

**DIRECTORATE FOR SCIENCE, TECHNOLOGY AND INDUSTRY
COMMITTEE FOR SCIENTIFIC AND TECHNOLOGICAL POLICY**

Working Party of National Experts on Science and Technology Indicators

CDH OUTPUT INDICATORS TABLES

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Beginning at 9:30 on the first day and ending at 13:00 on the last day

Document DSTI/EAS/STP/NESTI(2006)3 comprises three parts corresponding to the three work components of the expert group on Careers of Doctorate Holders (CDH). Part 3 presents the output indicators tables which are used for reporting data at the international level.

This document is presented for information and discussion under item 2.2.3 of the Agenda.

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REPORTING COUNTRY:

Table P1. NUMBER OF DOCTORATE HOLDERS BY SEX AND AGE CLASS

	Year XX			Year YY			Year ZZ		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Less than 35 years old									
35-44 years old									
45-54 years old									
55-64 years old									
65-69 years old									
70 years old or more									
TOTAL									

*Notes:**Source of data:*

REPORTING COUNTRY:

Table P2. NUMBER OF DOCTORATE HOLDERS BY SEX AND COUNTRY OF CITIZENSHIP

!! Please read note at end of table

	Year XX			Year YY			Year ZZ		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
GRAND TOTAL									
Citizens of the reporting country									
<i>of which:</i>									
by birth									
by naturalisation									
Foreign citizens									
<i>of which:</i>									
permanent residents in the reporting country									
non-permanent residents in the reporting country									
TOTAL FOREIGN CITIZENS	0	0	0	0	0	0	0	0	0
Total European Union	0	0	0	0	0	0	0	0	0
Total OECD	0	0	0	0	0	0	0	0	0
Total non OECD	0	0	0	0	0	0	0	0	0
Total Africa									
Total America									
Total Asia									
Total Europe									
Total Oceania									
Argentina									
Austria									
Australia									
Belgium									
Bulgaria									
Canada									
China									
Croatia									
Cyprus									
Czech Republic									
Denmark									
Estonia									
Finland									
Former Yugoslav Republic of Macedonia									
France									
Germany									
Greece									
Hungary									
Iceland									
India									
Ireland									
Italy									
Japan									
Korea									
Latvia									
Lithuania									
Luxembourg									
Malaysia									
Malta									
Mexico									
Netherlands									
New Zealand									
Norway									
Poland									
Portugal									
Russian Federation									
Slovak Republic									
Slovenia									
Spain									
Sweden									
Switzerland									
Turkey									
Uganda									
Ukraine									
United Kingdom									
United States									
xxx									
yyy									
zzz									
...									

Note: Please, add any individual country for which there is a significant amount of foreign citizens in your country. If filling in individual country data poses confidentiality problems, please report observations to regional aggregate groupings only.

Notes:

Source of data:

REPORTING COUNTRY:

Table P3. NUMBER OF DOCTORATE HOLDERS BY CITIZENSHIP/RESIDENTIAL STATUS AND AGE CLASS

	Year XX				Year YY				Year ZZ			
	Citizens of the reporting country	Foreign citizens		Total	Citizens of the reporting country	Foreign citizens		Total	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents			Permanent residents	Non-permanent residents			Permanent residents	Non-permanent residents	
Less than 35 years old												
35-44 years old												
45-54 years old												
55-64 years old												
65-69 years old												
70 years old or more												
TOTAL												

Notes:

Source of data:

DSTI/EAS/STP/NESTI(2006)3/PART3

REPORTING COUNTRY:

Table P4. NUMBER OF DOCTORATE HOLDERS BY CITIZENSHIP/RESIDENTIAL STATUS AND FIELD OF DOCTORATE DEGREE

New OECD FOS classification	Year XX				Year XX				Year XX			
	Citizens of the reporting country	Foreign citizens		Total	Citizens of the reporting country	Foreign citizens		Total	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents			Permanent residents	Non-permanent residents			Permanent residents	Non-permanent residents	
1	NATURAL SCIENCES											
1.1	Mathematics, computer sciences, information science (no hardware development)											
1.2	Physical sciences											
1.3	Chemical sciences											
1.4	Earth sciences											
1.5	Biological sciences (excluding clinical and veterinary sciences)											
1.6	Other natural sciences (not elsewhere classified)											
2	ENGINEERING AND TECHNOLOGY											
2.1	Civil engineering											
2.2	Mechanical engineering											
2.3	Chemical engineering											
2.4	Materials engineering											
2.5	Electrical and electronic engineering											
2.6	Medical engineering											
2.7	Environmental engineering											
2.8	Biotechnology											
2.9	Nanotechnology											
2.4	Other engineering and technologies (not elsewhere classified)											
3	MEDICAL SCIENCES											
3.1	Basic medicine											
3.2	Clinical medicine											
3.3	Health sciences											
3.4	Other medical sciences (residual use only)											
4	AGRICULTURAL SCIENCES											
4.1	Agriculture, forestry and fisheries											
4.2	Animal and diary science											
4.3	Other agricultural sciences (not elsewhere classified)											
5	SOCIAL SCIENCES											
5.1	Psychology											
5.2	Education											
5.3	Sociology											
5.4	Economics and business											
5.5	Law, political science, regional studies and journalism											
5.6	Other social sciences (not elsewhere classified)											
6	HUMANITIES											
6.1	Philosophy, ethics and religion											
6.2	History and Archaeology											
6.3	Languages and literature											
6.4	Art (arts, history of arts, performing arts, music)											
6.5	Other humanities (not elsewhere classified)											
TOTAL												

REPORTING COUNTRY:

Table P5. NUMBER OF DOCTORATE HOLDERS BY SEX AND COUNTRY OF BIRTH

!! Please read note at end of table

	Year XX			Year YY			Year ZZ		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
GRAND TOTAL									
Born in the reporting country									
Foreign born									
of which:									
permanent residents in the reporting country									
non-permanent residents in the reporting country									
TOTAL FOREIGN CITIZENS	0	0	0	0	0	0	0	0	0
Total European Union	0	0	0	0	0	0	0	0	0
Total OECD	0	0	0	0	0	0	0	0	0
Total non OECD	0	0	0	0	0	0	0	0	0
Total Africa									
Total America									
Total Asia									
Total Europe									
Total Oceania									
Argentina									
Austria									
Australia									
Belgium									
Bulgaria									
Canada									
China									
Croatia									
Cyprus									
Czech Republic									
Denmark									
Estonia									
Finland									
Former Yugoslav Republic of Macedonia									
France									
Germany									
Greece									
Hungary									
Iceland									
India									
Ireland									
Italy									
Japan									
Korea									
Latvia									
Lithuania									
Luxembourg									
Malaysia									
Malta									
Mexico									
Netherlands									
New Zealand									
Norway									
Poland									
Portugal									
Russian Federation									
Slovak Republic									
Slovenia									
Spain									
Sweden									
Switzerland									
Turkey									
Uganda									
Ukraine									
United Kingdom									
United States									
xxx									
yyy									
zzz									
...									

Note: Please, add any individual country for which there is a significant amount of foreign citizens in your country. If filling in individual country data poses confidentiality problems, please report observations to regional aggregate groupings only.

Notes:

Source of data:

DSTI/EAS/STP/NESTI(2006)3/PART3

REPORTING COUNTRY:

Table P6. NUMBER OF DOCTORATE HOLDERS BY PLACE OF BIRTH/RESIDENTIAL STATUS AND AGE CLASS

	Year XX				Year XX				Year XX			
	Born in the reporting country	Foreign born		Total	Born in the reporting country	Foreign born		Total	Born in the reporting country	Foreign born		Total
		Permanent residents	Non-permanent residents			Permanent residents	Non-permanent residents			Permanent residents	Non-permanent residents	
Less than 35 years old												
35-44 years old												
45-54 years old												
55-64 years old												
65-69 years old												
70 years old or more												
TOTAL												

Notes:

Source of data:

REPORTING COUNTRY:

Table P7. NUMBER OF DOCTORATE HOLDERS BY PLACE OF BIRTH/RESIDENTIAL STATUS AND FIELD OF DOCTORATE DEGREE

New OECD FOS classification	Year XX				Year XX				Year XX			
	Born in the reporting country	Foreign born		Total	Born in the reporting country	Foreign born		Total	Born in the reporting country	Foreign born		Total
		Permanent residents	Non-permanent residents			Permanent residents	Non-permanent residents			Permanent residents	Non-permanent residents	
1	NATURAL SCIENCES											
1.1	Mathematics, computer sciences, information science (no hardware development)											
1.2	Physical sciences											
1.3	Chemical sciences											
1.4	Earth sciences											
1.5	Biological sciences (excluding clinical and veterinary sciences)											
1.6	Other natural sciences (not elsewhere classified)											
2	ENGINEERING AND TECHNOLOGY											
2.1	Civil engineering											
2.2	Mechanical engineering											
2.3	Chemical engineering											
2.4	Materials engineering											
2.5	Electrical and electronic engineering											
2.6	Medical engineering											
2.7	Environmental engineering											
2.8	Biotechnology											
2.9	Nanotechnology											
2.4	Other engineering and technologies (not elsewhere classified)											
3	MEDICAL SCIENCES											
3.1	Basic medicine											
3.2	Clinical medicine											
3.3	Health sciences											
3.4	Other medical sciences (residual use only)											
4	AGRICULTURAL SCIENCES											
4.1	Agriculture, forestry and fisheries											
4.2	Animal and dairy science											
4.3	Other agricultural sciences (not elsewhere classified)											
5	SOCIAL SCIENCES											
5.1	Psychology											
5.2	Education											
5.3	Sociology											
5.4	Economics and business											
5.5	Law, political science, regional studies and journalism											
5.6	Other social sciences (not elsewhere classified)											
6	HUMANITIES											
6.1	Philosophy, ethics and religion											
6.2	History and Archaeology											
6.3	Languages and literature											
6.4	Art (arts, history of arts, performing arts, music)											
6.5	Other humanities (not elsewhere classified)											
	TOTAL											

REPORTING COUNTRY:

Table ED1. NUMBER OF DOCTORATE HOLDERS BY CITIZENSHIP/RESIDENTIAL STATUS AND COUNTRY OF DOCTORATE AWARD

YEAR(S) OF REFERENCE:

!! Please read note at end of table

	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
GRAND TOTAL				
Number who received their doctorate degree in the reporting country				
Number who received their doctorate degree in a foreign country				
TOTAL FOREIGN CITIZENS	0	0	0	0
Total European Union	0	0	0	0
Total OECD	0	0	0	0
Total non OECD	0	0	0	0
Total Africa				
Total America				
Total Asia				
Total Europe				
Total Oceania				
Argentina				
Austria				
Australia				
Belgium				
Bulgaria				
Canada				
China				
Croatia				
Cyprus				
Czech Republic				
Denmark				
Estonia				
Finland				
Former Yugoslav Republic of Macedonia				
France				
Germany				
Greece				
Hungary				
Iceland				
India				
Ireland				
Italy				
Japan				
Korea				
Latvia				
Lithuania				
Luxembourg				
Malaysia				
Malta				
Mexico				
Netherlands				
New Zealand				
Norway				
Poland				
Portugal				
Russian Federation				
Slovak Republic				
Slovenia				
Spain				
Sweden				
Switzerland				
Turkey				
Uganda				
Ukraine				
United Kingdom				
United States				
xxx				
yyy				
zzz				
...				

Note: Please, add any individual country for which there is a significant amount of foreign citizens in your country. If filling in individual country data poses confidentiality problems, please report observations to regional aggregate groupings only.

Notes:

Source of data:

REPORTING COUNTRY:

Table ED2. NUMBER OF DOCTORATE HOLDERS BY PLACE OF BIRTH/RESIDENTIAL STATUS AND COUNTRY OF DOCTORATE AWARD

YEAR(S) OF REFERENCE:

!! Please read note at end of table

	Born in the reporting country	Foreign born		Total
		Permanent residents	Non-permanent residents	
GRAND TOTAL				
Number who received their doctorate degree in the reporting country				
Number who received their doctorate degree in a foreign country				
TOTAL FOREIGN CITIZENS	0	0	0	0
Total European Union	0	0	0	0
Total OECD	0	0	0	0
Total non OECD	0	0	0	0
Total Africa				
Total America				
Total Asia				
Total Europe				
Total Oceania				
Argentina				
Austria				
Australia				
Belgium				
Bulgaria				
Canada				
China				
Croatia				
Cyprus				
Czech Republic				
Denmark				
Estonia				
Finland				
Former Yugoslav Republic of Macedonia				
France				
Germany				
Greece				
Hungary				
Iceland				
India				
Ireland				
Italy				
Japan				
Korea				
Latvia				
Lithuania				
Luxembourg				
Malaysia				
Malta				
Mexico				
Netherlands				
New Zealand				
Norway				
Poland				
Portugal				
Russian Federation				
Slovak Republic				
Slovenia				
Spain				
Sweden				
Switzerland				
Turkey				
Uganda				
Ukraine				
United Kingdom				
United States				
xxx				
yyy				
zzz				
...				

Note: Please, add any individual country for which there is a significant amount of foreign citizens in your country. If filling in individual country data poses confidentiality problems, please report observations to regional aggregate groupings only.

