



## Workpackage 2

# Summary of Selected KBE Indicators and Categories: Data Annex

Deliverable 2.3

**List of contributors:**

Mikael Åkerblom, Statistics Finland,  
Anthony Arundel, Wendy Hansen, MERIT,  
Kersten Magg, Dominik Ohly, University of Tübingen  
Ralf Münnich, Nicole Thees, University of Trier.

**Main responsibility:**

Nicole Thees, University of Trier

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[http://europa.eu.int/comm/research/index\\_en.cfm](http://europa.eu.int/comm/research/index_en.cfm)

[http://europa.eu.int/comm/research/fp6/ssp/kei\\_en.htm](http://europa.eu.int/comm/research/fp6/ssp/kei_en.htm)

[http://www.cordis.lu/citizens/kick\\_off3.htm](http://www.cordis.lu/citizens/kick_off3.htm)

<http://kei.publicstatistics.net/>



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# 1 Introduction

This report provides data for selected indicators of a Knowledge Based Economy (KBE) for up to 25 EU countries plus the United States and Japan. The selected indicators capture the five main drivers of a KBE plus economic outcomes and social performance. The five drivers are:

1. Production and diffusion of information and communication technologies (ICT)
2. Human resources, skills and creativity
3. Knowledge production and diffusion
4. Innovation, entrepreneurship and creative destruction
5. Organisational innovation

As there are very few internationally comparable indicators for organizational innovation, they are grouped in section 4 under innovation indicators.

Where available, indicators are provided for four years: 2001 to 2004 inclusive.

The selection of KBE indicators in this document represents a conservative view of a KBE. This partly reflects data availability, both across countries and over time. For example, there is an overemphasis on traditional indicators of R&D, patents and human resources, due to the fact that these indicators have been collected for several years or more in most EU countries. A companion KEI document (WP4.4, Summary Report on the Way Forward: Innovative Use of KBE Indicators) includes suggestions for indicators that are not currently available but which would improve our understanding of a KBE.



## 2 A1 Production and diffusion of information and communication technology (ICT)

### 2.1 A1a Economic impact of information and communication technology (ICT) sector

Table 1: A1a1 Share of information and communication technology (ICT) sector value-added out of total business sector value added

		2001	2002	2003	2004
at	Austria	4,42	4,31	4,37	4,24
be	Belgium	4,28	4,34	4,42	4,44
de	Germany	3,76	3,86	3,86	3,95
dk	Denmark	4,00	4,10	4,25	4,20
es	Spain	3,76	3,81	3,73	3,64
fi	Finland	9,30	10,12	10,02	9,57
fr	France	4,75	4,93	4,77	4,69
gr	Greece	6,07	5,94	5,53	5,98
ie	Ireland	7,00	7,19	6,24	6,27
it	Italy	4,54	4,83	4,77	4,73
lu	Luxembourg	5,98	5,37	5,25	5,29
nl	Netherlands	4,40	4,51	4,53	4,56
pt	Portugal	4,04	4,12	4,19	4,22
se	Sweden	5,26	5,18	5,19	5,18
uk	United Kingdom	6,01	5,88	5,91	5,82
cy	Cyprus	4,36	4,30	4,10	4,21
cz	Czech Republic	4,63	5,13	4,91	4,55
ee	Estonia	4,76	4,76	4,68	4,56
hu	Hungary	5,34	5,26	5,12	5,10
lt	Lithuania	4,47	4,83	4,53	3,95
lv	Latvia	7,76	8,15	7,19	7,00
mt	Malta	4,68	4,58	4,52	4,63
pl	Poland	3,54	4,03	4,01	3,93
si	Slovenia	3,73	3,91	4,10	4,13
sk	Slovakia	4,05	3,92	3,87	3,84
eu15	European Union (15 countries)	4,41	4,56	4,56	4,57
eu25	European Union 25	4,19	4,34	4,32	4,32
us	United States	5,69	5,42	5,17	5,22
jp	Japan	3,92	3,58	3,80	3,70

*Data notes:*

Calculated using: Value added at current prices (breakdown 322+64+72) by value added at current prices (total industries)

Source: EU-KLEMS Database, Release March 2007 (see: <http://www.euklems.net>)

Date of extraction: 30 May 05

*Legend:*

US - NAICS classification used

Table 2: A1a2 Share of information and communication technology (ICT) employment out of total business employment

		2001	2002	2003	2004
at	Austria	2,97	2,94	2,87	2,82
be	Belgium	3,31	3,25	3,14	3,12
de	Germany	2,76	2,80	2,77	2,77
dk	Denmark	3,63	3,65	3,65	3,66
es	Spain	2,00	1,98	1,98	1,99
fi	Finland	5,28	5,13	4,98	4,99
fr	France	3,96	3,88	3,77	3,70
gr	Greece	6,96	7,13	7,21	7,90
ie	Ireland	3,79	3,82	3,66	3,52
it	Italy	3,52	3,56	3,52	3,44
lu	Luxembourg	3,16	3,13	3,01	2,98
nl	Netherlands	3,36	3,14	3,00	2,95
pt	Portugal	1,29	1,33	1,30	1,35
se	Sweden	5,21	4,95	4,57	4,04
uk	United Kingdom	4,22	4,14	4,10	3,84
cy	Cyprus	1,58	1,60	1,57	1,57
cz	Czech Republic	2,53	2,61	2,57	2,60
ee	Estonia	2,63	2,85	2,86	2,80
hu	Hungary	3,18	3,05	3,01	2,83
lt	Lithuania	2,11	2,09	1,97	1,90
lv	Latvia	2,17	2,23	2,18	2,11
mt	Malta	2,84	2,78	2,63	2,57
pl	Poland	1,67	1,66	1,61	1,62
si	Slovenia	2,10	2,21	2,29	2,31
sk	Slovakia	2,64	2,39	2,42	2,41
eu15	European Union 15	3,31	3,27	3,21	3,14
eu25	European Union 25	3,13	3,10	3,04	2,98
us	United States	3,67	3,36	3,21	3,13
jp	Japan	3,57	3,61	3,67	3,74

*Data notes:*

Calculated using: Number of employees (breakdown 322+64+72) by number of employees (total industries)

Source: EU-KLEMS Database, Release March 2007 (see: <http://www.euklems.net>)

Date of extraction: 30 May 05

*Legend:*

US - NAICS classification

Table 3: A1a3 Investment in information and communication technology (ICT) as a percentage of gross domestic product (GDP)

		2001	2002	2003	2004
at	Austria			6,40	6,40
be	Belgium			6,50	6,30
de	Germany			6,10	6,20
dk	Denmark			6,70	6,60
es	Spain			5,50	5,50
fi	Finland			7,00	7,00
fr	France			6,00	5,90
gr	Greece			5,30	5,00
ie	Ireland			5,60	5,50
it	Italy			5,30	5,30
lu	Luxembourg				
nl	Netherlands			7,60	7,50
pt	Portugal			7,30	7,30
se	Sweden			8,80	8,70
uk	United Kingdom			8,10	8,00
cy	Cyprus				
cz	Czech Republic			6,50	6,50
ee	Estonia			8,90	9,60
hu	Hungary			7,50	7,90
lt	Lithuania			5,90	7,00
lv	Latvia			8,70	9,50
mt	Malta				
pl	Poland			6,40	6,80
si	Slovenia			5,00	5,20
sk	Slovakia			6,40	6,50
eu15	European Union 15			6,40	6,40
eu25	European Union 25			6,40	6,40
us	United States			7,10	6,80
jp	Japan			7,60	7,60

*Data notes:*

Calculated using: Information technology expenditure as a percentage of GDP (IT expenditure) plus information technology expenditure as a percentage of GDP (communication expenditure)

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

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Table 4: A1a4 Number of patent applications to the European Patent Office (EPO) in information and communication technology (ICT) patent classes - (priority year) per million population

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
at	Austria	34,93	41,44	39,88	
be	Belgium	27,32	31,86	27,34	
de	Germany	70,15	68,06	70,99	
dk	Denmark	53,18	46,92	47,99	
es	Spain	5,14	4,99	4,72	
fi	Finland	188,87	160,71	151,10	
fr	France	41,08	41,25	42,38	
gr	Greece	2,05	1,65	2,96	
ie	Ireland	35,41	31,67	28,79	
it	Italy	11,12	12,15	12,83	
lu	Luxembourg	26,04	20,16	29,89	
nl	Netherlands	143,64	109,14	99,90	
pt	Portugal	0,93	0,61	1,18	
se	Sweden	109,71	86,80	87,53	
uk	United Kingdom	43,93	38,66	37,54	
cy	Cyprus	8,36	3,06	2,62	
cz	Czech Republic	1,67	1,70	1,40	
ee	Estonia	0,73	3,06	6,20	
hu	Hungary	4,88	3,58	3,69	
lt	Lithuania	0,14	0,53	3,59	
lv	Latvia	0,42	1,49	NA	
mt	Malta	2,56	5,90	5,03	
pl	Poland	0,46	0,88	0,79	
si	Slovenia	3,02	9,17	8,36	
sk	Slovakia	1,29	0,54	1,53	
eu15	European Union (15 countries)	44,84	41,43	41,46	
eu25	European Union (25 countries)	37,71	34,93	35,01	
us	United States	60,34	56,23	57,79	
jp	Japan	69,35	73,54	82,27	

*Data notes:*

ICT patent applications to the EPO by priority year at the national level (per million inhabitants)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved

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*Legend:*

(:) not available



Table 5: A1a5 Number of patents granted at the United States Patent and Trademark Office (USPTO) in information and communication technology (ICT) patent classes - (priority year) per million population

		2001	2002	2003	2004
at	Austria				
be	Belgium				
de	Germany				
dk	Denmark				
es	Spain				
fi	Finland				
fr	France				
gr	Greece				
ie	Ireland				
it	Italy				
lu	Luxembourg				
nl	Netherlands				
pt	Portugal				
se	Sweden				
uk	United Kingdom				
cy	Cyprus				
cz	Czech Republic				
ee	Estonia				
hu	Hungary				
lt	Lithuania				
lv	Latvia				
mt	Malta				
pl	Poland				
si	Slovenia				
sk	Slovakia				
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

ICT patents granted by the USPTO by priority year at the national level (per million inhabitants)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved

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*Legend:*

No data available for the relevant years.

## 2.2 A1b Internet use by firms

Table 6: A1b1 Businesses receiving orders over the Internet (all enterprises)

		2001	2002	2003	2004
at	Austria		:	12,00	12,00
be	Belgium		:	20,00	18,00
de	Germany		:	9,00	18,00
dk	Denmark		:	18,00	25,00
es	Spain		:	2,00	2,00
fi	Finland		:	18,00	17,00
fr	France		:	:	:
gr	Greece		:	7,00	6,00
ie	Ireland		:	14,00	19,00
it	Italy		:	3,00	7,00
lu	Luxembourg		:	13,00	11,00
nl	Netherlands		:	17,00	17,00
pt	Portugal		:	3,00	6,00
se	Sweden		:	13,00	20,00
uk	United Kingdom		:	18,00	29,00
cy	Cyprus		:	:	5,00
cz	Czech Republic		:	18,00	11,00
ee	Estonia		:	:	8,00
hu	Hungary		:	:	6,00
lt	Lithuania		:	:	5,00
lv	Latvia		:	:	:
mt	Malta		:	:	:
pl	Poland		:	:	4,00
si	Slovenia		:	:	15,00
sk	Slovakia		:	:	6,00
eu15	European Union 15		:	9,00	15,00
eu25	European Union 25		:	:	14,00
us	United States				
jp	Japan		:	:	18,00

*Data notes:*

Percentage of enterprises having received orders on-line over the last calendar year - all (without financial sector (10 employed persons or more))

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 09:19:25, last update: Mon May 14 17:04:13 MEST 2007

*Legend:*

(:) not available

Table 7: A1b2 Businesses receiving orders over the Internet (small and medium enterprises SMEs)

		2001	2002	2003	2004
at	Austria		:	11,00	11,00
be	Belgium		:	19,00	17,00
de	Germany		:	9,00	17,00
dk	Denmark		:	17,00	25,00
es	Spain		:	1,00	2,00
fi	Finland		:	17,00	16,00
fr	France		:	:	:
gr	Greece		:	7,00	6,00
ie	Ireland		:	14,00	18,00
it	Italy		:	3,00	7,00
lu	Luxembourg		:	12,00	10,00
nl	Netherlands		:	16,00	16,00
pt	Portugal		:	3,00	6,00
se	Sweden		:	12,00	20,00
uk	United Kingdom		:	20,00	29,00
cy	Cyprus		:	:	5,00
cz	Czech Republic		:	18,00	10,00
ee	Estonia		:	:	8,00
hu	Hungary		:	:	6,00
lt	Lithuania		:	:	5,00
lv	Latvia		:	:	:
mt	Malta		:	:	:
pl	Poland		:	:	4,00
si	Slovenia		:	:	14,00
sk	Slovakia		:	:	6,00
eu15	European Union 15		:	9,00	14,00
eu25	European Union 25		:	:	13,00
us	United States		:	:	:
jp	Japan		:	:	:

*Data notes:*

Percentage of enterprises having received orders on-line over the last calendar year - SMEs (10-249 employed persons)

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 09:19:25, last update: Mon May 14 17:04:13 MEST 2007

*Legend:*

(:) not available

Table 8: A1b3 Businesses ordering over the Internet (all enterprises)

		2001	2002	2003	2004
at	Austria			21,00	22,00
be	Belgium			22,00	9,00
de	Germany			11,00	47,00
dk	Denmark			22,00	28,00
es	Spain			3,00	3,00
fi	Finland			16,00	19,00
fr	France			:	:
gr	Greece			7,00	14,00
ie	Ireland			24,00	33,00
it	Italy			4,00	6,00
lu	Luxembourg			17,00	34,00
nl	Netherlands			20,00	22,00
pt	Portugal			9,00	8,00
se	Sweden			23,00	38,00
uk	United Kingdom			25,00	53,00
cy	Cyprus			:	14,00
cz	Czech Republic			22,00	19,00
ee	Estonia			:	32,00
hu	Hungary			:	14,00
lt	Lithuania			:	13,00
lv	Latvia			:	:
mt	Malta			:	:
pl	Poland			:	9,00
si	Slovenia			:	17,00
sk	Slovakia			:	3,00
eu25	European Union 15			:	26,00
eu15	European Union 25			13,00	28,00
us	United States				
jp	Japan			:	26,00

*Data notes:*

Percentage of enterprises having purchased on-line over the last calendar year (at least 1%)  
- all (without financial sector (10 employed persons or more))

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 09:59:38, last update: Mon May 14 17:26:58 MEST 2007

*Legend:*

(:) not available

Table 9: A1b4 Businesses ordering over the Internet (small and medium enterprises SMEs)

		2001	2002	2003	2004
at	Austria			20,00	21,00
be	Belgium			21,00	9,00
de	Germany			11,00	46,00
dk	Denmark			22,00	28,00
es	Spain			3,00	3,00
fi	Finland			16,00	18,00
fr	France			:	:
gr	Greece			7,00	14,00
ie	Ireland			23,00	32,00
it	Italy			4,00	6,00
lu	Luxembourg			16,00	33,00
nl	Netherlands			20,00	21,00
pt	Portugal			8,00	8,00
se	Sweden			23,00	38,00
uk	United Kingdom			28,00	53,00
cy	Cyprus			:	14,00
cz	Czech Republic			21,00	19,00
ee	Estonia			:	31,00
hu	Hungary			:	14,00
lt	Lithuania			:	13,00
lv	Latvia			:	:
mt	Malta			:	:
pl	Poland			:	9,00
si	Slovenia			:	16,00
sk	Slovakia			:	3,00
eu15	European Union 15			13,00	28,00
eu25	European Union 25			:	26,00
us	United States				
jp	Japan			:	:

*Data notes:*

Percentage of enterprises having purchased on-line over the last calendar year (at least 1%)  
- SMEs (10-249 employed persons)

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 09:59:38, last update: Mon May 14 17:26:58 MEST 2007

*Legend:*

(:) not available

Table 10: A1b5 Percentage of firms total turnover from e-commerce

		2001	2002	2003	2004
at	Austria		:	6,00	7,00
be	Belgium		:	7,00	6,00
de	Germany		:	:	11,00
dk	Denmark		:	8,00	12,00
es	Spain		:	2,00	3,00
fi	Finland		:	11,00	13,00
fr	France		:	:	:
gr	Greece		:	1,00	2,00
ie	Ireland		:	17,00	18,00
it	Italy		:	2,00	3,00
lu	Luxembourg		:	:	:
nl	Netherlands				
pt	Portugal		:	2,00	5,00
se	Sweden		:	12,00	:
uk	United Kingdom		:	12,00	14,00
cy	Cyprus		:	:	:
cz	Czech Republic		:	6,00	6,00
ee	Estonia		:	:	3,00
hu	Hungary		:	:	:
lt	Lithuania		:	:	2,00
lv	Latvia		:	:	:
mt	Malta		:	:	:
pl	Poland		:	:	3,00
si	Slovenia		:	:	:
sk	Slovakia		:	:	:
eu15	European Union 15		:	:	:
eu25	European Union 25		:	:	9,00
us	United States				
jp	Japan				

*Data notes:*

Percentage of enterprises' total turnover from e-commerce over the last calendar year  
Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 10:25:47, last update: Mon May 14 17:21:37 MEST 2007

*Legend:*

(:) not available; (c) confidential; (u) unreliable or uncertain data

Table 11: A1b6 Share of firms with Internet access (Nomenclature générale des activités économiques dans les Communautés Européennes - NACE)

		2001	2002	2003	2004
at	Austria		:	89,00	94,00
be	Belgium		:	91,00	96,00
de	Germany		:	95,00	94,00
dk	Denmark		:	97,00	97,00
es	Spain		:	82,00	87,00
fi	Finland		:	97,00	97,00
fr	France		:	83,00	:
gr	Greece		:	88,00	87,00
ie	Ireland		:	86,00	92,00
it	Italy		:	83,00	87,00
lu	Luxembourg		:	85,00	90,00
nl	Netherlands		:	86,00	88,00
pt	Portugal		:	70,00	77,00
se	Sweden		:	95,00	96,00
uk	United Kingdom		:	74,00	90,00
cy	Cyprus		:	:	82,00
cz	Czech Republic		:	88,00	90,00
ee	Estonia		:	:	90,00
hu	Hungary		:	:	78,00
lt	Lithuania		:	:	81,00
lv	Latvia		:	:	74,00
mt	Malta		:	90,00	:
pl	Poland		:	:	85,00
si	Slovenia		:	:	93,00
sk	Slovakia		:	:	71,00
eu15	European Union 15		:	85,00	91,00
eu25	European Union 25		:	:	89,00
us	United States				
jp	Japan		:	:	:

*Data notes:*

Percentage of enterprises having access to the Internet

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 10:36:16, last update: Mon May 14 17:07:14 MEST 2007

*Legend:*

(:) not available

Table 12: A1b7 Share of firms with website or homepage (Nomenclature générale des activités économiques dans les Communautés Européennes - NACE)

		2001	2002	2003	2004
at	Austria		:	66,00	71,00
be	Belgium		:	62,00	68,00
de	Germany		:	71,00	72,00
dk	Denmark		:	75,00	81,00
es	Spain		:	33,00	40,00
fi	Finland		:	70,00	75,00
fr	France		:	26,00	:
gr	Greece		:	52,00	49,00
ie	Ireland		:	59,00	59,00
it	Italy		:	47,00	46,00
lu	Luxembourg		:	58,00	59,00
nl	Netherlands		:	61,00	66,00
pt	Portugal		:	25,00	29,00
se	Sweden		:	80,00	82,00
uk	United Kingdom		:	58,00	70,00
cy	Cyprus		:	:	45,00
cz	Czech Republic		:	56,00	61,00
ee	Estonia		:	:	52,00
hu	Hungary		:	:	35,00
lt	Lithuania		:	:	39,00
lv	Latvia		:	:	33,00
mt	Malta		:	68,00	:
pl	Poland		:	:	44,00
si	Slovenia		:	:	58,00
sk	Slovakia		:	:	47,00
eu15	European Union 15		:	53,00	61,00
eu25	European Union 25		:	:	58,00
us	United States				
jp	Japan				

*Data notes:*

Percentage of enterprises having website/homepage

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 10:42:46, last update: Mon May 14 17:07:57 MEST 2007

*Legend:*

(:) not available



## 2.3 A1c Internet use by individuals

Table 13: A1c1 Percentage of individuals making any use of the internet (by age)

		2001	2002	2003	2004
at	Austria			36,00	46,00
be	Belgium			:	:
de	Germany			44,00	50,00
dk	Denmark			64,00	70,00
es	Spain			29,00	31,00
fi	Finland			58,00	63,00
fr	France			:	:
gr	Greece			14,00	17,00
ie	Ireland			25,00	27,00
it	Italy			25,00	26,00
lu	Luxembourg			48,00	59,00
nl	Netherlands			:	:
pt	Portugal			22,00	25,00
se	Sweden			69,00	75,00
uk	United Kingdom			46,00	49,00
cy	Cyprus			:	28,00
cz	Czech Republic			20,00	25,00
ee	Estonia			:	45,00
hu	Hungary			:	21,00
lt	Lithuania			20,00	26,00
lv	Latvia			:	27,00
mt	Malta			:	:
pl	Poland			:	22,00
si	Slovenia			:	33,00
sk	Slovakia			:	40,00
eu15	European Union 15			38,00	41,00
eu25	European Union 25			:	38,00
us	United States				
jp	Japan				

*Data notes:*

Percentage of individuals regularly using the Internet (by age)

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 10:50:33, last update: Mon May 14 16:49:43 MEST 2007

*Legend:*

(:) not available

Table 14: A1c2 Percentage of individuals using the internet to buy or sell goods and services

		2001	2002	2003	2004
at	Austria		8,00	8,00	13,00
be	Belgium		:	:	:
de	Germany		17,00	24,00	29,00
dk	Denmark		24,00	16,00	22,00
es	Spain		2,00	5,00	5,00
fi	Finland		11,00	14,00	24,00
fr	France		:	:	:
gr	Greece		1,00	1,00	1,00
ie	Ireland		:	5,00	10,00
it	Italy		3,00	4,00	:
lu	Luxembourg		13,00	18,00	32,00
nl	Netherlands		15,00	18,00	:
pt	Portugal		2,00	2,00	3,00
se	Sweden		24,00	21,00	30,00
uk	United Kingdom		25,00	24,00	28,00
cy	Cyprus		:	:	3,00
cz	Czech Republic		:	3,00	3,00
ee	Estonia		:	:	4,00
hu	Hungary		:	:	2,00
lt	Lithuania		:	1,00	1,00
lv	Latvia		:	:	2,00
mt	Malta		:	:	:
pl	Poland		:	:	3,00
si	Slovenia		:	:	4,00
sk	Slovakia		:	:	6,00
eu15	European Union 15		13,00	15,00	21,00
eu25	European Union 25		:	:	16,00
us	United States				
jp	Japan				

*Data notes:*

Percentage of individuals having ordered/bought goods or services for private use over the Internet in the last three months

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 10:57:32, last update: Mon May 14 17:24:05 MEST 2007

*Legend:*

(:) not available

Table 15: A1c3 Percentage of individuals using the internet for banking

		2001	2002	2003	2004
at	Austria		:	13,00	18,00
be	Belgium		:	:	:
de	Germany		:	21,00	26,00
dk	Denmark		:	38,00	45,00
es	Spain		:	10,00	12,00
fi	Finland		:	43,00	50,00
fr	France		:	:	:
gr	Greece		:	1,00	1,00
ie	Ireland		:	8,00	10,00
it	Italy		:	:	:
lu	Luxembourg		:	23,00	35,00
nl	Netherlands		:	:	:
pt	Portugal		:	6,00	8,00
se	Sweden		:	38,00	40,00
uk	United Kingdom		:	22,00	22,00
cy	Cyprus		:	:	4,00
cz	Czech Republic		:	3,00	5,00
ee	Estonia		:	:	35,00
hu	Hungary		:	:	3,00
lt	Lithuania		:	3,00	7,00
lv	Latvia		:	:	12,00
mt	Malta		:	:	:
pl	Poland		:	:	4,00
si	Slovenia		:	:	9,00
sk	Slovakia		:	:	10,00
eu15	European Union 15		:	19,00	22,00
eu25	European Union 25		:	:	18,00
us	United States		:	18,00	:
jp	Japan		:	7,00	:

*Data notes:*

Percentage of individuals using the Internet for specific purposes in the previous three months (... for financial services: internet banking, share purchasing)

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 11:05:57, last update: Mon May 14 17:01:00 MEST 2007

*Legend:*

(:) not available

Table 16: A1c4 Broadband penetration rate (number of broadband lines per 100 population)

		2001	2002	2003	2004
at	Austria		4,75	6,30	8,60
be	Belgium		7,00	9,87	13,53
de	Germany		3,30	4,63	6,50
dk	Denmark		7,70	9,97	14,83
es	Spain		2,20	4,00	6,37
fi	Finland		3,55	6,17	10,97
fr	France		1,55	3,87	7,93
gr	Greece		0,00	0,03	0,20
ie	Ireland		0,05	0,30	1,70
it	Italy		1,15	2,77	5,87
lu	Luxembourg		0,00	2,27	5,20
nl	Netherlands		6,40	9,33	14,30
pt	Portugal		1,65	3,40	6,13
se	Sweden		4,85	8,30	12,00
uk	United Kingdom		1,85	3,57	7,17
cy	Cyprus		:	:	1,45
cz	Czech Republic		:	:	0,90
ee	Estonia		:	:	8,10
hu	Hungary		:	:	2,55
lt	Lithuania		:	:	2,80
lv	Latvia		:	:	1,95
mt	Malta		:	:	3,65
pl	Poland		:	:	1,05
si	Slovenia		:	:	4,55
sk	Slovakia		:	:	0,50
eu15	European Union 15		2,50	4,33	7,33
eu25	European Union 25		:	:	6,95
us	United States				
jp	Japan				

