



# EU exports to the United States: Effects on Employment

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**Title EU Exports to the United States: Effects on Employment**

**Abstract**

This report aims to contribute to showcasing the importance of the transatlantic trade relationship. It features a series of indicators on the quantification of the number of jobs supported by EU exports to the United States (US) based on the most recent available data. It shows that EU exports to the US supported around 4.6 million jobs in the EU and 3 million jobs elsewhere in the rest of the world in 2011. In the EU, 62% of this employment was in services. Around 28% of these jobs were high skilled.

# **EU Exports to the United States: Effects on Employment**

2019 Edition

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## **INTRODUCTION**

The present report contributes to the European Commission's aim to gather comprehensive, reliable and comparable information to support evidence-based policymaking.

The promotion of deeper commercial ties across the Atlantic is key in the European Commission's strategy to create the conditions for a more dynamic and innovative European Union (EU) economy. This is why the 2015 Communication "Trade for all: Towards a more responsible trade and investment policy" points to the conclusion of the Transatlantic Trade and Investment Agreement as a priority for the EU trade policy.

Against this background this reports focuses on the contribution of transatlantic trade to the creation of job opportunities in Europe. For this it offers an ample set of indicators related to the quantification of the employment supported by EU exports to the United States (US).

This work builds on the report "EU Export to the World: Effects on Employment and Income" that was published in June 2015 by the European Commission's Joint Research Centre (JRC) and Directorate General for Trade. It is grounded on the same methodology and on the same World Input-Output Database (WIOD) database.

## **Abbreviations and glossary**

### **Country abbreviations**

EU	The European Union (27 Member States, excluding Croatia)
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
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
US	United States of America

### **Sector classification**

Primary	P
Manufactures	M
Services	S

### **Unit of measurement**

bn	billion (10 <sup>9</sup> )	m	million (10 <sup>6</sup> )
EUR	euro	tr	trillion (10 <sup>12</sup> )



### **Industry classification**

Agriculture, Hunting, Forestry and Fishing	P	P
Mining and Quarrying	P	P
Food, Beverages and Tobacco	M1	M
Textiles and Textile Products	M2	M
Leather, Leather and Footwear	M2	M
Wood and Products of Wood and Cork	M3	M
Pulp, Paper, Paper , Printing and Publishing	M3	M
Coke, Refined Petroleum and Nuclear Fuel	M4	M
Chemicals and Chemical Products	M5	M
Rubber and Plastics	M6	M
Other Non-Metallic Minerals	M6	M
Basic Metals and Fabricated Metal	M6	M
Machinery (not elsewhere classified)	M7	M
Electrical and Optical Equipment	M7	M
Transport Equipment	M7	M
Manufacturing (not elsewhere classified); Recycling	M7	M
Electricity, Gas and Water Supply	M4	M
Construction	S2	S
Sale, Maintenance and Repair of Vehicles; Retail Sale of Fuel	S1	S
Wholesale Trade and Commission Trade, Except of Motor Vehicles	S1	S
Retail Trade, Except Motor Vehicles; Repair of Household Goods	S1	S
Hotels and Restaurants	S2	S
Inland Transport	S1	S
Water Transport	S1	S
Air Transport	S1	S
Other Supporting and Auxiliary Transport Activities; Travel Agencies	S1	S
Post and Telecommunications	S1	S
Financial Intermediation	S1	S
Real Estate Activities	S2	S
Renting of Machinery and Equipment and Other Business Activities	S1	S
Public Administration and Defence; Compulsory Social Security	S2	S
Education	S2	S
Health and Social Work	S2	S
Other Community, Social and Personal Services	S2	S
Private Households with Employed Persons	S2	S
Primary	P	P
Food, beverages, tobacco	M1	M
Textiles	M2	M
Wood, paper, printing	M3	M
Energy	M4	M
Chemicals	M5	M
Other non-metallic and basic metals	M6	M
Machinery and transport equipment	M7	M
Transport, trade and business services	S1	S
Other services	S2	S

### **Glossary**

**EU exports:** aggregate exports of goods and services of the 27 EU Member States to the rest of the world.

**Rest of the world:** non-EU countries.

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

**Domestic effect:** employment in a given Member State that is supported by its own exports to the rest of the world.

**Spillover:** employment in a given Member State that is supported by the exports of another Member State to the rest of the world.

**Foreign employment:** employment outside the EU that is supported by the exports of an EU Member State to the rest of the world. This captures the jobs in firms outside the EU that supply inputs for producing the goods and services that the EU exports to the rest of the world.

**Highly-skilled labour:** workers with first and second stage tertiary education.

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

**Low-skilled labour:** workers with primary and lower secondary education or first and second stage basic education.

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

**Sector:** group of industries.

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## **A. Employment**

**A.1. Employment supported by exports from each EU Member State to the United States (2011; 1,000 jobs)**

	in the World	in the EU	in the United States
AT	163.7	99.6	12.4
BE	313.5	158.6	26.8
BG	26.0	22.8	0.7
CY	1.9	1.4	0.4
CZ	144.2	103.1	8.4
DE	1,755.0	1,096.0	122.3
DK	123.5	70.6	62.5
EE	11.1	7.7	0.6
EL	32.1	23.8	18.6
ES	563.3	320.1	24.3
FI	118.5	58.9	10.0
FR	675.7	417.1	56.1
HU	81.4	55.9	9.9
IE	460.4	206.1	127.8
IT	710.1	435.5	31.1
LT	12.0	5.7	0.5
LU	6.0	3.2	61.1
LV	6.2	5.1	0.5
MT	6.6	4.3	0.5
NL	588.8	257.5	49.9
PL	191.4	148.7	10.7
PT	87.6	62.3	2.4
RO	49.4	44.1	1.6
SE	245.3	131.9	27.7
SI	13.6	9.4	0.9
SK	29.6	20.0	1.8
UK	1,165.0	780.1	74.8
<b>EU-27</b>	<b>7,581.9</b>	<b>4,549.9</b>	<b>744.3</b>

*In 2011, Germany's exports to the United States supported 1.8 million jobs worldwide: 1.1 million in the EU and 122,300 in the US.*

**A.2. EU employment supported by exports of each Member State to the United States, by exporting sector (2011; % and 1,000 jobs)**

	Primary	Manufactures	Services	Total
AT	0.6%	77.4%	22.0%	99.6
BE	0.5%	46.9%	52.5%	158.6
BG	17.9%	44.9%	37.2%	22.8
CY	39.0%	11.6%	49.4%	1.4
CZ	0.5%	48.8%	50.8%	103.1
DE	0.4%	78.5%	21.1%	1,096.0
DK	0.7%	69.6%	29.7%	70.6
EE	0.7%	85.8%	13.5%	7.7
EL	14.9%	24.2%	60.9%	23.8
ES	2.3%	35.0%	62.7%	320.1
FI	0.5%	66.4%	33.1%	58.9
FR	1.2%	71.2%	27.7%	417.1
HU	1.0%	66.3%	32.7%	55.9
IE	0.4%	54.1%	45.5%	206.1
IT	0.8%	79.1%	20.1%	435.5
LT	0.6%	86.0%	13.4%	5.7
LU	0.1%	59.8%	40.0%	3.2
LV	5.3%	71.1%	23.6%	5.1
MT	1.8%	40.5%	57.7%	4.3
NL	2.7%	35.3%	62.0%	257.5
PL	2.9%	63.3%	33.8%	148.7
PT	3.8%	51.0%	45.2%	62.3
RO	0.3%	88.5%	11.3%	44.1
SE	0.2%	57.3%	42.5%	131.9
SI	2.0%	68.7%	29.2%	9.4
SK	0.2%	71.1%	28.8%	20.0
UK	3.2%	57.0%	39.8%	780.1
<b>EU-27</b>	<b>1.6%</b>	<b>63.4%</b>	<b>35.0%</b>	<b>4,549.9</b>

*In 2011, Germany's exports to the United States supported around 1.1 million jobs across the EU in 2011, of which 78.5% were driven by the exports of the German manufacturing sector.*

### **A.3. EU employment supported by exports of each Member State to the United States, by exporting industry (2011; % and 1,000 jobs)**

	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
AT	0.6%	5.3%	0.9%	2.6%	1.7%	10.0%	12.5%	44.4%	20.9%	1.1%	99.6
BE	0.5%	2.6%	0.8%	2.3%	6.3%	12.2%	6.3%	16.4%	48.9%	3.6%	158.6
BG	17.9%	5.4%	9.6%	1.2%	4.7%	3.4%	4.3%	16.4%	24.4%	12.8%	22.8
CY	39.0%	5.6%	2.1%	0.0%	0.0%	0.2%	0.1%	3.5%	48.5%	0.9%	1.4
CZ	0.5%	1.1%	1.5%	1.5%	0.2%	4.8%	12.8%	27.0%	37.7%	13.0%	103.1
DE	0.4%	1.7%	0.5%	3.1%	1.3%	11.6%	10.2%	50.0%	20.5%	0.6%	1,096.0
DK	0.7%	4.8%	0.1%	1.3%	0.4%	20.3%	4.7%	38.0%	29.5%	0.2%	70.6
EE	0.7%	1.5%	5.7%	2.9%	4.2%	19.9%	6.9%	44.7%	12.9%	0.6%	7.7
EL	14.9%	5.8%	0.9%	0.7%	0.7%	0.5%	8.0%	7.4%	60.2%	0.7%	23.8
ES	2.3%	4.5%	2.5%	2.9%	6.0%	6.0%	4.9%	8.2%	55.5%	7.2%	320.1
FI	0.5%	1.5%	0.4%	14.6%	1.1%	9.1%	7.2%	32.5%	31.9%	1.2%	58.9
FR	1.2%	7.1%	2.7%	4.3%	2.4%	15.1%	5.8%	33.8%	26.4%	1.3%	417.1
HU	1.0%	0.8%	4.6%	0.7%	0.4%	5.6%	6.4%	47.7%	30.1%	2.6%	55.9
IE	0.4%	3.9%	0.1%	1.6%	0.5%	34.6%	0.7%	12.8%	42.5%	3.0%	206.1
IT	0.8%	7.8%	12.9%	2.3%	0.7%	8.3%	10.6%	36.4%	19.2%	0.8%	435.5
LT	0.6%	4.0%	13.6%	5.7%	18.1%	8.5%	2.6%	33.4%	12.5%	0.9%	5.7
LU	0.1%	0.7%	4.2%	1.6%	0.8%	1.0%	34.5%	17.0%	39.8%	0.2%	3.2
LV	5.3%	40.4%	1.9%	1.3%	0.0%	11.3%	2.9%	13.1%	20.1%	3.4%	5.1
MT	1.8%	0.3%	0.6%	2.0%	0.0%	7.8%	1.8%	28.1%	52.9%	4.8%	4.3
NL	2.7%	5.6%	0.2%	1.8%	2.5%	7.8%	3.3%	14.1%	58.5%	3.5%	257.5
PL	2.9%	6.2%	2.9%	1.8%	0.6%	1.8%	15.2%	34.7%	30.5%	3.3%	148.7
PT	3.8%	4.1%	9.3%	15.2%	3.4%	2.6%	5.3%	11.1%	41.5%	3.7%	62.3
RO	0.3%	0.4%	24.9%	0.9%	0.3%	12.6%	14.0%	35.3%	10.8%	0.4%	44.1
SE	0.2%	2.3%	0.2%	1.8%	0.8%	7.5%	8.5%	36.3%	40.0%	2.6%	131.9
SI	2.0%	0.5%	7.7%	1.5%	0.2%	17.6%	14.8%	26.4%	27.4%	1.9%	9.4
SK	0.2%	0.4%	6.2%	1.2%	0.4%	0.9%	10.2%	51.8%	26.0%	2.8%	20.0
UK	3.2%	2.5%	0.9%	3.0%	2.7%	14.4%	5.4%	28.0%	38.5%	1.3%	780.1
<b>EU-27</b>	<b>1.6%</b>	<b>3.8%</b>	<b>2.7%</b>	<b>3.0%</b>	<b>2.1%</b>	<b>11.7%</b>	<b>7.7%</b>	<b>32.4%</b>	<b>32.8%</b>	<b>2.2%</b>	<b>4,549.9</b>

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

*In 2011, Bulgaria's exports to the United States supported around 23,000 jobs across the EU, of which 16.4% were driven by the exports of the country's machinery and transport equipment industries.*



**A.4. EU employment supported by exports of each Member State to the United States, by skill category (2009; % and 1,000 jobs)**

	Low	Medium	High	Total
AT	17.9%	63.1%	19.0%	74.2
BE	20.3%	52.9%	26.8%	131.4
BG	77.0%	15.5%	7.5%	21.8
CY	22.8%	43.4%	33.8%	1.1
CZ	7.7%	73.1%	19.2%	63.5
DE	16.0%	58.6%	25.4%	942.7
DK	25.2%	46.5%	28.2%	71.8
EE	10.8%	58.7%	30.5%	5.1
EL	33.9%	37.9%	28.2%	25.9
ES	36.6%	25.3%	38.0%	261.5
FI	17.0%	48.4%	34.7%	46.7
FR	23.0%	44.0%	32.9%	364.8
HU	14.6%	64.6%	20.8%	52.7
IE	18.0%	41.5%	40.5%	168.5
IT	37.6%	47.6%	14.8%	390.2
LT	7.5%	64.2%	28.4%	6.7
LU	23.5%	51.8%	24.7%	3.5
LV	12.8%	62.4%	24.8%	3.7
MT	50.3%	29.5%	20.2%	5.3
NL	24.4%	41.4%	34.2%	228.7
PL	9.4%	70.6%	19.9%	94.7
PT	60.9%	23.3%	15.9%	60.2
RO	71.5%	19.1%	9.4%	42.5
SE	18.8%	54.8%	26.4%	107.4
SI	17.7%	61.7%	20.6%	9.6
SK	6.2%	77.0%	16.9%	17.8
UK	21.7%	46.3%	32.1%	731.4
<b>EU-27</b>	<b>23.7%</b>	<b>48.7%</b>	<b>27.7%</b>	<b>3,933.5</b>

*In 2009, German's exports to the United States supported around 943,000 jobs across the EU, of which 25.4% were highly skilled.*

**A.5. US employment supported by exports of each Member State to the United States, by exporting sector (2011; % and 1,000 jobs)**

	Primary	Manufactures	Services	Total
AT	0.3%	63.6%	36.1%	12.4
BE	1.6%	58.6%	39.8%	26.8
BG	5.5%	55.0%	39.5%	0.7
CY	3.8%	10.9%	85.3%	0.4
CZ	0.3%	74.3%	25.3%	8.4
DE	0.4%	85.1%	14.5%	122.3
DK	0.6%	10.0%	89.3%	62.5
EE	1.8%	44.8%	53.4%	0.6
EL	0.4%	2.1%	97.5%	18.6
ES	1.5%	73.7%	24.8%	24.3
FI	1.0%	76.6%	22.3%	10.0
FR	1.8%	84.3%	14.0%	56.1
HU	1.8%	54.8%	43.3%	9.9
IE	0.1%	48.8%	51.0%	127.8
IT	0.6%	84.3%	15.2%	31.1
LT	2.6%	41.9%	55.4%	0.5
LU	0.0%	0.7%	99.3%	61.1
LV	1.7%	34.9%	63.4%	0.5
MT	0.3%	47.2%	52.5%	0.5
NL	1.5%	41.6%	56.9%	49.9
PL	1.6%	66.2%	32.3%	10.7
PT	1.0%	53.3%	45.7%	2.4
RO	2.0%	50.5%	47.4%	1.6
SE	0.4%	62.2%	37.4%	27.7
SI	0.6%	69.3%	30.1%	0.9
SK	0.4%	84.1%	15.5%	1.8
UK	2.7%	66.4%	30.9%	74.8
<b>EU-27</b>	<b>0.9%</b>	<b>54.8%</b>	<b>44.3%</b>	<b>744.3</b>