Notes:

Source of data:

REPORTING COUNTRY:

Table ED3. NUMBER OF DOCTORATE HOLDERS BY COUNTRY OF DOCTORATE AWARD AND OF PRIOR EDUCATION

YEAR(S) OF REFERENCE:

Place of prior education	Place of doctoral degree award		
	In the reporting country	In a foreign country	Total
Previous degree in the reporting country			
Previous degree not in the reporting country <i>of which: in the same country as the doctorate</i>			
TOTAL			

Notes:

Source of data:

REPORTING COUNTRY:

Table ED4. RECENT DOCTORATE RECIPIENTS: AGE AT GRADUATION AND TIME TO COMPLETION BY MAIN FIELD OF DOCTORATE DEGREE

YEAR(S) OF REFERENCE:

	Number of recent doctorate recipients	Age at graduation (in years)		Time to completion (in months)	
		average	median	average	median
<i>Men</i>					
Natural sciences					
Engineering and technology					
Medical sciences					
Agricultural sciences					
Social sciences					
Humanities					
TOTAL					

	Number of recent doctorate recipients	Age at graduation (in years)		Time to completion (in months)	
		average	median	average	median
<i>Women</i>					
Natural sciences					
Engineering and technology					
Medical sciences					
Agricultural sciences					
Social sciences					
Humanities					
TOTAL					

Notes:**Source of data:**

REPORTING COUNTRY:

Table ED5. NUMBER OF DOCTORATE HOLDERS BY PRIMARY SOURCE OF FUNDING DURING COMPLETION OF DOCTORATE

YEAR(S) OF REFERENCE:

	Natural sciences	Engineering and technology	Medical sciences	Agricultural sciences	Social sciences	Humanities	TOTAL
Primary source of funding							
Fellowship, scholarship from host institution							
Fellowship, scholarship from government							
Fellowship, scholarship from business							
Fellowship, scholarship from private non profit institution							
Fellowship, scholarship from abroad							
Teaching assistantship							
Research assistantship							
Other occupation (full time)							
Other occupation (part time)							
Employer's reimbursement/assistance							
Loan							
Personal savings							
Spouse's, partner's or family support							
Spouse's, partner's or family support from abroad							
Other							
Unknown							
Number of respondents							

Notes:

Source of data:

REPORTING COUNTRY:

Table EMP1. NUMBER OF DOCTORATE HOLDERS BY EMPLOYMENT STATUS AND YEAR OF DOCTORATE AWARD

YEAR(S) OF REFERENCE:

<i>Men</i>	Employed						Unemployed	Inactive	Total
	Paid employment	Self-employed	Permanent employment	Temporary employment	Full-time employment	Part-time employment			
...									
1990									
1991									
1992									
1993									
1994									
1995									
1996									
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
All years									

<i>Women</i>	Employed						Unemployed	Inactive	Total
	Paid employment	Self-employed	Permanent employment	Temporary employment	Full-time employment	Part-time employment			
...									
1990									
1991									
1992									
1993									
1994									
1995									
1996									
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
All years									

Notes:

Source of data:

DSTI/EAS/STP/NESTI(2006)3/PART3

REPORTING COUNTRY:

Table EMP2. NUMBER OF DOCTORATE HOLDERS BY EMPLOYMENT STATUS, FIELD OF DOCTORATE DEGREE AND AGE

YEAR(S) OF REFERENCE:

Field of doctorate degree	Employed						Unemployed	Inactive	Total
	Paid employment	Self-employed	Permanent employment	Temporary employment	Full-time employment	Part-time employment			
Natural sciences									
Engineering and technology									
Medical sciences									
Agricultural sciences									
Social sciences									
Humanities									
TOTAL									

Notes:

Source of data:

Age	Employed						Unemployed	Inactive	Total
	Paid employment	Self-employed	Permanent employment	Temporary employment	Full-time employment	Part-time employment			
Less than 35 years old									
35-44 years old									
45-54 years old									
55-64 years old									
65-69 years old									
70 years old or more									
TOTAL									

Notes:

Source of data:

REPORTING COUNTRY:

Table EMP3. NUMBER OF RECENT DOCTORATE RECIPIENTS BY PRIMARY SOURCE OF FUNDING DURING COMPLETION OF DOCTORATE AND EMPLOYMENT STATUS

YEAR(S) OF REFERENCE:

Primary source of funding	Employed						Unemployed	Inactive	Total
	Paid employment	Self-employed	Permanent employment	Temporary employment	Full-time employment	Part-time employment			
Fellowship, scholarship from host institution									
Fellowship, scholarship from government									
Fellowship, scholarship from business									
Fellowship, scholarship from private non profit institution									
Fellowship, scholarship from abroad									
Teaching assistantship									
Research assistantship									
Other occupation (full time)									
Other occupation (part time)									
Employer's reimbursement/assistance									
Loan									
Personal savings									
Spouse's, partner's or family support									
Spouse's, partner's or family support from abroad									
Other									
Unknown									
Number of respondents									