*Data notes:*

Calculated as annual average from: Broadband penetration rate (number of broadband lines per 100 population, three-monthly values)

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 11:16:47, last update: Wed Dec 13 11:27:29 MET 2006

*Legend:*

(:) not available

Table 17: A1c5 Percentage of households with broadband access

		2001	2002	2003	2004
at	Austria			10,00	16,00
be	Belgium			:	:
de	Germany			9,00	18,00
dk	Denmark			25,00	36,00
es	Spain			:	15,00
fi	Finland			12,00	21,00
fr	France			:	:
gr	Greece			1,00	0,00
ie	Ireland			1,00	3,00
it	Italy			:	:
lu	Luxembourg			7,00	16,00
nl	Netherlands			20,00	:
pt	Portugal			8,00	12,00
se	Sweden			:	:
uk	United Kingdom			11,00	16,00
cy	Cyprus			:	2,00
cz	Czech Republic			1,00	4,00
ee	Estonia			:	20,00
hu	Hungary			:	6,00
lt	Lithuania			2,00	4,00
lv	Latvia			:	5,00
mt	Malta			:	:
pl	Poland			:	8,00
si	Slovenia			:	10,00
sk	Slovakia			:	4,00
eu15	European Union 15			:	:
eu25	European Union 25			:	14,00
us	United States			20,00	:
jp	Japan				

*Data notes:*

Percentage of households with broadband access

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 11:29:43, last update: Mon May 14 17:35:14 MEST 2007

*Legend:*

(:) not available

## 2.4 A1d Government information and communication technology (ICT)

Table 18: A1d1 E-gov availability

		2001	2002	2003	2004
at	Austria		20,00	68,00	72,00
be	Belgium		25,00	35,00	35,00
de	Germany		35,00	40,00	47,00
dk	Denmark		61,00	72,00	58,00
es	Spain		40,00	50,00	55,00
fi	Finland		50,00	61,00	67,00
fr	France		35,00	45,00	50,00
gr	Greece		32,00	32,00	32,00
ie	Ireland		50,00	56,00	50,00
it	Italy		35,00	45,00	53,00
lu	Luxembourg		5,00	15,00	20,00
nl	Netherlands		21,00	26,00	32,00
pt	Portugal		32,00	37,00	40,00
se	Sweden		67,00	67,00	74,00
uk	United Kingdom		33,00	50,00	59,00
cy	Cyprus		:	:	25,00
cz	Czech Republic		:	:	30,00
ee	Estonia		:	:	63,00
hu	Hungary		:	:	15,00
lt	Lithuania		:	:	40,00
lv	Latvia		:	:	5,00
mt	Malta		:	:	40,00
pl	Poland		:	:	10,00
si	Slovenia		:	:	45,00
sk	Slovakia		:	:	15,00
eu15	European Union 15		36,00	47,00	49,00
eu25	European Union 25		:	:	41,00
us	United States				
jp	Japan				

*Data notes:*

E-government availability (supply side, percentage of each of the 20 services that are fully available online)

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 11:36:39, last update: Thu Aug 10 16:45:40 MEST 2006

*Legend:*

(:) not available

Table 19: A1d2 Percentage of individuals who use the internet to interact with public authorities

		2001	2002	2003	2004
at	Austria		11,00	20,00	21,00
be	Belgium		:	:	:
de	Germany		17,00	26,00	33,00
dk	Denmark		37,00	40,00	44,00
es	Spain		:	:	:
fi	Finland		34,00	40,00	45,00
fr	France		:	:	:
gr	Greece		:	:	8,00
ie	Ireland		:	:	14,00
it	Italy		:	:	:
lu	Luxembourg		16,00	28,00	45,00
nl	Netherlands		:	:	:
pt	Portugal		:	:	13,00
se	Sweden		42,00	44,00	39,00
uk	United Kingdom		:	21,00	22,00
cy	Cyprus		:	:	11,00
cz	Czech Republic		:	:	7,00
ee	Estonia		:	:	20,00
hu	Hungary		:	:	16,00
lt	Lithuania		:	7,00	10,00
lv	Latvia		:	:	13,00
mt	Malta		:	:	:
pl	Poland		:	:	13,00
si	Slovenia		:	:	13,00
sk	Slovakia		:	:	25,00
eu15	European Union 15		:	:	:
eu25	European Union 25		:	:	:
us	United States		:	23,00	:
jp	Japan		:	18,00	:

*Data notes:*

E-government usage by individuals (demand side) total and by gender (percentage of individuals who have used the Internet, in the last 3 months, for interaction with public authorities)

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 11:44:29, last update: Mon May 14 16:49:04 MEST 2007

*Legend:*

(:) not available

Table 20: A1d3 Percentage of firms who use the internet to interact with public authorities

		2001	2002	2003	2004
at	Austria			81,00	74,00
be	Belgium			:	60,00
de	Germany			35,00	36,00
dk	Denmark			75,00	85,00
es	Spain			44,00	50,00
fi	Finland			89,00	91,00
fr	France			:	:
gr	Greece			:	77,00
ie	Ireland			:	69,00
it	Italy			:	65,00
lu	Luxembourg			65,00	71,00
nl	Netherlands			41,00	47,00
pt	Portugal			:	57,00
se	Sweden			89,00	92,00
uk	United Kingdom			29,00	34,00
cy	Cyprus			:	35,00
cz	Czech Republic			:	75,00
ee	Estonia			:	84,00
hu	Hungary			:	35,00
lt	Lithuania			:	65,00
lv	Latvia			:	40,00
mt	Malta			:	:
pl	Poland			:	74,00
si	Slovenia			:	47,00
sk	Slovakia			:	47,00
eu15	European Union 15			:	50,00
eu25	European Union 25			:	52,00
us	United States				
jp	Japan				

*Data notes:*

E-government usage by enterprises (demand side, percentage of enterprises)

Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved

Date of extraction: Thu, 31 May 07 11:51:161.10.2006, last update: Tue Apr 10 11:42:33 MEST 2007

*Legend:*

(:) not available



### 3 A2 Human resources, skills and creativity

#### 3.1 A2a General education

Table 21: A2a1 Pisa mathematical literacy of 15 year olds

		2001	2002	2003	2004
at	Austria			506	
be	Belgium			529	
de	Germany			503	
dk	Denmark			514	
es	Spain			485	
fi	Finland			544	
fr	France			511	
gr	Greece			445	
ie	Ireland			503	
it	Italy			466	
lu	Luxembourg			493	
nl	Netherlands			538	
pt	Portugal			466	
se	Sweden			509	
uk	United Kingdom				
cy	Cyprus				
cz	Czech Republic			516	
ee	Estonia				
hu	Hungary			490	
lt	Lithuania				
lv	Latvia			483	
mt	Malta				
pl	Poland			490	
si	Slovenia				
sk	Slovakia			498	
eu15	European Union 15				
eu25	European Union 25				
us	United States			483	
jp	Japan			534	

*Data notes:*

Mean performance per country in each PISA domain mathematical literacy (score points)  
 Source: De Meyer, I., Pauly, J.; Van de Poele, L. (2003): Learning for Tomorrow's Problems  
 - First Results from PISA 2003, Gent  
 Date of extraction: 1 June 07

Table 22: A2a2 Pisa reading literacy of 15 year olds

		2001	2002	2003	2004
at	Austria			491	
be	Belgium			507	
de	Germany			491	
dk	Denmark			492	
es	Spain			481	
fi	Finland			543	
fr	France			496	
gr	Greece			472	
ie	Ireland			515	
it	Italy			476	
lu	Luxembourg			479	
nl	Netherlands			513	
pt	Portugal			478	
se	Sweden			514	
uk	United Kingdom				
cy	Cyprus				
cz	Czech Republic			489	
ee	Estonia				
hu	Hungary			482	
lt	Lithuania				
lv	Latvia			491	
mt	Malta				
pl	Poland			497	
si	Slovenia				
sk	Slovakia			469	
eu15	European Union 15				
eu25	European Union 25				
us	United States			495	
jp	Japan			498	

*Data notes:*

Mean performance per country in each PISA domain reading literacy (score points)

Source: De Meyer, I., Pauly, J.; Van de Poele, L. (2003): Learning for Tomorrow's Problems

- First Results from PISA 2003, Gent

Date of extraction: 1 June 07

Table 23: A2a3 Youth education attainment level

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	
at	Austria	85,10	85,30	84,20	85,80	i
be	Belgium	81,70	81,60	81,20	81,80	
de	Germany	73,60	73,30	72,50	72,80	
dk	Denmark	78,40	i 78,60	76,20	b 76,20	
es	Spain	65,00	63,70	62,20	61,20	
fi	Finland	86,10	85,80	85,30	84,50	
fr	France	81,80	81,70	80,40	b 81,40	
gr	Greece	80,20	81,10	81,70	83,00	
ie	Ireland	83,90	84,00	85,10	p 85,30	p
it	Italy	67,90	69,60	71,00	73,40	
lu	Luxembourg	68,00	69,80	72,70	b 72,50	
nl	Netherlands	72,70	73,10	75,00	75,00	
pt	Portugal	44,40	44,40	47,90	49,60	
se	Sweden	85,50	b 86,70	85,80	86,00	
uk	United Kingdom	76,90	77,10	78,70	77,00	
cy	Cyprus	80,50	83,5 0	79,50	77,60	
cz	Czech Republic	90,60	92,20	92,10	91,40	
ee	Estonia	79,80	81,40	81,50	80,30	
hu	Hungary	84,70	85,90	84,70	b 83,50	
lt	Lithuania	80,50	81,30	b 84,20	85,00	
lv	Latvia	71,70	i 77,10	b 75,40	79,50	
mt	Malta	40,10	39,00	45,10	b 51,00	
pl	Poland	89,70	89,20	90,30	90,90	
si	Slovenia	88,20	90,70	90,80	90,50	
sk	Slovakia	94,40	94,50	94,10	91,70	
eu15	European Union 15	73,60	73,70	73,90	74,30	
eu25	European Union 25	76,50	76,70	76,90	77,20	
us	United States	:	:	:	:	
jp	Japan	:	:	:	:	

*Data notes:*

Youth education, lifelong learning, early school leavers Annual data (youth education attainment level percentage of the population aged 20 to 24 having completed at least upper secondary education)

Source: Eurostat, Unit D1 - Labour market. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Thu, 31 May 07 02:37:19, last update: Tue May 15 19:10:36 MEST 2007

*Legend:*

(.) not available; (b) break in series; (i) see explanatory text; (p) provisional value

Table 24: A2a4 New PhDs per thousand population aged 25-34

		2001	2002	2003	2004	
at	Austria	1,5	1,8	1,9	2,2	
be	Belgium	0,9	1,0	1,0	1,1	
de	Germany	2,1	2,1	2,1	2,2	
dk	Denmark	0,9	1,3	1,1	1,1	
es	Spain	1,0	1,0	1,1	i 1,1	
fi	Finland	2,8	i 2,7	i 2,7	:	
fr	France	1,2	:	1,0	:	
gr	Greece	:	:	:	0,8	
ie	Ireland	1,0	0,9	1,1	1,1	
it	Italy	0,4	0,5	0,7	0,7	
lu	Luxembourg	:	:	:	:	
nl	Netherlands	1,0	1,1	1,1	1,2	
pt	Portugal	1,8	i 1,9	i 2,3	i 2,4	i
se	Sweden	2,8	i 2,9	i 3,0	i 3,3	i
uk	United Kingdom	1,7	i 1,7	1,8	1,9	
cy	Cyprus	0,0	i 0,0	i 0,0	i 0,1	i
cz	Czech Republic	0,7	0,8	0,9	1,0	
ee	Estonia	0,8	1,0	1,2	1,1	
hu	Hungary	0,5	0,6	0,7	0,6	
lt	Lithuania	0,5	0,8	0,5	0,6	
lv	Latvia	0,1	0,2	0,2	0,3	
mt	Malta	0,2	0,2	0,1	:	
pl	Poland	0,9	0,8	1,0	1,0	
si	Slovenia	1,0	1,1	1,3	1,2	
sk	Slovakia	0,7	0,9	2,5	i 1,0	
eu15	European Union 15					
eu25	European Union 25	1,2	s 1,3	s 1,3	s 1,4	s
us	United States	2,3	2,3	2,4	2,5	
jp	Japan	1,3	1,4	1,5	1,7	

*Data notes:*

Tertiary education graduates (graduates (ISCED 6) per 1000 of the population aged 25-34)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Thu, 31 May 07 02:43:57, last update: Mon Mar 19 23:19:50 MET 2007

*Legend:*

(:) not available; (i) see explanatory text; (s) Eurostat estimate

Table 25: A2a5 Percentage of working age population (15-64) with a tertiary education (International Standard Classification of Education (ISCED) 5 and above)

		2001	2002	2003	2004
at	Austria	11,96			
be	Belgium				
de	Germany				
dk	Denmark	20,25			
es	Spain	7,99			
fi	Finland	26,07			
fr	France	19,95			
gr	Greece	15,77			
ie	Ireland	25,93			
it	Italy				
lu	Luxembourg	17,92			
nl	Netherlands	19,43			
pt	Portugal	15,84			
se	Sweden	21,14			
uk	United Kingdom	20,85			
cy	Cyprus	25,18			
cz	Czech Republic	10,58			
ee	Estonia	14,90			
hu	Hungary	11,90			
lt	Lithuania	23,41			
lv	Latvia	13,20			
mt	Malta				
pl	Poland	10,98			
si	Slovenia	13,93			
sk	Slovakia	10,49			
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Population by sex, age and selected social indicator (tertiary education - levels 5-6 (ISCED 1997)) by population by sex, country of birth and age group

Source: Eurostat, Eurostat, Unit F1 - Demographic and migration statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Thu, 31 May 07 03:13:48, last update: Wed Jan 11 17:18:55 MET 2006

Table 26: A2a6 Percentage of adult population (25-64) with a tertiary education (International Standard Classification of Education (ISCED) 5 and above)

		2001	2002	2003	2004
at	Austria	14,16			
be	Belgium				
de	Germany				
dk	Denmark	24,08			
es	Spain	9,45			
fi	Finland	31,25			
fr	France	21,48			
gr	Greece	18,55			
ie	Ireland	28,30			
it	Italy				
lu	Luxembourg	18,17			
nl	Netherlands	22,51			
pt	Portugal	14,54			
se	Sweden	24,53			
uk	United Kingdom	23,18			
cy	Cyprus	29,05			
cz	Czech Republic	12,53			
ee	Estonia	18,30			
hu	Hungary	14,27			
lt	Lithuania	27,35			
lv	Latvia	15,81			
mt	Malta				
pl	Poland	13,55			
si	Slovenia	17,11			
sk	Slovakia	13,11			
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Population by sex, age and selected social indicator (tertiary education - levels 5-6 (ISCED 1997)) by population by sex, country of birth and age group

Source: Eurostat, Eurostat, Unit F1 - Demographic and migration statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Thu, 31 May 07 03:14:49, last update: Wed Jan 11 17:18:55 MET 2006

Table 27: A2a7 Percentage of adult population (25-64) with an earned doctorate degree (International Standard Classification of Education (ISCED) 6)

		2001	2002	2003	2004
at	Austria	:			
be	Belgium				
de	Germany				
dk	Denmark	0,20			
es	Spain	0,71			
fi	Finland	0,75			
fr	France				
gr	Greece	0,41			
ie	Ireland	0,47			
it	Italy	:			
lu	Luxembourg	:			
nl	Netherlands	0,30			
pt	Portugal	0,36			
se	Sweden	0,86			
uk	United Kingdom	:			
cy	Cyprus	0,51			
cz	Czech Republic	0,41			
ee	Estonia	0,27			
hu	Hungary	:			
lt	Lithuania	0,00			
lv	Latvia	:			
mt	Malta				
pl	Poland	0,42			
si	Slovenia	0,37			
sk	Slovakia	0,68			
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Population by sex, indicator of citizenship age and highest level of educational attainment (second stage of tertiary education leading to an advanced research qualification - level 6 (ISCED 1997)) by population by sex, country of birth and age group  
Source: Eurostat, Eurostat, Unit F1 - Demographic and migration statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Thu, 31 May 07 03:18:45, last update: Wed Oct 12 21:30:32 MEST 2005

*Legend:*

(:) not available

### 3.2 A2b Human resource in science and technology (HRST) - education

Table 28: A2b1 Total human resource in science and technology (HRST) as a percentage of the working age population (15-64)

	2001	2002	2003	2004
at	Austria			
be	Belgium			
de	Germany			
dk	Denmark			
es	Spain			
fi	Finland			
fr	France			
gr	Greece			
ie	Ireland			
it	Italy			
lu	Luxembourg			
nl	Netherlands			
pt	Portugal			
se	Sweden			
uk	United Kingdom			
cy	Cyprus			
cz	Czech Republic			
ee	Estonia			
hu	Hungary			
lt	Lithuania			
lv	Latvia			
mt	Malta			
pl	Poland			
si	Slovenia			
sk	Slovakia			
eu15	European Union (15 countries)			
eu25	European Union (25 countries)			
us	United States			
jp	Japan			

*Data notes:*

No data existing for this indicator.



Table 29: A2b2 Researchers per thousand workers

		2001		2002		2003		2004	
at	Austria	..		6,14		..		6,59	
be	Belgium	7,25		6,82		6,82		6,89	p
de	Germany	6,66		6,71	c	6,81		6,78	
dk	Denmark	6,80	u	8,97	a	8,73		9,08	
es	Spain	4,43		4,44		4,74		5,00	
fi	Finland	14,05	u	14,69	u	15,93	u	15,68	a
fr	France	6,61		6,88		7,04		7,29	
gr	Greece	3,14		..		3,31		..	
ie	Ireland	5,02		5,13		5,40		5,73	
it	Italy	2,79		2,96		2,90		2,96	
lu	Luxembourg	..		..		6,51		6,61	
nl	Netherlands	5,58		4,63	a	4,49		..	
pt	Portugal	3,33		3,52	c	3,74		3,76	cp
se	Sweden	10,30		..		10,72		10,81	
uk	United Kingdom	..		..		..		..	
cy	Cyprus								
cz	Czech Republic	2,90		2,89		3,08		3,18	
ee	Estonia								
hu	Hungary	3,58	d	3,64	d	3,64	d	3,59	a
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	3,22		3,28		3,44		3,57	
si	Slovenia	4,61		4,78		3,93		4,00	
sk	Slovakia	3,61		3,49		3,65		4,03	
eu15	European Union 15	5,70	b	5,81	b	5,92	b	6,02	b
eu25	European Union 25	5,32	b	5,42	b	5,53	b	5,64	bp
us	United States	9,09	b	9,16	b	9,39	b	9,51	b
jp	Japan	10,01		9,67	a	10,13		10,20	

*Data notes:*

Total researchers per thousand labour force

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available, (a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (d) defence excluded (all or mostly); (p) provisional; (u) university graduates inst

Table 30: A2b3 Total researchers per thousand labour force in full-time equivalent (FTE)

		2001	2002	2003	2004	
at	Austria	..	9,90	..	10,89	
be	Belgium	12,58	11,57	11,52	11,59	p
de	Germany	12,11	12,11	c 11,96	11,80	
dk	Denmark	13,94	14,88	14,60	14,81	
es	Spain	6,95	7,15	7,75	8,02	
fi	Finland	20,34	20,93	21,83	22,28	
fr	France	12,43	12,69	12,65	12,85	
gr	Greece	6,60	..	6,74	..	
ie	Ireland	7,47	7,43	7,77	8,18	
it	Italy	6,44	6,81	6,68	6,73	
lu	Luxembourg	..	..	13,39	14,06	
nl	Netherlands	10,94	10,61	10,35	10,95	p
pt	Portugal	4,31	4,50	c 4,71	4,66	cp
se	Sweden	16,17	..	16,23	16,06	
uk	United Kingdom	..	..	..	..	
cy	Cyprus					
cz	Czech Republic	5,05	5,03	5,45	5,60	
ee	Estonia					
hu	Hungary	5,59	d 5,77	d 5,60	d 5,50	a
lt	Lithuania					
lv	Latvia					
mt	Malta					
pl	Poland	4,42	4,41	4,53	4,59	
si	Slovenia	8,82	8,87	7,08	7,08	
sk	Slovakia	5,44	5,19	5,07	5,39	
eu15	European Union 15	10,38	b 10,52	b 10,51	b 10,58	b
eu25	European Union 25	9,51	b 9,62	b 9,63	b 9,72	bp
us	United States	..	..	..	..	
jp	Japan	13,21	12,82	a 13,24	13,49	

*Data notes:*

Total researchers per thousand labour force in FTE

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available, (a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (d) defence excluded (all or mostly); (p) provisional

Table 31: A2b4 Total researchers in full-time equivalent (FTE) - compound annual growth rate

		2001	2002	2003	2004		
at	Austria	..	6,55	..	3,73		
be	Belgium	5,56	-4,87	0,81	1,77	p	
de	Germany	2,52	0,54	c	1,18	0,63	
dk	Denmark	1,33	..	a	-2,60	5,16	
es	Spain	4,45	4,04	11,05	9,16		
fi	Finland	5,86	4,72	8,01	..	a	
fr	France	3,08	5,10	3,42	3,77		
gr	Greece	-1,28	..	4,29	..		
ie	Ireland	5,08	4,77	7,07	9,67		
it	Italy	0,90	6,81	-1,28	2,39		
lu	Luxembourg	..	..	5,80	4,20		
nl	Netherlands	8,15	..	a	-2,30	..	
pt	Portugal	5,90	7,10	c	6,63	1,88	cp
se	Sweden	7,34	..	2,35	1,24		
uk	United Kingdom	..	..	..	..		
cy	Cyprus						
cz	Czech Republic	8,19	-0,09	5,58	3,11		
ee	Estonia						
hu	Hungary	1,80	2,04	1,44	..	a	
lt	Lithuania						
lv	Latvia						
mt	Malta						
pl	Poland	1,77	1,03	3,30	4,01		
si	Slovenia	3,74	3,20	-18,68	6,75		
sk	Slovakia	-3,72	-4,21	4,86	11,33		
eu15	European Union 15	3,60	b	3,02	b	2,74	b
eu25	European Union 25	3,44	b	2,67	b	2,69	b
us	United States	2,32	b	1,57	b	3,72	b
jp	Japan	4,37	..	a	4,45	0,28	

*Data notes:*

Total researchers - compound annual growth rate

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available, (a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (p) provisional; (u) university graduates instead of researchers

Table 32: A2b5 All tertiary science and engineering graduates per 1000 population aged 20-29

		2001	2002	2003	2004
at	Austria	7,3	7,9	8,2	8,7
be	Belgium	10,1 i	10,5 i	11,0 i	11,2 i
de	Germany	8,0	8,1	8,4	9,0
dk	Denmark	12,2	11,7	12,5	13,8
es	Spain	11,2	11,9	12,6	12,5
fi	Finland	17,2	17,4	17,4	:
fr	France	19,5	:	21,3	:
gr	Greece	:	:	:	8,0
ie	Ireland	22,9	20,5	24,2	23,1
it	Italy	6,1	7,4	9,0	10,1
lu	Luxembourg	:	:	:	:
nl	Netherlands	6,1	6,6	7,3	7,9
pt	Portugal	6,6	7,4	8,2	11,0 i
se	Sweden	12,4	13,3	13,9	15,9 i
uk	United Kingdom	20,0 i	20,3	21,0	18,1
cy	Cyprus	3,7 i	3,8 i	3,6 i	4,2 i
cz	Czech Republic	5,6	6,0	6,4	7,4
ee	Estonia	7,3 i	6,6 i	8,8	8,9
hu	Hungary	3,7	4,8	4,8	5,1 i
lt	Lithuania	14,8	14,6	16,3	17,5
lv	Latvia	7,6	8,1	8,6	9,4
mt	Malta	2,7	3,1	3,6	:
pl	Poland	7,6	8,3	9,0	9,4
si	Slovenia	8,2	9,5	8,7	9,3
sk	Slovakia	7,5	7,8	8,3	9,2
eu15	European Union 15				
eu25	European Union 25	11,0 s	11,4 s	12,3 s	12,6 s
us	United States	9,9	10,0	10,9	10,2
jp	Japan	12,8	13,0	13,2	13,4

*Data notes:*

Mathematics, science and technology enrolments and graduates (graduates (ISCED 5-6) in mathematics, science and technology per 1000 of population aged 20-29)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Thu, 31 May 07 04:28:06, last update: Thu Feb 01 16:11:36 MET 2007

*Legend:*

(:) not available; (i) see explanatory text; (s) Eurostat estimate

### 3.3 A2c Skills

Table 33: A2c1 Training enterprises as share of total by the Nomenclature générale des activités économiques dans les Communautés Européennes (NACE)

	2001	2002	2003	2004
at				
be				
de				
dk				
es				
fi				
fr				
gr				
ie				
it				
lu				
nl				
pt				
se				
uk				
cy				
cz				
ee				
hu				
lt				
lv				
mt				
pl				
si				
sk				
eu15				
eu25				
us				
jp				

*Data notes:*

Training enterprises as % of all enterprises, by type of training and NACE

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Thu, 31 May 07 04:34:03, last update: Mon Jul 05 15:13:57 MEST 2004

*Legend:*

No data available for the relevant years.

Table 34: A2c2 Average hours employed persons spend in training

		2001	2002	2003	2004
at	Austria				
be	Belgium				
de	Germany				
dk	Denmark				
es	Spain				
fi	Finland				
fr	France				
gr	Greece				
ie	Ireland				
it	Italy				
lu	Luxembourg				
nl	Netherlands				
pt	Portugal				
se	Sweden				
uk	United Kingdom				
cy	Cyprus				
cz	Czech Republic				
ee	Estonia				
hu	Hungary				
lt	Lithuania				
lv	Latvia				
mt	Malta				
pl	Poland				
si	Slovenia				
sk	Slovakia				
eu15	European Union (15 countries)				
eu25	European Union (25 countries)				
us	United States				
jp	Japan				

*Data notes:*

Hours in CVT courses per 1000 hours worked (all enterprises), by NACE (trng\_hour06n)  
Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Thu, 31 May 07 04:42:14, last update: Mon Jul 12 17:12:16 MEST 2004

*Legend:*

No data available for the relevant years.