*In 2011, Belgium's exports to the United States supported around 27,000 jobs in the United States, of which 58.6% were driven by the export from Belgium's manufacturing sector.*

**A.6. US employment supported by exports of each Member State to the United States, by exporting industry (2011; % and 1,000 jobs)**

	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
AT	0.3%	3.1%	0.7%	4.8%	2.9%	5.3%	12.7%	34.0%	33.4%	2.7%	12.4
BE	1.6%	5.5%	1.5%	1.8%	8.7%	16.4%	11.1%	13.6%	36.7%	3.1%	26.8
BG	5.5%	5.7%	3.9%	2.6%	7.6%	6.3%	15.6%	13.3%	33.3%	6.2%	0.7
CY	3.8%	4.3%	0.8%	0.3%	0.0%	0.9%	3.0%	1.5%	83.5%	1.8%	0.4
CZ	0.3%	1.1%	1.9%	2.0%	0.7%	3.8%	8.8%	56.1%	20.9%	4.5%	8.4
DE	0.4%	2.1%	1.2%	2.8%	1.6%	11.5%	11.5%	54.6%	14.0%	0.6%	122.3
DK	0.6%	2.3%	0.1%	0.2%	0.3%	2.2%	0.9%	4.0%	89.1%	0.2%	62.5
EE	1.8%	4.3%	2.7%	9.6%	1.5%	6.7%	5.7%	14.4%	48.9%	4.6%	0.6
EL	0.4%	0.3%	0.3%	0.1%	0.3%	0.2%	0.6%	0.3%	97.2%	0.3%	18.6
ES	1.5%	6.9%	5.3%	2.2%	10.7%	12.6%	11.3%	24.6%	24.0%	0.8%	24.3
FI	1.0%	1.7%	0.9%	10.0%	1.3%	6.9%	9.7%	46.0%	21.8%	0.5%	10.0
FR	1.8%	4.9%	2.1%	1.3%	3.9%	15.6%	5.9%	50.6%	13.7%	0.3%	56.1
HU	1.8%	2.6%	1.2%	1.4%	2.1%	6.0%	5.5%	36.0%	38.2%	5.2%	9.9
IE	0.1%	4.9%	0.0%	11.1%	0.3%	19.2%	0.5%	12.8%	49.7%	1.3%	127.8
IT	0.6%	4.5%	11.8%	1.7%	1.9%	11.5%	13.7%	39.2%	14.7%	0.5%	31.1
LT	2.6%	7.8%	6.3%	2.9%	5.8%	2.3%	3.4%	13.4%	53.4%	2.0%	0.5
LU	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.3%	0.2%	99.2%	0.0%	61.1
LV	1.7%	4.6%	4.3%	4.1%	0.5%	5.0%	8.1%	8.2%	59.8%	3.6%	0.5
MT	0.3%	3.2%	0.3%	2.0%	0.0%	1.5%	1.1%	39.1%	36.8%	15.7%	0.5
NL	1.5%	9.3%	0.3%	1.5%	4.6%	8.1%	2.5%	15.3%	53.1%	3.9%	49.9
PL	1.6%	6.0%	4.4%	3.7%	2.0%	5.7%	13.6%	30.8%	25.5%	6.7%	10.7
PT	1.0%	6.7%	7.8%	5.5%	3.5%	4.1%	7.2%	18.5%	42.8%	2.9%	2.4
RO	2.0%	0.6%	7.7%	3.0%	3.2%	6.2%	10.3%	19.6%	43.3%	4.1%	1.6
SE	0.4%	1.8%	0.1%	5.9%	0.6%	5.8%	7.4%	40.6%	36.2%	1.2%	27.7
SI	0.6%	3.4%	5.0%	7.1%	0.2%	13.6%	13.3%	26.7%	27.5%	2.6%	0.9
SK	0.4%	1.0%	3.9%	2.4%	0.6%	2.2%	8.1%	65.8%	13.6%	1.9%	1.8
UK	2.7%	3.1%	0.9%	1.9%	1.9%	7.0%	6.1%	45.5%	25.8%	5.0%	74.8
<b>EU-27</b>	<b>0.9%</b>	<b>3.6%</b>	<b>1.4%</b>	<b>3.5%</b>	<b>2.1%</b>	<b>9.9%</b>	<b>5.7%</b>	<b>28.5%</b>	<b>42.6%</b>	<b>1.7%</b>	<b>744.3</b>

*In 2011, exports from the Netherlands to the United States supported around 50,000 jobs in the United States, of which 9.3% were driven by the exports of the food industry.*

**A.7. US employment supported by exports of each Member State to the United States, by skill category (2009; % and 1,000 jobs)**

	Low	Medium	High	Total
AT	8.5%	59.1%	32.4%	6.7
BE	8.4%	58.2%	33.4%	16.9
BG	8.6%	58.5%	32.8%	0.8
CY	8.6%	64.4%	27.0%	0.3
CZ	8.2%	56.9%	34.8%	4.6
DE	8.4%	58.7%	32.9%	87.3
DK	8.5%	67.4%	24.2%	42.9
EE	8.2%	56.2%	35.6%	0.5
EL	8.4%	68.7%	22.8%	17.1
ES	8.3%	56.9%	34.7%	13.1
FI	8.1%	54.8%	37.0%	7.3
FR	8.4%	58.0%	33.6%	48.0
HU	8.1%	54.4%	37.4%	6.6
IE	7.8%	54.9%	37.3%	82.9
IT	8.6%	58.4%	33.1%	24.4
LT	8.9%	60.0%	31.1%	0.4
LU	6.5%	51.9%	41.6%	15.9
LV	8.3%	57.8%	33.9%	0.4
MT	8.2%	57.3%	34.5%	0.4
NL	7.9%	54.8%	37.3%	34.9
PL	8.7%	59.4%	31.9%	5.2
PT	8.7%	58.5%	32.8%	1.9
RO	8.0%	55.7%	36.3%	1.4
SE	8.1%	56.1%	35.8%	22.9
SI	8.6%	58.6%	32.8%	0.9
SK	8.5%	59.0%	32.5%	1.6
UK	8.3%	57.1%	34.7%	56.2
<b>EU-27</b>	<b>8.2%</b>	<b>58.1%</b>	<b>33.7%</b>	<b>501.5</b>

*In 2009, Sweden's exports to the United States supported around 23,000 jobs in the United States, of which 35.8% corresponded to highly-skilled jobs.*

**A.8. Employment by Member State supported by EU exports to the United States (2011; 1,000 jobs and % over the total employment supported by all EU exports)**

	Jobs	%
AT	87.3	11.5%
BE	143.1	18.7%
BG	31.6	4.9%
CY	1.5	3.5%
CZ	126.0	14.2%
DE	1,030.4	14.6%
DK	62.2	14.0%
EE	9.7	9.6%
EL	24.6	7.1%
ES	336.6	21.1%
FI	57.2	13.4%
FR	398.8	15.4%
HU	68.3	8.0%
IE	118.1	23.9%
IT	445.5	14.2%
LT	8.1	3.2%
LU	4.1	3.6%
LV	6.2	4.5%
MT	4.0	10.9%
NL	263.5	19.2%
PL	203.8	10.3%
PT	69.0	16.7%
RO	65.1	4.6%
SE	119.5	13.7%
SI	12.8	8.5%
SK	32.0	10.4%
UK	820.7	20.7%
<b>EU-27</b>	<b>4,549.9</b>	<b>14.6%</b>

*In 2011, the exports of the EU as a whole to the United States supported around 399,000 jobs in France. This accounted for 15.4% of the total employment in France supported by EU exports to the rest of the world.*

**A.9. Employment by Member State supported by EU exports to the United States, by sector (2011; % and 1,000 jobs)**

	Primary	Manufactures	Services	Total
AT	5.0%	43.7%	51.3%	87.3
BE	0.9%	21.5%	77.6%	143.1
BG	21.5%	31.8%	46.7%	31.6
CY	27.8%	16.7%	55.5%	1.5
CZ	2.4%	40.7%	56.9%	126.0
DE	1.0%	41.8%	57.2%	1,030.4
DK	2.0%	37.1%	60.9%	62.2
EE	4.4%	50.1%	45.5%	9.7
EL	15.3%	19.5%	65.1%	24.6
ES	3.5%	20.8%	75.7%	336.6
FI	4.2%	36.5%	59.3%	57.2
FR	2.9%	32.2%	64.9%	398.8
HU	3.9%	47.5%	48.6%	68.3
IE	2.4%	26.6%	71.0%	118.1
IT	3.0%	46.7%	50.3%	445.5
LT	7.1%	50.1%	42.7%	8.1
LU	1.1%	37.4%	61.6%	4.1
LV	11.2%	38.9%	50.0%	6.2
MT	1.5%	28.0%	70.5%	4.0
NL	2.9%	16.9%	80.2%	263.5
PL	9.0%	42.0%	49.0%	203.8
PT	11.5%	28.7%	59.8%	69.0
RO	10.6%	58.3%	31.1%	65.1
SE	1.8%	30.9%	67.3%	119.5
SI	4.8%	49.0%	46.3%	12.8
SK	1.9%	44.5%	53.6%	32.0
UK	2.9%	31.6%	65.5%	820.7
<b>EU-27</b>	<b>3.2%</b>	<b>35.1%</b>	<b>61.7%</b>	<b>4,549.9</b>

*In 2011, the exports of the whole EU to the United States supported around 399,000 jobs in France, of which 64.9% were in the services sector.*

**A.10. Employment by Member State supported by EU exports to the United States, by industry (2011; % and 1,000 jobs)**

	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
AT	5.0%	1.9%	0.7%	2.9%	0.8%	3.5%	11.6%	22.3%	44.3%	7.0%	87.3
BE	0.9%	1.0%	0.6%	1.7%	1.2%	4.1%	5.4%	7.4%	68.3%	9.3%	143.1
BG	21.5%	1.8%	7.2%	1.8%	2.4%	1.7%	6.5%	10.5%	32.4%	14.2%	31.6
CY	27.8%	2.3%	1.8%	0.9%	0.3%	1.8%	6.8%	2.8%	50.8%	4.7%	1.5
CZ	2.4%	0.8%	1.3%	3.2%	0.8%	2.1%	15.2%	17.2%	42.5%	14.5%	126.0
DE	1.0%	0.8%	0.4%	2.4%	0.7%	3.9%	11.0%	22.6%	51.1%	6.1%	1,030.4
DK	2.0%	2.2%	0.1%	2.5%	0.5%	6.1%	5.7%	20.0%	52.2%	8.7%	62.2
EE	4.4%	0.8%	4.0%	3.9%	3.6%	6.3%	7.7%	23.8%	40.1%	5.4%	9.7
EL	15.3%	2.1%	0.9%	1.1%	0.7%	1.0%	7.7%	5.9%	60.9%	4.3%	24.6
ES	3.5%	1.4%	1.5%	3.3%	1.6%	2.3%	5.2%	5.5%	61.3%	14.4%	336.6
FI	4.2%	0.8%	0.4%	7.7%	0.9%	3.4%	7.8%	15.4%	52.4%	6.9%	57.2
FR	2.9%	2.5%	1.6%	3.4%	0.9%	2.6%	8.0%	13.2%	57.8%	7.1%	398.8
HU	3.9%	0.9%	3.3%	2.0%	1.8%	2.7%	9.2%	27.6%	40.4%	8.2%	68.3
IE	2.4%	2.0%	0.1%	1.0%	1.1%	9.4%	1.9%	11.1%	58.9%	12.1%	118.1
IT	3.0%	2.8%	7.4%	2.5%	0.9%	3.1%	11.9%	18.1%	44.2%	6.0%	445.5
LT	7.1%	2.1%	8.7%	6.4%	5.6%	3.3%	5.8%	18.1%	33.7%	9.0%	8.1
LU	1.1%	0.9%	0.9%	2.7%	1.0%	1.3%	21.4%	9.2%	54.7%	6.9%	4.1
LV	11.2%	13.8%	1.5%	4.3%	1.1%	5.3%	4.3%	8.6%	39.4%	10.6%	6.2
MT	1.5%	0.4%	0.5%	2.4%	1.6%	6.7%	2.1%	14.4%	56.1%	14.4%	4.0
NL	2.9%	1.6%	0.1%	1.8%	0.4%	2.1%	3.7%	7.2%	71.1%	9.1%	263.5
PL	9.0%	1.9%	2.7%	3.5%	1.5%	1.5%	14.2%	16.7%	39.0%	10.0%	203.8
PT	11.5%	1.0%	6.7%	7.3%	0.6%	1.0%	5.8%	6.3%	50.8%	9.0%	69.0
RO	10.6%	0.5%	14.9%	1.6%	2.1%	3.2%	11.4%	24.7%	27.6%	3.5%	65.1
SE	1.8%	1.1%	0.2%	2.9%	0.8%	2.5%	7.6%	15.8%	55.8%	11.5%	119.5
SI	4.8%	0.6%	4.0%	2.9%	1.3%	6.0%	16.3%	17.8%	39.2%	7.1%	12.8
SK	1.9%	0.6%	3.7%	3.1%	1.1%	0.7%	14.0%	21.2%	44.6%	9.0%	32.0
UK	2.9%	1.2%	0.5%	2.6%	1.9%	6.3%	5.0%	14.1%	58.7%	6.8%	820.7
<b>EU-27</b>	<b>3.2%</b>	<b>1.5%</b>	<b>1.8%</b>	<b>2.7%</b>	<b>1.2%</b>	<b>3.8%</b>	<b>8.4%</b>	<b>15.7%</b>	<b>53.6%</b>	<b>8.1%</b>	<b>4,549.9</b>

*In 2011, the exports of the whole EU to the United States supported around 69,000 jobs in Portugal, of which 7.3% were in the textile industry.*

**A.11. Employment by Member State supported by EU exports to the United States, by skill category (2009; % and 1,000 jobs)**

	Low	Medium	High	Total
AT	16.6%	65.6%	17.7%	70.1
BE	18.9%	54.8%	26.3%	117.6
BG	76.6%	15.8%	7.6%	32.1
CY	22.2%	43.3%	34.5%	1.3
CZ	5.8%	77.7%	16.5%	86.2
DE	14.5%	59.2%	26.3%	894.4
DK	26.8%	44.0%	29.1%	62.8
EE	9.8%	59.0%	31.2%	7.5
EL	33.0%	37.7%	29.3%	25.4
ES	37.8%	23.4%	38.9%	274.6
FI	16.5%	47.1%	36.4%	46.3
FR	22.4%	42.7%	34.9%	348.5
HU	12.4%	67.8%	19.8%	63.4
IE	17.0%	37.4%	45.7%	91.8
IT	38.8%	47.3%	13.9%	394.5
LT	6.5%	64.4%	29.0%	9.4
LU	23.3%	45.8%	30.9%	4.5
LV	12.7%	62.9%	24.4%	5.4
MT	57.8%	24.2%	18.0%	4.8
NL	25.7%	39.8%	34.5%	229.9
PL	8.1%	72.6%	19.3%	150.7
PT	64.4%	21.3%	14.3%	66.1
RO	74.2%	17.1%	8.7%	63.0
SE	18.5%	55.1%	26.5%	97.1
SI	15.9%	63.8%	20.3%	12.6
SK	3.4%	81.9%	14.7%	28.9
UK	21.3%	45.5%	33.2%	744.6
<b>EU-27</b>	<b>23.7%</b>	<b>48.7%</b>	<b>27.7%</b>	<b>3,933.5</b>