Notes:

Source of data:

DSTI/EAS/STP/NESTI(2006)3/PART3

REPORTING COUNTRY:

Table EMP4. OCCUPATIONS OF EMPLOYED DOCTORATE HOLDERS BY FIELD OF DOCTORATE DEGREE

YEAR(S) OF REFERENCE:

ISCO-88 code	ISCO-88 title	Natural sciences	Engineering and technology	Medical sciences	Agricultural sciences	Social sciences	Humanities	TOTAL
1	LEGISLATORS, SENIOR OFFICIALS AND MANAGERS							
2	PROFESSIONALS							
21	Physical, mathematical and engineering science professionals							
211	Physicists, chemists and related professionals							
212	Mathematicians, statisticians and related professionals							
213	Computing professionals							
214	Architects, engineers and related professionals							
22	Life science and health professionals							
221	Life science professionals							
222	Health professionals (except nursing)							
223	Nursing and midwifery professionals							
23	Teaching professionals							
231	College, university and higher education teaching professionals							
232	Secondary education teaching professionals							
233 to 235	Other teaching professionals							
24	Other professionals							
241	Business professionals							
242	Legal professionals							
243	Archivists, librarians and related information professionals							
244	Social science and related professionals							
245	Writers and creative or performing artists							
Other	Other ISCO-88 groups							
TOTAL	Total							

Notes:

Source of data:

REPORTING COUNTRY:

Table EMP5. NUMBER OF DOCTORATE HOLDERS EMPLOYED AS RESEARCHERS BY FIELD OF DOCTORATE DEGREE

YEAR(S) OF REFERENCE:

Men

Field of doctorate degree	Total	Sector of employment				of which: postdocs
		Business enterprise sector	Government sector	Higher education sector	Private non- profit sector	
Natural sciences						
Engineering and technology						
Medical sciences						
Agricultural sciences						
Social sciences						
Humanities						
TOTAL						

Women

Field of doctorate degree	Total	Sector of employment				of which: postdocs
		Business enterprise sector	Government sector	Higher education sector	Private non- profit sector	
Natural sciences						
Engineering and technology						
Medical sciences						
Agricultural sciences						
Social sciences						
Humanities						
TOTAL						

Notes:

Source of data:

REPORTING COUNTRY:

Table EMP6. MEDIAN ANNUAL BASIC SALARY OF EMPLOYED DOCTORATE HOLDERS (national currency)

YEAR(S) OF REFERENCE:

Men

Field of doctorate degree	Employed as researcher						Not employed as researcher
	Total	Sector of employment				of which: postdocs	
		Business enterprise sector	Government sector	Higher education sector	Private non-profit sector		
Natural sciences							
Engineering and technology							
Medical sciences							
Agricultural sciences							
Social sciences							
Humanities							
TOTAL							

Women

Field of doctorate degree	Employed as researcher						Not employed as researcher
	Total	Sector of employment				of which: postdocs	
		Business enterprise sector	Government sector	Higher education sector	Private non-profit sector		
Natural sciences							
Engineering and technology							
Medical sciences							
Agricultural sciences							
Social sciences							
Humanities							
TOTAL							

*Notes:**Source of data:*

REPORTING COUNTRY:

Table EMP7. ANNUAL BASIC SALARY OF EMPLOYED RECENT DOCTORATE RECIPIENTS BY SOURCE OF FUNDING DURING COMPLETION OF DOCTORATE (national currency)

YEAR(S) OF REFERENCE:

Primary source of funding	Average annual basic salary			Median annual basic salary		
	Total	Employed as researcher	Not employed as researcher	Total	Employed as researcher	Not employed as researcher
Fellowship, scholarship from host institution						
Fellowship, scholarship from government						
Fellowship, scholarship from business						
Fellowship, scholarship from private non profit institution						
Fellowship, scholarship from abroad						
Teaching assistantship						
Research assistantship						
Other occupation (full time)						
Other occupation (part time)						
Employer's reimbursement/assistance						
Loan						
Personal savings						
Spouse's, partner's or family support						
Spouse's, partner's or family support from abroad						
Other						
Unknown						
Number of respondents						

*Notes:**Source of data:*

REPORTING COUNTRY:

Table EMP8. JOB TO JOB MOBILITY: LENGTH OF STAY WITH THE SAME EMPLOYER

YEAR(S) OF REFERENCE:

<i>Current activity</i>	Non research occupation	Research occupation				Total
		Total research	Business enterprise sector	Government sector	Higher education sector	
<i>With the same employer for:</i>						
Less than 1 year						
1 to < 2 years						
2 to < 3 years						
3 to < 4 years						
4 to < 5 years						
5 to < 10 years						
10 years or more						
Unknown						
TOTAL						

Notes:

Source of data:

REPORTING COUNTRY:

Table PERC1. PERCEPTION OF DOCTORATE HOLDERS REGARDING THEIR JOB QUALIFICATION

YEAR(S) OF REFERENCE:

Year of doctorate award	Job related to the doctoral degree			Job partly related to the doctoral degree			Job not related to the doctoral degree		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
...									
1990									
1991									
1992									
1993									
1994									
1995									
1996									
1997									
1998									
1999									
2000									
2001									
2002									
2003									
2004									
All years									

*Notes:**Source of data:*

DSTI/EAS/STP/NESTI(2006)3/PART3

REPORTING COUNTRY:

Table PERC2. SATISFACTION OF DOCTORATE HOLDERS WITH THEIR EMPLOYMENT SITUATION

YEAR(S) OF REFERENCE:

Criteria	Very satisfied			Somewhat satisfied			Somewhat dissatisfied			Very dissatisfied		
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
Salary												
Benefits												
Job security												
Location												
Working conditions												
Opportunities for advancement												
Intellectual challenge												
Level of responsibility												
Degree of independence												
Contribution to society												
Social status												

Notes:

Source of data:

REPORTING COUNTRY:

Table IMOB1. NUMBER OF DOCTORATE HOLDERS BY CITIZENSHIP/RESIDENTIAL STATUS AND LENGTH OF STAY IN THE COUNTRY

YEAR(S) OF REFERENCE:

Length of stay in the reporting country	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
Less than 1 year				
1 to < 2 years				
2 to < 3 years				
3 to < 4 years				
4 to < 5 years				
5 to < 10 years				
10 years or more				
TOTAL				

Notes:

Source of data:

DSTI/EAS/STP/NESTI(2006)3/PART3

REPORTING COUNTRY:

Table IMOB2. NUMBER OF DOCTORATE HOLDERS BY CITIZENSHIP/RESIDENTIAL STATUS AND PREVIOUS COUNTRY OF RESIDENCE

YEAR(S) OF REFERENCE:

!! Please read note at end of table

Previous country of residence	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
TOTAL FOREIGN CITIZENS				
Total European Union	0	0	0	0
Total OECD	0	0	0	0
Total non OECD	0	0	0	0
Total Africa				
Total America				
Total Asia				
Total Europe				
Total Oceania				
Argentina				
Austria				
Australia				
Belgium				
Bulgaria				
Canada				
China				
Croatia				
Cyprus				
Czech Republic				
Denmark				
Estonia				
Finland				
Former Yugoslav Republic of Macedonia				
France				
Germany				
Greece				
Hungary				
Iceland				
India				
Ireland				
Italy				
Japan				
Korea				
Latvia				
Lithuania				
Luxembourg				
Malaysia				
Malta				
Mexico				
Netherlands				
New Zealand				
Norway				
Poland				
Portugal				
Russian Federation				
Slovak Republic				
Slovenia				
Spain				
Sweden				
Switzerland				
Turkey				
Uganda				
Ukraine				
United Kingdom				
United States				
xxx				
yyy				
zzz				
...				

Note: Please, add any individual country for which there is a significant amount of foreign citizens in your country. If filling in individual country data poses confidentiality problems, please report observations to regional aggregate groupings only.

Notes:

Source of data:

REPORTING COUNTRY:

Table IMOB3. REASONS FOR MOVING INTO THE COUNTRY FOR DOCTORATE HOLDERS HAVING ENTERED THE COUNTRY IN THE LAST FIVE OR TEN YEARS

YEAR(S) OF REFERENCE:

Entered the country in the last five years	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
(Multiple answers possible) Completion of doctorate abroad End of postdoc abroad End of job contract abroad Sent by employer abroad Postdoc offer Job offer Better paid job Job search Guarantee or ease to find job Better access to publishing Development or continuity of thesis work Work in specific scientific area not existent in previous country of residence Possibility of creation of own research team Possibility to create a new research area Personal/family reasons Economical reasons Political reasons Refugee End of residence permit/visa abroad Other reason				
Number of respondents				