Table 35: A2c3 Participation in life long learning per working age population (25-64)

		2001	2002	2003	2004
at	Austria	0,082	0,075	0,086	b 0,116 i
be	Belgium	0,064	0,060	0,070	0,086 b
de	Germany	0,052	0,058	0,060	i 0,074 i
dk	Denmark	0,184	0,180	0,242	b 0,256
es	Spain	0,044	0,044	0,047	0,047
fi	Finland	0,172	0,173	0,224	b 0,228
fr	France	0,027	0,027	0,070	b 0,070
gr	Greece	0,012	0,011	0,026	b 0,018
ie	Ireland	:	0,055	0,059	b 0,061
it	Italy	0,045	0,044	0,045	0,063 b
lu	Luxembourg	0,053	0,077	0,065	b 0,098
nl	Netherlands	0,159	0,158	0,164	b 0,164
pt	Portugal	0,033	0,029	0,032	0,043 b
se	Sweden	0,175	b 0,184	0,318	b 0,321
uk	United Kingdom	0,209	0,213	0,268	b 0,294
cy	Cyprus	0,034	0,037	0,079	b 0,093
cz	Czech Republic	:	0,056	0,051	b 0,058
ee	Estonia	0,054	0,054	0,067	0,064
hu	Hungary	0,027	0,029	0,045	b 0,040
lt	Lithuania	0,035	0,030	b 0,038	0,059 b
lv	Latvia	:	0,073	0,078	0,084
mt	Malta	0,046	0,044	0,042	0,043 b
pl	Poland	0,043	0,042	0,044	0,050 b
si	Slovenia	0,073	0,084	0,133	b 0,162
sk	Slovakia	:	0,085	0,037	b 0,043
eu15	European Union (15 countries)	0,080	e 0,081	0,098	b 0,107
eu25	European Union (25 countries)	0,075	e 0,076	0,090	b 0,099
us	United States				
jp	Japan				

*Data notes:*

Youth education, lifelong learning, early school leavers Annual data (lifelong learning (adult participation in education and training) percentage of the population aged 2564 participating in education and training over the four weeks prior to the survey)

Source: Eurostat, Unit D1 - Labour market. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Fri, 1 Jun 07 11:42:35, last update: Tue May 15 19:10:36 MEST 2007

*Legend:*

(:) not available; (b) break in series; (e) estimated value; (i) see explanatory text

### 3.4 A2d Creativity

Table 36: A2d1 Social trust

		2001	2002	2003	2004
at	Austria				
be	Belgium				
de	Germany				
dk	Denmark				
es	Spain				
fi	Finland				
fr	France				
gr	Greece				
ie	Ireland				
it	Italy				
lu	Luxembourg				
nl	Netherlands				
pt	Portugal				
se	Sweden				
uk	United Kingdom				
cy	Cyprus				
cz	Czech Republic				
ee	Estonia				
hu	Hungary				
lt	Lithuania				
lv	Latvia				
mt	Malta				
pl	Poland				
si	Slovenia				
sk	Slovakia				
eu15	European Union (15 countries)				
eu25	European Union (25 countries)				
us	United States				
jp	Japan				

*Data notes:*

Would you say that most people can be trusted or that you need to be very careful in dealing with people - Most people can be trusted.

Source: European Values Study Group and World Values Survey Association. EUROPEAN AND WORLD VALUES SURVEYS FOUR-WAVE INTEGRATED DATA FILE, 1981-2004, v.20060423, 2006; Analisis Sociologicos Economicos y Politicos (ASEP) and JD Systems (JDS), Madrid, Spain/Tillbur

Date of extraction: Aug 06

*Legend:*

No data available for the relevant years.



Table 37: A2d2 Percentage of employed in creative occupations

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	
at	Austria	32,36	32,33	33,30	38,56	b
be	Belgium	41,10	41,40	42,15	43,01	
de	Germany	39,34	39,83	40,76	41,34	
dk	Denmark	41,31	42,03	43,34	42,93	
es	Spain	29,80	29,82	29,95	30,55	
fi	Finland	45,07	41,35	42,05	43,22	
fr	France	36,00	36,49	37,59	38,04	
gr	Greece	28,34	29,70	29,29	32,14	
ie	Ireland	38,04	38,91	39,76	39,80	
it	Italy	30,19	30,76	31,02	38,79	
lu	Luxembourg	37,29	37,83	40,03	46,18	
nl	Netherlands	46,85	45,78	48,49	47,70	
pt	Portugal	21,33	21,51	23,16	25,70	
se	Sweden	42,16	42,69	43,18	43,95	
uk	United Kingdom	38,91	38,75	39,59	40,34	
cy	Cyprus	28,11	28,23	29,04	20,85	
cz	Czech Republic	36,32	35,94	36,59	37,58	
ee	Estonia	38,23	39,00	37,72	38,78	
hu	Hungary	30,66	31,31	32,61	33,86	
lt	Lithuania	31,68	32,08	31,75	32,90	
lv	Latvia	34,04	34,34	32,46	33,78	
mt	Malta	30,58	32,22	33,53	33,61	
pl	Poland	29,58	30,14	30,91	31,55	
si	Slovenia	32,40	34,00	34,67	35,45	
sk	Slovakia	34,52	33,78	34,54	35,02	
eu15	European Union 15	36,12	i 36,46	i 37,16	i 38,91	i
eu25	European Union 25	35,44	i 35,76	i 36,49	i 38,08	i
us	United States					
jp	Japan					

*Data notes:*

Calculated as annual average from: Employment by sex, age groups, professional status and occupation (1000) (Isco 1-3) (quarterly) to employment by sex, age groups, professional status and occupation (1000) (total) (quarterly)

Source: Eurostat, Unit F2 - Labour Market statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Thu, 31 May 07 05:08:01, last update: Tue May 29 16:01:23 MEST 2007

*Legend:*

(b) break in series; (i) see explanatory text

### 3.5 A2e Mobility

Table 38: A2e1 Job to job mobility by the nomenclature générale des activités économiques dans les Communautés Européennes (NACE)

		2001		2002		2003		2004	
at	Austria	:	u	5,8		5,2		6,9	b
be	Belgium	7,1		6,6		5,3		5,2	
de	Germany	6,6		6,2		5,2		5,1	
dk	Denmark	12,5		10,9		10,3		9,4	
es	Spain	7,1		6,9		7,3		7,4	
fi	Finland	10,7		10,3	b	8,8		8,9	
fr	France	8,2		8,1		:	u	:	u
gr	Greece	3,1		5,0		4,0		5,0	b
ie	Ireland	:	u	:	u	:	u	:	u
it	Italy	5,2		5,1		4,4		4,6	b
lu	Luxembourg	5,8		5,3		4,1	b	4,6	b
nl	Netherlands	:	u	:	u	:	bu	:	u
pt	Portugal	5,5		6,3		6,1		5,3	b
se	Sweden	:	u	:	u	2,9	u	2,8	u
uk	United Kingdom	11,3	b	10,5		9,4		9,5	
cy	Cyprus	7,1		6,5		8,6		7,1	
cz	Czech Republic	6,5		5,1		4,2		4,5	
ee	Estonia	8,5		8,1		9,2		6,2	
hu	Hungary	3,8		3,6		4,0		4,3	
lt	Lithuania	6,2	b	7,4		5,8		5,6	
lv	Latvia	:	u	6,4	b	7,4	b	5,8	
mt	Malta	6,1	bu	6,2	u	5,4	u	:	u
pl	Poland	5,2		4,4		4,9		4,5	
si	Slovenia	4,9	b	4,8		5,7	b	6,6	
sk	Slovakia	2,3		1,8		4,1		3,9	
eu15	European Union 15	7,1	i	6,9	i	4,9	i	5,0	i
eu25	European Union 25	6,8	i	6,6	i	4,9	i	5,0	i
us	United States								
jp	Japan								

*Data notes:*

Annual data on job-to-job mobility of HRST, employed, 25-64 years old, by gender (percentage)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Thu, 31 May 07 05:12:28, last update: Fri Mar 30 17:40:10 MEST 2007

*Legend:*

(:) not available; (b) break in series; (i) see explanatory text; (u) unreliable or uncertain data

## 4 A3 Knowledge production and diffusion

### 4.1 A3a Research and experimental development family

Table 39: A3a1 Gross domestic expenditure on research and experimental development (GERD) to gross domestic product (GDP)

		2001		2002		2003		2004	
at	Austria	2,03	c	2,12		2,23	c	2,23	
be	Belgium	2,08		1,94		1,89		1,86	p
de	Germany	2,46		2,49		2,52		2,49	
dk	Denmark	2,39		2,51		2,58		2,50	
es	Spain	0,91		0,99		1,05		1,06	
fi	Finland	3,30		3,36		3,43		3,45	
fr	France	2,20		2,23		2,17		2,14	
gr	Greece	0,51		0,00		0,50		0,48	p
ie	Ireland	1,10		1,10		1,18		1,25	
it	Italy	1,09		1,13		1,11		1,10	
lu	Luxembourg	0,00		0,00		1,66		1,66	
nl	Netherlands	1,80		1,72		1,76		1,78	p
pt	Portugal	0,80		0,76	c	0,74		0,77	cp
se	Sweden	4,25	m	0,00		3,95	m	3,71	m
uk	United Kingdom	1,83		1,83		1,79		1,73	
cy	Cyprus								
cz	Czech Republic	1,20		1,20		1,25		1,26	
ee	Estonia								
hu	Hungary	0,92	d	1,00	d	0,93	d	0,88	
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	0,62		0,56		0,54		0,56	
si	Slovenia	1,55		1,52		1,32		1,45	
sk	Slovakia	0,63		0,57		0,58		0,51	
eu15	European Union 15	1,87	b	1,88	b	1,88	b	1,85	bp
eu25	European Union 25	1,78	b	1,79	b	1,78	b	1,76	bp
us	United States	2,76	j	2,66	j	2,66	j	2,58	j
jp	Japan	3,12		3,17		3,20		3,17	

*Data notes:*

GERD expenditure as a percentage of GDP

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(b) secretariat estimate or projection based on national sources;(c) national estimate or projection; (d) defence excluded (all or mostly); (j) excludes most or all capital expenditure; (m) underestimated or based on underestimated data; (p) provisional

Table 40: A3a2 Gross domestic expenditure on research and experimental development (GERD) - Compound annual growth rate (constant prices)

		2001		2002		2003		2004	
at	Austria	7,16	c	5,13		6,21	c	2,33	
be	Belgium	6,36		-4,95		-2,10		1,03	p
de	Germany	1,51		1,18		1,15		-0,07	
dk	Denmark	6,93		5,56		3,08		-0,95	
es	Spain	4,50		10,75		9,63		4,75	
fi	Finland	1,37		3,26		4,03		4,30	
fr	France	4,18		2,55		-1,73		1,11	
gr	Greece	2,69		..		3,38		1,11	p
ie	Ireland	3,52		6,51		11,20		10,43	
it	Italy	5,77		4,06		-1,84		0,37	
lu	Luxembourg	..		..		2,74		3,36	
nl	Netherlands	0,75		-4,35		2,22		3,38	p
pt	Portugal	8,11		-4,67	c	-3,89		5,42	cp
se	Sweden	11,33		..		-1,85		-2,19	
uk	United Kingdom	1,00		2,02		0,36		-0,12	
cy	Cyprus								
cz	Czech Republic	2,01		1,43		8,11		5,07	
ee	Estonia								
hu	Hungary	23,04		12,98		-3,03		-0,98	
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	-2,12		-8,96		0,41		8,65	
si	Slovenia	11,42		1,48		-11,05		14,66	
sk	Slovakia	1,17		-6,38		5,76		-6,36	
eu15	European Union 15	3,44	b	1,85	b	0,72	b	0,82	bp
eu25	European Union 25	3,49	b	1,78	b	0,76	b	1,03	bp
us	United States	1,46		-2,14		2,39		1,03	
jp	Japan	2,82		1,63		2,49		1,73	

*Data notes:*

GERD - compound annual growth rate (constant prices)

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (p) provisional

Table 41: A3a3 Gross domestic expenditure on research and experimental development (GERD) per capita population (current purchasing power parities (PPP) \$)

		2001		2002		2003		2004	
at	Austria	595,00	c	635,56		707,34	c	739,84	
be	Belgium	582,78		570,24		576,80		593,99	p
de	Germany	648,50		674,98		730,02		745,01	
dk	Denmark	714,09		760,16		790,25		803,28	
es	Spain	204,32		234,41		261,13		277,05	
fi	Finland	913,97		960,78		958,59		1031,53	
fr	France	599,20		623,43		600,36		621,28	
gr	Greece	112,25		..		129,76		132,96	p
ie	Ireland	338,55		364,98		407,37		455,66	
it	Italy	291,50		309,65		301,57		304,69	
lu	Luxembourg	..		..		1012,54		1075,35	
nl	Netherlands	548,85		539,31		559,41		597,81	p
pt	Portugal	153,64		150,75	c	139,17		148,71	cp
se	Sweden	1173,06	m	..		1172,19	m	1152,37	m
uk	United Kingdom	496,91		531,28		535,40		550,93	
cy	Cyprus								
cz	Czech Republic	190,19		202,98		227,53		245,06	
ee	Estonia								
hu	Hungary	125,59	d	147,14	d	145,09	d	144,78	
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	68,84		64,80		65,27		73,17	
si	Slovenia	273,76		283,09		262,34		311,43	
sk	Slovakia	73,93		72,66		78,63		75,30	
eu15	European Union 15	493,66	b	515,72	b	529,35	b	544,26	bp
eu25	European Union 25	429,06	b	448,10	b	460,61	b	475,04	bp
us	United States	974,98	j	961,15	j	995,22	j	1024,10	j
jp	Japan	818,13		849,37		886,79		928,12	

*Data notes:*

GERD per capita population (current PPP \$)

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (d) defence excluded (all or mostly); (j) excludes most or all capital expenditure; (m) underestimated or based on underestimated data; (p) provisional

Table 42: A3a4 Estimated civil gross domestic expenditure on research and experimental development (GERD) as a percentage of gross domestic product (GDP)

		2001		2002		2003		2004	
at	Austria	0,00		2,12		0,00		2,22	
be	Belgium	2,07		1,94		1,88		0,00	
de	Germany	2,42	c	2,46	c	2,49	c	2,46	c
dk	Denmark	0,00		0,00		0,00		0,00	
es	Spain	0,89	cl	0,00		1,03	cl	0,00	
fi	Finland	3,28		3,33		3,40		3,42	
fr	France	2,03		2,05		1,92		1,89	
gr	Greece	0,51	b	0,00		0,50	b	0,48	p
ie	Ireland	1,10		1,10		1,18		1,25	
it	Italy	1,08		0,00		0,00		0,00	
lu	Luxembourg	0,00		0,00		1,66		0,00	
nl	Netherlands	0,00		0,00		0,00		0,00	
pt	Portugal	0,80		0,75	c	0,73		0,00	
se	Sweden	4,03	m	0,00		3,73	m	0,00	
uk	United Kingdom	1,62		1,65		1,60		1,53	
cy	Cyprus								
cz	Czech Republic	1,17		1,16		1,24		1,25	
ee	Estonia	0,00							
hu	Hungary	0,00		0,00		0,00		0,00	
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland								
si	Slovenia	1,55		1,52		1,32		1,44	
sk	Slovakia	0,60		0,55		0,55		0,48	
eu15	European Union 15	1,79	b	1,80	b	1,79	b	1,76	bp
eu25	European Union 25	1,68	b	1,69	b	1,68	b	1,65	bp
us	United States	2,38	j	2,25	j	2,21	j	2,12	j
jp	Japan	3,09		3,14		3,17		3,13	

*Data notes:*

Estimated civil GERD as a percentage of GDP

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (j) excludes most or all capital expenditure; (l) overestimated or based on overestimated data; (m) underestimated or based on underestimated data; (p) provisional

Table 43: A3a5 Government expenditure on research and experimental development (GOVERD) as a percentage of gross domestic product (GDP)

		2001		2002		2003		2004	
at	Austria	0,00		0,12		0,00		0,11	
be	Belgium	0,13		0,14		0,13		0,13	p
de	Germany	0,34	o	0,34	o	0,34	o	0,34	o
dk	Denmark	0,28		0,18	a	0,18		0,17	
es	Spain	0,15		0,15		0,16		0,17	
fi	Finland	0,34		0,35		0,33		0,33	
fr	France	0,36		0,37		0,36		0,37	
gr	Greece	0,11		0,00		0,10		0,10	p
ie	Ireland	0,09		0,10		0,09		0,09	
it	Italy	0,20		0,20		0,19		0,20	
lu	Luxembourg	0,14		0,16		0,18		0,18	
nl	Netherlands	0,25		0,24		0,25	a	0,26	
pt	Portugal	0,17		0,14	c	0,12		0,12	cp
se	Sweden	0,12	h	0,00		0,14	h	0,12	h
uk	United Kingdom	0,18	a	0,17		0,19		0,18	
cy	Cyprus								
cz	Czech Republic	0,29		0,28		0,29		0,27	
ee	Estonia								
hu	Hungary	0,24	dv	0,33	dv	0,29	dv	0,26	v
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	0,19		0,25		0,22		0,22	
si	Slovenia	0,38		0,35		0,29		0,29	
sk	Slovakia	0,15	d	0,15	d	0,18	d	0,16	d
eu15	European Union 15	0,24	b	0,24	b	0,24	b	0,24	bp
eu25	European Union 25	0,24	b	0,24	b	0,24	b	0,24	bp
us	United States	0,31	h	0,32	h	0,33	h	0,32	h
jp	Japan	0,30		0,30		0,30		0,30	

*Data notes:*

GOVERD as a percentage of GDP

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (d) defence excluded (all or mostly); (h) federal or central government only; (o) includes other classes; (p) provisional

Table 44: A3a6 Higher education expenditure on research and experimental development (HERD) as a percentage of gross domestic product (GDP)

		2001		2002		2003		2004	
at	Austria	0,00		0,57		0,00		0,59	
be	Belgium	0,41		0,41		0,42		0,41	p
de	Germany	0,40		0,42		0,43		0,41	
dk	Denmark	0,45		0,58	a	0,60		0,61	
es	Spain	0,28	c	0,29		0,32		0,31	
fi	Finland	0,60		0,64		0,66		0,68	
fr	France	0,42		0,42		0,42		0,41	
gr	Greece	0,23		0,00		0,23		0,23	p
ie	Ireland	0,24		0,25		0,29		0,33	
it	Italy	0,35		0,37		0,37		0,36	
lu	Luxembourg	0,01		0,00		0,01	c	0,02	
nl	Netherlands	0,49		0,50		0,49		0,50	p
pt	Portugal	0,29		0,29	c	0,28		0,30	cp
se	Sweden	0,84		0,00		0,87		0,85	
uk	United Kingdom	0,42		0,44		0,43		0,43	
cy	Cyprus								
cz	Czech Republic	0,19		0,19		0,19		0,19	
ee	Estonia								
hu	Hungary	0,24	v	0,25	v	0,25	v	0,22	v
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	0,20		0,19		0,17		0,18	
si	Slovenia	0,25		0,24		0,18		0,19	
sk	Slovakia	0,06		0,05		0,08		0,10	
eu15	European Union 15	0,40	b	0,42	b	0,42	b	0,41	bp
eu25	European Union 25	0,38	b	0,40	b	0,40	b	0,39	bp
us	United States	0,33	j	0,36	j	0,37	j	0,37	j
jp	Japan	0,45		0,44		0,44		0,43	

*Data notes:*

HERD as a percentage of GDP

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (j) excludes most or all capital expenditure; (p) provisional; (v) the sum of the breakdown does not add to the total (see General Methodology)



Table 45: A3a7 Government budget appropriations or outlays for research and experimental development by socio-economic objectives (GBAORD) as a percentage of gross domestic product (GDP)

		2001		2002		2003		2004	
at	Austria	0,65	h	0,66	h	0,64	h	0,65	h
be	Belgium	0,59		0,60		0,61		0,59	
de	Germany	0,78		0,78		0,79		0,77	
dk	Denmark	0,75	ac	0,73	c	0,73		0,72	
es	Spain	0,66	c	0,74		0,73		0,80	
fi	Finland	0,97		0,96		1,00		1,01	
fr	France	0,99		1,00		0,99		0,96	
gr	Greece	0,25		0,22		0,23		0,26	
ie	Ireland	0,32		0,33		0,34		0,44	
it	Italy	0,68		..		..		..	
lu	Luxembourg	0,17		0,20		0,24		0,27	
nl	Netherlands	0,75		0,74		0,74		0,73	
pt	Portugal	0,60		0,67		0,61		0,63	
se	Sweden	0,84		0,90		0,95		0,90	
uk	United Kingdom	0,68	a	0,77		0,76		0,71	
cy	Cyprus								
cz	Czech Republic	..		0,50		0,52		0,51	
ee	Estonia								
hu	Hungary	..		..		..		..	
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	0,39						0,31	
si	Slovenia	0,52		0,55		0,57		0,61	
sk	Slovakia	0,34		0,31	a	0,30		0,30	
eu15	European Union 15	0,78	ab	0,79		0,78		0,78	
eu25	European Union 25	0,73	am	0,75	m	0,74	m	0,74	m
us	United States	0,91	hi	0,99	hi	1,05	hi	1,08	hi
jp	Japan	0,70	h	0,72	h	0,73	h	0,72	h

*Data notes:*

Calculated with: GBAORD to GDP

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available; (a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (h) federal or central government only; (i) excludes data for the R&D content of general payment to the Higher Education sector for combined education and research (public GUF); (m) underestimated or based on underestimated data; (p) provisional

Table 46: A3a8 Business expenditures on research and experimental development (BERD) as a percentage of gross domestic product (GDP)

		2001		2002		2003		2004	
at	Austria	0,00		0,01		0,00		0,02	
be	Belgium	0,02		0,01		0,01		0,01	p
de	Germany	0,02		0,02		0,02		0,02	
dk	Denmark	0,02		0,02		0,02		0,02	
es	Spain	0,00		0,01	a	0,01		0,01	
fi	Finland	0,02		0,02		0,02		0,02	
fr	France	0,01	a	0,01		0,01		0,01	
gr	Greece	0,00		0,00		0,00		0,00	p
ie	Ireland	0,01		0,01		0,01		0,01	
it	Italy	0,01		0,01		0,01		0,01	
lu	Luxembourg	0,00		0,00		0,01		0,01	
nl	Netherlands	0,01		0,01		0,01		0,01	
pt	Portugal	0,00		0,00	c	0,00		0,00	cp
se	Sweden	0,03	m			0,03	m	0,03	m
uk	United Kingdom	0,01	a	0,01		0,01		0,01	
cy	Cyprus								
cz	Czech Republic	0,01		0,01		0,01		0,01	
ee	Estonia								
hu	Hungary	0,00	v	0,00	v	0,00	v	0,00	v
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	0,00		0,00		0,00		0,00	
si	Slovenia	0,01		0,01		0,01		0,01	
sk	Slovakia	0,00		0,00		0,00		0,00	
eu15	European Union 15	0,01	b	0,01	b	0,01	b	0,01	bp
eu25	European Union 25	0,01	b	0,01	b	0,01	b	0,01	bp
us	United States	0,02	j	0,02	j	0,02	j	0,02	j
jp	Japan	0,02		0,02		0,02		0,02	

*Data notes:*

BERD as a percentage of GDP

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (j) excludes most or all capital expenditure; (m) underestimated or based on underestimated data; (p) provisional; (v) The sum of the breakdown does not add to the total (see General Methodology)

Table 47: A3a9 Business expenditures on research and experimental development (BERD)  
- compound annual growth rate (constant prices)

		2001		2002		2003		2004	
at	Austria	..		8,21		..		4,96	
be	Belgium	7,36		-8,28		-3,12		0,66	p
de	Germany	0,84		0,28		1,86		0,02	
dk	Denmark	9,89		6,23		3,20		-2,53	
es	Spain	1,98		..	a	8,67		5,29	
fi	Finland	1,64		1,48		4,95		3,75	
fr	France	..	a	2,64		-2,71		0,92	
gr	Greece	35,61		-0,46		5,41		-2,02	p
ie	Ireland	1,29		4,61		9,07		7,54	
it	Italy	3,67		2,48		-4,03		1,56	
lu	Luxembourg	..		..		1,43		1,82	
nl	Netherlands	0,57		-7,14		3,49		4,12	
pt	Portugal	23,71		-2,67	c	-1,88		10,65	cp
se	Sweden	12,89		..		-3,86		-2,93	
uk	United Kingdom	..	a	1,00		-1,41		-1,48	
cy	Cyprus								
cz	Czech Republic	2,38		2,96		7,95		9,71	
ee	Estonia								
hu	Hungary	11,31		-0,04		0,41		10,84	
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	-2,81		-48,31		35,33		13,66	
si	Slovenia	14,31		4,81		-4,73		20,14	
sk	Slovakia	3,50		-10,55		-9,24		-16,56	
eu15	European Union 15	3,57	b	1,02	b	0,20	b	0,49	bp
eu25	European Union 25	3,59	b	0,64	b	0,40	b	0,77	bp
us	United States	-1,37		-5,68		1,38		0,91	
jp	Japan	6,75		2,69		3,22		2,02	

*Data notes:*

BERD - compound annual growth rate (constant prices)

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available; (a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (p) provisional

Table 48: A3a10 Business expenditures on research and experimental development (BERD) as a percentage of value added in industry