*In 2009, the exports of the whole EU to the United States supported around 70,000 jobs in Austria, of which 17.7% were highly skilled.*



**A.12. Employment by Member State supported by EU exports to the United States, by sector and skill category (2009; %)**

	Primary			Manufactures			Services		
	Low	Medium	High	Low	Medium	High	Low	Medium	High
AT	1.1%	2.9%	0.6%	7.9%	30.4%	7.1%	7.6%	32.3%	10.0%
BE	0.4%	0.6%	0.1%	6.5%	15.8%	3.9%	12.0%	38.4%	22.4%
BG	29.2%	0.8%	0.4%	24.4%	4.7%	2.1%	23.0%	10.3%	5.1%
CY	2.1%	1.3%	0.4%	5.5%	7.9%	2.8%	14.6%	34.1%	31.3%
CZ	0.3%	2.4%	0.3%	3.1%	38.0%	3.9%	2.4%	37.3%	12.3%
DE	0.2%	0.8%	0.3%	7.1%	27.4%	10.7%	7.2%	31.0%	15.3%
DK	0.9%	0.8%	0.5%	11.2%	17.9%	9.9%	14.7%	25.3%	18.7%
EE	1.0%	3.6%	1.3%	5.5%	32.0%	12.7%	3.3%	23.4%	17.2%
EL	12.8%	3.4%	0.5%	9.2%	9.1%	3.1%	11.0%	25.2%	25.7%
ES	2.7%	0.5%	0.4%	10.1%	5.0%	6.9%	25.0%	17.9%	31.6%
FI	1.4%	2.8%	1.1%	7.0%	21.0%	13.4%	8.1%	23.3%	22.0%
FR	0.9%	1.9%	0.5%	8.1%	16.3%	9.2%	13.4%	24.5%	25.2%
HU	0.8%	2.0%	0.3%	7.6%	34.8%	6.0%	4.0%	30.9%	13.5%
IE	2.3%	1.3%	0.5%	5.9%	11.3%	10.5%	8.8%	24.7%	34.7%
IT	2.2%	0.9%	0.1%	21.5%	22.0%	3.8%	15.0%	24.4%	10.0%
LT	1.1%	5.8%	0.9%	3.7%	37.0%	12.0%	1.8%	21.5%	16.2%
LU	0.3%	0.6%	0.1%	10.1%	20.3%	9.1%	12.9%	24.9%	21.7%
LV	3.0%	6.9%	1.2%	6.1%	27.7%	7.4%	3.7%	28.2%	15.9%
MT	3.6%	0.1%	0.0%	20.6%	3.9%	1.7%	33.5%	20.2%	16.3%
NL	1.5%	1.7%	0.4%	6.1%	7.8%	4.1%	18.1%	30.3%	30.1%
PL	2.1%	7.8%	0.7%	3.9%	35.0%	7.0%	2.2%	29.8%	11.6%
PT	10.4%	0.3%	0.2%	25.2%	4.5%	1.9%	28.8%	16.5%	12.2%
RO	10.5%	0.4%	0.3%	48.5%	8.9%	3.8%	15.2%	7.7%	4.6%
SE	0.8%	1.4%	0.3%	8.5%	24.1%	6.7%	9.2%	29.5%	19.4%
SI	2.6%	3.7%	0.7%	9.8%	34.3%	7.7%	3.5%	25.9%	11.9%
SK	0.2%	1.5%	0.2%	1.9%	43.7%	4.2%	1.2%	36.7%	10.3%
UK	0.9%	1.3%	0.7%	7.8%	15.9%	8.6%	12.7%	28.3%	24.0%
<b>EU-27</b>	<b>1.7%</b>	<b>1.5%</b>	<b>0.4%</b>	<b>9.9%</b>	<b>19.8%</b>	<b>7.7%</b>	<b>12.1%</b>	<b>27.4%</b>	<b>19.6%</b>

*In 2009, the exports of the whole EU to the United States supported around 70,000 jobs in Austria, of which 7.1% were highly skilled jobs in the manufacturing sector.*

**A.13. Employment by Member State supported by EU exports to the United States, by effect (2011; % and 1,000 jobs)**

	Domestic	Spillover	Total
AT	77.7%	22.3%	87.3
BE	80.6%	19.4%	143.1
BG	69.2%	30.8%	31.6
CY	78.4%	21.6%	1.5
CZ	69.7%	30.3%	126.0
DE	87.6%	12.4%	1,030.4
DK	86.2%	13.8%	62.2
EE	69.1%	30.9%	9.7
EL	89.9%	10.1%	24.6
ES	86.8%	13.2%	336.6
FI	84.3%	15.7%	57.2
FR	86.2%	13.8%	398.8
HU	65.6%	34.4%	68.3
IE	95.1%	4.9%	118.1
IT	86.3%	13.7%	445.5
LT	62.9%	37.1%	8.1
LU	36.3%	63.7%	4.1
LV	72.5%	27.5%	6.2
MT	84.9%	15.1%	4.0
NL	82.0%	18.0%	263.5
PL	66.4%	33.6%	203.8
PT	82.5%	17.5%	69.0
RO	63.5%	36.5%	65.1
SE	87.1%	12.9%	119.5
SI	62.6%	37.4%	12.8
SK	50.6%	49.4%	32.0
UK	86.3%	13.7%	820.7
<b>EU-27</b>	<b>83.6%</b>	<b>16.4%</b>	<b>4,549.9</b>

*In 2011, of the 820,700 jobs in the United Kingdom supported by exports of the whole EU to the United States, 86.3% were due to the United Kingdom's direct exports to the US market. The rest was associated with spill-over effects (i.e. employment in firms in the United Kingdom that supplied inputs to be used in the exports from other Member States to the United States).*

**A.14. Employment by Member State supported by exports of each Member State to the United States (2011; 1,000 jobs)**

		Exports by																												Total
		AT	BE	BG	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HU	IE	IT	LT	LU	LV	MT	NL	PL	PT	RO	SE	SI	SK	UK		
Employment in	AT	67.8	0.6	0.0	0.0	0.6	10.0	0.2	0.0	0.0	0.4	0.2	1.2	0.5	0.6	2.0	0.0	0.0	0.0	0.0	0.6	0.4	0.1	0.1	0.5	0.1	0.1	1.3	87.3	
	BE	0.5	115.4	0.0	0.0	0.3	7.4	0.6	0.0	0.1	1.1	0.3	4.2	0.2	2.4	1.7	0.0	0.3	0.0	0.0	3.6	0.3	0.1	0.0	0.9	0.0	0.0	3.5	143.1	
	BG	0.4	1.0	21.9	0.0	0.1	2.6	0.1	0.0	0.3	0.5	0.1	0.9	0.1	0.2	1.7	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.2	0.1	0.0	0.0	0.6	31.6	
	CY	0.0	0.0	0.0	1.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	
	CZ	3.2	1.3	0.0	0.0	87.8	18.6	0.4	0.0	0.0	0.7	0.3	2.3	0.7	1.1	2.0	0.0	0.1	0.0	0.0	1.4	1.2	0.1	0.1	0.9	0.1	0.8	2.7	126.0	
	DE	11.9	9.9	0.1	0.0	4.6	902.9	4.3	0.2	0.3	5.3	2.1	20.9	2.9	9.7	12.7	0.1	0.5	0.1	0.1	10.3	4.3	0.8	0.5	6.3	0.3	0.9	18.6	1,030.4	
	DK	0.1	0.3	0.0	0.0	0.1	2.1	53.6	0.0	0.0	0.2	0.3	0.5	0.0	0.7	0.3	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.0	1.7	0.0	0.0	1.4	62.2	
	EE	0.0	0.1	0.0	0.0	0.0	0.4	0.1	6.7	0.0	0.0	0.7	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.7	0.0	0.0	0.2	9.7	
	EL	0.0	0.1	0.0	0.0	0.0	0.5	0.1	0.0	22.2	0.1	0.1	0.1	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.3	24.6	
	ES	1.0	2.4	0.0	0.0	0.6	10.0	0.8	0.0	0.1	292.3	0.4	8.1	0.3	4.1	4.7	0.0	0.1	0.0	0.0	2.6	0.7	2.3	0.1	1.2	0.0	0.1	4.8	336.6	
	FI	0.2	0.4	0.0	0.0	0.1	2.5	0.4	0.1	0.0	0.3	48.3	0.6	0.1	0.4	0.4	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.0	1.6	0.0	0.0	1.1	57.2	
	FR	1.2	5.0	0.0	0.0	0.6	18.0	0.7	0.0	0.1	4.2	0.5	343.9	0.5	4.1	5.8	0.0	0.2	0.0	0.2	3.0	0.7	0.4	0.2	1.9	0.1	0.2	7.2	398.8	
	HU	1.8	0.6	0.1	0.0	0.6	10.2	0.3	0.0	0.0	1.2	0.2	1.4	44.8	0.8	1.7	0.0	0.0	0.0	0.0	0.7	0.6	0.1	0.3	0.6	0.1	0.3	1.9	68.3	
	IE	0.1	0.4	0.0	0.0	0.1	1.0	0.1	0.0	0.0	0.4	0.1	0.5	0.0	112.2	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.3	0.0	0.0	2.0	118.1		
	IT	2.7	3.0	0.1	0.0	0.9	20.7	0.9	0.0	0.3	3.5	0.6	8.9	0.7	5.7	384.6	0.0	0.1	0.0	0.2	2.0	1.3	0.4	0.4	1.4	0.3	0.2	6.4	445.5	
	LT	0.1	0.2	0.0	0.0	0.0	0.7	0.2	0.1	0.0	0.1	0.1	0.2	0.0	0.3	0.1	5.1	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.3	0.0	0.0	0.2	8.1	
	LU	0.1	0.6	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.1	0.0	1.5	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	4.1	
	LV	0.1	0.1	0.0	0.0	0.0	0.4	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	4.5	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.2	6.2	
	MT	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	4.0	
	NL	0.8	6.0	0.0	0.0	0.5	12.9	1.6	0.0	0.1	2.2	0.9	3.8	0.6	5.3	2.6	0.0	0.1	0.0	0.0	216.2	0.5	0.2	0.1	1.5	0.0	0.1	7.2	263.5	
	PL	2.2	2.3	0.1	0.0	2.8	30.2	1.8	0.2	0.1	1.4	0.8	5.1	1.5	2.7	3.8	0.2	0.1	0.1	0.0	2.5	135.2	0.1	0.3	2.9	0.1	0.5	6.8	203.8	
	PT	0.2	0.6	0.0	0.0	0.1	2.7	0.1	0.0	0.0	2.4	0.1	1.6	0.1	1.5	0.7	0.0	0.0	0.0	0.0	0.5	0.1	56.9	0.0	0.3	0.0	0.0	1.1	69.0	
	RO	1.5	1.1	0.3	0.0	0.5	8.1	0.2	0.0	0.1	1.0	0.1	2.1	1.2	0.4	3.3	0.0	0.0	0.0	0.0	0.8	0.5	0.1	41.3	0.4	0.1	0.2	1.5	65.1	
	SE	0.4	0.8	0.0	0.0	0.2	4.3	1.5	0.1	0.0	0.4	1.4	1.0	0.1	0.8	0.7	0.0	0.0	0.0	0.0	1.0	0.3	0.0	0.0	104.1	0.0	0.0	2.1	119.5	
	SI	0.5	0.1	0.0	0.0	0.1	2.0	0.1	0.0	0.0	0.1	0.0	0.4	0.1	0.1	0.7	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	8.0	0.0	0.3	12.8	
	SK	1.3	0.3	0.0	0.0	1.6	6.2	0.2	0.0	0.0	0.3	0.1	1.1	0.7	0.2	1.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.1	0.6	0.0	16.2	0.9	32.0	
	UK	1.4	5.9	0.0	0.0	0.7	20.8	2.1	0.1	0.1	2.1	1.1	7.6	0.6	51.9	3.8	0.0	0.1	0.0	0.2	9.2	0.9	0.4	0.1	3.5	0.1	0.1	707.9	820.7	
	Total	99.6	158.6	22.8	1.4	103.1	1,096.0	70.6	7.7	23.8	320.1	58.9	417.1	55.9	206.1	435.5	5.7	3.2	5.1	4.3	257.5	148.7	62.3	44.1	131.9	9.4	20.0	780.1	4,549.9	

In 2011, Germany's exports to the United States supported almost 19,000 jobs in the Czech Republic.

**A.15. Top-3 locations of employment supported by the exports of each Member State to the United States (2011; %)**

<b>AT</b>		<b>BE</b>		<b>BG</b>		<b>CY</b>		<b>CZ</b>	
AT	68.1%	BE	72.7%	BG	95.8%	CY	87.0%	CZ	85.2%
DE	11.9%	DE	6.3%	RO	1.3%	RO	2.5%	DE	4.5%
CZ	3.2%	NL	3.8%	DE	0.6%	BG	2.4%	PL	2.7%
IT	2.8%	UK	3.7%	IT	0.3%	DE	1.1%	SK	1.5%
Other	14.0%	Other	13.5%	Other	2.0%	Other	6.9%	Other	6.1%
<b>DE</b>		<b>DK</b>		<b>EE</b>		<b>EL</b>		<b>ES</b>	
DE	82.4%	DK	76.0%	EE	87.2%	EL	93.1%	ES	91.3%
PL	2.8%	DE	6.1%	PL	2.3%	BG	1.4%	DE	1.6%
UK	1.9%	UK	2.9%	DE	2.0%	IT	1.2%	FR	1.3%
IT	1.9%	PL	2.6%	FI	0.5%	DE	1.1%	IT	1.1%
Other	11.1%	Other	12.4%	Other	7.9%	Other	3.3%	Other	4.7%
<b>FI</b>		<b>FR</b>		<b>HU</b>		<b>IE</b>		<b>IT</b>	
FI	82.0%	FR	82.4%	HU	80.2%	IE	54.5%	IT	88.3%
DE	3.6%	DE	5.0%	DE	5.2%	UK	25.2%	DE	2.9%
SE	2.4%	IT	2.1%	PL	2.6%	DE	4.7%	FR	1.3%
UK	1.8%	ES	1.9%	RO	2.2%	IT	2.8%	ES	1.1%
Other	10.2%	Other	8.4%	Other	9.8%	Other	12.9%	Other	6.4%
<b>LT</b>		<b>LU</b>		<b>LV</b>		<b>MT</b>		<b>NL</b>	
LT	88.6%	LU	46.1%	LV	88.8%	MT	80.0%	NL	83.9%
PL	3.9%	DE	14.1%	LT	2.7%	IT	4.1%	DE	4.0%
DE	1.4%	BE	9.4%	PL	2.2%	UK	4.0%	UK	3.6%
LV	1.3%	FR	7.2%	EE	1.2%	FR	4.0%	BE	1.4%
Other	4.8%	Other	23.2%	Other	5.0%	Other	7.9%	Other	7.1%
<b>PL</b>		<b>PT</b>		<b>RO</b>		<b>SE</b>		<b>SI</b>	
PL	90.9%	PT	91.4%	RO	93.6%	SE	78.9%	SI	84.9%
DE	2.9%	ES	3.7%	DE	1.2%	DE	4.8%	DE	3.3%
IT	0.9%	DE	1.3%	IT	1.0%	UK	2.6%	IT	3.0%
CZ	0.8%	IT	0.7%	HU	0.7%	PL	2.2%	PL	1.2%
Other	4.5%	Other	3.0%	Other	3.6%	Other	11.5%	Other	7.6%
<b>SK</b>		<b>UK</b>							
SK	81.1%	UK	90.7%						
DE	4.6%	DE	2.4%						
CZ	4.2%	FR	0.9%						
PL	2.5%	NL	0.9%						
Other	7.7%	Other	5.0%						

