa.eu/european-union/contact\\_en](https://europa.eu/european-union/contact_en)).

## The European Commission's science and knowledge service

Joint Research Centre

### JRC Mission

As the science and knowledge service of the European Commission, the Joint Research Centre's mission is to support EU policies with independent evidence throughout the whole policy cycle.



**EU Science Hub**  
[ec.europa.eu/jrc](https://ec.europa.eu/jrc)



@EU\_ScienceHub



EU Science Hub - Joint Research Centre



EU Science, Research and Innovation



EU Science Hub



Publications Office  
of the European Union

doi:10.2760/778748  
ISBN 978-92-76-18829-2