		2001		2002		2003		2004	
at	Austria	0,00		1,99		0,00		2,12	
be	Belgium	2,20		2,00		1,92		1,90	p
de	Germany	2,47		2,49		2,54		2,49	
dk	Denmark	2,61		2,78		2,87		2,75	
es	Spain	0,66		0,75	a	0,79		0,81	
fi	Finland	3,39		3,41		3,57		3,56	
fr	France	2,06	a	2,10		2,02		2,00	
gr	Greece	0,24		0,23		0,23		0,22	p
ie	Ireland	1,02		1,02		1,08		1,14	
it	Italy	0,74		0,76		0,73		0,73	
lu	Luxembourg	0,00		0,00		1,99		1,99	
nl	Netherlands	1,53		1,44		1,50		1,54	
pt	Portugal	0,39		0,38	c	0,38		0,41	cp
se	Sweden	5,10	m			4,64	m	4,30	m
uk	United Kingdom	1,76	a	1,74		1,68		1,61	
cy	Cyprus								
cz	Czech Republic	0,95		0,97		1,02		1,08	
ee	Estonia								
hu	Hungary	0,55	v	0,53	v	0,52	v	0,55	v
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	0,31		0,16		0,21		0,22	
si	Slovenia	1,30		1,32		1,22		1,40	
sk	Slovakia	0,57		0,49		0,43		0,34	
eu15	European Union 15	1,74	b	1,74	b	1,74	b	1,71	bp
eu25	European Union 25	1,64	b	1,63	b	1,63	b	1,60	bp
us	United States	2,83	j	2,66	j	2,65	j	2,56	j
jp	Japan	3,06		3,15		3,20		3,19	

*Data notes:*

BERD as a percentage of value added in industry

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (j) excludes most or all capital expenditure; (m) underestimated or based on underestimated data; (p) provisional; (v) The sum of the breakdown does not add to the total (see General Methodology)

Table 49: A3a11 Business expenditures on research and experimental development (BERD) to gross domestic expenditure on research and experimental development (GERD)

		2001		2002		2003		2004	
at	Austria	..	c	66,84		..	c	67,75	
be	Belgium	72,97		70,42		69,68		69,43	p
de	Germany	69,87		69,24		69,73		69,79	
dk	Denmark	68,58		69,02		69,10		68,00	
es	Spain	52,37		54,58	a	54,10		54,38	
fi	Finland	71,10		69,87		70,49		70,12	
fr	France	63,19	a	63,25		62,62		62,50	
gr	Greece	32,66		..		32,06		31,07	p
ie	Ireland	70,08		68,83		67,51		65,75	
it	Italy	49,08		48,33		47,25		47,81	
lu	Luxembourg	..		..		89,10		87,78	
nl	Netherlands	58,35		56,65		57,35		57,77	p
pt	Portugal	31,81		32,48	c	33,15		34,80	cp
se	Sweden	77,24	m	..		74,10	m	73,54	m
uk	United Kingdom	65,50	a	64,85		63,71		62,84	
cy	Cyprus								
cz	Czech Republic	60,18		61,08		60,99		63,69	
ee	Estonia								
hu	Hungary	40,09	vd	35,47	vd	36,73	vd	41,12	v
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	35,83		20,34		27,42		28,68	
si	Slovenia	57,78		59,68		63,92		66,98	
sk	Slovakia	67,33		64,33		55,20		49,19	
eu15	European Union 15	64,60	b	64,06	b	63,85	b	63,64	bp
eu25	European Union 25	63,92	b	63,18	b	63,09	b	62,92	bp
us	United States	72,61	j	69,97	j	69,28	j	69,20	j
jp	Japan	73,67		74,44		74,98		75,19	

*Data notes:*

Calculated with: BERD to GERD

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available; (a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (d) defence excluded (all or mostly); (j) excludes most or all capital expenditure; (m) underestimated or based on underestimated data; (p) provisional; (v) The sum of the breakdown does not add to the total (see General Methodology)

Table 50: A3a12 Percentage of Business expenditures on research and experimental development (BERD) performed in service industries

		<b>2001</b>		<b>2002</b>		<b>2003</b>		<b>2004</b>	
at	Austria	0,00		26,45		0,00		27,43	
be	Belgium	14,21	b	16,95	b	17,69	b	17,83	b
de	Germany	8,96	b	8,61	b	8,52	b	8,40	b
dk	Denmark	33,83	b	39,68	b	36,22	b	33,35	b
es	Spain	25,67	b	27,29	b	29,54	b	25,61	b
fi	Finland	12,43	b	12,96	b	13,37	b	14,52	b
fr	France	12,25	b	11,08	b	9,35	b	0,00	
gr	Greece	34,88		0,00		34,20		0,00	
ie	Ireland	32,18	b	35,42	b	37,88	b	35,41	b
it	Italy	21,64	b	25,07	b	25,14	b	24,43	b
lu	Luxembourg	0,00		0,00		52,77		0,00	
nl	Netherlands	19,57	b	19,48	b	17,44	b	18,34	b
pt	Portugal	49,25		51,09	c	52,89		0,00	
se	Sweden	11,54	b	10,98	b	10,42	b	0,00	
uk	United Kingdom	18,48	b	20,18	b	21,01	b	21,13	b
cy	Cyprus								
cz	Czech Republic	29,76	b	33,67	b	34,58	b	36,93	b
ee	Estonia								
hu	Hungary	19,42		22,44		20,02		17,56	
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	18,22	b	12,53	b	16,78	b	24,67	b
si	Slovenia	15,10		13,65		12,96		17,59	
sk	Slovakia	56,04		56,70		57,50		59,52	
eu15	European Union 15	14,61	b	15,20	b	15,01	b	0,00	
eu25	European Union 25	0,00		0,00		0,00		0,00	
us	United States	35,70	b	38,90	b	36,10	b	0,00	
jp	Japan	7,20	ab	6,81	b	9,14	b	0,00	

*Data notes:*

Percentage of BERD performed in service industries

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(a) break in series with previous year for which data is available; (b) secretariat estimate or projection based on national sources; (c) national estimate or projection; (p) provisional

## 4.2 A3b Patents

Table 51: A3b1 European Patent Office (EPO) patent applications by priority year per million population

		2001	2002	2003	2004
at	Austria	175,05	186,12	195,11	
be	Belgium	136,73	141,80	144,49	
de	Germany	304,06	299,99	311,71	
dk	Denmark	223,64	219,00	235,82	
es	Spain	28,53	30,64	30,58	
fi	Finland	347,36	309,09	305,60	
fr	France	141,75	140,22	149,06	
gr	Greece	8,92	9,87	11,18	
ie	Ireland	89,16	79,87	77,29	
it	Italy	80,36	84,14	87,27	
lu	Luxembourg	179,16	155,12	200,47	
nl	Netherlands	280,07	246,15	244,31	
pt	Portugal	5,52	4,85	7,50	
se	Sweden	325,25	293,32	284,92	
uk	United Kingdom	128,58	124,19	121,42	
cy	Cyprus	24,06	8,97	16,36	
cz	Czech Republic	11,32	12,04	15,95	
ee	Estonia	10,51	7,83	15,54	
hu	Hungary	17,91	19,22	18,89	
lt	Lithuania	2,24	2,78	5,81	
lv	Latvia	4,72	5,53	5,88	
mt	Malta	16,48	11,83	8,81	
pl	Poland	3,14	4,73	4,19	
si	Slovenia	29,39	52,13	50,43	
sk	Slovakia	4,27	7,71	8,14	
eu15	European Union 15	160,31	156,65	160,65	
eu25	European Union 25	135,20	132,55	136,11	
us	United States	166,77	164,24	167,58	
jp	Japan	184,20	194,85	219,14	

*Data notes:*

Patent applications to the EPO by priority year at the national level (million inhabitants)  
 Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Fri, 1 Jun 07 03:28:30, last update: Thu Feb 22 15:19:30 MET 2007

Table 52: A3b2 European Patent Office (EPO) high tech patent applications by priority year per million population

		2001	2002	2003	2004
at	Austria	24,62	27,45	28,97	
be	Belgium	24,64	26,60	23,41	
de	Germany	47,56	45,17	44,04	
dk	Denmark	48,03	39,85	45,77	
es	Spain	4,09	4,03	3,96	
fi	Finland	149,74	137,51	125,59	
fr	France	31,04	30,12	32,08	
gr	Greece	1,38	2,09	1,88	
ie	Ireland	29,27	23,28	15,87	
it	Italy	7,08	8,34	8,40	
lu	Luxembourg	8,72	9,26	14,12	
nl	Netherlands	98,34	68,75	56,10	
pt	Portugal	0,87	0,42	1,40	
se	Sweden	77,26	63,50	62,81	
uk	United Kingdom	32,54	27,88	25,67	
cy	Cyprus	6,21	2,35	5,06	
cz	Czech Republic	0,86	0,76	0,99	
ee	Estonia	3,80	1,84	5,85	
hu	Hungary	3,86	2,61	3,36	
lt	Lithuania	0,55	:	0,56	
lv	Latvia	:	1,07	0,43	
mt	Malta				
pl	Poland	0,36	0,65	0,60	
si	Slovenia	2,75	4,65	4,35	
sk	Slovakia	0,97	0,73	0,93	
eu15	European Union 15	32,15	29,13	28,07	
eu25	European Union 25	27,05	24,54	23,71	
us	United States	51,13	47,29	47,56	
jp	Japan	45,99	49,95	53,51	

*Data notes:*

High-tech patent applications to the EPO by priority year at the national level (million inhabitants)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

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*Legend:*

(:) not available



Table 53: A3b3 United States Patent and Trademark Office (USPTO) patents grants per million population

	2001	2002	2003	2004
at	Austria			
be	Belgium			
de	Germany			
dk	Denmark			
es	Spain			
fi	Finland			
fr	France			
gr	Greece			
ie	Ireland			
it	Italy			
lu	Luxembourg			
nl	Netherlands			
pt	Portugal			
se	Sweden			
uk	United Kingdom			
cy	Cyprus			
cz	Czech Republic			
ee	Estonia			
hu	Hungary			
lt	Lithuania			
lv	Latvia			
mt	Malta			
pl	Poland			
si	Slovenia			
sk	Slovakia			
eu15	European Union (15 countries)			
eu25	European Union (25 countries)			
us	United States			
jp	Japan			

*Data notes:*

Patents granted by the USPTO by priority year at the national level

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Fri, 1 Jun 07 03:34:00, last update: Thu Feb 22 15:19:59 MET 2007

*Legend:*

No data available for the relevant years.

Table 54: A3b4 United States Patent and Trademark Office (USPTO) high tech patent grants per million population

	2001	2002	2003	2004
at	Austria			
be	Belgium			
de	Germany			
dk	Denmark			
es	Spain			
fi	Finland			
fr	France			
gr	Greece			
ie	Ireland			
it	Italy			
lu	Luxembourg			
nl	Netherlands			
pt	Portugal			
se	Sweden			
uk	United Kingdom			
cy	Cyprus			
cz	Czech Republic			
ee	Estonia			
hu	Hungary			
lt	Lithuania			
lv	Latvia			
mt	Malta			
pl	Poland			
si	Slovenia			
sk	Slovakia			
eu15	European Union (15 countries)			
eu25	European Union (25 countries)			
us	United States			
jp	Japan			

*Data notes:*

High-tech patents granted by the USPTO by priority year at the national level

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

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*Legend:*

No data available for the relevant years.

Table 55: A3b5 Triadic patent families by priority year per million population

		<b>2001</b>		<b>2002</b>		<b>2003</b>		<b>2004</b>	
at	Austria	33,57	b	33,86	b	34,59	b	35,18	b
be	Belgium	32,79	b	32,65	b	32,80	b	34,39	b
de	Germany	75,58	b	74,10	b	74,84	b	76,16	b
dk	Denmark	42,49	b	42,26	b	43,22	b	41,14	b
es	Spain	4,02	b	4,06	b	3,98	b	4,69	b
fi	Finland	62,71	b	48,92	b	49,76	b	51,34	b
fr	France	36,93	b	38,26	b	38,86	b	39,14	b
gr	Greece	0,59	b	0,83	b	1,12	b	0,86	b
ie	Ireland	12,85	b	11,84	b	12,15	b	12,66	b
it	Italy	12,16	b	11,60	b	12,20	b	12,14	b
lu	Luxembourg	48,20	b	34,58	b	47,84	b	59,25	b
nl	Netherlands	87,84	b	75,56	b	74,17	b	74,62	b
pt	Portugal	0,60	b	0,68	b	0,82	b	0,69	b
se	Sweden	66,66	b	74,19	b	66,50	b	67,42	b
uk	United Kingdom	27,74	b	28,34	b	27,49	b	26,75	b
cy	Cyprus								
cz	Czech Republic	1,23	b	1,39	b	1,49	b	1,44	b
ee	Estonia								
hu	Hungary	3,03	b	2,69	b	3,61	b	3,85	b
lt	Lithuania								
lv	Latvia								
mt	Malta								
pl	Poland	0,21	b	0,32	b	0,25	b	0,27	b
si	Slovenia	3,25	b	4,92	b	4,68	b	5,64	b
sk	Slovakia	0,41	b	0,52	b	0,57	b	0,54	b
eu15	European Union 15	37,47	b	36,77	b	36,72	b	36,99	b
eu25	European Union 25	32,52	b	31,91	b	32,13	b	32,41	b
us	United States	54,03	b	55,58	b	55,09	b	54,15	b
jp	Japan	107,29	b	109,24	b	112,97	b	120,12	b

*Data notes:*

Calculated with: Number of triadic patent families (priority year) / Population (thousands)

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(b) secretariat estimate or projection based on national sources

### 4.3 A3c Bibliometrics

Table 56: A3c1 Scientific publications per million inhabitants

		2001	2002	2003	2004
at	Austria	562,72	544,93	604,10	
be	Belgium	581,73	574,19	636,46	
de	Germany	529,73	507,50	536,81	
dk	Denmark	930,81	881,71	981,53	
es	Spain	382,36	384,08	400,58	
fi	Finland	982,65	937,01	997,89	
fr	France	513,02	487,22	517,33	
gr	Greece	304,02	306,98	342,00	
ie	Ireland	430,63	419,66	439,97	
it	Italy	391,59	390,40	428,72	
lu	Luxembourg	104,18	73,96	102,23	
nl	Netherlands	785,36	775,10	830,49	
pt	Portugal	208,10	209,58	251,41	
se	Sweden	1159,40	1101,29	1142,75	
uk	United Kingdom	806,31	763,03	810,63	
cy	Cyprus	105,48	119,66	127,29	
cz	Czech Republic	256,14	272,22	289,01	
ee	Estonia	248,52	245,10	271,88	
hu	Hungary	243,34	227,20	247,10	
lt	Lithuania	78,13	97,43	93,22	
lv	Latvia	66,67	73,12	65,80	
mt	Malta				
pl	Poland	148,66	157,54	177,20	
si	Slovenia	439,75	429,17	485,54	
sk	Slovakia	177,55	174,01	175,29	
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: S&E articles, by region and country/economy, 1988-2003 to average population by sex and five-year age groups

Source: National Science Board (2006): Science and Engineering Indicators 2006. Arlington, VA: National Science Foundation, Volume 2, NSB 06-01A / Eurostat, Unit F1 - Demographic and migration statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: 2006

Table 57: A3c2 Average citations per publication

		2001	2002	2003	2004
at	Austria			5,70	
be	Belgium			5,90	
de	Germany			6,90	
dk	Denmark			7,18	
es	Spain			4,89	
fi	Finland			6,63	
fr	France			6,32	
gr	Greece			3,18	
ie	Ireland			5,39	
it	Italy			5,29	
lu	Luxembourg				
nl	Netherlands			7,37	
pt	Portugal			3,25	
se	Sweden			6,98	
uk	United Kingdom			7,28	
cy	Cyprus			2,40	
cz	Czech Republic			3,26	
ee	Estonia			3,58	
hu	Hungary			3,88	
lt	Lithuania			2,71	
lv	Latvia			2,84	
mt	Malta				
pl	Poland			2,76	
si	Slovenia			3,04	
sk	Slovakia			3,08	
eu25	European Union 25				
eu15	European Union 15				
us	United States			8,71	
jp	Japan			5,31	

*Data notes:*

Calculated with: Citation of S&E articles, by region and country/economy to S&E articles, by region and country/economy, 1988-2003

Source: National Science Board (2006): Science and Engineering Indicators 2006. Arlington, VA: National Science Foundation, Volume 2, NSB 06-01A

Date of extraction: 2006

#### 4.4 A3d Knowledge flows

Table 58: A3d1 Share of all firms reporting public research with universities as a high value information source

		2001	2002	2003	2004
at	Austria				
be	Belgium				3,77
de	Germany				3,40
dk	Denmark				3,27
es	Spain				3,17
fi	Finland				4,90
fr	France				2,33
gr	Greece				4,38
ie	Ireland				2,67
it	Italy				1,98
lu	Luxembourg				5,42
nl	Netherlands				2,56
pt	Portugal				19,45
se	Sweden				
uk	United Kingdom				
cy	Cyprus				2,75
cz	Czech Republic				3,01
ee	Estonia				3,27
hu	Hungary				4,72
lt	Lithuania				1,12
lv	Latvia				
mt	Malta				2,78
pl	Poland				3,47
si	Slovenia				: c
sk	Slovakia				18,00
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Highly important source of information for innovation during 2002-2004 - universities or other higher education institutes (share of enterprises with innovation activities)

Source: Eurostat, Unit B5 - Methodology and Research. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Fri, 1 Jun 07 03:39:42, last update: Tue Feb 13 22:40:12 MET 2007

*Legend:*

(:) not available; (c) confidential

Table 59: A3d2 Share of all firms reporting public research with institutes as a high value information source

		2001	2002	2003	2004
at	Austria				
be	Belgium				2,32
de	Germany				1,41
dk	Denmark				0,48
es	Spain				4,41
fi	Finland				2,37
fr	France				2,00
gr	Greece				2,29
ie	Ireland				2,76
it	Italy				1,02
lu	Luxembourg				4,43
nl	Netherlands				2,00
pt	Portugal				18,57
se	Sweden				
uk	United Kingdom				
cy	Cyprus				2,79
cz	Czech Republic				1,39
ee	Estonia				2,11
hu	Hungary				1,19
lt	Lithuania				2,06
lv	Latvia				
mt	Malta				-
pl	Poland				4,16
si	Slovenia				: c
sk	Slovakia				12,89
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Highly important source of information for innovation during 2002-2004 - government or public research institutes (share of enterprises with innovation activities)

Source: Eurostat, Unit B5 - Methodology and Research. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Fri, 1 Jun 07 03:39:42, last update: Tue Feb 13 22:40:12 MET 2007

*Legend:*

(:) not available; (-) not applicable or real zero or zero by default; (c) confidential

Table 60: A3d3 Share of all firms reporting public research with universities as a cooperation partner

		2001	2002	2003	2004
at	Austria				10,01
be	Belgium				13,23
de	Germany				8,50
dk	Denmark				13,69
es	Spain				4,67
fi	Finland				33,15
fr	France				10,09
gr	Greece				6,39
ie	Ireland				10,12
it	Italy				4,70
lu	Luxembourg				9,99
nl	Netherlands				12,36
pt	Portugal				7,51
se	Sweden				17,38
uk	United Kingdom				10,01
cy	Cyprus				2,16
cz	Czech Republic				13,07
ee	Estonia				8,55
hu	Hungary				13,71
lt	Lithuania				12,03
lv	Latvia				13,81
mt	Malta				4,17
pl	Poland				6,15
si	Slovenia				19,45
sk	Slovakia				14,78
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Innovation co-operation during 2002-2004 - Universities or other higher education institutions (share of enterprises with innovation activities)

Source: Eurostat, Unit B5 - Methodology and Research. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Fri, 1 Jun 07 03:43:00, last update: Tue Mar 13 16:53:33 MET 2007



Table 61: A3d4 Share of all firms reporting public research with institutes as a cooperation partner

		2001	2002	2003	2004
at	Austria				5,23
be	Belgium				9,23
de	Germany				4,13
dk	Denmark				6,89
es	Spain				5,16
fi	Finland				26,35
fr	France				7,27
gr	Greece				2,49
ie	Ireland				5,74
it	Italy				1,47
lu	Luxembourg				8,15
nl	Netherlands				9,37
pt	Portugal				4,82
se	Sweden				7,57
uk	United Kingdom				6,35
cy	Cyprus				1,66
cz	Czech Republic				7,36
ee	Estonia				6,06
hu	Hungary				4,97
lt	Lithuania				9,60
lv	Latvia				12,15
mt	Malta				4,17
pl	Poland				8,73
si	Slovenia				13,16
sk	Slovakia				11,41
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Innovation co-operation during 2002-2004 - government or public research institutes (share of enterprises with innovation activities)

Source: Eurostat, Unit B5 - Methodology and Research. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Fri, 1 Jun 07 03:43:00, last update: Tue Mar 13 16:53:33 MET 2007

Table 62: A3d5 Share of small and medium enterprises (SMEs) collaborating on innovation

		2001	2002	2003	2004
at	Austria				17,36
be	Belgium				35,72
de	Germany				15,96
dk	Denmark				42,77
es	Spain				18,22
fi	Finland				44,39
fr	France				39,54
gr	Greece				24,02
ie	Ireland				32,28
it	Italy				12,95
lu	Luxembourg				30,45
nl	Netherlands				39,42
pt	Portugal				19,39
se	Sweden				42,79
uk	United Kingdom				30,60
cy	Cyprus				36,95
cz	Czech Republic				38,35
ee	Estonia				34,81
hu	Hungary				36,77
lt	Lithuania				56,11
lv	Latvia				38,83
mt	Malta				31,94
pl	Poland				42,16
si	Slovenia				47,25
sk	Slovakia				37,68
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Innovation co-operation during 2002-2004 - all types of co-operation (share of enterprises with innovation activities)

Source: Eurostat, Unit B5 - Methodology and Research. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Fri, 1 Jun 07 03:45:21, last update: Tue Mar 13 16:53:33 MET 2007

## 4.5 A3e Total investment in intangibles

Table 63: A3e1 High tech exports to total exports

		2001	2002	2003	2004
at	Austria	15,00	16,00	15,00	15,00
be	Belgium	9,00	8,00	7,00	7,00
de	Germany	16,00	15,00	15,00	15,00
dk	Denmark	14,00	15,00	13,00	13,00
es	Spain	6,00	6,00	6,00	6,00
fi	Finland	21,00	21,00	21,00	18,00
fr	France	26,00	22,00	21,00	20,00
gr	Greece	6,00	7,00	8,00	7,00
ie	Ireland	41,00	35,00	30,00	29,00
it	Italy	9,00	8,00	7,00	7,00
lu	Luxembourg	28,00	25,00	30,00	30,00
nl	Netherlands	22,00	19,00	19,00	19,00
pt	Portugal	7,00	6,00	8,00	8,00
se	Sweden	14,00	14,00	13,00	14,00
uk	United Kingdom	30,00	29,00	24,00	23,00
cy	Cyprus	4,00	4,00	4,00	16,00
cz	Czech Republic	9,00	12,00	12,00	14,00
ee	Estonia	17,00	10,00	9,00	10,00
hu	Hungary	20,00	21,00	22,00	22,00
lt	Lithuania	3,00	2,00	3,00	3,00
lv	Latvia	2,00	2,00	3,00	3,00
mt	Malta	58,00	57,00	56,00	56,00
pl	Poland	3,00	3,00	3,00	3,00
si	Slovenia	5,00	5,00	6,00	5,00
sk	Slovakia	3,00	3,00	3,00	5,00
eu15	European Union 15	20,40	18,20	17,70	17,70
eu25	European Union 25	21,00	19,00	18,00	18,00
us	United States	27,00	26,00	25,00	27,00
jp	Japan	25,00	23,00	23,00	22,00

*Data notes:*

High-tech exports - exports of high technology products as a share of total exports

Source: Eurostat, Unit B5 - Methodology and Research. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Fri, 1 Jun 07 03:47:49, last update: Mon Oct 30 14:53:45 MET 2006

## 5 A4 Innovation, entrepreneurship and creative destruction

### 5.1 A4a Entrepreneurship

Table 64: A4a1 Enterprise churn

		2001	2002	2003	2004
at	Austria				
be	Belgium	:	:	:	:
de	Germany				
dk	Denmark	:	:	:	:
es	Spain	15,95	15,68	15,96	15,87 e
fi	Finland	13,74	14,13	14,87 p	:
fr	France				
gr	Greece				
ie	Ireland				
it	Italy	14,23	14,51	14,62 p	:
lu	Luxembourg	22,18	21,54	19,43	:
nl	Netherlands	17,55	18,20	17,36 p	:
pt	Portugal	12,02 p	10,23 p	:	:
se	Sweden	12,14	11,26	11,22	11,78 p
uk	United Kingdom	22,45	22,18	24,40 p	25,80 p
cy	Cyprus	:	:	:	:
cz	Czech Republic	21,76 p	18,91	22,61 p	:
ee	Estonia	24,80	19,30	26,44	28,82 p
hu	Hungary	23,13 p	23,84 p	21,03 p	:
lt	Lithuania	18,72	19,15	:	
lv	Latvia	19,45	32,02	19,57	18,37
mt	Malta				
pl	Poland				
si	Slovenia	12,85	14,95	:	:
sk	Slovakia	25,83	25,34	20,59 p	17,96 e
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Birth rate: number of enterprise births in the reference period (t) divided by the number of enterprises active in t minus death rate: number of enterprise deaths in the reference period (t) divided by the number of enterprises active in t

Source: Eurostat, Unit C2 - National Accounts - Production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Mon, 4 Jun 07 01:19:37, last update: Thu May 31 10:31:34 MEST 2007

*Legend:*

(:) not available; (e) estimated value; (p) provisional value

Table 65: A4a2 Firm entries

		2001	2002	2003	2004
at	Austria				
be	Belgium	:	:	:	:
de	Germany				
dk	Denmark	9,27	:	:	:
es	Spain	9,08	9,30	9,78	9,70
fi	Finland	7,15	7,31	7,73	8,27
fr	France				
gr	Greece				
ie	Ireland				
it	Italy	7,69	7,36	7,19	7,72
lu	Luxembourg	12,70	11,73	10,61	10,39
nl	Netherlands	9,61	9,91	8,45	8,73
pt	Portugal	7,46	5,96	6,38	p :
se	Sweden	6,58	6,09	6,07	6,49
uk	United Kingdom	11,87	11,69	13,24	14,30
cy	Cyprus	:	:	:	5,92
cz	Czech Republic	12,45	p 10,03	10,13	10,00
ee	Estonia	12,97	11,49	15,51	16,31
hu	Hungary	12,72	14,54	10,30	10,08
lt	Lithuania	11,48	10,30	9,20	:
lv	Latvia	10,20	21,76	10,20	10,59
mt	Malta				
pl	Poland				
si	Slovenia	6,50	7,14	6,59	:
sk	Slovakia	14,93	14,97	8,83	10,55
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Birth rate: number of enterprise births in the reference period (t) divided by the number of enterprises active in t

Source: Eurostat, Unit C2 - National Accounts - Production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Mon, 4 Jun 07 01:19:37, last update: Thu May 31 10:31:34 MEST 2007

*Legend:*

(:) not available; (p) provisional value

Table 66: A4a3 Firm exits

		2001	2002	2003	2004	
at	Austria					
be	Belgium	:	:	:	:	
de	Germany					
dk	Denmark	:	:	:	:	
es	Spain	6,87	6,37	6,18	6,18	e
fi	Finland	6,59	6,82	7,13	p	:
fr	France					
gr	Greece					
ie	Ireland					
it	Italy	6,54	7,15	7,43	p	:
lu	Luxembourg	9,48	9,81	8,82		:
nl	Netherlands	7,94	8,28	8,91	p	:
pt	Portugal	4,56	4,26	p	:	:
se	Sweden	5,56	5,18	5,14		5,29 p
uk	United Kingdom	10,58	10,48	11,16	p	11,50 p
cy	Cyprus	:	:	:		:
cz	Czech Republic	9,31	8,88	12,48	p	:
ee	Estonia	11,84	7,81	10,93		12,51 p
hu	Hungary	10,41	p	9,30	p	10,73 p
lt	Lithuania	7,24	8,85	:		:
lv	Latvia	9,25	10,26	9,37		7,79 p
mt	Malta					
pl	Poland					
si	Slovenia	6,35	7,81	:		:
sk	Slovakia	10,90	10,37	11,75	p	7,41 e
eu15	European Union 15					
eu25	European Union 25					
us	United States					
jp	Japan					

*Data notes:*

Death rate: number of enterprise deaths in the reference period (t) divided by the number of enterprises active in t

Source: Eurostat, Unit C2 - National Accounts - Production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Mon, 4 Jun 07 01:19:37, last update: Thu May 31 10:31:34 MEST 2007

*Legend:*

(:) not available; (e) estimated value; (p) provisional value

## 5.2 A4b Demand for innovative products

Table 67: A4b1 Youth share of population (percentage of population between 15 and 29 inclusive)

		2001	2002	2003	2004
at	Austria	18,72	18,52	18,43	18,46
be	Belgium	18,72	18,52	18,40	18,35
de	Germany	17,25	17,15	17,20	17,36
dk	Denmark	18,51	18,18	17,84	17,61
es	Spain	22,71	22,27	21,85	21,35
fi	Finland	18,63	18,61	18,63	18,75
fr	France	19,98	19,75	19,53	19,36
gr	Greece	22,06	21,60	21,04	20,61
ie	Ireland	24,44	24,37	24,22	24,01
it	Italy	19,11	18,56	17,97	17,58
lu	Luxembourg	18,64	18,37	18,14	18,04
nl	Netherlands	18,84	18,53	18,30	18,14
pt	Portugal	22,15	21,79	21,37	20,96
se	Sweden	18,21	18,13	18,10	18,15
uk	United Kingdom	18,96	18,86	18,84	19,04
cy	Cyprus	22,66	22,59	22,73	22,97
cz	Czech Republic	23,40	23,23	22,99	22,64
ee	Estonia	21,52	21,70	21,97	22,29
hu	Hungary	22,21	22,17	22,03	21,89
lt	Lithuania	21,28	21,48	21,68	21,87
lv	Latvia	21,36	21,64	21,96	22,27
mt	Malta	22,05	22,07	22,11	22,10
pl	Poland	24,16	24,41	24,51	24,55
si	Slovenia	21,85	21,69	21,51	21,36
sk	Slovakia	25,03	25,27	25,26	25,15
eu15	European Union 15				
eu25	European Union 25	20,04	19,85	19,67	19,58
us	United States	:	:	:	:
jp	Japan	:	:	:	:

*Data notes:*

Calculated with: Population by sex and age on 1. January of each year (15-29) to population by sex and age on 1. January of each year (total)

Source: Eurostat, Unit F1 - Demographic and migration statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Mon, 4 Jun 07 02:34:42, last update: Fri Jun 01 22:30:02 MEST 2007

*Legend:*

(:) not available

Table 68: A4b2 Percent over 65 that use the internet regularly

		2001	2002	2003	2004
at	Austria			4,00	7,00
be	Belgium			:	:
de	Germany			:	u 13,00
dk	Denmark			24,00	26,00
es	Spain			4,00	2,00
fi	Finland			8,00	9,00
fr	France			:	:
gr	Greece			1,00	1,00
ie	Ireland			3,00	4,00
it	Italy			3,00	3,00
lu	Luxembourg			5,00	14,00
nl	Netherlands			:	:
pt	Portugal			:	u :
se	Sweden			20,00	41,00
uk	United Kingdom			13,00	16,00
cy	Cyprus			:	4,00
cz	Czech Republic			1,00	1,00
ee	Estonia			:	7,00
hu	Hungary			:	: u
lt	Lithuania			:	2,00
lv	Latvia			:	1,00
mt	Malta			:	:
pl	Poland			:	1,00
si	Slovenia			:	: u
sk	Slovakia			:	4,00
eu15	European Union 15			8,00	9,00
eu25	European Union 25			:	8,00
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Percentage of individuals regularly using the Internet (65-74 and 74\_Max)  
Source: Eurostat, Unit F6 - Information society and tourism statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Mon, 4 Jun 07 03:38:38, last update: Mon May 14 16:49:43 MEST 2007

*Legend:*

(:) not available; (u) unreliable



Table 69: A4b3 Cross fixed capital formation (GFCF) as a percentage of gross domestic product (GDP)

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
at	Austria	22,10	20,40	21,30	20,90
be	Belgium	20,40	19,20	18,80	19,40
de	Germany	20,00	18,30	17,80	17,40
dk	Denmark	19,80	19,60	19,30	19,40
es	Spain	26,00	26,30	27,20	28,10
fi	Finland	19,50	17,90	18,10	18,20
fr	France	19,50	18,80	18,80	19,30
gr	Greece	23,50	23,50	25,30	25,20
ie	Ireland	23,20	22,30	23,00	24,60
it	Italy	20,30	20,90	20,40	20,50
lu	Luxembourg	22,60	22,30	21,50	20,60
nl	Netherlands	21,10	20,00	19,50	19,10
pt	Portugal	26,50	25,00	22,90	22,70
se	Sweden	17,30	16,50	16,00	16,30
uk	United Kingdom	16,60	16,50	16,10	16,50
cy	Cyprus	16,70	18,10	17,60	18,80
cz	Czech Republic	28,00	27,50	26,70	26,20
ee	Estonia	26,70	29,80	29,30	31,50
hu	Hungary	23,00	23,00	22,10	22,40
lt	Lithuania	20,10	20,30	21,20	22,30
lv	Latvia	24,90	23,80	24,40	27,50
mt	Malta	19,30	15,60	19,40	19,30
pl	Poland	20,70	18,70	18,30	18,10
si	Slovenia	24,10	22,60	23,30	24,50
sk	Slovakia	28,50	27,30	25,00	24,10
eu15	European Union 15	20,00	19,40	19,30	19,50
eu25	European Union 25	20,20	19,50	19,40	19,60
us	United States	19,50	18,30	18,30	18,80
jp	Japan	24,70	23,30	22,80	22,70

*Data notes:*

GDP and main components - current prices: gross fixed capital formation as percentage of GDP

Source: Eurostat, Unit C2 - National Accounts - Production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Mon, 4 Jun 07 03:44:59, last update: Sat Jun 02 07:03:39 MEST 2007

Table 70: A4b4 Percent of innovative and non-innovative firms that give a high importance to lack of demand as a barrier to innovation

		2001	2002	2003	2004
at	Austria				22,36
be	Belgium				21,95
de	Germany				12,88
dk	Denmark				20,11
es	Spain				38,41
fi	Finland				18,92
fr	France				30,34
gr	Greece				38,36
ie	Ireland				23,16
it	Italy				31,74
lu	Luxembourg				20,03
nl	Netherlands				18,63
pt	Portugal				35,41
se	Sweden				22,23
uk	United Kingdom				12,79
cy	Cyprus				20,53
cz	Czech Republic				23,10
ee	Estonia				18,73
hu	Hungary				32,98
lt	Lithuania				21,82
lv	Latvia				62,02
mt	Malta				24,66
pl	Poland				29,02
si	Slovenia				19,62
sk	Slovakia				25,09
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Hampered innovation activities: uncertain demand for innovative goods or services, high important factor of hampering innovation activities (percentage of total enterprises)

Source: Eurostat, Unit B5 - Methodology and Research. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Mon, 4 Jun 07 04:03:13, last update: Mon Mar 12 17:46:36 MET 2007

Table 71: A4b5 Per capita gross domestic product (GDP)

		2001	2002	2003	2004
at	Austria	25400	25800	26900	28000
be	Belgium	24400	25300	25900	27100
de	Germany	22900	23400	24500	25200
dk	Denmark	26000	26100	26000	27100
es	Spain	19400	20500	21100	21900
fi	Finland	24100	24700	23700	25200
fr	France	23700	24100	23400	24400
gr	Greece	15300	16600	17500	18500
ie	Ireland	26800	28500	29300	30800
it	Italy	23300	23700	23100	23400
lu	Luxembourg	44700	47500	51500	54700
nl	Netherlands	26500	27000	27000	28300
pt	Portugal	16600	17100	16000	b 16400
se	Sweden	24000	24500	25100	26200
uk	United Kingdom	23600	25000	25300	26800
cy	Cyprus	17600	17800	18600	19900
cz	Czech Republic	13700	14600	15400	16400
ee	Estonia	9100	10100	11100	12100
hu	Hungary	11900	12700	13200	13900
lt	Lithuania	8400	9000	10200	11100
lv	Latvia	7700	8300	9000	9900
mt	Malta	15400	16100	16200	16400
pl	Poland	9600	10000	10200	11000
si	Slovenia	15400	16000	16800	18200
sk	Slovakia	10100	11000	11500	12400
eu15	European Union 15	22800	23500	23700	24700
eu25	European Union 25	20800	21500	21800	22700
us	United States	30900	31300	31900	33600
jp	Japan	22800	23100	23500	24700

*Data notes:*

GDP and main components - current prices: gross domestic product at market prices, PPS per inhabitant

Source: Eurostat, Unit C2 - National Accounts - Production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Mon, 4 Jun 07 03:44:59, last update: Sat Jun 02 07:03:39 MEST 2007

*Legend:*

(b) break in series

Table 72: A4b6 Government procurement of advanced technology products

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
at	Austria	2,33	2,50	2,65	3,28
be	Belgium	2,73	2,34	2,60	2,53
de	Germany	0,94	1,26	1,81	1,18
dk	Denmark	2,88	2,71	2,35	2,74
es	Spain	2,85	2,91	3,41	2,98
fi	Finland	2,30	2,22	2,52	2,89
fr	France	2,71	3,12	3,71	2,76
gr	Greece	4,51	5,68	4,89	4,10
ie	Ireland	2,51	2,38	2,33	3,36
it	Italy	1,89	2,19	2,67	2,35
lu	Luxembourg	1,48	1,91	2,09	3,15
nl	Netherlands	2,47	1,82	1,71	1,75
pt	Portugal	2,34	2,46	2,32	2,49
se	Sweden	4,63	3,89	3,66	3,41
uk	United Kingdom	3,82	3,87	7,37	4,66
cy	Cyprus	:	:	:	:
cz	Czech Republic	:	:	:	:
ee	Estonia	:	:	:	:
hu	Hungary	:	:	:	:
lt	Lithuania	:	:	:	:
lv	Latvia	:	:	:	:
mt	Malta	:	:	:	:
pl	Poland	:	:	:	:
si	Slovenia	:	:	:	:
sk	Slovakia	:	:	:	:
eu15	European Union 15	2,44	2,61	3,50	2,71
eu25	European Union 25	:	:	:	:
us	United States	:	:	:	:
jp	Japan	:	:	:	:

*Data notes:*

Public procurement advertised in the Official Journal as a percentage of GDP

Source: Eurostat, Unit C3 - Public finance. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Mon, 4 Jun 07 05:31:05, last update: Thu Mar 29 14:26:41 MEST 2007

*Legend:*

(:) not available

Table 73: A4b7 Firm level technology absorption

		2001	2002	2003	2004
at	Austria				5,40
be	Belgium				5,10
de	Germany				5,80
dk	Denmark				5,80
es	Spain				4,60
fi	Finland				5,90
fr	France				5,10
gr	Greece				4,30
ie	Ireland				5,30
it	Italy				3,90
lu	Luxembourg				5,30
nl	Netherlands				5,00
pt	Portugal				4,30
se	Sweden				6,30
uk	United Kingdom				5,30
cy	Cyprus				4,40
cz	Czech Republic				4,90
ee	Estonia				5,30
hu	Hungary				5,10
lt	Lithuania				5,10
lv	Latvia				4,60
mt	Malta				4,60
pl	Poland				3,80
si	Slovenia				4,60
sk	Slovakia				5,40
eu15	European Union 15				
eu25	European Union 25				
us	United States				6,30
jp	Japan				6,30

*Data notes:*

Firm level tech absorption (score of 1 to 7, with 7 denoting best performance)

Source: World Economic Forum: The Global Competitiveness Report 2004-2005

Date of extraction:

*Legend:*

Companies in your country are (1 = not interested in absorbing new technology, 7 = aggressive in absorbing new technology)

### 5.3 A4c Financing of innovation

Table 74: A4c1 Early-stage venture capital as a percent of gross domestic product (GDP)

		2001	2002	2003	2004
at	Austria	1,90	1,30	1,30	0,70
be	Belgium	3,80	4,10	1,40	1,60
de	Germany	5,50	2,60	1,40	1,60
dk	Denmark	8,50	7,50	4,90	8,40
es	Spain	1,60	1,50	0,70	0,80
fi	Finland	10,30	7,00	5,90	2,70
fr	France	3,80	2,60	2,50	2,50
gr	Greece	2,40	0,90	0,70	0,20
ie	Ireland	3,20	2,10	2,40	1,90
it	Italy	2,30	0,50	0,40	0,20
lu	Luxembourg	:	:	:	:
nl	Netherlands	4,10	4,30	0,80	0,80
pt	Portugal	1,20	0,80	4,10	2,50
se	Sweden	9,60	9,60	6,40	8,20
uk	United Kingdom	5,70	3,60	3,90	4,80
cy	Cyprus	:	:	:	:
cz	Czech Republic	1,00	0,10	0,10	0,00
ee	Estonia	:	:	:	:
hu	Hungary	2,70	0,30	0,00	0,00
lt	Lithuania	:	:	:	:
lv	Latvia	0,00	:	:	:
mt	Malta	:	:	:	:
pl	Poland	1,20	0,50	0,10	0,00
si	Slovenia	:	:	:	:
sk	Slovakia	1,20	0,30	0,00	0,60
eu15	European Union 15	4,40 s	2,80 s	2,10 s	2,30
eu25	European Union 25	:	:	:	:
us	United States	9,30	4,00	3,50	3,70
jp	Japan	:	:	:	:

*Data notes:*

Venture capital investments - early stage - percentage of GDP

Source: Eurostat, Unit C3 - Public finance. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available; (s) Eurostat estimate

## 5.4 A4d Market innovation outputs

Table 75: A4d1 Share of firms introducing new-to-market products

		2001	2002	2003	2004
at	Austria				48,42
be	Belgium				40,66
de	Germany				13,76
dk	Denmark				47,68
es	Spain				20,89
fi	Finland				49,61
fr	France				38,61
gr	Greece				44,38
ie	Ireland				44,51
it	Italy				31,12
lu	Luxembourg				51,61
nl	Netherlands				48,33
pt	Portugal				30,14
se	Sweden				52,37
uk	United Kingdom				47,78
cy	Cyprus				14,64
cz	Czech Republic				41,49
ee	Estonia				41,92
hu	Hungary				36,30
lt	Lithuania				34,54
lv	Latvia				34,54
mt	Malta				25,00
pl	Poland				46,38
si	Slovenia				46,56
sk	Slovakia				41,60
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Product and process innovation: enterprises that have new or significantly improved products new to the market [enterprises with innovation activities] to product and process innovation: total number of enterprises in the population in 2004 [with innovation activities]

Source: Eurostat, Unit B5 -Methodology and Research. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Mon, 4 Jun 07 04:38:40, last update: Tue Feb 13 17:45:50 MET 2007

Table 76: A4d2 Share of total sales from new-to-market products

		2001	2002	2003	2004
at	Austria				6,96
be	Belgium				6,56
de	Germany				8,45
dk	Denmark				7,63
es	Spain				6,03
fi	Finland				12,55
fr	France				9,01 u
gr	Greece				9,55
ie	Ireland				8,12
it	Italy				9,68
lu	Luxembourg				8,81
nl	Netherlands				6,34
pt	Portugal				6,51
se	Sweden				11,13
uk	United Kingdom				8,67
cy	Cyprus				2,63
cz	Czech Republic				12,38
ee	Estonia				6,69
hu	Hungary				8,38
lt	Lithuania				7,04
lv	Latvia				8,39
mt	Malta				22,03
pl	Poland				13,18
si	Slovenia				13,00
sk	Slovakia				21,13
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Product and process innovation: turnover of new or significantly improved products, and new to the market as a share of total turnover [enterprises with innovation activities] to basic economic information on the enterprises: total turnover in 2004 [with innovation activities]

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Date of extraction: Mon, 4 Jun 07 04:38:40, last update: Tue Feb 13 17:45:50 MET 2007

*Legend:*

(u) unreliable or uncertain data



Table 77: A4d3 Share of firms introducing new-to-firm products

		2001	2002	2003	2004
at	Austria				50,24
be	Belgium				46,91
de	Germany				20,24
dk	Denmark				48,21
es	Spain				46,38
fi	Finland				53,78
fr	France				41,96 u
gr	Greece				58,10
ie	Ireland				56,61
it	Italy				36,09
lu	Luxembourg				56,38
nl	Netherlands				50,13
pt	Portugal				41,53
se	Sweden				52,76
uk	United Kingdom				63,92
cy	Cyprus				33,61
cz	Czech Republic				48,27
ee	Estonia				62,96
hu	Hungary				31,68
lt	Lithuania				47,76
lv	Latvia				:
mt	Malta				53,47
pl	Poland				35,41
si	Slovenia				59,23
sk	Slovakia				47,55
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Product and process innovation: enterprises that have new or significantly improved products only new to the firm [enterprises with innovation activities] to product and process innovation: total number of enterprises in the population in 2004 [with innovation activities]

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Date of extraction: Mon, 4 Jun 07 04:38:40, last update: Tue Feb 13 17:45:50 MET 2007

*Legend:*

(u) unreliable or uncertain data

Table 78: A4d4 Share of total sales from new-to-firm products

		2001	2002	2003	2004
at	Austria				7,15
be	Belgium				11,24
de	Germany				11,23
dk	Denmark				8,47
es	Spain				15,67
fi	Finland				6,65
fr	France				8,14 u
gr	Greece				12,45
ie	Ireland				6,48
it	Italy				8,65
lu	Luxembourg				12,50
nl	Netherlands				6,86
pt	Portugal				8,33
se	Sweden				6,85
uk	United Kingdom				10,30
cy	Cyprus				5,07
cz	Czech Republic				12,67
ee	Estonia				11,60
hu	Hungary				5,03
lt	Lithuania				8,57
lv	Latvia				3,72
mt	Malta				14,09
pl	Poland				8,78
si	Slovenia				12,18
sk	Slovakia				10,62
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Product and process innovation: turnover of new or significantly improved products only new to the firm [enterprises with innovation activities] to basic economic information on the enterprises: total turnover in 2004 [with innovation activities]

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Date of extraction: Mon, 4 Jun 07 04:38:40, last update: Tue Feb 13 17:45:50 MET 2007

*Legend:*

(u) unreliable or uncertain data

Table 79: A4d5 Community design registrations per million population

		2001	2002	2003	2004
at	Austria				1338,00
be	Belgium				1080,00
de	Germany				13376,00
dk	Denmark				1246,00
es	Spain				3226,00
fi	Finland				529,00
fr	France				4552,00
gr	Greece				12,00
ie	Ireland				312,00
it	Italy				8274,00
lu	Luxembourg				65,00
nl	Netherlands				2204,00
pt	Portugal				321,00
se	Sweden				903,00
uk	United Kingdom				4278,00
cy	Cyprus				2,00
cz	Czech Republic				109,00
ee	Estonia				17,00
hu	Hungary				94,00
lt	Lithuania				23,00
lv	Latvia				12,00
mt	Malta				
pl	Poland				253,00
si	Slovenia				33,00
sk	Slovakia				52,00
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Statistics of Community Designs 2006 - breakdown per country

Source: Office for Harmonization in the Internal Market: SSC007 - Statistics of Community Designs 2004.rep

Date of extraction: 1.8.2006, last updated on: 05/02/2006

## 5.5 A4e Organizational indicators

Table 80: A4e1 Percentage of small and medium enterprises (SMEs) reporting non technological change

	2001	2002	2003	2004
at Austria				0,3148
be Belgium				0,2557
de Germany				0,3579
dk Denmark				0,3529
es Spain				0,1766
fi Finland				NA
fr France				0,1580
gr Greece				0,2136
ie Ireland				0,2960
it Italy				0,1643
lu Luxembourg				0,3447
nl Netherlands				0,1302
pt Portugal				0,2319
se Sweden				NA
uk United Kingdom				NA
cy Cyprus				0,2289
cz Czech Republic				0,1834
ee Estonia				0,2613
hu Hungary				0,0763
lt Lithuania				0,1153
lv Latvia				NA
mt Malta				0,1356
pl Poland				0,0929
si Slovenia				NA
sk Slovakia				0,0448
eu15 European Union (15 countries)				NA
eu25 European Union (25 countries)				NA
us United States				NA
jp Japan				NA

*Data notes:*

Calculated with: Organizational and marketing innovations: enterprise (SME) introduced organizational innovation [with innovation activities] to product and process innovation: total number of enterprises (SME) in the population in 2004 [with innovation activities]  
 Source: Eurostat, Unit B5 - Methodology and Research. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 11:38:22, last update: Tue Dec 05 18:11:24 MET 2006

*Legend:*

(:) not available

## 6 B1 Economic outputs

### 6.1 B1a Income

Table 81: B1a1 Gross domestic product per capita in purchasing power standards (PPS)

		2001	2002	2003	2004
at	Austria	122,00	120,00	123,40	123,40
be	Belgium	117,20	117,60	118,90	119,30
de	Germany	110,00	108,50	112,50	111,10
dk	Denmark	124,90	121,40	119,30	119,40
es	Spain	93,20	95,20	96,70	96,60
fi	Finland	115,50	114,70	108,60	111,10
fr	France	113,70	111,80	107,50	107,60
gr	Greece	73,20	77,20	80,20	81,40
ie	Ireland	128,50	132,30	134,40	135,60
it	Italy	111,90	110,00	106,00	103,10
lu	Luxembourg	214,60	220,70	236,70	240,70
nl	Netherlands	127,00	125,30	123,80	124,60
pt	Portugal	79,80	79,50	73,50	b 72,10
se	Sweden	115,20	113,70	115,40	115,40
uk	United Kingdom	113,10	116,10	116,10	118,00
cy	Cyprus	84,40	82,60	85,20	87,60
cz	Czech Republic	65,80	67,70	70,70	72,10
ee	Estonia	43,70	46,80	51,20	53,40
hu	Hungary	56,80	59,00	60,80	61,30
lt	Lithuania	40,10	41,90	47,10	49,00
lv	Latvia	37,10	38,70	41,20	43,70
mt	Malta	73,80	74,90	74,30	72,00
pl	Poland	46,10	46,30	46,90	48,60
si	Slovenia	73,90	74,50	77,40	79,90
sk	Slovakia	48,70	51,00	52,80	54,40
eu15	European Union 15	109,50	109,20	108,90	108,60
eu25	European Union 25	100,00	100,00	100,00	100,00
us	United States	148,40	145,40	146,30	147,90
jp	Japan	109,50	107,50	107,80	108,90

*Data notes:*

GDP per capita in PPS

Source: Eurostat, Unit C2 - National Accounts - Production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(b) break in series

Table 82: B1a2 Real gross domestic product (GDP) growth rate

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
at	Austria	0,80	0,90	1,10	2,40
be	Belgium	0,80	1,50	1,00	3,00
de	Germany	1,20	0,00	-0,20	1,20
dk	Denmark	0,70	0,50	0,40	2,10
es	Spain	3,60	2,70	3,00	3,20
fi	Finland	2,60	1,60	1,80	3,70
fr	France	1,90	1,00	1,10	2,50
gr	Greece	5,10	3,80	4,80	4,70
ie	Ireland	5,80	6,00	4,30	4,30
it	Italy	1,80	0,30	0,00	1,20
lu	Luxembourg	2,50	3,80	1,30	3,60
nl	Netherlands	1,90	0,10	0,30	2,00
pt	Portugal	2,00	0,80	-0,70	1,30
se	Sweden	1,10	2,00	1,70	4,10
uk	United Kingdom	2,40	2,10	2,70	3,30
cy	Cyprus	4,00	2,00	1,80	4,20
cz	Czech Republic	2,50	1,90	3,60	4,20
ee	Estonia	7,70	8,00	7,10	8,10
hu	Hungary	4,10	4,40	4,20	4,80
lt	Lithuania	6,60	6,90	10,30	7,30
lv	Latvia	8,00	6,50	7,20	8,70
mt	Malta	-1,10	1,90	-2,30	0,40
pl	Poland	1,10	1,40	3,80	5,30
si	Slovenia	2,70	3,50	2,70	4,40
sk	Slovakia	3,20	4,10	4,20	5,40
eu15	European Union 15	1,90	1,10	1,10	2,30
eu25	European Union 25	2,00	1,20	1,30	2,40
us	United States	0,80	1,60	2,50	3,90
jp	Japan	0,20	0,30	1,40	2,70

*Data notes:*

Real GDP growth rate

Source: Eurostat, Unit C2 - National Accounts - Production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

## 6.2 B1b Productivity

Table 83: B1b1 Labour productivity per hour worked

		2001		2002		2003		2004	
at	Austria	97,90		96,20		98,50		99,20	
be	Belgium	126,60	e	126,90	e	129,00	e	131,50	e
de	Germany	106,50		106,20		111,30		109,80	
dk	Denmark	103,70		101,10		100,70		101,20	
es	Spain	87,60		88,40		89,00		88,60	
fi	Finland	100,00		98,40		93,40		95,60	
fr	France	120,10		120,70		116,70		115,90	
gr	Greece	66,10		69,40		71,20		71,70	
ie	Ireland	113,90	e	117,60	e	120,10	e	120,40	e
it	Italy	99,80		96,80		92,50		91,00	
lu	Luxembourg	141,50	e	142,90	e	153,20	e	157,80	e
nl	Netherlands	116,60		115,70		115,20		118,70	
pt	Portugal	65,30	e	64,70	e	61,00	f	58,60	f
se	Sweden	99,20		98,90		102,00		102,00	
uk	United Kingdom	95,50	e	98,20	e	98,10	e	99,80	e
cy	Cyprus	65,90		64,40		65,70		67,40	
cz	Czech Republic	46,60		47,70		50,30		51,30	
ee	Estonia	35,30		36,80		39,40		41,10	
hu	Hungary	50,20		51,40		52,70		53,80	
lt	Lithuania	38,20		38,80		42,70		43,80	
lv	Latvia	31,50	e	32,10	e	33,00	e	35,50	e
mt	Malta	74,80	e	75,00	e	74,60	e	72,30	e
pl	Poland	42,40	e	43,50	e	44,30	e	45,60	e
si	Slovenia	62,00	e	62,10	e	64,20	e	67,90	e
sk	Slovakia	48,20		52,00		55,00		56,00	
eu15	European Union 15	100,00		100,00		100,00		100,00	
eu25	European Union 25	90,70		91,00		91,20		91,50	
us	United States	112,10		111,80		113,70		115,40	
jp	Japan	:		:		:		:	

*Data notes:*

Labour productivity per hour worked (GDP in PPS per hour worked (EU-15  $\bar{100}$ )

Source: Eurostat, Unit C2 - National accounts: production, Unit C5 - Validation of public accounts. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available; (e) estimated value; (f) forecast

Table 84: B1b2 Labour productivity per person employed

		2001	2002	2003	2004
at	Austria	:	:	:	:
be	Belgium	126,70	127,90	129,80	130,20
de	Germany	100,50	99,90	104,50	103,00
dk	Denmark	104,80	102,30	102,00	102,60
es	Spain	97,80	99,00	99,10	97,40
fi	Finland	112,20	110,60	104,80	107,20
fr	France	122,60	120,70	116,50	117,50
gr	Greece	92,10 e	97,20 e	99,80 e	98,40 e
ie	Ireland	123,80	127,50	128,90	128,60
it	Italy	119,00	115,40	110,20	108,10
lu	Luxembourg	148,50	150,00	159,10	159,70
nl	Netherlands	107,40	106,10	105,70	108,00
pt	Portugal	71,70	71,50	66,80 f	64,60 f
se	Sweden	102,90	101,70	103,90	105,10
uk	United Kingdom	105,30	107,60	107,00	108,40
cy	Cyprus	80,40	78,00	78,80	80,10
cz	Czech Republic	59,20	60,40	63,90	65,20
ee	Estonia	45,20	47,50	51,10	53,40
hu	Hungary	65,60	67,80	68,70	69,80
lt	Lithuania	45,30	45,50	49,70	51,60
lv	Latvia	39,50	40,30	41,90	43,80
mt	Malta	84,90	86,40	85,30	84,10
pl	Poland	54,10 e	56,10 e	57,30 e	58,80 e
si	Slovenia	71,40	71,10	74,10	76,30
sk	Slovakia	56,10	59,10	60,10	62,20
eu15	European Union 15	107,50	107,00	106,80	106,50
eu25	European Union 25	:	:	:	:
us	United States	132,70	131,80	132,60	134,20
jp	Japan	:	:	:	:

*Data notes:*

Labour productivity per person employed(GDP in PPS per hour worked (EU-25 100)  
Source: Eurostat, Unit C2 - National accounts: production, Unit C5 - Validation of public  
accounts. Copyright © Eurostat. All Rights Reserved.  
Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available; (e) estimated value; (f) forecast



Table 85: B1b3 Gross fixed capital formation - current prices - millions of Euro - seasonally adjusted as a percentage of gross domestic product (GDP)

		2001	2002	2003	2004
at	Austria	22,10	20,40	21,30	20,90
be	Belgium	20,40	19,20	18,80	19,40
de	Germany	20,00	18,30	17,80	17,40
dk	Denmark	19,80	19,60	19,30	19,40
es	Spain	26,00	26,30	27,20	28,10
fi	Finland	19,50	17,90	18,10	18,20
fr	France	19,50	18,80	18,80	19,30
gr	Greece	23,50	23,50	25,30	25,20
ie	Ireland	23,20	22,30	23,00	24,60
it	Italy	20,30	20,90	20,40	20,50
lu	Luxembourg	22,60	22,30	21,50	20,60
nl	Netherlands	21,10	20,00	19,50	19,10
pt	Portugal	26,50	25,00	22,90	22,70
se	Sweden	17,30	16,50	16,00	16,30
uk	United Kingdom	16,60	16,50	16,10	16,50
cy	Cyprus	16,70	18,10	17,60	18,80
cz	Czech Republic	28,00	27,50	26,70	26,20
ee	Estonia	26,70	29,80	29,30	31,50
hu	Hungary	23,00	23,00	22,10	22,40
lt	Lithuania	20,10	20,30	21,20	22,30
lv	Latvia	24,90	23,80	24,40	27,50
mt	Malta	19,30	15,60	19,40	19,30
pl	Poland	20,70	18,70	18,30	18,10
si	Slovenia	24,10	22,60	23,30	24,50
sk	Slovakia	28,50	27,30	25,00	24,10
eu15	European Union 15	20,00	19,40	19,30	19,50
eu25	European Union 25	20,20	19,50	19,40	19,60
us	United States	19,50	18,30	18,30	18,80
jp	Japan	24,70	23,30	22,80	22,70

*Data notes:*

GDP and main components - current prices: Gross fixed capital formation as a percentage of GDP

Source: Eurostat, Unit C2 - National Accounts - Production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 12:31:56, last update: Sat Jun 02 07:03:39 MEST 2007

### 6.3 B1c Employment

Table 86: B1c1 Total employment growth

		2001		2002		2003		2004	
at	Austria	0,60	i	-0,10	i	0,00	i	0,00	i
be	Belgium	1,40		-0,10		0,00		0,60	
de	Germany	0,40		-0,60		-0,90		0,40	
dk	Denmark	0,80		-0,10		-1,30		0,00	
es	Spain	3,20		2,40		3,10		3,50	
fi	Finland	1,50		1,00		0,10		0,40	
fr	France	1,80		0,60		0,10		0,00	
gr	Greece	0,30	e	0,20	e	1,50	e	3,40	e
ie	Ireland	3,00		1,80		2,00		3,10	
it	Italy	2,20		1,60		1,50		0,40	
lu	Luxembourg	5,60		2,90		1,80		2,30	
nl	Netherlands	2,60		0,50		-0,50		-0,90	
pt	Portugal	1,60		0,50		-0,40	f	0,10	f
se	Sweden	1,90		0,20		-0,30		-0,60	
uk	United Kingdom	0,80		0,80		1,00		1,00	
cy	Cyprus	2,20		2,10		3,80		3,80	
cz	Czech Republic	0,50		0,60		-1,30		0,10	
ee	Estonia	0,90		1,30		1,40		0,00	
hu	Hungary	0,30		0,00		1,30		-0,70	
lt	Lithuania	-3,80		3,60		2,20		0,00	
lv	Latvia	2,20		2,30		1,00		1,10	
mt	Malta	1,80		0,60		1,00		-0,80	
pl	Poland	-2,20	e	-3,00	e	-1,20	e	1,30	e
si	Slovenia	0,50		1,50		-0,40		0,50	
sk	Slovakia	0,60		-0,50		1,80		-0,30	
eu15	European Union 15	1,40		0,70		0,50		0,70	
eu25	European Union 25	1,10		0,40		0,40		0,70	
us	United States	-0,70		-0,30		0,90		1,10	
jp	Japan	:		:		:		:	

*Data notes:*

Total employment growth

Source: Eurostat, Unit F2 - Labour market statistics Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available; (e) estimated value; (f) forecast; (i) see explanatory text

Table 87: B1c2 Total employment rate

		2001	2002	2003	2004	
at	Austria	68,50	68,70	68,90	67,80	b
be	Belgium	59,90	59,90	59,60	60,30	
de	Germany	65,80	65,40	65,00	65,00	
dk	Denmark	76,20	75,90	75,10	75,70	
es	Spain	57,80	58,50	59,80	61,10	
fi	Finland	68,10	68,10	67,70	67,60	
fr	France	62,80	63,00	63,30	63,10	
gr	Greece	56,30	57,50	58,70	59,40	
ie	Ireland	65,80	65,50	65,50	66,30	
it	Italy	54,80	55,50	56,10	57,60	b
lu	Luxembourg	63,10	63,40	62,20	62,50	
nl	Netherlands	74,10	74,40	73,60	73,10	
pt	Portugal	69,00	68,80	68,10	67,80	
se	Sweden	74,00	73,60	72,90	72,10	
uk	United Kingdom	71,40	71,30	71,50	71,60	
cy	Cyprus	67,80	68,60	69,20	68,90	
cz	Czech Republic	65,00	65,40	64,70	64,20	
ee	Estonia	61,00	62,00	62,90	63,00	
hu	Hungary	56,20	56,20	57,00	56,80	
lt	Lithuania	57,50	59,90	61,10	61,20	
lv	Latvia	58,60	60,40	61,80	62,30	
mt	Malta	54,30	54,40	54,20	54,00	
pl	Poland	53,40	51,50	51,20	51,70	
si	Slovenia	63,80	63,40	62,60	65,30	
sk	Slovakia	56,80	56,80	57,70	57,00	
eu15	European Union 15	64,00	64,20	64,30	64,70	
eu25	European Union 25	62,80	62,80	62,90	63,30	
us	United States	73,10	71,90	71,20	71,20	
jp	Japan	68,80	68,20	68,40	68,70	

*Data notes:*

Total employment rate - Employed persons aged 15-64 as a share of the total population of the same age group

Source: Eurostat, Unit D1 - Labour market Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(b) break in series

## 7 B2 Social performance

### 7.1 B2a Environmental

Table 88: B2a1 Green house gas emissions per capita

		2001	2002	2003	2004
at	Austria	107,80	110,00	117,20	115,70
be	Belgium	100,00	98,80	100,40	100,70
de	Germany	84,10	82,80	83,30	82,50
dk	Denmark	100,50	99,40	106,80	98,20
es	Spain	132,90	138,90	141,00	147,90
fi	Finland	106,00	109,00	120,50	114,50
fr	France	99,00	98,10	98,90	99,20
gr	Greece	120,00	119,80	123,60	123,90
ie	Ireland	126,50	123,70	122,60	122,70
it	Italy	108,00	108,10	111,10	112,10
lu	Luxembourg	78,50	86,40	90,10	100,30
nl	Netherlands	100,90	100,30	100,50	101,60
pt	Portugal	139,60	147,10	139,60	141,00
se	Sweden	95,30	96,70	97,90	96,40
uk	United Kingdom	87,40	84,90	85,70	85,90
cy	Cyprus	140,70	145,10	152,80	148,20
cz	Czech Republic	76,20	73,40	75,20	74,90
ee	Estonia	45,20	45,40	49,70	50,00
hu	Hungary	68,50	66,10	68,10	68,00
lt	Lithuania	40,00	38,50	33,80	39,90
lv	Latvia	41,20	40,90	41,30	41,50
mt	Malta	118,40	139,80	140,10	145,90
pl	Poland	67,70	65,50	67,70	68,40
si	Slovenia	97,70	98,60	97,30	99,20
sk	Slovakia	71,70	69,00	69,80	69,70
eu15	European Union 15	97,80	97,40	98,80	99,10
eu25	European Union 25	91,70	90,90	92,40	92,70
us	United States	112,80	113,20	113,90	115,80
jp	Japan	103,80	106,40	106,80	106,50

*Data notes:*

Total greenhouse gas emissions - index of greenhouse gas emissions (CO<sub>2</sub> equivalents, indexed on actual base year 100)

Source: Eurostat, Unit E3 - Environment statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

Table 89: B2a2 Energy intensity of the economy

		2001	2002	2003	2004
at	Austria	142,84	139,87	149,02	146,08
be	Belgium	228,05	213,62	217,39	208,20
de	Germany	162,49	158,74	160,95	158,80
dk	Denmark	126,55	123,75	126,12	120,32
es	Spain	225,39	226,25	219,67	222,54
fi	Finland	263,78	272,21	280,13	272,07
fr	France	188,34	186,05	188,49	185,48
gr	Greece	260,63	257,97	247,77	240,41
ie	Ireland	172,54	166,14	155,20	156,88
it	Italy	183,96	184,12	189,19	189,11
lu	Luxembourg	190,68	196,67	181,81	194,34
nl	Netherlands	200,66	201,09	202,19	203,20
pt	Portugal	243,86	254,68	234,70	239,56
se	Sweden	228,87	224,26	217,10	217,52
uk	United Kingdom	223,69	214,50	212,11	207,19
cy	Cyprus	274,37	269,92	287,92	261,83
cz	Czech Republic	883,88	875,79	891,18	851,83
ee	Estonia	1272,95	1153,18	1179,10	1140,16
hu	Hungary	588,64	579,58	566,61	534,05
lt	Lithuania	1256,78	1272,73	1194,84	1135,57
lv	Latvia	816,51	750,25	725,08	696,29
mt	Malta	266,59	263,88	284,16	292,35
pl	Poland	673,52	654,15	623,09	596,59
si	Slovenia	349,60	344,63	341,11	329,16
sk	Slovakia	1015,75	976,01	929,55	854,32
eu15	European Union 15	191,35	188,42	189,48	187,48
eu25	European Union 25	209,71	206,51	207,56	204,89
us	United States	338,00	323,41	314,44	308,59
jp	Japan	123,00	123,33	119,88	121,07

*Data notes:*

Energy intensity of the economy - gross inland consumption of energy (by GDP (constant prices, 1995=100) kgoe per 1000 Euro)

Source: Eurostat, Unit G4 - Energy statistics, Unit C2 - National accounts: production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

Table 90: B2a3 Amount of waste generated

		2001	2002	2003	2004
at	Austria	:	:	:	
be	Belgium	37094	36367	:	
de	Germany	395222	381262	:	
dk	Denmark	12768	13105	12835	
es	Spain	:	:	:	
fi	Finland	:	63005	:	
fr	France	:	:	:	
gr	Greece	:	:	:	
ie	Ireland	:	:	:	
it	Italy	118697	:	:	
lu	Luxembourg	:	:	:	
nl	Netherlands	:	:	:	
pt	Portugal	34007	20733	4701	
se	Sweden	:	77300	:	
uk	United Kingdom	:	:	:	
cy	Cyprus	:	:	:	
cz	Czech Republic	45453	28178	28362	
ee	Estonia	12839	14397	18397	
hu	Hungary	:	:	:	
lt	Lithuania	:	:	:	
lv	Latvia	1185	1219	1283	
mt	Malta	:	1514	2101	
pl	Poland	134919	128403	130476	
si	Slovenia	3978	4855	:	
sk	Slovakia	16410	13693	:	
eu15	European Union 15	:	:	:	
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Amount of waste generated in 1000t

Source: Eurostat, Unit E3 - Environment statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 14:20:00, last update: July 2004

*Legend:*

(:) not available

Table 91: B2a4 Share of renewable energy

		2001	2002	2003	2004
at	Austria	67,40	66,00	53,40	58,70
be	Belgium	1,60	1,80	1,80	2,10
de	Germany	6,50	8,10	8,10	9,50
dk	Denmark	17,30	19,90	23,20	27,10
es	Spain	20,70	13,80	21,70	18,50
fi	Finland	25,70	23,70	21,80	28,30
fr	France	16,50	13,70	13,00	12,90
gr	Greece	5,20	6,20	9,70	9,50
ie	Ireland	4,20	5,40	4,30	5,10
it	Italy	16,80	14,30	13,70	15,90
lu	Luxembourg	1,60	2,80	2,30	3,20
nl	Netherlands	4,00	3,60	4,70	5,70
pt	Portugal	34,20	20,80	36,40	24,40
se	Sweden	54,10	46,90	39,90	46,10
uk	United Kingdom	2,50	2,90	2,80	3,70
cy	Cyprus	0,00	0,00	0,00	0,00
cz	Czech Republic	4,00	4,60	2,80	4,00
ee	Estonia	0,20	0,50	0,60	0,70
hu	Hungary	0,80	0,70	0,90	2,30
lt	Lithuania	3,00	3,20	2,80	3,50
lv	Latvia	46,10	39,30	35,40	47,10
mt	Malta	0,00	0,00	0,00	0,00
pl	Poland	2,00	2,00	1,60	2,10
si	Slovenia	30,50	25,40	22,00	29,10
sk	Slovakia	17,40	18,60	12,00	14,30
eu15	European Union 15	15,20	13,50	13,70	14,70
eu25	European Union 25	14,20	12,70	12,70	13,70
us	United States	:	:	:	:
jp	Japan	:	:	:	:

*Data notes:*

Share of electricity from renewable energy to gross electricity consumption

Source: Eurostat, Unit G4 - Energy statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available

Table 92: B2a5 Air transport

		2001	2002	2003	2004
at	Austria	14697777	15195431	16081777	18630401
be	Belgium	19789038	13761944	15199304	17570003
de	Germany	120067662	116780151	123235915	138025420
dk	Denmark	19794157	19929693	19575215	21189193
es	Spain	114150434	113020507	120052804	130489860
fi	Finland	10354247	10629140	10454744	11700066
fr	France	:	96529983	96292027	103015756
gr	Greece	:	:	28165079	29505320
ie	Ireland	:	:	19857444	21213490
it	Italy	69194874	66122580	74345326	82514274
lu	Luxembourg	1618723	1505195	1449399	1509069
nl	Netherlands	39537720	40753336	41143826	44870327
pt	Portugal	16521621	17669325	18001767	19043973
se	Sweden	24109711	22039239	20440596	21718349
uk	United Kingdom	164745924	170391921	179387374	193641141
cy	Cyprus	8529105	:	6792499	6824686
cz	Czech Republic	:	6616882	7855437	10153848
ee	Estonia	570865	602925	710069	990776
hu	Hungary	4581559	4468821	5010397	6444548
lt	Lithuania	:	:	:	:
lv	Latvia	623543	633322	711848	1058826
mt	Malta	2836131	2639805	2647726	2764975
pl	Poland	:	:	:	6091643
si	Slovenia	:	:	:	1050196
sk	Slovakia	430299	498682	640521	1124304
eu15	European Union 15	:	:	580649799	629400327
eu25	European Union 25	:	:	:	:
us	United States				
jp	Japan				

*Data notes:*

Air passenger transport by reporting country (total)

Source: Eurostat, Unit G5 - Transport Statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 02:25:42, last update: Tue Apr 24 14:57:04 MEST 2007

*Legend:*

(:) not available



## 7.2 B2b Employment and economic welfare

Table 93: B2b1 Employment rate of older workers

		2001	2002	2003	2004	
at	Austria	28,90	29,10	30,30	28,80	b
be	Belgium	25,10	26,60	28,10	30,00	
de	Germany	37,90	38,90	39,90	41,80	
dk	Denmark	58,00	57,90	60,20	60,30	
es	Spain	39,20	39,60	40,70	41,30	
fi	Finland	45,70	47,80	49,60	50,90	
fr	France	31,90	34,70	36,80	37,30	
gr	Greece	38,20	39,20	41,30	39,40	
ie	Ireland	46,80	48,00	49,00	49,50	
it	Italy	28,00	28,90	30,30	30,50	b
lu	Luxembourg	25,60	28,10	30,30	30,40	
nl	Netherlands	39,60	42,30	44,30	45,20	
pt	Portugal	50,20	51,40	51,60	50,30	
se	Sweden	66,70	68,00	68,60	69,10	
uk	United Kingdom	52,20	53,40	55,40	56,20	
cy	Cyprus	49,10	49,40	50,40	49,90	
cz	Czech Republic	37,10	40,80	42,30	42,70	
ee	Estonia	48,50	51,60	52,30	52,40	
hu	Hungary	23,50	25,60	28,90	31,10	
lt	Lithuania	38,90	41,60	44,70	47,10	
lv	Latvia	36,90	41,70	44,10	47,90	
mt	Malta	29,40	30,10	32,50	31,50	
pl	Poland	27,40	26,10	26,90	26,20	
si	Slovenia	25,50	24,50	23,50	29,00	
sk	Slovakia	22,40	22,80	24,60	26,80	
eu15	European Union 15	38,80	40,20	41,70	42,50	
eu25	European Union 25	37,50	38,70	40,20	41,00	
us	United States	58,60	59,50	59,90	59,90	
jp	Japan	62,00	61,60	62,10	63,00	

*Data notes:*

Total employment rate of older workers (55-64)

Source: Eurostat, Unit D1 - Labour market. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(b) break in series

Table 94: B2b2 Long term unemployment rate

		2001	2002	2003	2004
at	Austria	0,90	1,10	1,10	1,30
be	Belgium	3,20	3,70	3,70	4,10
de	Germany	3,70	3,90	4,50	5,40
dk	Denmark	0,90	0,90	1,10	1,20
es	Spain	3,70	3,70	3,70	3,40
fi	Finland	2,50	2,30	2,30	2,10
fr	France	3,00	3,00	3,70	3,90
gr	Greece	5,50	5,30	5,30	5,60
ie	Ireland	1,30	1,30	1,50	1,60
it	Italy	5,70	5,10	4,90	4,00
lu	Luxembourg	0,60	0,70	0,90	1,10
nl	Netherlands	0,60	0,70	1,00	1,60
pt	Portugal	1,50	1,70	2,20	2,90
se	Sweden	1,00	1,00	1,00	1,20
uk	United Kingdom	1,30	1,10	1,10	1,00
cy	Cyprus	0,80	0,80	1,00	1,20
cz	Czech Republic	4,20	3,70	3,80	4,20
ee	Estonia	6,00	5,40	4,60	5,00
hu	Hungary	2,60	2,50	2,40	2,70
lt	Lithuania	9,30	7,20	6,00	5,80
lv	Latvia	7,20	5,50	4,40	4,60
mt	Malta	3,70	3,30	3,20	3,40
pl	Poland	9,20	10,90	11,00	10,30
si	Slovenia	3,70	3,50	3,50	3,20
sk	Slovakia	11,30	12,20	11,40	11,80
eu15	European Union 15	3,10	3,10	3,30	3,40
eu25	European Union 25	3,80	3,90	4,00	4,10
us	United States	0,30	0,50	0,70	0,70
jp	Japan	1,30	1,70	1,80	1,60

*Data notes:*

Total long-term unemployment rate (percentage of the total active population)

Source: Eurostat, Unit D1 - Labour market. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(p) provisional value

Table 95: B2b3 Inequality of income distribution

		2001	2002		2003		2004		
at	Austria	3,50	:	i	4,10	b	3,80		
be	Belgium	4,00	:	i	4,30	b	4,00		
de	Germany	3,60	:		:		:		
dk	Denmark	3,00	i	:	i	3,60	b	3,40	
es	Spain	5,50		5,10	bi	5,10	i	5,10	b
fi	Finland	3,70	bi	3,70	i	3,60	i	3,50	b
fr	France	3,90	bi	3,90	i	3,80	i	4,20	b
gr	Greece	5,70		:	i	6,40	b	5,90	
ie	Ireland	4,50		:	i	5,00	b	5,00	
it	Italy	4,80		:	i	:	i	5,60	b
lu	Luxembourg	3,80		:	i	4,00	b	3,90	
nl	Netherlands	4,00	ip	4,00	ip	4,00	ip	:	i
pt	Portugal	6,50		7,30	ip	7,40	ip	7,20	b
se	Sweden	3,40	i	3,30	bi	:	i	3,30	b
uk	United Kingdom	5,40	i	5,50	i	5,30	i	:	i
cy	Cyprus	:	i	:	i	4,10	i	:	i
cz	Czech Republic	3,40	i	:		:		:	
ee	Estonia	6,10	i	6,10	i	5,90	i	7,20	b
hu	Hungary	3,10	i	3,00	i	3,30	i	:	i
lt	Lithuania	4,90	i	:		:		:	
lv	Latvia	:	i	:		:		:	
mt	Malta	:	i	:	i	:	i	:	i
pl	Poland	4,70	i	:		:		:	
si	Slovenia	3,10	i	3,10	i	3,10	i	:	i
sk	Slovakia	:	i	:		:		:	
eu15	European Union 15	4,50	s	:	i	4,60	s	4,80	s
eu25	European Union 25	4,50	s	:	i	4,60	s	4,80	s
us	United States	:		:		:		:	
jp	Japan	:		:		:		:	

*Data notes:*

Inequality of income distribution (income quintile share ratio)

Source: Eurostat, Unit F3 - Living conditions and social protection statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available; (b) break in series; (i) see explanatory text; (p) provisional value; (s) Eurostat estimate

Table 96: B2b4 At risk of poverty rate before social transfers

		2001	2002		2003		2004		
at	Austria	22,00	:	i	25,00	b	25,00		
be	Belgium	23,00	:	i	29,00	b	27,00		
de	Germany	21,00		:		:		:	
dk	Denmark	29,00	i	:	i	32,00	b	31,00	
es	Spain	23,00		22,00	bi	22,00	i	25,00	b
fi	Finland	29,00	bi	28,00	i	28,00	i	29,00	b
fr	France	26,00	bi	26,00	i	24,00	i	26,00	b
gr	Greece	23,00		:	i	24,00	b	23,00	
ie	Ireland	30,00		:	i	31,00	b	33,00	
it	Italy	22,00		:	i	:	i	23,00	b
lu	Luxembourg	23,00		:	i	23,00	b	22,00	
nl	Netherlands	22,00	ip	22,00	ip	23,00	ip	:	i
pt	Portugal	24,00		26,00	ip	26,00	ip	27,00	b
se	Sweden	17,00	i	29,00	bi	:	i	30,00	b
uk	United Kingdom	28,00	i	28,00	i	29,00	i	:	i
cy	Cyprus	:	i	:	i	20,00	i	:	i
cz	Czech Republic	18,00	i	:		:		:	
ee	Estonia	25,00	i	25,00	i	25,00	i	26,00	b
hu	Hungary	17,00	i	15,00	i	17,00	i	:	i
lt	Lithuania	24,00	i	:		:		:	
lv	Latvia	:	i	:		:		:	
mt	Malta	:	i	:	i	:	i	:	i
pl	Poland	31,00	i	:		:		:	
si	Slovenia	17,00	i	16,00	i	16,00	i	:	i
sk	Slovakia	:	i	:		:		:	
eu15	European Union 15	24,00	s	:	i	25,00	s	26,00	s
eu25	European Union 25	24,00	s	:	i	25,00	s	26,00	s
us	United States	:		:		:		:	
jp	Japan	:		:		:		:	

*Data notes:*

At-risk-of-poverty rate before social transfers - total - Share of persons with an equivalised disposable income, before social transfers, below the risk-of-poverty threshold.

Source: Eurostat, Unit F3 - Living conditions and social protection statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available; (b) break in series; (i) see explanatory text; (p) provisional value; (s) Eurostat estimate

Table 97: B2b5 Unadjusted gender pay gap

		2001	2002	2003	2004
at	Austria	20,00	:	17,00 b	18,00
be	Belgium	12,00	:	:	6,00 b
de	Germany	21,00	22,00 b	23,00	23,00
dk	Denmark	15,00	18,00 b	18,00	17,00
es	Spain	17,00	21,00 b	18,00	15,00
fi	Finland	17,00	20,00 b	20,00	20,00
fr	France	14,00	13,00	12,00 b	12,00
gr	Greece	18,00	17,00	11,00 b	10,00
ie	Ireland	17,00	:	14,00 b	11,00 p
it	Italy	6,00	:	:	7,00 p
lu	Luxembourg	16,00	17,00	15,00	14,00
nl	Netherlands	19,00	19,00	18,00	19,00
pt	Portugal	10,00	8,00	9,00	5,00 b
se	Sweden	18,00	17,00	16,00	17,00
uk	United Kingdom	21,00	23,00 b	22,00	22,00
cy	Cyprus	26,00	25,00	25,00	25,00
cz	Czech Republic	20,00	19,00	19,00	19,00
ee	Estonia	24,00	24,00	24,00	24,00
hu	Hungary	20,00	16,00	12,00 r	14,00 r
lt	Lithuania	16,00	16,00	17,00	16,00
lv	Latvia	16,00	16,00	16,00	15,00
mt	Malta	9,00	6,00	4,00	4,00
pl	Poland	12,00	11,00	11,00	10,00
si	Slovenia	11,00	9,00	:	8,00 p
sk	Slovakia	23,00	27,00	23,00	24,00
eu15	European Union 15	16,00 s	16,00 s	16,00 s	15,00 rs
eu25	European Union 25	16,00 s	16,00 s	15,00 s	15,00 s
us	United States	:	:	:	:
jp	Japan	:	:	:	:

*Data notes:*

Gender pay gap in unadjusted form (percentage of men's average gross hourly earnings)

Source: Eurostat, Unit F2 - Labour market statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available; (b) break in series; (r) revised value; (p) provisional value; (s) Eurostat estimate

Table 98: B2b6 Total unemployment rate

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
at	Austria	3,60	4,20	4,30	4,80
be	Belgium	6,60	7,50	8,20	8,40
de	Germany	7,40	8,20	9,00	9,50
dk	Denmark	4,50	4,60	5,40	5,50
es	Spain	10,30	11,10	11,10	10,60
fi	Finland	9,10	9,10	9,00	8,80
fr	France	8,40	8,70	9,50	9,60
gr	Greece	10,70	10,30	9,70	10,50
ie	Ireland	4,00	4,50	4,70	4,50
it	Italy	9,10	8,60	8,40	8,00
lu	Luxembourg	2,00	2,70	3,70	5,10
nl	Netherlands	2,20	2,80	3,70	4,60
pt	Portugal	4,00	5,00	6,30	6,70
se	Sweden	4,90	4,90	5,60	6,30
uk	United Kingdom	5,00	5,10	4,90	4,70
cy	Cyprus	3,80	3,60	4,10	4,60
cz	Czech Republic	8,00	7,30	7,80	8,30
ee	Estonia	12,40	10,30	10,00	9,70
hu	Hungary	5,70	5,80	5,90	6,10
lt	Lithuania	16,50	13,50	12,40	11,40
lv	Latvia	12,90	12,20	10,50	10,40
mt	Malta	7,60	7,50	7,60	7,40
pl	Poland	18,20	19,90	19,60	19,00
si	Slovenia	6,20	6,30	6,70	6,30
sk	Slovakia	19,30	18,70	17,60	18,20
eu15	European Union 15	7,20	7,50	7,90	8,00
eu25	European Union 25	8,40	8,70	9,00	9,00
us	United States	4,80	5,80	6,00	5,50
jp	Japan	5,00	5,40	5,30	4,70

*Data notes:*

Total unemployment rate (percentage of total active population)

Source: Eurostat, Unit F2 - Labour market statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

Table 99: B2b7 Youth unemployment - unemployment of those under age 25

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
at	Austria	5,80	6,70	8,10	9,40
be	Belgium	16,80	17,70	21,80	21,20
de	Germany	12,80	14,20	14,60	15,00
dk	Denmark	8,30	7,40	9,20	8,20
es	Spain	23,20	24,20	24,60	23,90
fi	Finland	19,80	21,00	21,80	20,70
fr	France	19,40	19,70	20,80	21,90
gr	Greece	28,00	26,80	26,80	26,90
ie	Ireland	7,30	8,50	9,10	8,90
it	Italy	24,10	23,10	23,70	23,50
lu	Luxembourg	7,10	7,70	11,00	16,80
nl	Netherlands	4,50	5,00	6,30	8,00
pt	Portugal	9,40	11,60	14,50	15,30
se	Sweden	10,90	11,90	13,40	16,30
uk	United Kingdom	11,70	12,00	12,20	12,10
cy	Cyprus	8,10	8,10	8,90	10,50
cz	Czech Republic	17,30	16,90	18,60	21,00
ee	Estonia	23,20	17,60	20,60	21,70
hu	Hungary	11,30	12,70	13,40	15,50
lt	Lithuania	30,90	22,50	25,10	22,70
lv	Latvia	23,00	22,00	18,00	18,10
mt	Malta	18,80	17,10	17,20	16,80
pl	Poland	39,50	42,50	41,90	39,60
si	Slovenia	17,80	16,50	17,30	16,10
sk	Slovakia	39,20	37,70	33,40	33,10
eu15	European Union 15	15,20	15,80	16,50	16,80
eu25	European Union 25	17,80	18,30	18,90	18,90
us	United States	10,60	12,00	12,40	11,80
jp	Japan	9,60	9,90	10,10	9,50

*Data notes:*

Harmonized unemployment, -/+ 25 years, yearly averages (percentage of total active population)

Source: Eurostat, Unit F2 - Labour market statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 02:33:10, last update: Fri Jun 01 09:17:16 MEST 2007

### 7.3 B2c Quality of life indicators

Table 100: B2c1 Life expectancy at birth

		2001	2002	2003	2004
at	Austria	78,60	78,80	79,00	p
be	Belgium	78,10	78,20	:	
de	Germany	78,50	78,40	p	e
dk	Denmark	77,00	77,20	77,20	
es	Spain	79,30	e	79,70	e
fi	Finland	78,10	78,30	78,50	p
fr	France	79,30	79,50	p	79,50
gr	Greece	78,10	p	78,10	p
ie	Ireland	77,20	77,80	:	
it	Italy	79,80	e	:	
lu	Luxembourg	78,00	78,20	:	
nl	Netherlands	78,30	78,40	78,50	p
pt	Portugal	77,00	77,30	77,40	e
se	Sweden	79,90	79,90	80,20	
uk	United Kingdom	:	p	:	
cy	Cyprus	78,60	e	:	
cz	Czech Republic	75,40	75,50	75,30	
ee	Estonia	71,10	71,70	:	
hu	Hungary	72,50	72,80	:	
lt	Lithuania	72,10	72,30	72,40	p
lv	Latvia	70,80	70,80	71,60	p
mt	Malta	78,50	78,50	:	
pl	Poland	74,40	74,70	74,80	
si	Slovenia	76,40	76,70	:	
sk	Slovakia	73,80	74,00	:	
eu15	European Union 15	:	:	:	
eu25	European Union 25	:	:	:	
us	United States	:	:	:	
jp	Japan	:	:	:	

*Data notes:*

Life expectancy at birth by gender

Source: Eurostat, Unit F3 - Living conditions and social protection statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 02:44:45, last update: Wed Jan 03 21:29:58 MET 2007

*Legend:*

(:) not available; (e) estimated value; (p) provisional value



Table 101: B2c2 Hampered in daily activities because of chronic conditions

		2001	2002	2003	2004
at	Austria	5,30			
be	Belgium	5,60			
de	Germany	10,20			
dk	Denmark	6,00			
es	Spain	5,80			
fi	Finland	9,50			
fr	France	10,40			
gr	Greece	7,50			
ie	Ireland	4,40			
it	Italy	4,50			
lu	Luxembourg	:			
nl	Netherlands	8,60			
pt	Portugal	8,90			
se	Sweden	:	u		
uk	United Kingdom	16,40			
cy	Cyprus				
cz	Czech Republic				
ee	Estonia				
hu	Hungary				
lt	Lithuania				
lv	Latvia				
mt	Malta				
pl	Poland				
si	Slovenia				
sk	Slovakia				
eu15	European Union 15	9,30			
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Hampered in daily activities by any physical or mental health problem, illness or disability (percentage of population 15+)

Source: Eurostat, Unit F5 - Health and food safety statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 02:49:31, last update: Mon Jan 19 15:31:48 MET 2004

*Legend:*

(:) not available; (u) unreliable or uncertain data

Table 102: B2c3 Happiness scale

		2001	2002	2003	2004
at	Austria		7,70	7,90	
be	Belgium		7,80	7,70	
de	Germany		7,20	7,60	
dk	Denmark		8,30	8,30	
es	Spain		7,50	7,80	
fi	Finland		8,00	8,10	
fr	France			7,30	
gr	Greece		6,60	7,60	
ie	Ireland		7,90	8,10	
it	Italy		6,50	7,50	
lu	Luxembourg		7,90	8,00	
nl	Netherlands		7,90	7,70	
pt	Portugal		7,00	6,80	
se	Sweden		7,90	7,90	
uk	United Kingdom		7,60	7,80	
cy	Cyprus			7,80	
cz	Czech Republic		7,00	7,20	
ee	Estonia			6,80	
hu	Hungary		6,30	7,10	
lt	Lithuania			6,40	
lv	Latvia			6,40	
mt	Malta			7,90	
pl	Poland		6,40	6,90	
si	Slovenia		6,90	7,40	
sk	Slovakia			6,50	
eu15	European Union 15				
eu25	European Union 25			7,50	
us	United States				
jp	Japan				

*Data notes:*

Life satisfaction (mean on a scale of 1 to 10)

Source: European Foundation for the Improvement of Living and Working Conditions: European Social Survey 2002, European Quality of Life Survey 2003 (see database: <http://www.eurofound.eu.int/areas/qualityoflife/on-line>)

Date of extraction: Aug 06

Table 103: B2c4 Serious accidents at work

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
at	Austria	83,00	84,00	79,00	79,00
be	Belgium	83,00	72,00	68,00	65,00
de	Germany	88,00	82,00	74,00	73,00
dk	Denmark	90,00	82,00	76,00	79,00
es	Spain	106,00	103,00	100,00	92,00
fi	Finland	87,00	b	85,00	83,00
fr	France	98,00	99,00	95,00	90,00
gr	Greece	86,00	83,00	71,00	66,00
ie	Ireland	:	i	:	i
it	Italy	92,00	83,00	80,00	75,00
lu	Luxembourg	97,00	109,00	107,00	94,00
nl	Netherlands	92,00	100,00	b	82,00
pt	Portugal	91,00	74,00	72,00	75,00
se	Sweden	113,00	101,00	94,00	86,00
uk	United Kingdom	110,00	108,00	107,00	88,00
cy	Cyprus	112,00	92,00	103,00	103,00
cz	Czech Republic	91,00	89,00	80,00	81,00
ee	Estonia	132,00	125,00	128,00	124,00
hu	Hungary	86,00	84,00	83,00	79,00
lt	Lithuania	85,00	86,00	82,00	82,00
lv	Latvia	116,00	108,00	84,00	79,00
mt	Malta	94,00	91,00	90,00	83,00
pl	Poland	78,00	76,00	82,00	84,00
si	Slovenia	94,00	94,00	98,00	98,00
sk	Slovakia	84,00	77,00	68,00	54,00
eu15	European Union 15	94,00	86,00	81,00	78,00
eu25	European Union 25	95,00	88,00	83,00	79,00
us	United States	90,00	97,00	90,00	:
jp	Japan	91,00	86,00	86,00	:

*Data notes:*

Serious accidents at work - total (index of the number of serious accidents at work per 100 thousand persons in employment (1998=100))

Source: Eurostat, Unit F5 - Health and food safety statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available; (b) break in series; (i) see explanatory text

Table 104: B2c5 Share of employed population in shift work

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	
at	Austria	19,30	18,40	17,50	18,70	b
be	Belgium	10,30	9,60	9,60	10,00	
de	Germany	15,00	14,80	15,50	15,20	
dk	Denmark	6,10	5,00	3,80	5,70	
es	Spain	17,40	: u	: u	17,80	
fi	Finland	23,90	24,40	24,10	23,50	
fr	France	: u	9,60	9,10	8,80	
gr	Greece	19,20	19,00	19,60	18,70	
ie	Ireland	17,70	17,40	17,00	16,50	
it	Italy	21,00	21,80	21,60	18,60	
lu	Luxembourg	10,70	10,90	9,00	10,80	
nl	Netherlands	: u	: u	: u	: u	
pt	Portugal	17,00	17,90	17,60	16,80	
se	Sweden	21,80	24,40	22,30	20,60	
uk	United Kingdom	19,00	19,10	19,50	19,40	
cy	Cyprus	10,10	9,80	9,30	9,30	
cz	Czech Republic	26,70	28,20	29,40	28,90	
ee	Estonia	19,70	22,20	21,50	19,70	
hu	Hungary	22,20	22,20	19,10	19,60	
lt	Lithuania	16,20	12,30	13,30	11,90	
lv	Latvia	: u	24,80	23,00	22,50	
mt	Malta	22,10	21,20	20,70	29,30	u
pl	Poland	38,80	36,80	36,90	34,30	
si	Slovenia	33,10	31,90	31,70	30,80	
sk	Slovakia	34,50	31,20	26,30	27,00	
eu15	European Union 15	17,40 i	16,10 i	16,10 i	15,80 i	
eu25	European Union 25	19,90 i	18,40 i	18,30 i	17,60 i	
us	United States					
jp	Japan					

*Data notes:*

Population in employment working on shift work as percent of total employment, by sex and frequency

Source: Eurostat, Unit F2 - Labour market statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 03:03:12, last update: Tue May 29 00:02:21 MEST 2007

*Legend:*

(:) not available; (i) see explanatory text; (u) unreliable or uncertain data

Table 105: B2c6 Share of employed population working at night

		2001	2002	2003	2004	
at	Austria	9,90	9,20	9,40	8,90	b
be	Belgium	4,50	4,20	4,20	4,40	
de	Germany	: u	: u	: u	: u	
dk	Denmark	7,90	7,00	7,00	8,00	
es	Spain	3,70	: u	: u	3,50	
fi	Finland	9,40	9,10	9,30	9,70	
fr	France	4,90	5,00	6,50	7,10	
gr	Greece	4,40	4,20	4,10	4,30	
ie	Ireland	5,70	: u	5,70	5,40	
it	Italy	5,10	5,10	5,10	8,50	
lu	Luxembourg	3,00	3,40	4,40	4,30	
nl	Netherlands		u	u		u
pt	Portugal	8,30	8,00	8,10	8,10	
se	Sweden	7,20	7,50	4,40	4,10	
uk	United Kingdom	12,30	12,30	12,00	11,90	
cy	Cyprus	1,50	1,20	1,10	0,90	
cz	Czech Republic	: u	4,00	4,80	6,00	
ee	Estonia	7,30	7,90	8,80	9,50	
hu	Hungary	7,20	6,90	5,90	5,50	
lt	Lithuania	2,10	2,50	2,70	3,20	
lv	Latvia		u	8,10	7,90	5,70
mt	Malta	9,70	9,00	10,00	10,70	
pl	Poland	3,60	4,70	5,10	5,30	
si	Slovenia	7,40	6,40	6,80	8,80	
sk	Slovakia	10,20	11,90	13,00	13,80	
eu15	European Union 15	7,00 i	7,50 i	7,50 i	7,70 i	
eu25	European Union 25	6,60 i	7,00 i	7,20 i	7,40 i	
us	United States					
jp	Japan					

*Data notes:*

Population in employment working at night as percent of total employment, by sex and frequency

Source: Eurostat, Unit F2 - Labour market statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 03:01:56, last update: Tue May 29 00:02:17 MEST 2007

*Legend:*

(:) not available; (i) see explanatory text; (u) unreliable or uncertain data

Table 106: B2c7 Rooms per person

		2001	2002	2003	2004
at	Austria	2,10			
be	Belgium	2,10			
de	Germany	1,90			
dk	Denmark	2,00			
es	Spain	1,90			
fi	Finland	1,60			
fr	France	2,00			
gr	Greece	1,40			
ie	Ireland	2,10			
it	Italy	1,60			
lu	Luxembourg	2,20			
nl	Netherlands	2,60			
pt	Portugal	1,50			
se	Sweden	2,00			
uk	United Kingdom	2,30			
cy	Cyprus				
cz	Czech Republic				
ee	Estonia				
hu	Hungary				
lt	Lithuania				
lv	Latvia				
mt	Malta				
pl	Poland				
si	Slovenia				
sk	Slovakia				
eu15	European Union 15	2,00			
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Rooms per person by tenure status and type of housing

Source: Eurostat, Unit F3 - Living conditions and social protection statistics. Copyright ©

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Tue, 5 Jun 07 03:05:33, last update: Wed Aug 31 14:07:24 MEST 2005

## 8 C1 Internationalisation

### 8.1 C1a Trade

Table 107: C1a1 Trade to gross domestic product (GDP) ratio

		2001	2002	2003	2004
at	Austria	2,50	4,70	3,60	4,30
be	Belgium	3,50	4,70	4,40	4,10
de	Germany	2,00	4,60	4,00	5,00
dk	Denmark	6,60	5,80	6,30	4,90
es	Spain	-2,50	-2,10	-2,40	-4,00
fi	Finland	10,60	10,60	8,30	8,10
fr	France	1,10	1,70	1,00	0,10
gr	Greece	-9,70	-9,70	-9,60	-8,90
ie	Ireland	15,70	17,10	16,00	14,90
it	Italy	1,40	1,00	0,60	0,70
lu	Luxembourg	17,60	20,20	20,60	21,00
nl	Netherlands	5,80	6,50	6,30	7,20
pt	Portugal	-10,00	-8,30	-6,60	-7,70
se	Sweden	6,50	6,70	6,60	8,00
uk	United Kingdom	-2,70	-2,90	-2,70	-3,00
cy	Cyprus	2,10	-1,60	-1,20	-2,50
cz	Czech Republic	-2,50	-2,10	-2,30	-0,60
ee	Estonia	-2,50	-7,40	-7,80	-8,20
hu	Hungary	-1,20	-2,00	-3,90	-3,20
lt	Lithuania	-5,50	-5,70	-5,80	-7,10
lv	Latvia	-9,50	-9,70	-12,60	-15,60
mt	Malta	-5,10	2,20	-2,90	-4,40
pl	Poland	-3,70	-3,40	-2,60	-2,00
si	Slovenia	-0,70	1,40	-0,10	-1,20
sk	Slovakia	-8,10	-7,20	-1,90	-2,70
eu15	European Union 15	1,10	1,80	1,50	1,40
eu25	European Union 25	0,90	1,60	1,30	1,20
us	United States	-3,60	-4,10	-4,60	-5,20
jp	Japan	0,60	1,30	1,60	1,90

*Data notes:*

GDP and main components - Current prices: External balance of goods and services as percentage of GDP

Source: Eurostat, Unit C2 - National Accounts - Production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Wed, 6 Jun 07 10:47:22, last update: Sat Jun 02 07:03:39 MEST 2007

Table 108: C1a2 Foreign direct investment (FDI) intensity

		2001	2002	2003	2004
at	Austria	2,30	1,50	2,80	2,10
be	Belgium	:	5,70	11,60	10,80
de	Germany	1,70	1,80	0,70	-0,20
dk	Denmark	6,90	3,20	-0,70	:
es	Spain	5,00	5,20	3,10	4,10
fi	Finland	4,80	5,70	0,30	0,50
fr	France	5,50	3,40	2,70	2,10
gr	Greece	0,90	:	:	:
ie	Ireland	6,60	15,30	9,00	2,00
it	Italy	1,60	1,30	0,80	1,00
lu	Luxembourg	:	531,70	327,90	236,70
nl	Netherlands	12,80	6,50	6,00	2,40
pt	Portugal	5,40	0,60	5,40	2,90
se	Sweden	4,10	:	4,30	4,60
uk	United Kingdom	3,90	2,40	2,20	3,40
cy	Cyprus	6,20	7,50	5,50	5,70
cz	Czech Republic	4,70	5,80	1,30	2,80
ee	Estonia	6,00	2,90	5,60	5,30
hu	Hungary	4,00	2,50	2,20	2,80
lt	Lithuania	1,90	2,60	0,60	2,30
lv	Latvia	0,90	1,40	1,60	2,70
mt	Malta	4,00	-5,10	15,30	3,70
pl	Poland	1,50	1,10	1,20	2,60
si	Slovenia	1,40	2,40	2,80	1,80
sk	Slovakia	3,70	7,80	1,10	1,00
eu15	European Union 15	2,60	1,40	1,40	1,00
eu25	European Union 25	2,40	1,30	1,30	0,90
us	United States	1,40	1,00	0,80	1,50
jp	Japan	0,50	0,50	0,40	0,40

*Data notes:*

Market integration - Foreign Direct Investment (FDI) intensity - Average value of inward and outward FDI flows divided by GDP, multiplied by 100

Source: Eurostat, Unit C4 - Balance of Payments. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available



Table 109: C1a3 Direct inward investment flows as percentage of gross domestic product (GDP)

		2001	2002	2003	2004
at	Austria	2,63	-0,12	1,80	0,98
be	Belgium	:	:	9,73	9,22
de	Germany	0,92	2,17	0,83	-0,58
dk	Denmark	4,00	2,24	-0,32	:
es	Spain	3,97	3,22	2,01	2,12
fi	Finland	:	5,48	1,48	1,54
fr	France	3,57	2,58	1,69	1,43
gr	Greece	:	:	:	:
ie	Ireland	:	11,10	15,44	2,33
it	Italy	1,05	0,94	0,99	0,79
lu	Luxembourg	:	429,89	168,32	156,35
nl	Netherlands	6,83	4,20	3,91	1,58
pt	Portugal	5,19	1,23	1,19	-0,18
se	Sweden	:	:	0,77	1,79
uk	United Kingdom	1,76	1,50	0,50	2,24
cy	Cyprus	4,29	4,05	5,02	4,79
cz	Czech Republic	:	10,57	1,00	3,70
ee	Estonia	7,06	3,34	8,32	6,36
hu	Hungary	5,31	2,88	3,45	:
lt	Lithuania	:	:	0,48	2,50
lv	Latvia	0,80	1,71	1,50	3,10
mt	Malta	:	:	:	5,28
pl	Poland	2,76	2,02	1,69	4,63
si	Slovenia	:	2,51	1,29	1,90
sk	Slovakia	:	:	2,12	1,89
eu15	European Union 15	4,25	3,62	2,33	1,54
eu25	European Union 25	4,26	3,67	2,33	1,65
us	United States	:	:	:	:
jp	Japan	:	:	0,13	0,12

*Data notes:*

Calculated with: EU direct investments - main indicators: direct investment flows, in the reporting economy, European Union 25 to GDP and main components - current prices: GDP

Source: Eurostat, Unit C4 - Balance of Payments / Eurostat, Unit C2 - National Accounts - Production. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Wed, 6 Jun 07 01:39:05, last update: Wed May 16 09:52:03 MEST 2007

*Legend:*

(:) not available

## 8.2 C1b Knowledge production and diffusion

Table 110: C1b1 Research and experimental development spending of affiliates as a percentage of total business expenditure on research and experimental development (BERD)

		2001	2002	2003	2004	
at	Austria	..	..	..	0,00	
be	Belgium	..	..	57,13	55,56	
de	Germany	24,77	..	26,74		
dk	Denmark	..	..	..	..	
es	Spain	30,99	..	26,22	27,02	p
fi	Finland	14,25	..	13,99	16,44	
fr	France	21,54	19,39	22,58	25,27	p
gr	Greece	..	..	..	..	
ie	Ireland	65,23	..	72,11	..	
it	Italy	32,95	27,73	26,28	25,85	p
lu	Luxembourg	..	..	..	..	
nl	Netherlands	19,62	31,28	27,47	..	
pt	Portugal	30,76		24,62	..	
se	Sweden	40,65		44,70	..	
uk	United Kingdom	42,81	40,74	44,17	40,31	
cy	Cyprus					
cz	Czech Republic	45,26	43,36	46,63	48,66	p
ee	Estonia					
hu	Hungary	..	..	..	..	
lt	Lithuania					
lv	Latvia					
mt	Malta					
pl	Poland	4,56	9,96	9,31	16,80	p
si	Slovenia	..	..	..	..	
sk	Slovakia	18,97	22,58	22,41	20,40	p
eu15	European Union 15	..	..	..	..	
eu25	European Union 25	..	..	..	..	
us	United States	13,33	14,19	14,61	13,64	p
jp	Japan	3,39	3,55	4,27		

*Data notes:*

R&D expenditure of foreign affiliates as a percentage of R&D expenditure of enterprises

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available; (p) provisional

Table 111: C1b2 Co-patenting with foreign inventors

		2001	2002	2003	2004
at	Austria	27,13	26,78	24,07	
be	Belgium	35,67	34,67	34,90	
de	Germany	11,96	12,38	12,42	
dk	Denmark	20,25	20,67	17,72	
es	Spain	19,27	18,08	19,89	
fi	Finland	14,63	14,24	11,71	
fr	France	16,43	16,55	16,37	
gr	Greece	25,86	29,85	26,90	
ie	Ireland	30,27	36,57	28,85	
it	Italy	11,33	9,47	9,72	
lu	Luxembourg	50,00	64,55	48,78	
nl	Netherlands	14,41	17,63	18,60	
pt	Portugal	37,50	22,81	21,35	
se	Sweden	16,11	14,77	16,43	
uk	United Kingdom	22,04	21,22	20,46	
cy	Cyprus	25,00	72,73	41,18	
cz	Czech Republic	36,24	32,89	27,08	
ee	Estonia	29,41	35,71	37,50	
hu	Hungary	25,12	24,55	33,33	
lt	Lithuania	58,33	41,67	78,57	
lv	Latvia	43,75	47,06	50,00	
mt	Malta	44,44	33,33	25,00	
pl	Poland	40,25	28,97	25,67	
si	Slovenia	36,62	15,79	15,45	
sk	Slovakia	46,88	41,07	42,62	
eu15	European Union 15	10,61	10,63	10,15	
eu25	European Union 25	10,46	10,49	9,98	
us	United States	10,40	10,14	10,38	
jp	Japan	2,97	3,29	2,71	

*Data notes:*

Patent applications to the EPO with foreign co-inventors, by priority year at the national level [world] (percentage of total)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Wed, 6 Jun 07 02:49:28, last update: Thu Nov 30 16:35:31 MET 2006

Table 112: C1b3 International scientific collaboration

		2001	2002	2003	2004
at	Austria			101,00	
be	Belgium			121,00	
de	Germany			136,00	
dk	Denmark			112,00	
es	Spain			115,00	
fi	Finland				
fr	France			146,00	
gr	Greece				
ie	Ireland			77,00	
it	Italy			126,00	
lu	Luxembourg				
nl	Netherlands			131,00	
pt	Portugal				
se	Sweden			116,00	
uk	United Kingdom			158,00	
cy	Cyprus				
cz	Czech Republic				
ee	Estonia				
hu	Hungary			77,00	
lt	Lithuania				
lv	Latvia				
mt	Malta				
pl	Poland			90,00	
si	Slovenia				
sk	Slovakia				
eu15	European Union 15				
eu25	European Union 25				
us	United States			172,00	
jp	Japan			128,00	

*Data notes:*

Breadth of international S&E collaboration, by country/economy and income level: 1996 and 2003 (number of countries)

Source: National Science Board (2006): Science and Engineering Indicators 2006. Arlington, VA: National Science Foundation, Volume 2, NSB 06-01A

Date of extraction: 2006

Table 113: C1b4 Technology balance of payments (TBP) as a percentage of gross expenditure on research and experimental development (GERD)

		2001	2002	2003	2004	
at	Austria	0,00	0,00	0,00	0,00	
be	Belgium	96,20	71,41	70,21	79,65	p
de	Germany	45,19	43,26	37,80	37,65	
dk	Denmark	0,00	0,00	0,00	0,00	
es	Spain	0,00	0,00	0,00	0,00	
fi	Finland	25,68	27,08	28,77	30,08	
fr	France	9,16	8,62	8,29	0,00	
gr	Greece	0,00	0,00	0,00	0,00	
ie	Ireland	0,00	0,00	0,00	0,00	
it	Italy	28,32	21,78	22,77	21,49	
lu	Luxembourg	0,00	0,00	139,50	164,62	p
nl	Netherlands	0,00	0,00	0,00	0,00	
pt	Portugal	59,75	70,08	64,50	64,30	cp
se	Sweden	0,00	0,00	0,00	0,00	
uk	United Kingdom	32,63	29,67	32,16	37,37	
cy	Cyprus					
cz	Czech Republic	67,73	61,82	48,65	47,72	
ee	Estonia					
hu	Hungary	0,00	0,00	0,00	0,00	
lt	Lithuania					
lv	Latvia					
mt	Malta					
pl	Poland	66,98	94,25	0,00	0,00	
si	Slovenia	0,00	0,00	0,00	0,00	
sk	Slovakia	48,51	0,00	0,00	0,00	
eu15	European Union 15	0,00	0,00	0,00	0,00	
eu25	European Union 25	0,00	0,00	0,00	0,00	
us	United States	5,94	6,99	6,57	7,71	j
jp	Japan	3,53	3,48	3,59	3,60	

*Data notes:*

Technology balance of payments: payments as a percentage of GERD

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available; (c) national estimate or projection; (j) excludes most or all capital expenditure; (p) provisional

Table 114: C1b5 Surplus of technology balance of payments (TBP) receipts over payments as a share of gross domestic product (GDP)

		2001	2002	2003	2004
at	Austria	..	..	..	..
be	Belgium	46,00	18,00	35,00	22,00
de	Germany	-34,00	-26,00	-1,00	6,00
dk	Denmark	..	..	..	..
es	Spain	..	..	..	..
fi	Finland	19,00	18,00	3,00	12,00
fr	France	4,00	6,00	11,00	..
gr	Greece	..	..	..	..
ie	Ireland	..	..	..	..
it	Italy	-7,00	0,00	-5,00	-1,00
lu	Luxembourg	..	71,00	331,00	553,00 p
nl	Netherlands	..	..	..	..
pt	Portugal	-26,00	-26,00	-22,00	-19,00
se	Sweden				
uk	United Kingdom	66,00	71,00	72,00	72,00
cy	Cyprus				
cz	Czech Republic	-34,00	-33,00	-40,00	-39,00
ee	Estonia				
hu	Hungary	..	..	..	..
lt	Lithuania				
lv	Latvia				
mt	Malta				
pl	Poland	-32,00	-40,00	..	..
si	Slovenia	..	..	..	..
sk	Slovakia	-16,00 t	..	..	..
eu15	European Union 15	..	..	..	..
eu25	European Union 25	..	..	..	..
us	United States	24,00	24,00	26,00	25,00
jp	Japan	14,00	17,00	19,00	24,00

*Data notes:*

Calculated with: Technology balance of payments: receipts minus technology balance of payments: payments [million national currency - for Euro area, pre-EMU Euro or EUR] to GDP (million national currency - for Euro area, pre-EMU Euro or EUR)

Source: OECD, Main Science and Technology Indicators, May 2007

Date of extraction: May 2007

*Legend:*

(..) not available; (p) provisional; (t) do not correspond exactly to the OECD recommendations

Table 115: C1b6 Share of research and experimental development (R&amp;D) funded from abroad

		2001		2002		2003		2004
at	Austria	19,70	e	21,40		19,80	e	19,40
be	Belgium	12,10		14,30		12,90		:
de	Germany	2,50		2,40	e	2,30		2,50
dk	Denmark	7,80		:		10,30		:
es	Spain	7,70		6,80		5,70		6,20
fi	Finland	2,50		3,10		3,10		3,20
fr	France	7,20		8,00		8,40		8,80
gr	Greece	18,40		:		21,60		:
ie	Ireland	6,00	e	7,10	e	8,50	e	8,90 p
it	Italy	:		:		:		:
lu	Luxembourg	:		:		8,30		:
nl	Netherlands	11,00		11,60		11,30		:
pt	Portugal	5,10		5,00	e	5,00		:
se	Sweden	3,40	i	:		7,30	i	:
uk	United Kingdom	19,80		21,60		20,40		17,20
cy	Cyprus	12,60		15,10		13,90		11,50
cz	Czech Republic	2,20		2,70		4,60		3,70
ee	Estonia	12,50		14,30		15,20		17,00
hu	Hungary	9,20	i	10,40	i	10,70	i	10,40 i
lt	Lithuania	6,60		7,10		13,80		10,70
lv	Latvia	31,70		35,60		20,40		22,50
mt	Malta	:		21,60		:		:
pl	Poland	2,40		4,80		4,60		5,20
si	Slovenia	7,20		3,70		9,90		11,10
sk	Slovakia	1,90		2,10		3,30		4,30
eu15	European Union 15	8,10	s	8,90	s	8,60	s	8,30 s
eu25	European Union 25	8,00	s	8,90	s	8,60	s	8,20 s
us	United States	:		:		:		:
jp	Japan	0,40		0,40		0,30		:

*Data notes:*

Gross domestic expenditure on R&D (GERD) by source of funds - abroad (percentage)  
Source: Eurostat, Unit B5 - Methodology and research. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Tue, 5 Jun 07 09:34:43, last update: Mon Jun 04 18:08:09 MEST 2007

*Legend:*

(:) not available; (e) estimated value; (i) see explanatory text; (p) provisional value; (s) Eurostat estimate

Table 116: C1b7 Co authorship share on international sciencenc and engineering (S&E) articles, by country

		2001	2002	2003	2004
at	Austria			8,20	
be	Belgium			10,80	
de	Germany			10,50	
dk	Denmark			9,90	
es	Spain			16,20	
fi	Finland			7,60	
fr	France			16,40	
gr	Greece			6,20	
ie	Ireland			8,90	
it	Italy			9,40	
lu	Luxembourg				
nl	Netherlands			9,70	
pt	Portugal			9,90	
se	Sweden			9,80	
uk	United Kingdom			15,90	
cy	Cyprus			13,40	
cz	Czech Republic			7,20	
ee	Estonia			3,50	
hu	Hungary			6,90	
lt	Lithuania			3,50	
lv	Latvia			5,00	
mt	Malta				
pl	Poland			6,60	
si	Slovenia			6,60	
sk	Slovakia			6,10	
eu15	European Union 15			23,40	
eu25	European Union 25				
us	United States			23,30	
jp	Japan			9,50	

*Data notes:*

Co authorship share of selected regions and countries on international S&E articles of indicated region and country/economy

Source: National Science Board (2006): Science and Engineering Indicators 2006. Arlington, VA: National Science Foundation, Volume 2, NSB 06-01A

Date of extraction: 2006



### 8.3 C1c Economic structure

Table 117: C1c1 Share of total turnover from affiliates under foreign control

		2001	2002	2003	2004
at	Austria	12,44	13,18	14,74	
be	Belgium	11,35		12,46	
de	Germany	16,61	34,26	31,80	
dk	Denmark				
es	Spain				
fi	Finland	44,52	48,42	41,42	
fr	France	13,03	12,06	:	
gr	Greece	44,91	:	:	
ie	Ireland				
it	Italy				
lu	Luxembourg				
nl	Netherlands				
pt	Portugal	4,83	4,10	3,81	
se	Sweden				
uk	United Kingdom				
cy	Cyprus				
cz	Czech Republic	1,76	p 1,33	1,16	
ee	Estonia				
hu	Hungary				
lt	Lithuania				
lv	Latvia				
mt	Malta				
pl	Poland				
si	Slovenia				
sk	Slovakia				
eu15	European Union 15				
eu25	European Union 25				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: European Union foreign affiliates statistics - turnover to selected indicators for all activities (NACE divisions): turnover or gross premiums written (Mio Euro)

Source: Eurostat, Unit C4 - Balance of Payments / Eurostat, Unit G1 - Structural business statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Wed, 6 Jun 07 02:56:39, last update: Mon Aug 28 11:13:09 MEST 2006

*Legend:*

(:) not available; (p) provisional value

Table 118: C1c2 Inward and outward foreign direct investment (FDI)

		2001	2002	2003	2004
at	Austria	10080	6549	12653	9818
be	Belgium	:	30300	63620	62473
de	Germany	73865	77003	31343	-10656
dk	Denmark	24790	11793	-2775	:
es	Spain	68669	76427	48322	68691
fi	Finland	13523	16381	921	1549
fr	France	165452	105698	84745	71153
gr	Greece	2418	:	:	:
ie	Ireland	15328	39794	25102	6009
it	Italy	40614	33737	22629	29069
lu	Luxembourg	:	256080	167947	127776
nl	Netherlands	114560	60629	57657	23113
pt	Portugal	13960	1754	14727	8315
se	Sweden	20413	:	23117	26110
uk	United Kingdom	124526	78868	69891	118291
cy	Cyprus	1334	1673	1299	1437
cz	Czech Republic	6484	9234	2046	4826
ee	Estonia	828	447	959	993
hu	Hungary	4806	3472	3344	4531
lt	Lithuania	506	789	194	835
lv	Latvia	168	273	316	601
mt	Malta	341	-455	1333	321
pl	Poland	6279	4611	4567	10687
si	Slovenia	602	1143	1391	938
sk	Slovakia	1721	4049	657	681
eu15	European Union 15	1158993	956892	745623	553309
eu25	European Union 25	1183030	982722	761789	579432
us	United States	317478	221449	161331	277204
jp	Japan	49844	44097	31092	31199

*Data notes:*

Calculated with: EU direct investments - main indicators - direct investment flows - million ECU/EUR

Source: Eurostat, Unit C4 - Balance of Payments. Copyright © Eurostat. All Rights Reserved.

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*Legend:*

(:) not available; (c) confidential

## 8.4 C1d Human resources

Table 119: C1d1 Non-national workers as a share of the total workforce

	2001	2002	2003	2004
at	Austria			
be	Belgium			
de	Germany			
dk	Denmark			
es	Spain			
fi	Finland			
fr	France			
gr	Greece			
ie	Ireland			
it	Italy			
lu	Luxembourg			
nl	Netherlands			
pt	Portugal			
se	Sweden			
uk	United Kingdom			
cy	Cyprus			
cz	Czech Republic			
ee	Estonia			
hu	Hungary			
lt	Lithuania			
lv	Latvia			
mt	Malta			
pl	Poland			
si	Slovenia			
sk	Slovakia			
eu15	European Union (15 countries)			
eu25	European Union (25 countries)			
us	United States			
jp	Japan			

*Data notes:*

Calculated with: Non-national workers by citizenship and region (NUTS95 level 2) to active population by broad group of citizenship, age group and sex

Source: Eurostat, Unit F1 - Demographic and migration statistics / Eurostat, Unit F1 - Demographic and migration statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Wed, 6 Jun 07 03:19:00, last update: Thu Jan 09 13:18:11 MET 2003

*Legend:*

No data available for the relevant years.

Table 120: C1d2 Annual net immigration as a percentage of the total population

		<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>
at	Austria	0,54	0,43	0,47	0,76
be	Belgium	0,35	0,39	0,34	0,34
de	Germany	0,33	0,27	0,17	0,10
dk	Denmark	0,22	0,18	0,13	0,09
es	Spain	1,09	1,58	1,50	1,44
fi	Finland	0,12	0,10	0,11	0,13
fr	France	0,24	0,26	0,27	0,17
gr	Greece	0,35	0,35	0,32	0,37
ie	Ireland	1,02	0,84	0,79	1,18
it	Italy	0,09	0,60	1,07	0,96
lu	Luxembourg	0,75	0,60	0,46	0,34
nl	Netherlands	0,35	0,17	0,04	-0,06
pt	Portugal	0,63	0,68	0,61	0,45
se	Sweden	0,32	0,35	0,32	0,28
uk	United Kingdom	0,26	0,27	0,30	0,38
cy	Cyprus	0,67	0,98	1,73	2,15
cz	Czech Republic	-0,42	0,12	0,25	0,18
ee	Estonia	0,01	0,01	0,01	0,01
hu	Hungary	0,10	0,03	0,15	0,18
lt	Lithuania	-0,22	-0,08	-0,04	-0,05
lv	Latvia	-0,07	-0,06	-0,18	-0,28
mt	Malta	0,56	0,44	0,42	0,48
pl	Poland	-0,04	-0,05	-0,04	-0,02
si	Slovenia	0,02	0,02	0,03	0,05
sk	Slovakia	0,25	0,11	0,18	0,09
eu15	European Union 15				
eu25	European Union 25	0,30	0,40	0,44	0,41
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Population change: absolute numbers and crude rates to total population

Source: Eurostat, Unit F1 - Demographic and migration statistics. Copyright © Eurostat.

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Date of extraction: Mon, 11 Jun 07 10:00:00, last update: 8.6.2007

*Legend:*

(:) not available

Table 121: C1d3 Number of foreign students (non-EU) in tertiary education International Standard Classification of Education (ISCED 5) as a percentage of all tertiary education International Standard Classification of Education (ISCED 5)

		2001	2002	2003	2004	
at	Austria				5,50	i
be	Belgium				4,70	
de	Germany				7,98	
dk	Denmark				5,88	
es	Spain				1,21	
fi	Finland				1,58	
fr	France					
gr	Greece				0,47	
ie	Ireland				4,48	i
it	Italy				1,37	
lu	Luxembourg				:	
nl	Netherlands				1,90	
pt	Portugal				3,29	
se	Sweden				4,28	
uk	United Kingdom				8,35	
cy	Cyprus				30,17	
cz	Czech Republic				1,57	
ee	Estonia				0,54	
hu	Hungary				2,00	
lt	Lithuania				0,27	
lv	Latvia				0,47	
mt	Malta				4,87	
pl	Poland				0,33	i
si	Slovenia				0,96	
sk	Slovakia				0,59	
eu15	European Union 15				:	
eu25	European Union 25				0,67	i
us	United States					
jp	Japan					

*Data notes:*

Calculated with: Foreign students in tertiary education (ISCED 5-6) by country of citizenship - tertiary programmes with academic orientation (ISCED 1997) & tertiary programmes with occupation orientation (ISCED 1997) to tertiary students (ISCED 5-6) by field of education and sex - tertiary programmes with academic orientation (ISCED 1997) & tertiary programmes with occupation orientation (ISCED 1997)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Wed, 6 Jun 07 03:45:38, last update: Wed Mar 07 23:19:55 MET 2007

*Legend:*

(:) not available; (i) see explanatory text

Table 122: C1d4 Number of foreign students (EU) in tertiary education International Standard Classification of Education (ISCED 5) as a percentage of all tertiary education International Standard Classification of Education (ISCED 5)

		2001	2002	2003	2004	
at	Austria				8,14	i
be	Belgium				6,41	
de	Germany				3,19	
dk	Denmark				1,73	
es	Spain				0,40	
fi	Finland				0,72	
fr	France					
gr	Greece				2,01	
ie	Ireland				2,42	i
it	Italy				0,65	
lu	Luxembourg				:	
nl	Netherlands				2,07	
pt	Portugal				0,63	
se	Sweden				3,60	
uk	United Kingdom				3,96	
cy	Cyprus				2,07	
cz	Czech Republic				2,92	
ee	Estonia				0,70	
hu	Hungary				0,98	
lt	Lithuania				0,14	
lv	Latvia				0,56	
mt	Malta				0,74	
pl	Poland				0,08	i
si	Slovenia				0,10	
sk	Slovakia				0,39	
eu15	European Union 15					
eu25	European Union 25					
us	United States				:	
jp	Japan				0,00	i

*Data notes:*

Calculated with: Foreign students in tertiary education (ISCED 5-6) by country of citizenship - tertiary programmes with academic orientation (ISCED 1997) & tertiary programmes with occupation orientation (ISCED 1997) to tertiary students (ISCED 5-6) by field of education and sex - tertiary programmes with academic orientation (ISCED 1997) & tertiary programmes with occupation orientation (ISCED 1997)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Wed, 6 Jun 07 03:45:38, last update: Wed Mar 07 23:19:55 MET 2007

*Legend:*

(:) not available; (i) see explanatory text

Table 123: C1d5 Foreign PhD students International Standard Classification of Education (ISCED 6) as a percentage of total PhD enrolment

	2001	2002	2003	2004
at Austria				21,25
be Belgium				31,31
de Germany				:
dk Denmark				20,36
es Spain				17,46
fi Finland				7,02
fr France				:
gr Greece				:
ie Ireland				:
it Italy				3,56
lu Luxembourg				:
nl Netherlands				:
pt Portugal				7,79
se Sweden				19,91
uk United Kingdom				38,64
cy Cyprus				10,89
cz Czech Republic				7,06
ee Estonia				2,12
hu Hungary				7,40
lt Lithuania				0,15
lv Latvia				:
mt Malta				11,76
pl Poland				:
si Slovenia				:
sk Slovakia				1,21
eu15 European Union 15				
eu25 European Union 25				:
us United States				:
jp Japan				:

*Data notes:*

Calculated with: Foreign students in tertiary education (ISCED 5-6) by country of citizenship - second stage of tertiary education leading to an advanced research qualification - level 6 (ISCED 1997) to tertiary students (ISCED 5-6) by field of education and sex - second stage of tertiary education leading to an advanced research qualification - level 6 (ISCED 1997)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Wed, 6 Jun 07 03:44:16, last update: Wed Mar 07 23:19:55 MET 2007

*Legend:*

(:) not available

Table 124: C1d6 Annual mobility of human resource in science and technology (HRST)

		2001		2002		2003		2004	
at	Austria	:	u	5,80		5,20		6,90	b
be	Belgium	7,10		6,60		5,30		5,20	
de	Germany	6,60		6,20		5,20		5,10	
dk	Denmark	12,50		10,90		10,30		9,40	
es	Spain	7,10		6,90		7,30		7,40	
fi	Finland	10,70		10,30	b	8,80		8,90	
fr	France	8,20		8,10		:	u	:	u
gr	Greece	3,10		5,00		4,00		5,00	b
ie	Ireland	:	u	:	u	:	u	:	u
it	Italy	5,20		5,10		4,40		4,60	b
lu	Luxembourg	5,80		5,30		4,10	b	4,60	b
nl	Netherlands	:	u	:	u	:	bu	:	u
pt	Portugal	5,50		6,30		6,10		5,30	b
se	Sweden	:	u	:	u	2,90	u	2,80	u
uk	United Kingdom	11,30	b	10,50		9,40		9,50	
cy	Cyprus	7,10		6,50		8,60		7,10	
cz	Czech Republic	6,50		5,10		4,20		4,50	
ee	Estonia	8,50		8,10		9,20		6,20	
hu	Hungary	3,80		3,60		4,00		4,30	
lt	Lithuania	6,20	b	7,40		5,80		5,60	
lv	Latvia	:	u	6,40	b	7,40	b	5,80	
mt	Malta	6,10	bu	6,20	u	5,40	u	:	u
pl	Poland	5,20		4,40		4,90		4,50	
si	Slovenia	4,90	b	4,80		5,70	b	6,60	
sk	Slovakia	2,30		1,80		4,10		3,90	
eu15	European Union 15	7,10	i	6,90	i	4,90	i	5,00	i
eu25	European Union 25	6,80	i	6,60	i	4,90	i	5,00	i
us	United States								
jp	Japan								

*Data notes:*

Annual data on job-to-job mobility of HRST, employed, 25-64 years old, by gender (percentage of job-to-job mobile HRST)

Source: Eurostat, Unit F4 - Education, science and culture statistics. Copyright © Eurostat. All Rights Reserved.

Date of extraction: Wed, 6 Jun 07 03:50:02, last update: Fri Mar 30 17:40:10 MEST 2007

*Legend:*

(:) not available; (b) break in series; (i) See explanatory text; (u) Unreliable or uncertain data



Table 125: C1d7 Plans of European graduates from U.S. universities

		2001	2002	2003	2004
at	Austria				
be	Belgium				
de	Germany				
dk	Denmark				
es	Spain				
fi	Finland				
fr	France				
gr	Greece				
ie	Ireland				
it	Italy				
lu	Luxembourg				
nl	Netherlands				
pt	Portugal				
se	Sweden				
uk	United Kingdom				
cy	Cyprus				
cz	Czech Republic				
ee	Estonia				
hu	Hungary				
lt	Lithuania				
lv	Latvia				
mt	Malta				
pl	Poland				
si	Slovenia				
sk	Slovakia				
eu15	European Union (15 countries)				
eu25	European Union (25 countries)				
us	United States				
jp	Japan				

*Data notes:*

Calculated with: Plans of foreign recipients of U.S. S&E doctorates to stay in United States, by field and place of origin: 1992-2003

Source: NSF, Division of Science Resources Statistics, Survey of Earned Doctorates, special tabulations

Date of extraction: 2004

*Legend:*

No data available for the relevant years.