*In 2011, Poland's exports to the United States supported 149,000 jobs across the EU: 91% were in Poland, 3% in Germany; and 1% both in Italy and the Czech Republic. The rest were in other Member States.*

**A.16. EU employment supported by EU exports to the United States: industry inter-linkages (2011; 1,000 jobs)**

		Exports by										
		P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
Employment in	P	50.5	39.8	3.7	7.3	5.9	8.6	6.4	15.7	7.2	0.9	145.9
	M1	0.9	54.5	1.1	0.4	0.3	3.8	0.8	3.4	2.5	0.3	68.0
	M2	0.1	0.3	73.5	0.3	0.2	1.5	1.0	5.5	1.2	0.1	83.7
	M3	0.4	2.4	1.0	66.8	1.0	8.7	4.1	21.4	16.6	1.0	123.4
	M4	0.5	1.2	0.6	1.1	24.3	6.9	3.8	9.7	4.5	0.4	53.0
	M5	0.3	0.7	0.8	0.9	1.5	155.5	2.8	7.0	2.0	0.2	171.7
	M6	1.2	4.1	2.4	2.6	3.3	18.2	192.2	145.6	11.5	1.6	382.8
	M7	0.8	2.2	1.5	2.2	2.5	11.1	11.8	669.4	13.3	1.1	716.0
	S1	14.7	59.5	33.2	45.3	46.3	274.3	107.7	514.3	1,327.6	14.8	2,437.8
	S2	3.3	9.1	5.1	10.0	9.4	44.1	18.8	81.1	105.8	80.7	367.6
	Total	72.7	173.9	123.0	136.8	94.8	532.7	349.5	1,473.1	1,492.2	101.1	4,549.9

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

*In 2011, the exports of the EU chemical industry to the United States supported around 274,300 jobs in the EU transport, trade and business services industries.*



## **B. Background data on employment and trade**

**B.1. Background data on trade and employment (2011; billion EUR, 1,000 jobs and %)**

	Total EU exports (bn EUR)	Exports to EU countries (bn EUR)	Exports to the rest of the World (bn EUR)	Exports to the United states (bn EUR)	EU exports to US (as % of extra-EU exports)	Employment (1,000 jobs)
AT	152.5	88.1	64.3	8.3	12.8%	4,295
BE	266.8	185.7	81.1	15.7	19.4%	4,530
BG	17.2	8.8	8.3	0.4	4.4%	3,463
CY	3.5	1.3	2.2	0.1	2.7%	394
CZ	118.4	86.3	32.1	3.9	12.1%	5,147
DE	1,151.6	569.9	581.7	86.1	14.8%	41,987
DK	114.3	50.9	63.5	6.5	10.3%	2,739
EE	8.3	5.2	3.0	0.3	10.1%	617
EL	30.6	6.3	24.3	1.1	4.6%	5,183
ES	277.7	169.1	108.6	24.5	22.6%	18,247
FI	74.9	33.7	41.3	5.6	13.5%	2,493
FR	496.7	255.6	241.1	36.7	15.2%	25,566
HU	82.1	54.5	27.7	2.4	8.8%	4,022
IE	156.1	59.2	96.9	32.4	33.5%	1,895
IT	428.6	209.4	219.2	30.6	13.9%	25,096
LT	14.6	7.0	7.6	0.4	5.0%	1,416
LU	65.0	17.7	47.3	0.4	0.7%	375
LV	7.6	3.4	4.1	0.2	3.7%	857
MT	4.0	1.9	2.0	0.2	11.8%	174
NL	385.9	267.6	118.2	22.3	18.9%	8,816
PL	163.0	111.1	51.8	5.1	9.9%	15,748
PT	41.3	26.1	15.1	2.8	18.4%	5,021
RO	38.9	20.9	18.0	0.8	4.7%	10,673
SE	179.2	81.2	98.0	13.8	14.0%	4,600
SI	18.2	11.7	6.4	0.4	6.8%	934
SK	45.1	34.7	10.4	0.9	8.3%	2,251
UK	503.9	253.7	250.2	60.8	24.3%	32,888
<b>EU-27</b>	<b>4,845.8</b>	<b>2,621.4</b>	<b>2,224.5</b>	<b>362.5</b>	<b>16.3%</b>	<b>229,426</b>

*In 2011, the Czech Republic exported 118.4bn EUR, of which 32.1bn EUR were sent to outside the EU . Around 3.9bn EUR were exported to the United States.*



**B.2. Employment by sector (2011; % and 1,000 jobs)**

	Primary	Manufactures	Services	Total
AT	7.2%	16.7%	76.1%	4,295
BE	1.5%	12.6%	85.9%	4,530
BG	16.5%	19.0%	64.5%	3,463
CY	4.7%	9.6%	85.7%	394
CZ	4.0%	28.3%	67.7%	5,147
DE	2.2%	18.3%	79.6%	41,987
DK	2.8%	12.7%	84.5%	2,739
EE	4.5%	18.5%	77.0%	617
EL	10.4%	11.2%	78.4%	5,183
ES	4.8%	13.1%	82.1%	18,247
FI	4.6%	17.1%	78.3%	2,493
FR	3.0%	11.7%	85.3%	25,566
HU	9.9%	24.3%	65.8%	4,022
IE	3.4%	13.7%	82.9%	1,895
IT	3.9%	19.4%	76.7%	25,096
LT	8.0%	14.1%	77.9%	1,416
LU	1.2%	9.6%	89.2%	375
LV	6.0%	11.5%	82.5%	857
MT	3.1%	14.6%	82.3%	174
NL	2.9%	10.8%	86.2%	8,816
PL	13.0%	20.2%	66.9%	15,748
PT	11.9%	14.3%	73.9%	5,021
RO	27.1%	16.9%	56.0%	10,673
SE	2.4%	14.8%	82.8%	4,600
SI	8.4%	21.5%	70.1%	934
SK	4.0%	21.6%	74.3%	2,251
UK	2.1%	10.4%	87.6%	32,888
<b>EU-27</b>	<b>5.6%</b>	<b>15.6%</b>	<b>78.8%</b>	<b>229,426</b>

*In 2011, 89.2% of employment in Luxembourg was in the services sector.*

### **B.3. Employment by industry (2011; % and 1,000 jobs)**

	P	M1	M2	M3	M4	M5	M6	M7	S1	S2	Total
AT	7.2%	1.8%	0.6%	2.2%	0.8%	0.6%	4.5%	6.3%	34.8%	41.3%	4,295
BE	1.5%	1.9%	0.8%	1.1%	0.9%	1.4%	3.4%	3.1%	40.5%	45.4%	4,530
BG	16.5%	3.2%	5.2%	1.3%	1.4%	0.6%	3.2%	4.1%	26.4%	38.1%	3,463
CY	4.7%	2.8%	0.5%	1.6%	0.4%	0.4%	2.7%	1.2%	34.3%	51.4%	394
CZ	4.0%	2.8%	1.5%	2.9%	1.3%	0.8%	8.0%	10.9%	32.4%	35.3%	5,147
DE	2.2%	1.9%	0.4%	1.4%	0.8%	1.0%	4.8%	8.2%	38.4%	41.1%	41,987
DK	2.8%	2.4%	0.2%	1.5%	0.5%	0.8%	2.4%	4.7%	36.6%	48.0%	2,739
EE	4.5%	2.2%	2.4%	3.0%	1.9%	0.4%	3.6%	5.0%	32.6%	44.5%	617
EL	10.4%	2.3%	1.7%	1.1%	0.5%	0.6%	2.5%	2.7%	38.5%	39.9%	5,183
ES	4.8%	2.3%	0.9%	1.5%	0.6%	0.9%	3.1%	3.7%	35.0%	47.1%	18,247
FI	4.6%	1.5%	0.5%	3.5%	0.7%	0.8%	3.9%	6.2%	32.3%	46.0%	2,493
FR	3.0%	1.8%	0.5%	1.2%	0.8%	0.4%	3.1%	3.8%	37.7%	47.5%	25,566
HU	9.9%	4.5%	1.6%	1.7%	2.3%	1.0%	4.1%	9.1%	30.1%	35.7%	4,022
IE	3.4%	2.2%	0.2%	1.3%	1.2%	1.7%	1.8%	5.2%	31.0%	51.9%	1,895
IT	3.9%	2.2%	2.8%	1.5%	0.7%	0.9%	4.9%	6.4%	34.6%	42.1%	25,096
LT	8.0%	3.0%	2.0%	1.9%	2.0%	0.3%	1.6%	3.2%	30.9%	47.0%	1,416
LU	1.2%	1.6%	0.3%	1.0%	0.6%	0.3%	4.0%	1.8%	48.0%	41.2%	375
LV	6.0%	2.6%	1.0%	2.5%	1.4%	0.5%	1.4%	2.0%	33.5%	49.0%	857
MT	3.1%	1.8%	0.5%	1.5%	2.1%	1.6%	1.5%	5.5%	34.8%	47.5%	174
NL	2.9%	1.8%	0.2%	1.3%	0.4%	0.8%	2.1%	4.2%	42.3%	43.9%	8,816
PL	13.0%	3.2%	2.2%	2.3%	1.7%	0.7%	4.9%	5.2%	28.2%	38.7%	15,748
PT	11.9%	1.8%	3.9%	1.7%	0.4%	0.4%	3.0%	3.1%	30.8%	43.1%	5,021
RO	27.1%	1.8%	4.0%	1.2%	1.4%	0.4%	2.9%	5.1%	30.0%	26.0%	10,673
SE	2.4%	1.2%	0.2%	2.3%	0.9%	0.6%	3.3%	6.3%	32.9%	49.9%	4,600
SI	8.4%	1.9%	1.5%	2.4%	1.4%	1.3%	5.8%	7.0%	32.8%	37.3%	934
SK	4.0%	2.3%	2.1%	2.7%	1.7%	0.4%	5.6%	7.1%	37.5%	36.8%	2,251
UK	2.1%	1.4%	0.3%	1.3%	0.7%	0.8%	2.1%	3.8%	39.8%	47.8%	32,888
<b>EU-27</b>	<b>5.6%</b>	<b>2.1%</b>	<b>1.2%</b>	<b>1.5%</b>	<b>0.9%</b>	<b>0.8%</b>	<b>3.7%</b>	<b>5.4%</b>	<b>35.9%</b>	<b>42.9%</b>	<b>229,426</b>

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

*In 2011, 9.1% of total employment in Hungary was in the machinery and transport equipment industries.*

**B.4. Employment by skill category (2009; % and 1,000 jobs)**

	Low	Medium	High	Total
AT	16.3%	63.9%	19.9%	4,213
BE	19.7%	58.2%	22.1%	4,438
BG	69.5%	18.2%	12.3%	3,740
CY	24.4%	39.7%	35.9%	393
CZ	5.3%	77.1%	17.6%	5,232
DE	14.4%	57.7%	27.9%	40,850
DK	25.5%	42.6%	31.9%	2,856
EE	9.0%	52.7%	38.3%	614
EL	34.6%	39.8%	25.6%	5,035
ES	40.6%	24.1%	35.3%	19,258
FI	15.3%	46.3%	38.4%	2,468
FR	22.7%	43.6%	33.7%	25,522
HU	12.2%	64.4%	23.4%	3,958
IE	21.4%	38.8%	39.9%	2,002
IT	36.8%	45.9%	17.3%	25,079
LT	5.8%	57.9%	36.3%	1,443
LU	23.6%	42.9%	33.5%	380
LV	10.1%	59.6%	30.2%	955
MT	61.7%	22.3%	16.0%	162
NL	25.5%	42.6%	31.9%	8,694
PL	8.2%	66.5%	25.2%	15,786
PT	66.3%	19.1%	14.6%	5,053
RO	74.5%	15.3%	10.3%	9,212
SE	17.4%	50.3%	32.3%	4,425
SI	13.4%	61.3%	25.3%	974
SK	3.9%	77.6%	18.4%	2,251
UK	19.6%	45.2%	35.3%	30,972
<b>EU-27</b>	<b>25.8%</b>	<b>46.8%</b>	<b>27.4%</b>	<b>225,964</b>

*In 2011, 39.9% of total employment in Ireland was highly skilled.*



## **C. Country factsheets**

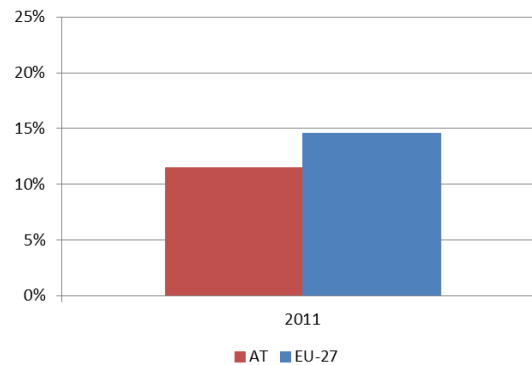
## Austria



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	4 295	229 426	1.9%
Extra-EU exports	bn-EUR	64	2 224	2.9%
Exports to US	bn-EUR	8	363	2.3%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Austria to the United States		163.7
A.1	EU employment supported by exports of Austria to the United States		99.6
A.1	Employment in the United States supported by exports of Austria to the United States		12.4
A.8	Employment in Austria supported by EU exports to the United States		87.3
A.13	Of which:	Domestic	77.7%
		Spillover	22.3%
			100.0%

**Share of total employment in Austria and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Austria



EU employment supported by the exports of Austria to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	1%	2%
		Manufacturing	77%	63%
		Services	22%	35%
A.4	by skill*	Low skill	18%	24%
		Medium skill	63%	49%
		High skill	19%	28%
Employment in Austria supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	5%	3%
		Manufacturing	44%	35%
		Services	51%	62%
A.11	by skill*	Low skill	17%	24%
		Medium skill	66%	49%
		High skill	18%	28%
Employment in the United States supported by the exports of Austria to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	0%	1%
		Manufacturing	64%	55%
		Services	36%	44%
A.7	by skill*	Low skill	9%	8%
		Medium skill	59%	58%
		High skill	32%	34%

\*figures correspond to 2009 instead of 2011

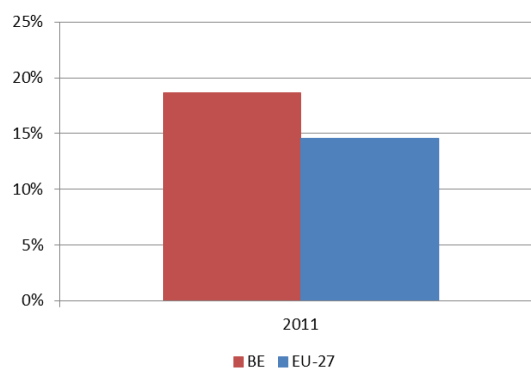
## Belgium



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	4 530	229 426	2.0%
Extra-EU exports	bn-EUR	81	2 224	3.6%
Exports to US	bn-EUR	16	363	4.3%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Belgium to the United States		313.5
A.1	EU employment supported by exports of Belgium to the United States		158.6
A.1	Employment in the United States supported by exports of Belgium to the United States		26.8
A.8	Employment in Belgium supported by EU exports to the United States		143.1
A.13	Of which:	Domestic	80.6%
		Spillover	19.4%
			100.0%