Entered the country five to ten years ago	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
(Multiple answers possible) Completion of doctorate abroad End of postdoc abroad End of job contract abroad Sent by employer abroad Postdoc offer Job offer Better paid job Job search Guarantee or ease to find job Better access to publishing Development or continuity of thesis work Work in specific scientific area not existent in previous country of residence Possibility of creation of own research team Possibility to create a new research area Personal/family reasons Economical reasons Political reasons Refugee End of residence permit/visa abroad Other reason				
Number of respondents				

Notes:

Source of data:

DSTI/EAS/STP/NESTI(2006)3/PART3

List of tables'

REPORTING COUNTRY:

Table OMOB1. INTENTIONS TO MOVE OUT OF THE COUNTRY IN THE NEXT YEAR BY COUNTRY OF INTENDED DESTINATION (optional)

YEAR(S) OF REFERENCE:

!! Please read note at end of table

	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
No intention to move out of the country				
Intention to move out of the country				
TOTAL HAVING INTENTION TO MOVE	0	0	0	0
To a European Union country	0	0	0	0
To an OECD country	0	0	0	0
To a non OECD country	0	0	0	0
To Africa				
To America				
To Asia				
To Europe				
To Oceania				
<i>Country of destination</i>				
Argentina				
Austria				
Australia				
Belgium				
Bulgaria				
Canada				
China				
Croatia				
Cyprus				
Czech Republic				
Denmark				
Estonia				
Finland				
Former Yugoslav Republic of Macedonia				
France				
Germany				
Greece				
Hungary				
Iceland				
India				
Ireland				
Italy				
Japan				
Korea				
Latvia				
Lithuania				
Luxembourg				
Malaysia				
Malta				
Mexico				
Netherlands				
New Zealand				
Norway				
Poland				
Portugal				
Russian Federation				
Slovak Republic				
Slovenia				
Spain				
Sweden				
Switzerland				
Turkey				
Uganda				
Ukraine				
United Kingdom				
United States				
xxx				
yyy				
zzz				
...				

Note: Please, add any individual country for which there is a significant amount of foreign citizens in your country. If filling in individual country data poses confidentiality problems, please report observations to regional aggregate groupings only.

Notes:

Source of data:

REPORTING COUNTRY:

Table OMOB2. REASONS FOR INTENTIONS TO MOVE OUT OF THE COUNTRY IN THE NEXT YEAR (optional)

YEAR(S) OF REFERENCE:

	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
<i>(Multiple answers possible)</i>				
Completion of doctorate				
End of postdoc				
End of job contract				
Sent by employer				
Postdoc offer				
Job offer				
Better paid job				
Job search				
Guarantee or ease to find job				
Better access to publishing				
Development or continuity of thesis work				
Work in specific scientific area not existent in previous country of residence				
Possibility of creation of own research team				
Possibility to create a new research area				
Personal/family reasons				
Economical reasons				
Political reasons				
Refugee				
End of residence permit/visa				
Other reason				
Number of respondents				

Notes:

Source of data:

DSTI/EAS/STP/NESTI(2006)3/PART3

REPORTING COUNTRY:

Table OMOB3. NUMBER OF DOCTORATE HOLDERS HAVING LEFT THE COUNTRY IN THE LAST FIVE OR TEN YEARS BY CITIZENSHIP/RESIDENT STATUS AND COUNTRY OF DESTINATION (optional)

YEAR(S) OF REFERENCE:

!! Please read note at end of table

Left in the last five years	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
TOTAL HAVING LEFT				
To a European Union country				
To an OECD country				
To a non OECD country				
To Africa				
To America				
To Asia				
To Europe				
To Oceania				
<i>Country of destination</i>				
Argentina				
Austria				
Australia				
Belgium				
Bulgaria				
Canada				
China				
Croatia				
Cyprus				
Czech Republic				
Denmark				
Estonia				
Finland				
Former Yugoslav Republic of Macedonia				
France				
Germany				
Greece				
Hungary				
Iceland				
India				
Ireland				
Italy				
Japan				
Korea				
Latvia				
Lithuania				
Luxembourg				
Malaysia				
Malta				
Mexico				
Netherlands				
New Zealand				
Norway				
Poland				
Portugal				
Russian Federation				
Slovak Republic				
Slovenia				
Spain				
Sweden				
Switzerland				
Turkey				
Uganda				
Ukraine				
United Kingdom				
United States				
xxx				
yyy				
zzz				
...				

Note: Please, add any individual country for which there is a significant amount of foreign citizens in your country. If filling in individual country data poses confidentiality problems, please report observations to regional aggregate groupings only.