**Share of total employment in Belgium and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**





## Belgium



EU employment supported by the exports of Belgium to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	1%	2%
		Manufacturing	47%	63%
		Services	53%	35%
A.4	by skill*	Low skill	20%	24%
		Medium skill	53%	49%
		High skill	27%	28%
Employment in Belgium supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	1%	3%
		Manufacturing	22%	35%
		Services	78%	62%
A.11	by skill*	Low skill	19%	24%
		Medium skill	55%	49%
		High skill	26%	28%
Employment in the United States supported by the exports of Belgium to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	2%	1%
		Manufacturing	59%	55%
		Services	40%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	58%	58%
		High skill	33%	34%

\*figures correspond to 2009 instead of 2011

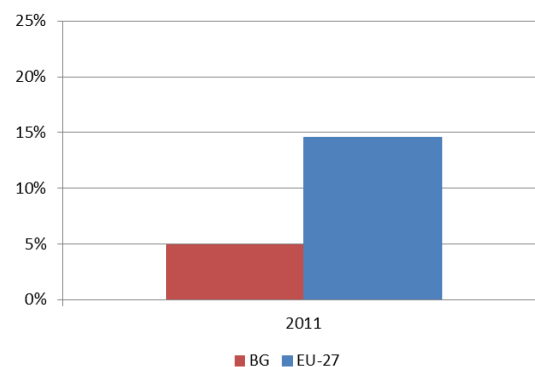
## Bulgaria



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	3 463	229 426	1.5%
Extra-EU exports	bn-EUR	8	2 224	0.4%
Exports to US	bn-EUR	0	363	0.1%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Bulgaria to the United States		26.0
A.1	EU employment supported by exports of Bulgaria to the United States		22.8
A.1	Employment in the United States supported by exports of Bulgaria to the United States		0.7
A.8	Employment in Bulgaria supported by EU exports to the United States		31.6
A.13	Of which:	Domestic Spillover	69.2%
			30.8%
			100.0%

**Share of total employment in Bulgaria and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Bulgaria



<b>EU employment supported by the exports of Bulgaria to the United States</b>				
<b>Table</b>			<b>2011</b>	<b>EU-27</b>
A.2	by exporting sector	Primary	18%	2%
		Manufacturing	45%	63%
		Services	37%	35%
A.4	by skill*	Low skill	77%	24%
		Medium skill	15%	49%
		High skill	8%	28%
<b>Employment in Bulgaria supported by the EU exports to the United States</b>				
			<b>2011</b>	<b>EU-27</b>
A.9	by sector	Primary	22%	3%
		Manufacturing	32%	35%
		Services	47%	62%
A.11	by skill*	Low skill	77%	24%
		Medium skill	16%	49%
		High skill	8%	28%
<b>Employment in the United States supported by the exports of Bulgaria to the United States</b>				
			<b>2011</b>	<b>EU-27</b>
A.5	by exporting sector	Primary	5%	1%
		Manufacturing	55%	55%
		Services	39%	44%
A.7	by skill*	Low skill	9%	8%
		Medium skill	59%	58%
		High skill	33%	34%

\*figures correspond to 2009 instead of 2011

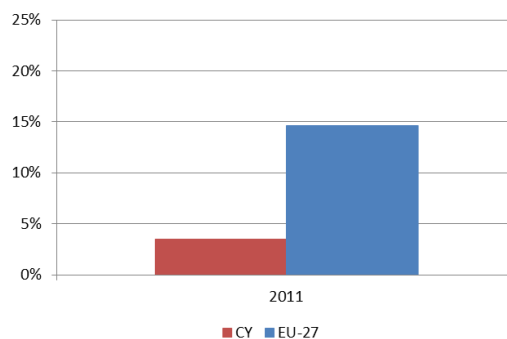
## Cyprus



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	394	229 426	0.2%
Extra-EU exports	bn-EUR	2	2 224	0.1%
Exports to US	bn-EUR	0	363	0.0%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Cyprus to the United States		1.9
A.1	EU employment supported by exports of Cyprus to the United States		1.4
A.1	Employment in the United States supported by exports of Cyprus to the United States		0.4
A.8	Employment in Cyprus supported by EU exports to the United States		1.5
A.13	Of which:	Domestic	78.4%
		Spillover	21.6%
			100.0%

**Share of total employment in Cyprus and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Cyprus



<b>EU employment supported by the exports of Cyprus to the United States</b>				
<b>Table</b>			<b>2011</b>	<b>EU-27</b>
A.2	by exporting sector	Primary	39%	2%
		Manufacturing	12%	63%
		Services	49%	35%
A.4	by skill*	Low skill	23%	24%
		Medium skill	43%	49%
		High skill	34%	28%
<b>Employment in Cyprus supported by the EU exports to the United States</b>				
			<b>2011</b>	<b>EU-27</b>
A.9	by sector	Primary	28%	3%
		Manufacturing	17%	35%
		Services	56%	62%
A.11	by skill*	Low skill	22%	24%
		Medium skill	43%	49%
		High skill	34%	28%
<b>Employment in the United States supported by the exports of Cyprus to the United States</b>				
			<b>2011</b>	<b>EU-27</b>
A.5	by exporting sector	Primary	4%	1%
		Manufacturing	11%	55%
		Services	85%	44%
A.7	by skill*	Low skill	9%	8%
		Medium skill	64%	58%
		High skill	27%	34%

\*figures correspond to 2009 instead of 2011

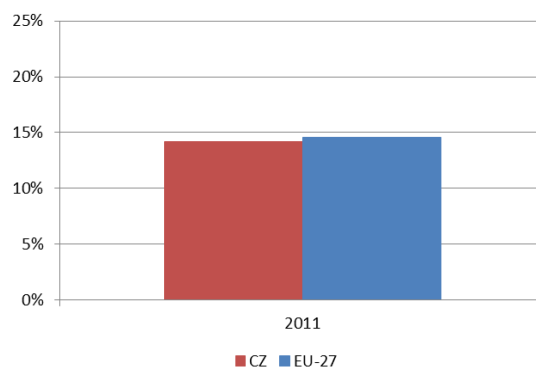
## Czech Republic



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	5 147	229 426	2.2%
Extra-EU exports	bn-EUR	32	2 224	1.4%
Exports to US	bn-EUR	4	363	1.1%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Czech Republic to the United States		144.2
A.1	EU employment supported by exports of Czech Republic to the United States		103.1
A.1	Employment in the United States supported by exports of Czech Republic to the United States		8.4
A.8	Employment in Czech Republic supported by EU exports to the United States		126.0
A.13	Of which:	Domestic Spillover	69.7%
			30.3%
			100.0%

**Share of total employment in Czech Republic and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Czech Republic



<b>EU employment supported by the exports of Czech Republic to the United States</b>				
<b>Table</b>			<b>2011</b>	<b>EU-27</b>
A.2	by exporting sector	Primary	0%	2%
		Manufacturing	49%	63%
		Services	51%	35%
A.4	by skill*	Low skill	8%	24%
		Medium skill	73%	49%
		High skill	19%	28%
<b>Employment in Czech Republic supported by the EU exports to the United States</b>				
			<b>2011</b>	<b>EU-27</b>
A.9	by sector	Primary	2%	3%
		Manufacturing	41%	35%
		Services	57%	62%
A.11	by skill*	Low skill	6%	24%
		Medium skill	78%	49%
		High skill	16%	28%
<b>Employment in the United States supported by the exports of Czech Republic to the United States</b>				
			<b>2011</b>	<b>EU-27</b>
A.5	by exporting sector	Primary	0%	1%
		Manufacturing	74%	55%
		Services	25%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	57%	58%
		High skill	35%	34%

\*figures correspond to 2009 instead of 2011

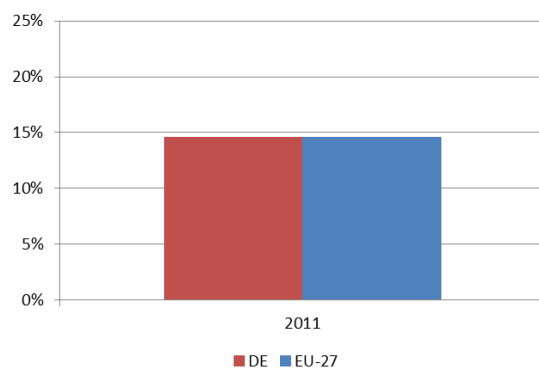
## Germany



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	41 987	229 426	18.3%
Extra-EU exports	bn-EUR	582	2 224	26.1%
Exports to US	bn-EUR	86	363	23.7%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Germany to the United States		1,755.0
A.1	EU employment supported by exports of Germany to the United States		1,096.0
A.1	Employment in the United States supported by exports of Germany to the United States		122.3
A.8	Employment in Germany supported by EU exports to the United States		1,030.4
A.13	Of which:	Domestic	87.6%
		Spillover	12.4%
			100.0%

**Share of total employment in Germany and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**





## Germany



EU employment supported by the exports of Germany to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	0%	2%
		Manufacturing	78%	63%
		Services	21%	35%
A.4	by skill*	Low skill	16%	24%
		Medium skill	59%	49%
		High skill	25%	28%
Employment in Germany supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	1%	3%
		Manufacturing	42%	35%
		Services	57%	62%
A.11	by skill*	Low skill	14%	24%
		Medium skill	59%	49%
		High skill	26%	28%
Employment in the United States supported by the exports of Germany to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	0%	1%
		Manufacturing	85%	55%
		Services	15%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	59%	58%
		High skill	33%	34%

\*figures correspond to 2009 instead of 2011

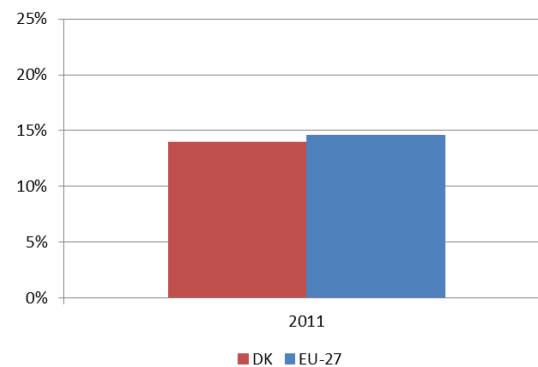
## Denmark



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	2 739	229 426	1.2%
Extra-EU exports	bn-EUR	63	2 224	2.9%
Exports to US	bn-EUR	7	363	1.8%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Denmark to the United States		123.5
A.1	EU employment supported by exports of Denmark to the United States		70.6
A.1	Employment in the United States supported by exports of Denmark to the United States		62.5
A.8	Employment in Denmark supported by EU exports to the United States		62.2
A.13	Of which:	Domestic	86.2%
		Spillover	13.8%
			100.0%

**Share of total employment in Denmark and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Denmark



EU employment supported by the exports of Denmark to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	1%	2%
		Manufacturing	70%	63%
		Services	30%	35%
A.4	by skill*	Low skill	25%	24%
		Medium skill	47%	49%
		High skill	28%	28%
Employment in Denmark supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	2%	3%
		Manufacturing	37%	35%
		Services	61%	62%
A.11	by skill*	Low skill	27%	24%
		Medium skill	44%	49%
		High skill	29%	28%
Employment in the United States supported by the exports of Denmark to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	1%	1%
		Manufacturing	10%	55%
		Services	89%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	67%	58%
		High skill	24%	34%

\*figures correspond to 2009 instead of 2011

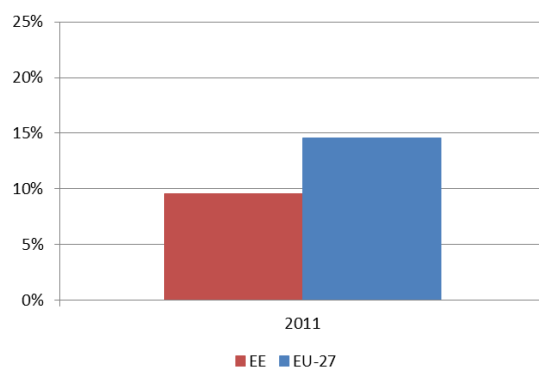
## Estonia



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	617	229 426	0.3%
Extra-EU exports	bn-EUR	3	2 224	0.1%
Exports to US	bn-EUR	0	363	0.1%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Estonia to the United States		11.1
A.1	EU employment supported by exports of Estonia to the United States		7.7
A.1	Employment in the United States supported by exports of Estonia to the United States		0.6
A.8	Employment in Estonia supported by EU exports to the United States		9.7
A.13	Of which:	Domestic Spillover	69.1%
			30.9%
			100.0%

**Share of total employment in Estonia and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Estonia



EU employment supported by the exports of Estonia to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	1%	2%
		Manufacturing	86%	63%
		Services	13%	35%
A.4	by skill*	Low skill	11%	24%
		Medium skill	59%	49%
		High skill	31%	28%
Employment in Estonia supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	4%	3%
		Manufacturing	50%	35%
		Services	45%	62%
A.11	by skill*	Low skill	10%	24%
		Medium skill	59%	49%
		High skill	31%	28%
Employment in the United States supported by the exports of Estonia to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	2%	1%
		Manufacturing	45%	55%
		Services	53%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	56%	58%
		High skill	36%	34%

\*figures correspond to 2009 instead of 2011

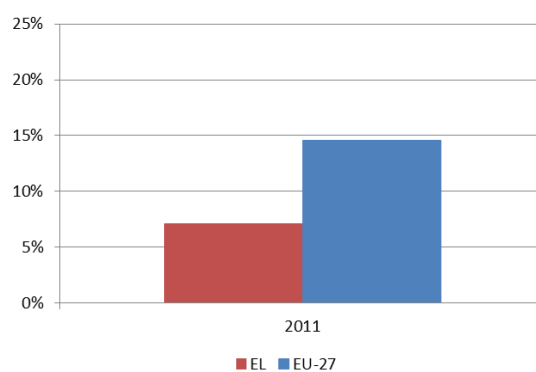
## Greece



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	5 183	229 426	2.3%
Extra-EU exports	bn-EUR	24	2 224	1.1%
Exports to US	bn-EUR	1	363	0.3%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Greece to the United States		32.1
A.1	EU employment supported by exports of Greece to the United States		23.8
A.1	Employment in the United States supported by exports of Greece to the United States		18.6
A.8	Employment in Greece supported by EU exports to the United States		24.6
A.13	Of which:	Domestic	89.9%
		Spillover	10.1%
			100.0%

**Share of total employment in Greece and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Greece



EU employment supported by the exports of Greece to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	15%	2%
		Manufacturing	24%	63%
		Services	61%	35%
A.4	by skill*	Low skill	34%	24%
		Medium skill	38%	49%
		High skill	28%	28%
Employment in Greece supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	15%	3%
		Manufacturing	20%	35%
		Services	65%	62%
A.11	by skill*	Low skill	33%	24%
		Medium skill	38%	49%
		High skill	29%	28%
Employment in the United States supported by the exports of Greece to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	0%	1%
		Manufacturing	2%	55%
		Services	97%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	69%	58%
		High skill	23%	34%

\*figures correspond to 2009 instead of 2011

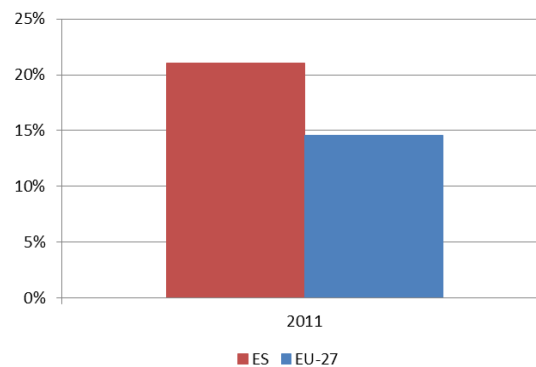
## Spain



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	18 247	229 426	8.0%
Extra-EU exports	bn-EUR	109	2 224	4.9%
Exports to US	bn-EUR	25	363	6.8%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Spain to the United States		563.3
A.1	EU employment supported by exports of Spain to the United States		320.1
A.1	Employment in the United States supported by exports of Spain to the United States		24.3
A.8	Employment in Spain supported by EU exports to the United States		336.6
A.13	Of which:	Domestic	86.8%
		Spillover	13.2%
			100.0%

**Share of total employment in Spain and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**





## Spain



EU employment supported by the exports of Spain to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	2%	2%
		Manufacturing	35%	63%
		Services	63%	35%
A.4	by skill*	Low skill	37%	24%
		Medium skill	25%	49%
		High skill	38%	28%
Employment in Spain supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	4%	3%
		Manufacturing	21%	35%
		Services	76%	62%
A.11	by skill*	Low skill	38%	24%
		Medium skill	23%	49%
		High skill	39%	28%
Employment in the United States supported by the exports of Spain to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	1%	1%
		Manufacturing	74%	55%
		Services	25%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	57%	58%
		High skill	35%	34%

\*figures correspond to 2009 instead of 2011

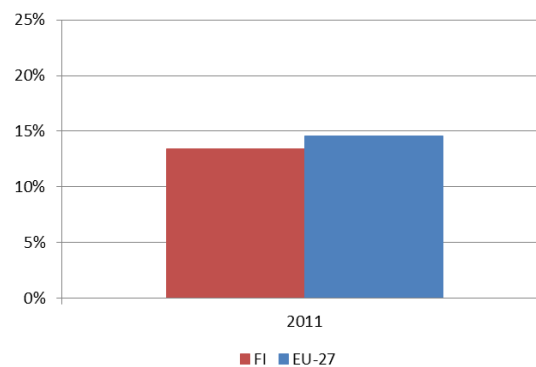
## Finland



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	2 493	229 426	1.1%
Extra-EU exports	bn-EUR	41	2 224	1.9%
Exports to US	bn-EUR	6	363	1.5%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Finland to the United States		118.5
A.1	EU employment supported by exports of Finland to the United States		58.9
A.1	Employment in the United States supported by exports of Finland to the United States		10.0
A.8	Employment in Finland supported by EU exports to the United States		57.2
A.13	Of which:	Domestic Spillover	84.3%
			15.7%
			100.0%

**Share of total employment in Finland and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Finland



EU employment supported by the exports of Finland to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	1%	2%
		Manufacturing	66%	63%
		Services	33%	35%
A.4	by skill*	Low skill	17%	24%
		Medium skill	48%	49%
		High skill	35%	28%
Employment in Finland supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	4%	3%
		Manufacturing	36%	35%
		Services	59%	62%
A.11	by skill*	Low skill	16%	24%
		Medium skill	47%	49%
		High skill	36%	28%
Employment in the United States supported by the exports of Finland to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	1%	1%
		Manufacturing	77%	55%
		Services	22%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	55%	58%
		High skill	37%	34%

\*figures correspond to 2009 instead of 2011

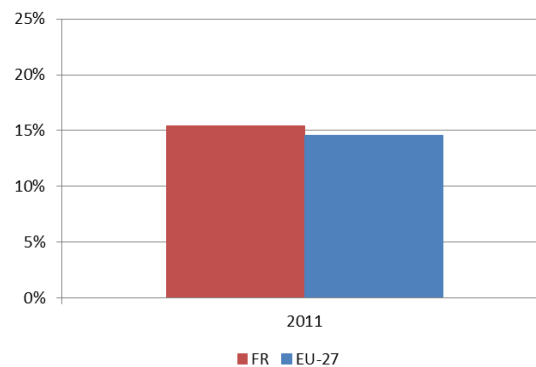
## France



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	25 566	229 426	11.1%
Extra-EU exports	bn-EUR	241	2 224	10.8%
Exports to US	bn-EUR	37	363	10.1%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of France to the United States		675.7
A.1	EU employment supported by exports of France to the United States		417.1
A.1	Employment in the United States supported by exports of France to the United States		56.1
A.8	Employment in France supported by EU exports to the United States		398.8
A.13	Of which:	Domestic	86.2%
		Spillover	13.8%
			100.0%

**Share of total employment in France and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## France



EU employment supported by the exports of France to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	1%	2%
		Manufacturing	71%	63%
		Services	28%	35%
A.4	by skill*	Low skill	23%	24%
		Medium skill	44%	49%
		High skill	33%	28%
Employment in France supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	3%	3%
		Manufacturing	32%	35%
		Services	65%	62%
A.11	by skill*	Low skill	22%	24%
		Medium skill	43%	49%
		High skill	35%	28%
Employment in the United States supported by the exports of France to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	2%	1%
		Manufacturing	84%	55%
		Services	14%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	58%	58%
		High skill	34%	34%

\*figures correspond to 2009 instead of 2011

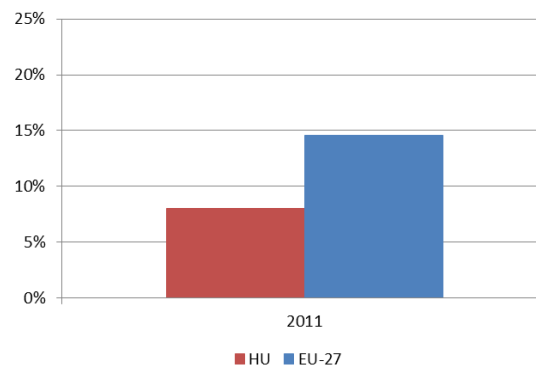
## Hungary



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	4 022	229 426	1.8%
Extra-EU exports	bn-EUR	28	2 224	1.2%
Exports to US	bn-EUR	2	363	0.7%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Hungary to the United States		81.4
A.1	EU employment supported by exports of Hungary to the United States		55.9
A.1	Employment in the United States supported by exports of Hungary to the United States		9.9
A.8	Employment in Hungary supported by EU exports to the United States		68.3
A.13	Of which:	Domestic	65.6%
		Spillover	34.4%
			100.0%

**Share of total employment in Hungary and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Hungary



EU employment supported by the exports of Hungary to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	1%	2%
		Manufacturing	66%	63%
		Services	33%	35%
A.4	by skill*	Low skill	15%	24%
		Medium skill	65%	49%
		High skill	21%	28%
Employment in Hungary supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	4%	3%
		Manufacturing	48%	35%
		Services	49%	62%
A.11	by skill*	Low skill	12%	24%
		Medium skill	68%	49%
		High skill	20%	28%
Employment in the United States supported by the exports of Hungary to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	2%	1%
		Manufacturing	55%	55%
		Services	43%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	54%	58%
		High skill	37%	34%

\*figures correspond to 2009 instead of 2011

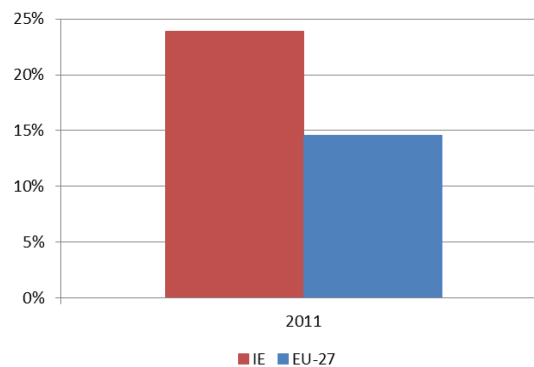
## Ireland



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	1 895	229 426	0.8%
Extra-EU exports	bn-EUR	97	2 224	4.4%
Exports to US	bn-EUR	32	363	8.9%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Ireland to the United States		460.4
A.1	EU employment supported by exports of Ireland to the United States		206.1
A.1	Employment in the United States supported by exports of Ireland to the United States		127.8
A.8	Employment in Ireland supported by EU exports to the United States		118.1
A.13	Of which:	Domestic	95.1%
		Spillover	4.9%
			100.0%

**Share of total employment in Ireland and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**





## Ireland



EU employment supported by the exports of Ireland to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	0%	2%
		Manufacturing	54%	63%
		Services	46%	35%
A.4	by skill*	Low skill	18%	24%
		Medium skill	41%	49%
		High skill	41%	28%
Employment in Ireland supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	2%	3%
		Manufacturing	27%	35%
		Services	71%	62%
A.11	by skill*	Low skill	17%	24%
		Medium skill	37%	49%
		High skill	46%	28%
Employment in the United States supported by the exports of Ireland to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	0%	1%
		Manufacturing	49%	55%
		Services	51%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	55%	58%
		High skill	37%	34%

\*figures correspond to 2009 instead of 2011

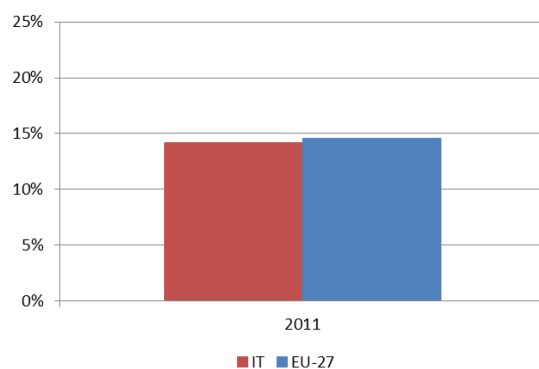
## Italy



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	25 096	229 426	10.9%
Extra-EU exports	bn-EUR	219	2 224	9.9%
Exports to US	bn-EUR	31	363	8.4%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Italy to the United States		710.1
A.1	EU employment supported by exports of Italy to the United States		435.5
A.1	Employment in the United States supported by exports of Italy to the United States		31.1
A.8	Employment in Italy supported by EU exports to the United States		445.5
A.13	Of which:	Domestic	86.3%
		Spillover	13.7%
			100.0%

**Share of total employment in Italy and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Italy



EU employment supported by the exports of Italy to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	1%	2%
		Manufacturing	79%	63%
		Services	20%	35%
A.4	by skill*	Low skill	38%	24%
		Medium skill	48%	49%
		High skill	15%	28%
Employment in Italy supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	3%	3%
		Manufacturing	47%	35%
		Services	50%	62%
A.11	by skill*	Low skill	39%	24%
		Medium skill	47%	49%
		High skill	14%	28%
Employment in the United States supported by the exports of Italy to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	1%	1%
		Manufacturing	84%	55%
		Services	15%	44%
A.7	by skill*	Low skill	9%	8%
		Medium skill	58%	58%
		High skill	33%	34%

\*figures correspond to 2009 instead of 2011

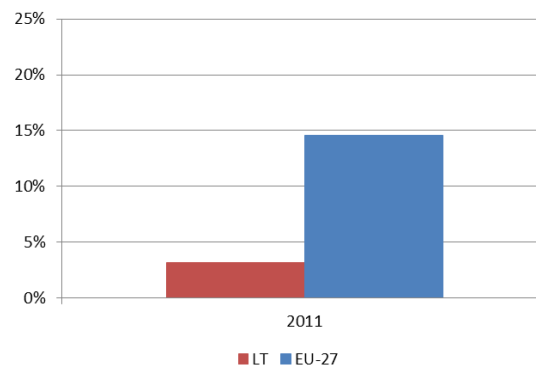
## Lithuania



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	1 416	229 426	0.6%
Extra-EU exports	bn-EUR	8	2 224	0.3%
Exports to US	bn-EUR	0	363	0.1%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Lithuania to the United States		12.0
A.1	EU employment supported by exports of Lithuania to the United States		5.7
A.1	Employment in the United States supported by exports of Lithuania to the United States		0.5
A.8	Employment in Lithuania supported by EU exports to the United States		8.1
A.13	Of which:	Domestic	62.9%
		Spillover	37.1%
			100.0%

**Share of total employment in Lithuania and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Lithuania



<b>EU employment supported by the exports of Lithuania to the United States</b>				
<b>Table</b>			<b>2011</b>	<b>EU-27</b>
A.2	by exporting sector	Primary	1%	2%
		Manufacturing	86%	63%
		Services	13%	35%
A.4	by skill*	Low skill	7%	24%
		Medium skill	64%	49%
		High skill	28%	28%
<b>Employment in Lithuania supported by the EU exports to the United States</b>				
			<b>2011</b>	<b>EU-27</b>
A.9	by sector	Primary	7%	3%
		Manufacturing	50%	35%
		Services	43%	62%
A.11	by skill*	Low skill	7%	24%
		Medium skill	64%	49%
		High skill	29%	28%
<b>Employment in the United States supported by the exports of Lithuania to the United States</b>				
			<b>2011</b>	<b>EU-27</b>
A.5	by exporting sector	Primary	3%	1%
		Manufacturing	42%	55%
		Services	55%	44%
A.7	by skill*	Low skill	9%	8%
		Medium skill	60%	58%
		High skill	31%	34%

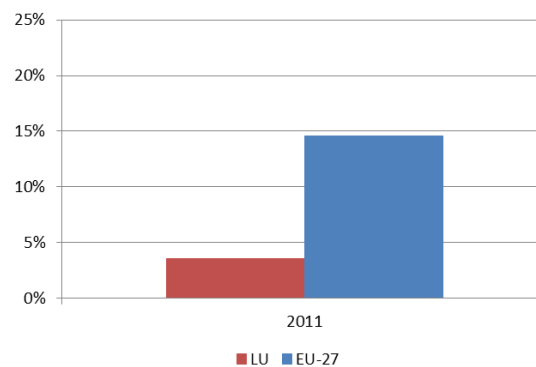
\*figures correspond to 2009 instead of 2011

## Luxembourg

Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	375	229 426	0.2%
Extra-EU exports	bn-EUR	47	2 224	2.1%
Exports to US	bn-EUR	0	363	0.1%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Luxembourg to the United States		6.0
A.1	EU employment supported by exports of Luxembourg to the United States		3.2
A.1	Employment in the United States supported by exports of Luxembourg to the United States		61.1
A.8	Employment in Luxembourg supported by EU exports to the United States		4.1
A.13	Of which:	Domestic Spillover	36.3%
			63.7%
			100.0%

**Share of total employment in Luxembourg and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Luxembourg



EU employment supported by the exports of Luxembourg to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	0%	2%
		Manufacturing	60%	63%
		Services	40%	35%
A.4	by skill*	Low skill	23%	24%
		Medium skill	52%	49%
		High skill	25%	28%
Employment in Luxembourg supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	1%	3%
		Manufacturing	37%	35%
		Services	62%	62%
A.11	by skill*	Low skill	23%	24%
		Medium skill	46%	49%
		High skill	31%	28%
Employment in the United States supported by the exports of Luxembourg to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	0%	1%
		Manufacturing	1%	55%
		Services	99%	44%
A.7	by skill*	Low skill	6%	8%
		Medium skill	52%	58%
		High skill	42%	34%

\*figures correspond to 2009 instead of 2011

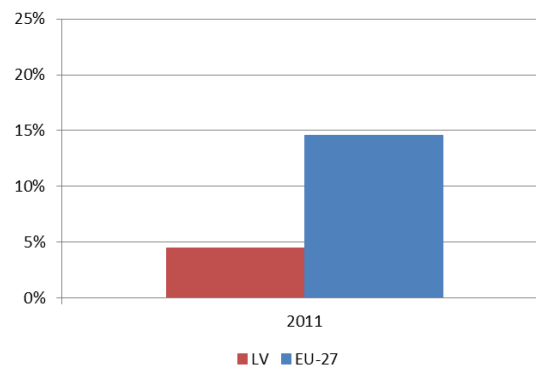
## Latvia



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	857	229 426	0.4%
Extra-EU exports	bn-EUR	4	2 224	0.2%
Exports to US	bn-EUR	0	363	0.0%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Latvia to the United States		6.2
A.1	EU employment supported by exports of Latvia to the United States		5.1
A.1	Employment in the United States supported by exports of Latvia to the United States		0.5
A.8	Employment in Latvia supported by EU exports to the United States		6.2
A.13	Of which:	Domestic	72.5%
		Spillover	27.5%
			100.0%

**Share of total employment in Latvia and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**





## Latvia



EU employment supported by the exports of Latvia to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	5%	2%
		Manufacturing	71%	63%
		Services	24%	35%
A.4	by skill*	Low skill	13%	24%
		Medium skill	62%	49%
		High skill	25%	28%
Employment in Latvia supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	11%	3%
		Manufacturing	39%	35%
		Services	50%	62%
A.11	by skill*	Low skill	13%	24%
		Medium skill	63%	49%
		High skill	24%	28%
Employment in the United States supported by the exports of Latvia to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	2%	1%
		Manufacturing	35%	55%
		Services	63%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	58%	58%
		High skill	34%	34%

\*figures correspond to 2009 instead of 2011

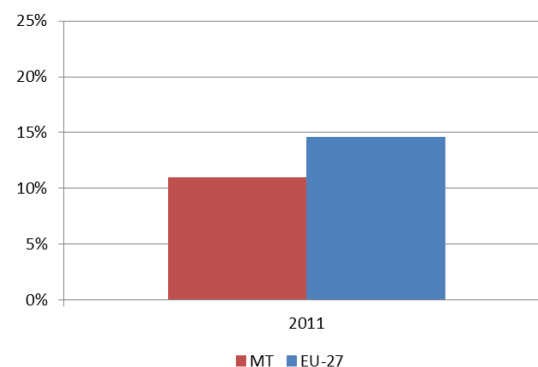
## Malta



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	174	229 426	0.1%
Extra-EU exports	bn-EUR	2	2 224	0.1%
Exports to US	bn-EUR	0	363	0.1%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Malta to the United States		6.6
A.1	EU employment supported by exports of Malta to the United States		4.3
A.1	Employment in the United States supported by exports of Malta to the United States		0.5
A.8	Employment in Malta supported by EU exports to the United States		4.0
A.13	Of which:	Domestic	84.9%
		Spillover	15.1%
			100.0%

**Share of total employment in Malta and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Malta



EU employment supported by the exports of Malta to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	2%	2%
		Manufacturing	41%	63%
		Services	58%	35%
A.4	by skill*	Low skill	50%	24%
		Medium skill	30%	49%
		High skill	20%	28%
Employment in Malta supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	1%	3%
		Manufacturing	28%	35%
		Services	71%	62%
A.11	by skill*	Low skill	58%	24%
		Medium skill	24%	49%
		High skill	18%	28%
Employment in the United States supported by the exports of Malta to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	0%	1%
		Manufacturing	47%	55%
		Services	53%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	57%	58%
		High skill	35%	34%

\*figures correspond to 2009 instead of 2011

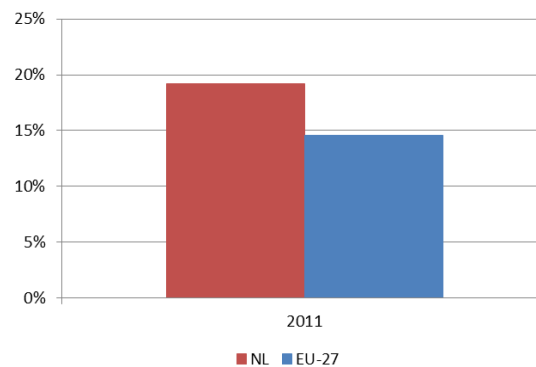
## Netherlands



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	8 816	229 426	3.8%
Extra-EU exports	bn-EUR	118	2 224	5.3%
Exports to US	bn-EUR	22	363	6.2%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Netherlands to the United States		588.8
A.1	EU employment supported by exports of Netherlands to the United States		257.5
A.1	Employment in the United States supported by exports of Netherlands to the United States		49.9
A.8	Employment in Netherlands supported by EU exports to the United States		263.5
A.13	Of which:	Domestic	82.0%
		Spillover	18.0%
			100.0%

**Share of total employment in Netherlands and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Netherlands



EU employment supported by the exports of Netherlands to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	3%	2%
		Manufacturing	35%	63%
		Services	62%	35%
A.4	by skill*	Low skill	24%	24%
		Medium skill	41%	49%
		High skill	34%	28%
Employment in Netherlands supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	3%	3%
		Manufacturing	17%	35%
		Services	80%	62%
A.11	by skill*	Low skill	26%	24%
		Medium skill	40%	49%
		High skill	35%	28%
Employment in the United States supported by the exports of Netherlands to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	1%	1%
		Manufacturing	42%	55%
		Services	57%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	55%	58%
		High skill	37%	34%

\*figures correspond to 2009 instead of 2011

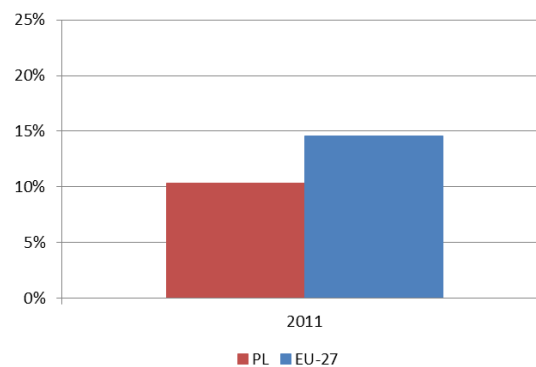
## Poland



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	15 748	229 426	6.9%
Extra-EU exports	bn-EUR	52	2 224	2.3%
Exports to US	bn-EUR	5	363	1.4%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Poland to the United States		191.4
A.1	EU employment supported by exports of Poland to the United States		148.7
A.1	Employment in the United States supported by exports of Poland to the United States		10.7
A.8	Employment in Poland supported by EU exports to the United States		203.8
A.13	Of which:	Domestic Spillover	66.4%
			33.6%
			100.0%

**Share of total employment in Poland and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EC exports, 2011 (%)**



## Poland



EU employment supported by the exports of Poland to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	3%	2%
		Manufacturing	63%	63%
		Services	34%	35%
A.4	by skill*	Low skill	9%	24%
		Medium skill	71%	49%
		High skill	20%	28%
Employment in Poland supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	9%	3%
		Manufacturing	42%	35%
		Services	49%	62%
A.11	by skill*	Low skill	8%	24%
		Medium skill	73%	49%
		High skill	19%	28%
Employment in the United States supported by the exports of Poland to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	2%	1%
		Manufacturing	66%	55%
		Services	32%	44%
A.7	by skill*	Low skill	9%	8%
		Medium skill	59%	58%
		High skill	32%	34%

\*figures correspond to 2009 instead of 2011

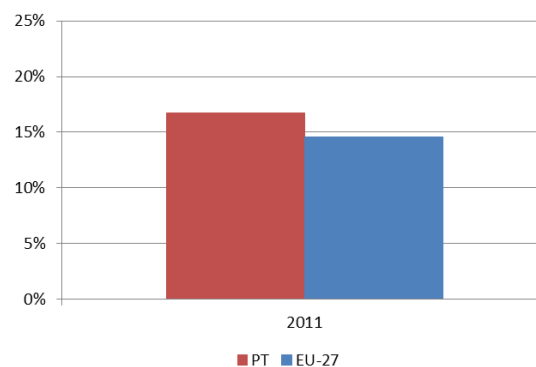
## Portugal



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	5 021	229 426	2.2%
Extra-EU exports	bn-EUR	15	2 224	0.7%
Exports to US	bn-EUR	3	363	0.8%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Portugal to the United States		87.6
A.1	EU employment supported by exports of Portugal to the United States		62.3
A.1	Employment in the United States supported by exports of Portugal to the United States		2.4
A.8	Employment in Portugal supported by EU exports to the United States		69.0
A.13	Of which:	Domestic	82.5%
		Spillover	17.5%
			100.0%

**Share of total employment in Portugal and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**





## Portugal



EU employment supported by the exports of Portugal to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	4%	2%
		Manufacturing	51%	63%
		Services	45%	35%
A.4	by skill*	Low skill	61%	24%
		Medium skill	23%	49%
		High skill	16%	28%
Employment in Portugal supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	12%	3%
		Manufacturing	29%	35%
		Services	60%	62%
A.11	by skill*	Low skill	64%	24%
		Medium skill	21%	49%
		High skill	14%	28%
Employment in the United States supported by the exports of Portugal to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	1%	1%
		Manufacturing	53%	55%
		Services	46%	44%
A.7	by skill*	Low skill	9%	8%
		Medium skill	58%	58%
		High skill	33%	34%

\*figures correspond to 2009 instead of 2011

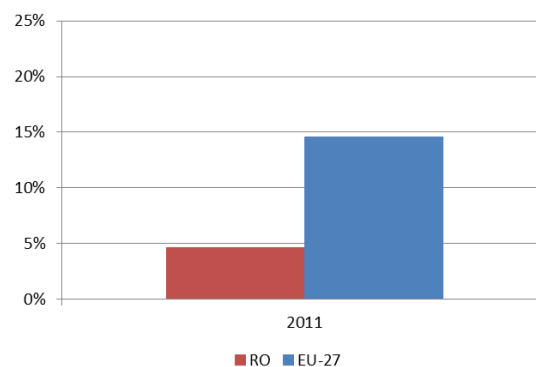
## Romania



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	10 673	229 426	4.7%
Extra-EU exports	bn-EUR	18	2 224	0.8%
Exports to US	bn-EUR	1	363	0.2%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Romania to the United States		49.4
A.1	EU employment supported by exports of Romania to the United States		44.1
A.1	Employment in the United States supported by exports of Romania to the United States		1.6
A.8	Employment in Romania supported by EU exports to the United States		65.1
A.13	Of which:	Domestic	63.5%
		Spillover	36.5%
			100.0%

**Share of total employment in Romania and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Romania



EU employment supported by the exports of Romania to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	0%	2%
		Manufacturing	88%	63%
		Services	11%	35%
A.4	by skill*	Low skill	72%	24%
		Medium skill	19%	49%
		High skill	9%	28%
Employment in Romania supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	11%	3%
		Manufacturing	58%	35%
		Services	31%	62%
A.11	by skill*	Low skill	74%	24%
		Medium skill	17%	49%
		High skill	9%	28%
Employment in the United States supported by the exports of Romania to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	2%	1%
		Manufacturing	51%	55%
		Services	47%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	56%	58%
		High skill	36%	34%

\*figures correspond to 2009 instead of 2011

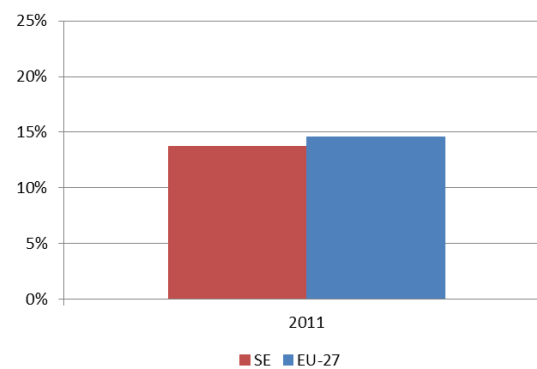
## Sweden



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	4 600	229 426	2.0%
Extra-EU exports	bn-EUR	98	2 224	4.4%
Exports to US	bn-EUR	14	363	3.8%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Sweden to the United States		245.3
A.1	EU employment supported by exports of Sweden to the United States		131.9
A.1	Employment in the United States supported by exports of Sweden to the United States		27.7
A.8	Employment in Sweden supported by EU exports to the United States		119.5
A.13	Of which:	Domestic	87.1%
		Spillover	12.9%
			100.0%

**Share of total employment in Sweden and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Sweden



EU employment supported by the exports of Sweden to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	0%	2%
		Manufacturing	57%	63%
		Services	43%	35%
A.4	by skill*	Low skill	19%	24%
		Medium skill	55%	49%
		High skill	26%	28%
Employment in Sweden supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	2%	3%
		Manufacturing	31%	35%
		Services	67%	62%
A.11	by skill*	Low skill	18%	24%
		Medium skill	55%	49%
		High skill	26%	28%
Employment in the United States supported by the exports of Sweden to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	0%	1%
		Manufacturing	62%	55%
		Services	37%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	56%	58%
		High skill	36%	34%

\*figures correspond to 2009 instead of 2011

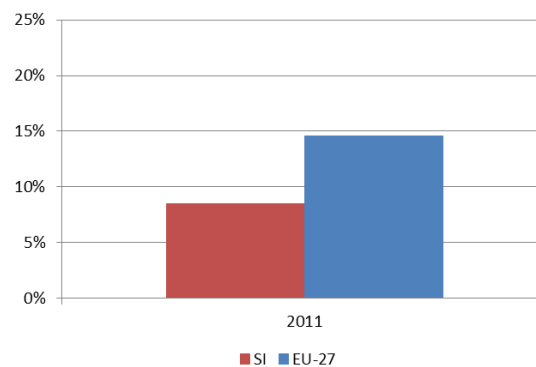
## Slovenia



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	934	229 426	0.4%
Extra-EU exports	bn-EUR	6	2 224	0.3%
Exports to US	bn-EUR	0	363	0.1%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Slovenia to the United States		13.6
A.1	EU employment supported by exports of Slovenia to the United States		9.4
A.1	Employment in the United States supported by exports of Slovenia to the United States		0.9
A.8	Employment in Slovenia supported by EU exports to the United States		12.8
A.13	Of which:	Domestic Spillover	62.6%
			37.4%
			100.0%

**Share of total employment in Slovenia and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## Slovenia



EU employment supported by the exports of Slovenia to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	2%	2%
		Manufacturing	69%	63%
		Services	29%	35%
A.4	by skill*	Low skill	18%	24%
		Medium skill	62%	49%
		High skill	21%	28%
Employment in Slovenia supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	5%	3%
		Manufacturing	49%	35%
		Services	46%	62%
A.11	by skill*	Low skill	16%	24%
		Medium skill	64%	49%
		High skill	20%	28%
Employment in the United States supported by the exports of Slovenia to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	1%	1%
		Manufacturing	69%	55%
		Services	30%	44%
A.7	by skill*	Low skill	9%	8%
		Medium skill	59%	58%
		High skill	33%	34%

\*figures correspond to 2009 instead of 2011

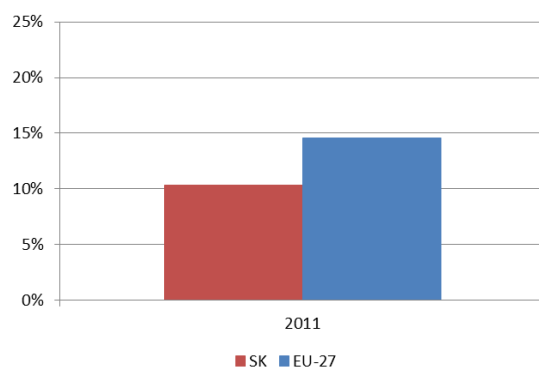
## Slovakia



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	2 251	229 426	1.0%
Extra-EU exports	bn-EUR	10	2 224	0.5%
Exports to US	bn-EUR	1	363	0.2%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of Slovakia to the United States		29.6
A.1	EU employment supported by exports of Slovakia to the United States		20.0
A.1	Employment in the United States supported by exports of Slovakia to the United States		1.8
A.8	Employment in Slovakia supported by EU exports to the United States		32.0
A.13	Of which:	Domestic Spillover	50.6%
			49.4%
			100.0%

**Share of total employment in Slovakia and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**





## Slovakia



EU employment supported by the exports of Slovakia to the United States				
Table			2011	EU-27
A.2	by exporting sector	Primary	0%	2%
		Manufacturing	71%	63%
		Services	29%	35%
A.4	by skill*	Low skill	6%	24%
		Medium skill	77%	49%
		High skill	17%	28%
Employment in Slovakia supported by the EU exports to the United States				
			2011	EU-27
A.9	by sector	Primary	2%	3%
		Manufacturing	44%	35%
		Services	54%	62%
A.11	by skill*	Low skill	3%	24%
		Medium skill	82%	49%
		High skill	15%	28%
Employment in the United States supported by the exports of Slovakia to the United States				
			2011	EU-27
A.5	by exporting sector	Primary	0%	1%
		Manufacturing	84%	55%
		Services	15%	44%
A.7	by skill*	Low skill	9%	8%
		Medium skill	59%	58%
		High skill	33%	34%

\*figures correspond to 2009 instead of 2011

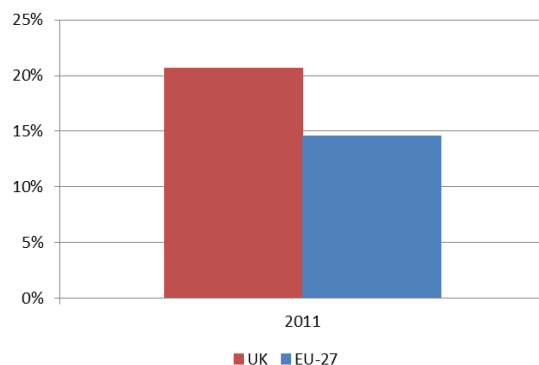
## United Kingdom



Basic data				
		2011	EU-27	% EU-27
Employment	1 000 jobs	32 888	229 426	14.3%
Extra-EU exports	bn-EUR	250	2 224	11.2%
Exports to US	bn-EUR	61	363	16.8%

Totals			
Table	1,000 jobs		2011
A.1	Total (EU and foreign) employment supported by exports of United Kingdom to the United States		1,165.0
A.1	EU employment supported by exports of United Kingdom to the United States		780.1
A.1	Employment in the United States supported by exports of United Kingdom to the United States		74.8
A.8	Employment in United Kingdom supported by EU exports to the United States		820.7
A.13	Of which:	Domestic	86.3%
		Spillover	13.7%
			100.0%

**Share of total employment in United Kingdom and in the EU-27 supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



## United Kingdom



<b>EU employment supported by the exports of United Kingdom to the United States</b>				
<b>Table</b>			<b>2011</b>	<b>EU-27</b>
A.2	by exporting sector	Primary	3%	2%
		Manufacturing	57%	63%
		Services	40%	35%
A.4	by skill*	Low skill	22%	24%
		Medium skill	46%	49%
		High skill	32%	28%
<b>Employment in United Kingdom supported by the EU exports to the United States</b>				
			<b>2011</b>	<b>EU-27</b>
A.9	by sector	Primary	3%	3%
		Manufacturing	32%	35%
		Services	66%	62%
A.11	by skill*	Low skill	21%	24%
		Medium skill	45%	49%
		High skill	33%	28%
<b>Employment in the United States supported by the exports of United Kingdom to the United States</b>				
			<b>2011</b>	<b>EU-27</b>
A.5	by exporting sector	Primary	3%	1%
		Manufacturing	66%	55%
		Services	31%	44%
A.7	by skill*	Low skill	8%	8%
		Medium skill	57%	58%
		High skill	35%	34%

\*figures correspond to 2009 instead of 2011

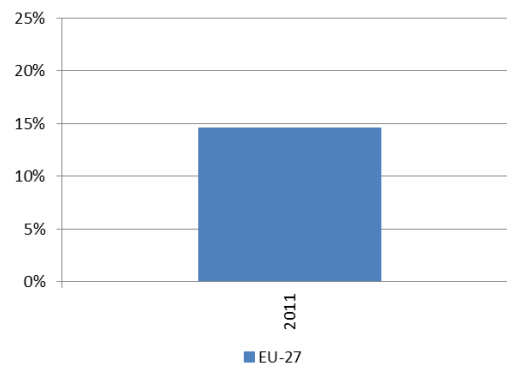
## European Union



Basic data		
		2011
Employment	1 000 jobs	229 426
Extra-EU exports	bn-EUR	2 224
Exports to US	bn-EUR	363

Totals		
Table	1,000 jobs	2011
A.1	Total (EU and foreign) employment supported by exports of the European Union to the United States	7,581.9
A.1	Employment in the United States supported by exports of the European Union to the United States	744.3
A.8	Employment in the European Union supported by EU exports to the United States	4,549.9
A.13	Type of effect	Domestic 83.6%
		Spillover 16.4%
		100.0%

**Share of total employment in European Union supported by the EU exports to the United States as a percentage of total employment supported by all EU exports, 2011 (%)**



**European  
Union**



<b>EU employment supported by the exports of the European Union to the United States</b>			
<b>Table</b>	<b>2011</b>		
A.2	by exporting sector	Primary	2%
		Manufacturing	63%
		Services	35%
A.4	by skill*	Low skill	24%
		Medium skill	49%
		High skill	28%
A.9	by sector	Primary	3%
		Manufacturing	35%
		Services	62%
<b>Employment in the United States supported by the exports of the European Union to the United States</b>			
<b>2011</b>			
A.5	by exporting sector	Primary	1%
		Manufacturing	55%
		Services	44%
A.7	by skill*	Low skill	8%
		Medium skill	58%
		High skill	34%

\*figures correspond to 2009 instead of 2011



## **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, notably on energy, water, land, and materials consumption, emissions, and on wages and employment by type of skills. The database covers 27 EU Member States and 13 other major economies in the world as well as the “Rest of the World” as an aggregated region. The WIOD database features a breakdown of 35 industries.

The database covers the period 1995 to 2011. However, some data are limited to the period 1995 – 2009. This is the case for VA deflators, employment by skill level, and composition of VA (i.e., capital compensation and labour compensation by skill level). Therefore, all the indicators reported in this publication cover the period 1995 – 2011, with the exception of those for which the necessary data are not available for the years 2010 and 2011.

The WIOD database is downloadable for free at: [www.wiod.org](http://www.wiod.org). A detailed description of the content is also available there. Some further considerations are described in Arto et al (2015).

## ***Methodology***

As mentioned in the introduction, this publication includes a short set of general indicators (section B), together with an extended set of indicators (section A) related to the employment supported by EU exports to the US. 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 the indicators related to EU exports to the rest of the world (e.g. US) is not straightforward and requires further explanation. In order to obtain the EU employment embodied in EU exports to the US and the US employment embodied in the EU exports to the rest of the world, 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 (Arto et al, 2015; Miller and Blair, 2009; Murray and Lenzen, 2013).

Without loss of generality, the methodology is described for the case of four regions (2 EU countries and 2 non-EU countries) with  $n$  industries and one economic dimension (employment), but it can be applied to any number of regions and industries. In this study, the model was applied to 41 regions, 35 industries (for simplicity we have aggregated the results to 10 and 3 industries) and one economic dimension (employment). 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 employment supported by the exports of the manufacturing industry and not the employment supported by the exports of manufactured products).

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:

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

where  $\mathbf{Z}^{rs}$  is the intermediate matrix with industry 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 industry output for country  $r$ . Furthermore, let us assume that the MRIO table is extended to include a vector of employment, denoted as the corresponding column vector of industry employment by country as:

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

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.

Suppose that countries 1 and 2 represent the EU and the remaining countries (3 and 4) are non-EU countries (e.g. US). In such a case we can define the components of the MRIO framework of the EU as:

$$\mathbf{Z}^{\text{EU}} = \begin{bmatrix} \mathbf{Z}^{11} & \mathbf{Z}^{12} \\ \mathbf{Z}^{21} & \mathbf{Z}^{22} \end{bmatrix}, \quad \mathbf{f}^{\text{EU}} = \begin{bmatrix} \mathbf{f}^{11} + \mathbf{f}^{12} + \mathbf{e}^{13} + \mathbf{e}^{14} \\ \mathbf{f}^{21} + \mathbf{f}^{22} + \mathbf{e}^{23} + \mathbf{e}^{24} \end{bmatrix}, \quad \mathbf{x}^{\text{EU}} = \begin{bmatrix} \mathbf{x}^1 \\ \mathbf{x}^2 \end{bmatrix},$$

$$\mathbf{w}^{\text{EU}} = \begin{bmatrix} \mathbf{w}^1 \\ \mathbf{w}^2 \end{bmatrix}$$

where  $\mathbf{e}^{ij} = \mathbf{f}^{ij} + \mathbf{Z}^{ij}\mathbf{i}$  represents the extra-EU exports (e.g. to the US) from the Member State  $i$  to the non-EU country  $j$  (with  $i \neq j$ ).

The input coefficient matrix for the EU is defined as  $\mathbf{A}^{\text{EU}} = \mathbf{Z}^{\text{EU}}(\hat{\mathbf{x}}^{\text{EU}})^{-1}$ , where  $(\hat{\mathbf{x}}^{\text{EU}})$  is a diagonal matrix with industry outputs placed along the main diagonal and zero elsewhere. Thus, the accounting equation can now be written as the standard input-output model:  $\mathbf{x}^{\text{EU}} = \mathbf{A}^{\text{EU}}\mathbf{x}^{\text{EU}} + \mathbf{f}^{\text{EU}}$ . For a certain final demand vector  $\mathbf{f}^{\text{EU}}$ , the solution to the model is given by  $\mathbf{x}^{\text{EU}} = \mathbf{L}^{\text{EU}}\mathbf{f}^{\text{EU}}$ , where  $\mathbf{L}^{\text{EU}} \equiv (\mathbf{I} - \mathbf{A}^{\text{EU}})^{-1}$  is the Leontief inverse of the EU. Thus, multiplying the Leontief inverse of the EU by the extra-EU exports (e.g. to the US) we obtain the total output in the EU to produce exported goods and services:

$$\mathbf{x}_{\text{exeu}}^{\text{EU}} = \mathbf{L}^{\text{EU}}\mathbf{e}^{\text{EU}} \quad [1]$$

The employment coefficients vector,  $\mathbf{v}^{\text{EU}} = (\hat{\mathbf{x}})^{\text{EU}-1}\mathbf{w}^{\text{EU}}$ , yields the EU employment per unit of output. Hence, the employment supported in the EU

by the production of extra-EU exports (i.e. EU employment embodied in extra-EU exports) is given by:

$$\begin{aligned} \mathbf{w}_{\text{exeu}}^{\text{EU}} &= (\mathbf{v}^{\text{EU}})' \mathbf{L}^{\text{EU}} \mathbf{e}^{\text{EU}} = (\mathbf{v}^1)' \mathbf{L}^{11} \mathbf{e}^{13} + (\mathbf{v}^1)' \mathbf{L}^{11} \mathbf{e}^{14} \\ &+ (\mathbf{v}^1)' \mathbf{L}^{12} \mathbf{e}^{23} + (\mathbf{v}^1)' \mathbf{L}^{12} \mathbf{e}^{24} + (\mathbf{v}^2)' \mathbf{L}^{21} \mathbf{e}^{13} + (\mathbf{v}^2)' \mathbf{L}^{21} \mathbf{e}^{14} \\ &+ (\mathbf{v}^2)' \mathbf{L}^{22} \mathbf{e}^{23} + (\mathbf{v}^2)' \mathbf{L}^{22} \mathbf{e}^{24} \end{aligned} \quad [2]$$

where  $(\mathbf{v}^i)' \mathbf{L}^{ij} \mathbf{e}^{jk}$  is the employment supported in country  $i$  of the EU due to the extra-EU exports of Member State  $j$  to non-EU country  $k$  (e.g. US).

From expression [1] we can also derive the foreign (e.g. US) employment embodied in extra-EU exports. First, we define the matrix of non-EU import coefficients of the EU as  $\mathbf{A}^{\text{noEU,EU}} = \mathbf{Z}^{\text{noEU,EU}} (\hat{\mathbf{x}}^{\text{EU}})^{-1}$ , where

$$\mathbf{Z}^{\text{noEU,EU}} = \begin{bmatrix} \mathbf{Z}^{31} & \mathbf{Z}^{32} \\ \mathbf{Z}^{41} & \mathbf{Z}^{42} \end{bmatrix}$$

Premultiplying expression [2] by the matrix of non-EU import coefficients of the EU, we obtain the vector of intermediate imports of the EU from non-EU countries or, alternatively, the exports of non-EU countries to the EU:

$$\mathbf{A}^{\text{noEU,EU}} \mathbf{L}^{\text{EU}} \mathbf{e}^{\text{EU}} \quad [3]$$

It follows that the foreign (e.g. US) employment embodied in extra EU exports can be calculated as:

$$\mathbf{w}_{\text{exeu}}^{\text{noEU}} = (\hat{\mathbf{v}}^{\text{noEU}})' \mathbf{L}^{\text{noEU}} \mathbf{A}^{\text{noEU,EU}} \mathbf{L}^{\text{EU}} \mathbf{e}^{\text{EU}} \quad [4]$$

Where  $\hat{\mathbf{v}}^{\text{noEU}}$  and  $\mathbf{L}^{\text{noEU}}$  are the vector of employment coefficients and the Leontief inverse matrix of the non-EU countries, respectively.

We can expand [4] in a similar fashion as [2] to obtain the different components of the foreign employment in extra-EU exports. Thus, the element  $(\mathbf{v}^m)' \mathbf{L}^{ml} \mathbf{A}^{li} \mathbf{L}^{ij} \mathbf{e}^{jk}$  of the resulting expression would represent the employment supported in a non-EU country  $m$  due to the production of intermediate exports of non-EU country  $l$  to EU-country  $i$  that are used to produce the extra-EU exports from EU country  $j$  to non-EU country  $k$  (e.g. US).

In other words, it would be the employment supported in Australia (*m*) to produce metals that would be exported to China (*l*) for the production of vehicles parts. These vehicles parts would be exported then from China to the Czech Republic (*i*) for the production of engines of BMW cars that would be sold to Germany (*j*). Eventually, Germany would export BMW cars to the US (*k*).

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