Notes:

Source of data:

!! Please read note at end of table

Left five to ten years ago	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
TOTAL HAVING LEFT				
To a European Union country				
To an OECD country				
To a non OECD country				
To Africa				
To America				
To Asia				
To Europe				
To Oceania				
<i>Country of destination</i>				
Argentina				
Austria				
Australia				
Belgium				
Bulgaria				
Canada				
China				
Croatia				
Cyprus				
Czech Republic				
Denmark				
Estonia				
Finland				
Former Yugoslav Republic of Macedonia				
France				
Germany				
Greece				
Hungary				
Iceland				
India				
Ireland				
Italy				
Japan				
Korea				
Latvia				
Lithuania				
Luxembourg				
Malaysia				
Malta				
Mexico				
Netherlands				
New Zealand				
Norway				
Poland				
Portugal				
Russian Federation				
Slovak Republic				
Slovenia				
Spain				
Sweden				
Switzerland				
Turkey				
Uganda				
Ukraine				
United Kingdom				
United States				
xxx				
yyy				
zzz				
...				

Note: Please, add any individual country for which there is a significant amount of foreign citizens in your country. If filling in individual country data poses confidentiality problems, please report observations to regional aggregate groupings only.

Notes:

Source of data:

REPORTING COUNTRY:

Table OMOB4. REASONS FOR MOVING OUT OF THE COUNTRY IN THE LAST FIVE OR TEN YEARS (optional)

YEAR(S) OF REFERENCE:

<i>Left in the last five years</i>	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
<i>(Multiple answers possible)</i>				
Completion of doctorate				
End of postdoc				
End of job contract				
Sent by employer				
Postdoc offer				
Job offer				
Better paid job				
Job search				
Guarantee or ease to find job				
Better access to publishing				
Development or continuity of thesis work				
Work in specific scientific area not existent in previous country of residence				
Possibility of creation of own research team				
Possibility to create a new research area				
Personal/family reasons				
Economical reasons				
Political reasons				
Refugee				
End of residence permit/visa				
Other reason				
Number of respondents				

<i>Left five to ten years ago</i>	Citizens of the reporting country	Foreign citizens		Total
		Permanent residents	Non-permanent residents	
<i>(Multiple answers possible)</i>				
Completion of doctorate				
End of postdoc				
End of job contract				
Sent by employer				
Postdoc offer				
Job offer				
Better paid job				
Job search				
Guarantee or ease to find job				
Better access to publishing				
Development or continuity of thesis work				
Work in specific scientific area not existent in previous country of residence				
Possibility of creation of own research team				
Possibility to create a new research area				
Personal/family reasons				
Economical reasons				
Political reasons				
Refugee				
End of residence permit/visa				
Other reason				
Number of respondents				

Notes:

Source of data:

DSTI/EAS/STP/NESTI(2006)3/PART3

REPORTING COUNTRY:

Table OUTP1. AVERAGE OUTPUT OF DOCTORATE HOLDERS WORKING AS RESEARCHERS IN THE LAST THREE YEARS (BY FIELD OF DOCTORATE DEGREE AND BY AGE)

YEAR(S) OF REFERENCE:

	Number of doctorate holders working as researchers	Articles	Books	Named as inventors in patents	Patents granted	Commercialised products or processes or patents licensed	Start-up companies
Field of doctorate degree		<i>Average number in the last three years:</i>					
Natural sciences							
Engineering and technology							
Medical sciences							
Agricultural sciences							
Social sciences							
Humanities							
TOTAL							

Notes:

Source of data:

	Number of doctorate holders working as researchers	Articles	Books	Named as inventors in patents	Patents granted	Commercialised products or processes or patents licensed	Start-up companies
Age		<i>Average number in the last three years:</i>					
Less than 35 years old							
35-44 years old							
45-54 years old							
55-64 years old							
65-69 years old							
70 years old or more							
TOTAL							

Notes:

Source of data:

REPORTING COUNTRY:

Table OUTP2. AVERAGE OUTPUT OF DOCTORATE HOLDERS WORKING AS RESEARCHERS IN THE LAST THREE YEARS (BY SEX AND CITIZENSHIP/RESIDENTIAL STATUS)

YEAR(S) OF REFERENCE:

	Number of doctorate holders working as researchers	Articles	Books	Named as inventors in patents	Patents granted	Commercialised products or processes or patents licensed	Start-up companies
<i>Average number in the last three years:</i>							
Men							
Women							
Total							

Notes:

Source of data:

	Number of doctorate holders working as researchers	Articles	Books	Named as inventors in patents	Patents granted	Commercialised products or processes or patents licensed	Start-up companies
<i>Average number in the last three years:</i>							
Citizens of the reporting country							
Foreign citizens who are permanent residents							
Foreign citizens who are non-permanent residents							
Total							

Notes:

Source of data: