

contact person:
Pierre Moortgat

e-mail:
Pierre.Moortgat@belspo.be

telephone:
02/238.35.97

date:
15 September 2006

Dear Madam,
Dear Sir,

When the current federal government took office in 2003, it set itself the goal of stimulating the creation of new knowledge jobs by lowering the charges on highly-qualified work.

True to its word, since then a number of measures have been adopted to cut the withholding tax on income derived from employment activity on the salaries of researchers by one-half (or more); this leaves the net salary of the employee unchanged, but the total labour cost for the employer is thereby reduced by around 10%. Since 1 October 2003 this measure has been applicable to the Belgian universities, polytechnics and research funds, and annually generates around 70 million euros, an amount that can be applied by these institutions for scientific research, or more specifically for hiring additional scientists.

In the meantime, the measure has been extended to other knowledge institutions from the social-profit sector and to the business sector, always with the same goal, namely stimulating research and technological development and at the same time employment in these sectors (see www.belspo.be/fisc for an overview).

Moreover, more recently the government's policy on this subject was supplemented by measures designed to increase the incomes of academic researchers, deriving from the exploitation of

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inventions. Finally, alongside this strand of fiscal measures, a new policy strand was opened up, namely that of reinvesting the social employer's contribution on researcher salaries from the academic sector in the creation of new jobs, primarily in basic research.

However, in order to be able to further develop or adjust these and other policy measures, and in order to be able to substantiate them on the basis of concrete data, it is necessary to obtain a clearer picture of the curriculum vitae of the so-called knowledge workers. I therefore decided to organise a large-scale survey (supervised by the OECD, UNESCO and EUROSTAT) among holders of a PhD/doctoral degree. Those belonging to this specific category of highly educated individuals have been active on the academic level as scientific researchers, more specifically in order to prepare and defend a thesis which preceded the degree of PhD/doctorate, and consequently to a certain extent they are destined to further develop their careers in the R&TD sector.

In a number of modules, the survey explores inter alia the training of the PhD/doctor, the relationship between education and employment, career development and international mobility. Two federal government departments which fall under my Ministerial responsibility are working together to organise the survey. The Statistics and Economic Information department of the FPS Economy is responsible for composing the population, sending out the survey and recording and managing the data which you will provide via your completed reply forms. You should send back the anonymous reply forms (remove this first page) in the attached pre-printed, postage-free envelope to the FPS Science Policy, where those who prepared the survey will be analysing your responses.

Naturally you are free not to fill out this survey; however, by answering it you will be performing a valuable service for the policy makers who are responsible for research and technological development and for their economic and employment aspects.

I wish to thank you for the time and attention you devote to the attached questionnaire, and remain

Sincerely yours



Marc Verwilghen



Gelieve een Nederlandstalige versie te willen vinden op / Veuillez trouver une version en français sur / Sie finden eine Deutsche Version auf www.belspo.be/doctorateholders

Because not all questions will apply to everyone, you may be asked to skip certain questions.

- Please use an "X" when answering questions that require marking a box.
- In order to get comparable data, we will be asking you to refer to 31 december 2005.
- Follow all "SKIP" and "GO TO" instructions after marking a box.
- Either a pen or pencil may be used
- If you need to change an answer, please make sure that your old answer is either completely erased or clearly crossed out.

Remove the first page which bears your name and address, then please send the completed questionnaire back within one month using the enclosed envelope. Once again many thanks, your cooperation is highly appreciated.

Module PER

Personal characteristics

PER.1 Are you:

1 Male 2 Female

*PER.2 What is your date of birth?

MONTH DAY YEAR

*PER.3 What is your place of birth?

City State/Province Country

*PER.4 What is your citizenship/residential status in Belgium?

1 Citizen by birth 2 Citizen by naturalization
3 Permanent resident 4 Non-permanent resident

PER.5 Please list the countries of your citizenship

Country 1 Country 2 Country 3

PER.6 What is your marital status?

Mark (X) ONLY one

1 Married 2 Living in a marriage-like relationship 3 Divorced
4 Never married 5 Widowed

PER.7 How many dependents do you have?

5 years or younger Number 6 to 18 years Number 19 years or older Number

PER.8 In case we need to clarify some of the information you have provided, and if you accept, please list phone numbers and an e-mail address where you can be reached.

DAYTIME:
EVENING:
E-mail:



Module REC

Recent graduates



REC.1 Did you receive your doctoral degree (PhD) at any time between January 2004 and December 2005?

1 Yes2 No→ **SKIP THE REST OF THIS MODULE AND GO TO NEXT MODULE**

REC.2 (IF YES) List chronologically all educational institutions you have attended since secondary school.

Secondary school

Name	State or province / City	Country
1.		
2.		

College or equivalent

Name	State or province / City	Country
1.		
2.		

First university/polytechnic degree (bachelor or equivalent)

University name	Years Attended		State or province / City	Country	Field of study (Annex 2)
	From	To			
1.					
2.					

Master's degree or equivalent

University name	Years Attended		State or province / City	Country	Field of study (Annex 2)
	From	To			
1.					
2.					

If you have attended more institutions, please add an extra page.

REC.3 To what extent was your first job after graduation related to your doctoral degree?

Mark (X) ONLY one

1 Closely related 2 Somewhat related 3 Not related

REC.4 How many months elapsed between the time you completed your doctoral degree and the time you accepted your first CAREER PATH JOB (if applicable)?

A "career path" job is a job that will help further your career plans or is job in a field where you want to make your career

NUMBER OF MONTHS



Module ED

Education



*ED.1 In which institution did you complete your doctoral / PhD program?

Department (or interdisciplinary committee, centre, institute):	
University:	
Country:	

*ED.2 Please enter the field of science corresponding to your doctoral / PhD degree.

FIELD CODE (see classification in Annex 1): .

ED.3 In which category would you place your doctorate / PhD?

Mark (X) all that apply

- 1 Addressed a fundamental problem 2 Made an improvement in process
 3 Made an improvement in methodology 4 Other-Specify _____

ED.4 Did your doctorate / PhD involve...?

Mark (X) all that apply

- 1 Course work 2 Field work 5 Other | Specify _____
 3 Lab work 4 Industrial interface

*ED.5 When was your doctorate / PhD granted?

MONTH YEAR

*ED.6 How long was there between the date you commenced your doctoral / PhD program and the date your doctorate was granted?

MONTHS *(Round to whole months. Include time spent on preparing for exams required for and related to your doctoral degree and on the dissertation)*

*ED.7 In what country did you receive your previous degree (preceding your doctoral / PhD degree)?

Country _____

*ED.8 Which of the following were financial sources during your doctoral / PhD studies?

Mark (X) only once in each column

	Primary source	Secondary source
1. Scholarship, fellowship, salary paid out by or via the university / polytechnic	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2. Scholarship, fellowship, salary paid out by the government / government institution	1 <input type="checkbox"/>	2 <input type="checkbox"/>
3. Scholarship, fellowship, salary paid out by fund (e.g. FWO / FNRS)	1 <input type="checkbox"/>	2 <input type="checkbox"/>
4. Teaching assistantship	1 <input type="checkbox"/>	2 <input type="checkbox"/>
5. Research assistantship	1 <input type="checkbox"/>	2 <input type="checkbox"/>
6. Other occupation (full time)	1 <input type="checkbox"/>	2 <input type="checkbox"/>
7. Other occupation (part time)	1 <input type="checkbox"/>	2 <input type="checkbox"/>
8. Employer reimbursement/ assistance	1 <input type="checkbox"/>	2 <input type="checkbox"/>
9. Loan	1 <input type="checkbox"/>	2 <input type="checkbox"/>
10. Personal savings	1 <input type="checkbox"/>	2 <input type="checkbox"/>
11. Spouse's, partner's or family support	1 <input type="checkbox"/>	2 <input type="checkbox"/>
12. Spouse's, partner's or family support from abroad	1 <input type="checkbox"/>	2 <input type="checkbox"/>
13. Other	1 <input type="checkbox"/>	2 <input type="checkbox"/>
14. Unknown	1 <input type="checkbox"/>	2 <input type="checkbox"/>



Module CAR

Career related experience and scientific productivity



CAR.1 Have you worked for any educational institution as a teacher between January 2003 and December 2005 ?

- 1 Yes 2 No → **SKIP TO CAR.3**

CAR.2 (IF YES) What was the proportion of teaching activities in the general scope of your professional occupation between January 2003 and December 2005?

Mark (X) where appropriate

- 1 less than 25% 2 25%-50% 3 50%-75% 4 75%-100%

***CAR.3 Were you working as a researcher on 31 December 2005?**

- 1 Yes → **SKIP TO CAR.7** 2 No

**NON-RESEARCHERS**

CAR.4 Why were you not working as a researcher on 31 December 2005?

Mark (X) all that apply

- 1 Not interested in research 2 Very limited job opportunities in research
 3 No career structure 4 Low remuneration
 5 Disadvantaged working conditions 6 Feeble public recognition of career in research
 7 Other | *Specify* → _____

CAR.5 Do you consider changing your current career into a research career in the next three years?

- 1 Yes 2 No

***CAR.6 Have you worked as a researcher earlier in your career?**

- 1 Yes 2 No → **SKIP THE REST OF THIS MODULE AND GO TO NEXT MODULE**

**RESEARCHERS (CURRENT AND FORMER)**

CAR.7 Why did you choose a research career?

Mark (X) all that apply

- 1 Creativity and innovativeness of work 2 Well paid job 3 Extra-salarial benefits
 4 Opportunities for advancement 5 Job security 6 Working conditions
 7 Degree of independence 8 Contribution to society 9 Other employment not available
 10 Research generally expected for career 11 Other | *Specify* → _____

***CAR.8 How long have you worked as a researcher?**

From: (year) To: (year)

If you have not worked as a researcher since 2003, please SKIP THE REST OF THIS MODULE and GO TO NEXT MODULE

***CAR.9 How many articles, (co)authored by you, have been published or accepted for publication in a refereed professional journal between January 2003 and December 2005?**

NUMBER OF ARTICLES

***CAR.10** How many books or monographs, (co)authored by you, have been published or accepted for publication between January 2003 and December 2005?

NUMBER OF BOOKS OR MONOGRAPHS

***CAR.11** Have you been named as an inventor on any application for a patent between January 2003 and December 2005?

1 Yes 1 No → *SKIP TO CAR.14*

***CAR.12 (IF YES)** How many patents have been granted to you as an inventor between January 2003 and December 2005?

NUMBER

***CAR.13** How many of your patents have resulted in commercialized products or processes or have been licensed between January 2003 and December 2005?

NUMBER

***CAR.14** Have you started up a company between January 2003 and December 2005?

1 Yes 2 No

CAR.15 Have you conducted mentorship programs or training programs between January 2003 and December 2005?

1 Yes 2 No

CAR.16 Have you supervised M.Sc. theses or Ph.D. theses between January 2003 and December 2005?

Mark (X) Yes or No for each item

	Yes	No
1. M.Sc. (lic.) theses	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2. Ph.D. (doctorate) theses	1 <input type="checkbox"/>	2 <input type="checkbox"/>

CAR.17 Have you cooperated with research groups outside the country between January 2003 and December 2005?

1 Yes 2 No



CURRENT EMPLOYMENT STATUS

***EMP.1 What was your employment status on 31 December 2005?**

- 1 Self-employed 2 Unemployed → *SKIP TO Past employment EMP.15*
 3 Paid employment 4 Inactive → *SKIP TO Past employment EMP.15*

EMP.2 Counting ALL jobs held on 31 December 2005, how many hours did you usually work during a typical week, including part-time, evening, weekend work?

number of hours per week

***EMP.3 Counting ALL jobs held in 2005, what was your GROSS ANNUAL SALARY for this year?**

Euro

***EMP.4 Please provide the details on all jobs you held on 31 December 2005**

PRESENT position 1 (PRINCIPAL job)	
Employed since	<input type="text"/> (year)
Name of employer	_____ nace code sector (<i>please use Annex 4 here</i>) <input type="text"/> number of workers (aproximately and limited to the activities in Belgium) <input type="text"/>
Location	City <input type="text"/> Postal code <input type="text"/> Country <input type="text"/>
Sector of employment	Mark ONLY one (X) 1 <input type="checkbox"/> Business sector 2 <input type="checkbox"/> Public sector 3 <input type="checkbox"/> International organisation (EU, NATO) 4 <input type="checkbox"/> Secondary education 5 <input type="checkbox"/> Higher Education 6 <input type="checkbox"/> Private non-profit sector (non-profit association, international association,...) 7 <input type="checkbox"/> Independent profession 8 <input type="checkbox"/> Other (specify)
Function	Using the OCCUPATIONS LIST (Annex 3), choose the code that BEST describes the work at this position CODE <input type="text"/>
Kind of work	Please be as specific as possible, including any area of specialisation (EXAMPLE: 'College professor – Electrical engineering' or 'Researcher – Nanotechnology') Describe your position: To wich scientific field belongs your job (<i>use Annex 1 for this</i>)? <input type="text"/> None <input type="checkbox"/> In your position, do you perform one or more of the following tasks (and, if yes, please indicate what percentage of your time you devote to these tasks)? 1. Performance of research yourself / supervision of research 1 <input type="checkbox"/> yes 2 <input type="checkbox"/> no % <input type="text"/> 2. Interpretation of research of others 1 <input type="checkbox"/> yes 2 <input type="checkbox"/> no % <input type="text"/> 3. Improvement of existing products / processes 1 <input type="checkbox"/> yes 2 <input type="checkbox"/> no % <input type="text"/> 4. Development of new products / processes 1 <input type="checkbox"/> yes 2 <input type="checkbox"/> no % <input type="text"/>

Type of position	Mark ONLY one (X) 1 <input type="checkbox"/> Permanent 2 <input type="checkbox"/> Temporary	Mark ONLY one (X) 1 <input type="checkbox"/> Full-time 2 <input type="checkbox"/> Part-time	<input type="checkbox"/> Postdoc
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PRESENT position 2 (SECOND job)

Employed since	<input type="text"/> (year)		
Name of employer	<input type="text"/> (optional) nace code sector (<i>please use Annex 4 here</i>) <input type="text"/> <input type="text"/> number of workers (aproximately and limited to the activities in Belgium) <input type="text"/>		
Location	City <input type="text"/> Postal code <input type="text"/> Country <input type="text"/>		
Sector of employment	Mark ONLY one (X) 1 <input type="checkbox"/> Business sector 2 <input type="checkbox"/> Public sector 3 <input type="checkbox"/> International organisation (EU, NATO) 4 <input type="checkbox"/> Secondary education 5 <input type="checkbox"/> Higher Education 6 <input type="checkbox"/> Private non-profit sector (non-profit association, international association,...) 7 <input type="checkbox"/> Independent profession 8 <input type="checkbox"/> Other (specify)		
Function	<i>Using the OCCUPATIONS LIST (Annex 3), choose the code that BEST describes the work at this position</i> CODE <input type="text"/> <input type="text"/> <input type="text"/>		
Kind of work	<i>Please be as specific as possible, including any area of specialisation (EXAMPLE: 'College professor – Electrical engineering' or 'Researcher – Nanotechnology')</i> Describe your position: To which scientific field belongs your job (<i>use Annex 1 for this</i>)? <input type="text"/> <input type="text"/> <input type="text"/> None <input type="checkbox"/> In your position, do you perform one or more of the following tasks (and, if yes, please indicate what percentage of your time you devote to these tasks)? 1. Performance of research yourself / supervision of research 1 <input type="checkbox"/> yes 2 <input type="checkbox"/> no % <input type="text"/> 2. Interpretation of research of others 1 <input type="checkbox"/> yes 2 <input type="checkbox"/> no % <input type="text"/> 3. Improvement of existing products / processes 1 <input type="checkbox"/> yes 2 <input type="checkbox"/> no % <input type="text"/> 4. Development of new products / processes 1 <input type="checkbox"/> yes 2 <input type="checkbox"/> no % <input type="text"/>		
Type of position	Mark ONLY one (X) 1 <input type="checkbox"/> Permanent 2 <input type="checkbox"/> Temporary	Mark ONLY one (X) 1 <input type="checkbox"/> Full-time 2 <input type="checkbox"/> Part-time	<input type="checkbox"/> Postdoc



PRINCIPAL JOB

EMP.5 What was the DESIRABLE qualification required for the PRINCIPAL JOB you held on 31 December 2005?

Mark (X) ONLY one

- 1 Master (lic.) 2 Teacher training (aggr.) 3 Post-graduate
 4 Doctorate / PhD 5 Postdoc 6 Other | *specify*

→ _____

EMP.6 What was the MINIMUM qualification required for this job?

Mark (X) ONLY one

- 1 Master (lic.) 2 Teacher training (aggr.) 3 Post-graduate
 4 Doctorate / PhD 5 Postdoc 6 Other | *specify*

→ _____

***EMP.7 To what extent was your work on this job related to your doctoral degree?**

Mark (X) ONLY one

- 1 Closely related 2 Partly related 3 Not related

EMP.8 If the PRINCIPAL JOB you held on 31 December 2005 was a part-time job, were you searching for a full-time job?

- 1 Yes 2 No 3 Not applicable

***EMP.9 Please rate your satisfaction with that job...**

Mark (X) ONLY one for each item

	Very Satisfied	Somewhat Satisfied	Somewhat Dissatisfied	Very Dissatisfied
1. Salary	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
2. Extra-salarial benefits	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
3. Job security	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
4. Job location	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
5. Working conditions	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
6. Career possibilities	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
7. Intellectual challenge	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
8. Level of responsibility	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
9. Degree of independence	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
10. Contribution to society	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
11. Social status	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>

EMP.10 Was the PRINCIPAL JOB you held on 31 December 2005 a permanent or a temporary position?

- 1 Permanent 2 Temporary → SKIP TO EMP.12

EMP.11 (IF PERMANENT) How much time has the transition from temporary to permanent position taken (if applicable)?

↓ MONTHS (Round to whole months)



POSTDOC

EMP.12 Was the principal job you held on 31 December 2005 a POSTDOC position?

- 1 Yes 2 No → SKIP TO Past employment EMP.15

EMP.13 (IF YES) What were your reasons for taking this POSTDOC?

Mark (X) Yes or No for each item

	Yes	No
1. Additional training in PhD field	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2. Training in an area outside of PhD field	1 <input type="checkbox"/>	2 <input type="checkbox"/>
3. Work with a specific person or in a specific place	1 <input type="checkbox"/>	2 <input type="checkbox"/>
4. Other employment not available	1 <input type="checkbox"/>	2 <input type="checkbox"/>
5. Post-doc generally expected for career in this field	1 <input type="checkbox"/>	2 <input type="checkbox"/>
6. Other Specify	1 <input type="checkbox"/>	2 <input type="checkbox"/>

EMP.14 What were the main sources of financial support for this POSTDOC?

Mark (X) all that apply

- 1 Government / governmental institutions 2 Industry/Business 3 University / polytechnic
 4 Private foundation 5 Non-profit, other than private foundation
 6 International institutions / organisations
 7 Other | Specify _____



PAST EMPLOYMENT

***EMP.15 Please list your past employers for the last 10 years in inverse chronological order (your most recent jobs first).**

Previous position 1										
Dates of employment	From: <input type="text"/> year To: <input type="text"/> year									
Name of employer	<input type="text"/> (optional) nace code sector (<i>please use Annex 4 here</i>) <input type="text"/> <input type="text"/> number of workers (approximately ant limited to the activities in Belgium) <input type="text"/>									
Location	City <input type="text"/> Postal code <input type="text"/> Country <input type="text"/>									
Sector of employment	Mark (X) ONLY one 1 <input type="checkbox"/> Business sector 2 <input type="checkbox"/> Public sector 3 <input type="checkbox"/> International organisation (EU, NATO) 4 <input type="checkbox"/> Secondary education 5 <input type="checkbox"/> Higher Education 6 <input type="checkbox"/> Private non-profit sector (non-profit association, international association,...) 7 <input type="checkbox"/> Independent profession 8 <input type="checkbox"/> Other (specify)									
Occupation	Using the OCCUPATIONS LIST (Annex 3), choose the code that BEST describes the work at this position. CODE <input type="text"/> <input type="text"/> <input type="text"/>									
Kind of work	Please be as specific as possible, including any area of specialization (EXAMPLE: 'College professor - Electrical engineering' or 'Researcher- Nanotechnology') Describe your position:									
Type of position	<table border="0"> <tr> <td style="text-align: center;">Mark (X) ONLY one</td> <td style="text-align: center;">Mark (X) ONLY one</td> <td></td> </tr> <tr> <td>1 <input type="checkbox"/> Permanent</td> <td>1 <input type="checkbox"/> Full-time</td> <td><input type="checkbox"/> Postdoc</td> </tr> <tr> <td>2 <input type="checkbox"/> Temporary</td> <td>2 <input type="checkbox"/> Part-time</td> <td></td> </tr> </table>	Mark (X) ONLY one	Mark (X) ONLY one		1 <input type="checkbox"/> Permanent	1 <input type="checkbox"/> Full-time	<input type="checkbox"/> Postdoc	2 <input type="checkbox"/> Temporary	2 <input type="checkbox"/> Part-time	
Mark (X) ONLY one	Mark (X) ONLY one									
1 <input type="checkbox"/> Permanent	1 <input type="checkbox"/> Full-time	<input type="checkbox"/> Postdoc								
2 <input type="checkbox"/> Temporary	2 <input type="checkbox"/> Part-time									
Reasons for having left	<input type="text"/> <input type="text"/> <input type="text"/>									

Previous position 2	
Dates of employment	From: <input type="text"/> year To: <input type="text"/> year
Name of employer	<input type="text"/> (optional) nace code sector (<i>please use Annex 4 here</i>) <input type="text"/> <input type="text"/> number of workers (approximately ant limited to the activities in Belgium) <input type="text"/>
Location	City <input type="text"/> Postal code <input type="text"/> Country <input type="text"/>
Sector of employment	Mark (X) ONLY one 1 <input type="checkbox"/> Business sector 2 <input type="checkbox"/> Public sector 3 <input type="checkbox"/> International organisation (EU, NATO) 4 <input type="checkbox"/> Secondary education 5 <input type="checkbox"/> Higher Education 6 <input type="checkbox"/> Private non-profit sector (non-profit association, international association,...) 7 <input type="checkbox"/> Independent profession 8 <input type="checkbox"/> Other (specify)
Occupation	Using the OCCUPATIONS LIST (Annex 3), choose the code that BEST describes the work at this position. CODE <input type="text"/> <input type="text"/> <input type="text"/>
Kind of work	Please be as specific as possible, including any area of specialization (EXAMPLE: 'College professor - Electrical engineering' or 'Researcher- Nanotechnology') Describe your position:

Type of position	Mark (X) ONLY one 1 <input type="checkbox"/> Permanent 2 <input type="checkbox"/> Temporary	Mark (X) ONLY one 1 <input type="checkbox"/> Full-time 2 <input type="checkbox"/> Part-time	<input type="checkbox"/> Postdoc
Reasons for having left	<hr/> <hr/> <hr/>		

Previous position 3

Dates of employment	From: <input type="text"/> year To: <input type="text"/> year		
Name of employer	<input type="text"/> (optional) nace code sector (<i>please use Annex 4 here</i>) <input type="text"/> <input type="text"/> number of workers (approximately and limited to the activities in Belgium) <input type="text"/>		
Location	City <input type="text"/>	Postal code <input type="text"/>	Country <input type="text"/>
Sector of employment	Mark (X) ONLY one 1 <input type="checkbox"/> Business sector 2 <input type="checkbox"/> Public sector 3 <input type="checkbox"/> International organisation (EU, NATO) 4 <input type="checkbox"/> Secondary education 5 <input type="checkbox"/> Higher Education 6 <input type="checkbox"/> Private non-profit sector (non-profit association, international association,...) 7 <input type="checkbox"/> Independent profession 8 <input type="checkbox"/> Other (specify)		
Occupation	<i>Using the OCCUPATIONS LIST (Annex 3), choose the code that BEST describes the work at this position.</i> CODE <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		
Kind of work	<i>Please be as specific as possible, including any area of specialization (EXAMPLE: 'College professor - Electrical engineering' or 'Researcher- Nanotechnology')</i> Describe your position:		
Type of position	Mark (X) ONLY one 1 <input type="checkbox"/> Permanent 2 <input type="checkbox"/> Temporary	Mark (X) ONLY one 1 <input type="checkbox"/> Full-time 2 <input type="checkbox"/> Part-time	<input type="checkbox"/> Postdoc
Reasons for having left	<hr/> <hr/> <hr/>		

If you have done more jobs, please continue this list in a separate page.



UNEMPLOYED OR INACTIVE PERSONS

EMP.16 Were you unemployed or inactive on 31 December 2005?

1 Yes 2 No → *SKIP THE REST OF THIS MODULE AND GO TO <NEXT MODULE>*

EMP.17 Were you available for work during the four weeks preceding 31 December 2005?

1 Yes 2 No → *SKIP TO EMP.20*

EMP.18 (IF YES) Were you searching for a job during the four weeks preceding 31 December 2005?

1 Yes 2 No → *SKIP TO EMP.20*

EMP.19 (IF YES) Which steps had you taken to find a job during the four weeks preceding 31 December 2005?

<i>Mark (X) Yes or No for each item</i>	Yes	No
1. Having been in contact with a public or private agency to find a job	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2. Applying to employers directly	1 <input type="checkbox"/>	2 <input type="checkbox"/>
3. Placing or answering newspaper advertisements	1 <input type="checkbox"/>	2 <input type="checkbox"/>
4. Checking at worksites, farms, factory gates or other assembly places	1 <input type="checkbox"/>	2 <input type="checkbox"/>
5. Seeking assistance of friends or relatives	1 <input type="checkbox"/>	2 <input type="checkbox"/>
6. Looking for land, building, machinery or equipment to establish own enterprise	1 <input type="checkbox"/>	2 <input type="checkbox"/>
7. Taking a recruitment test or being interviewed	1 <input type="checkbox"/>	2 <input type="checkbox"/>
8. Applying for permit, licences or financial resources	1 <input type="checkbox"/>	2 <input type="checkbox"/>
9. Other <i>Specify</i>	1 <input type="checkbox"/>	2 <input type="checkbox"/>

→ *SKIP THE REST OF THIS MODULE AND GO TO NEXT MODULE*

EMP.20 What were the reasons that you were not available for work or were not looking for a job during the four weeks preceding 31 December 2005?

<i>Mark (X) Yes or No for each item</i>	Yes	No
1. Own illness or disability	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2. Caring for own children	1 <input type="checkbox"/>	2 <input type="checkbox"/>
3. Caring for other relative	1 <input type="checkbox"/>	2 <input type="checkbox"/>
4. Other personal or family responsibilities	1 <input type="checkbox"/>	2 <input type="checkbox"/>
5. Retirement	1 <input type="checkbox"/>	2 <input type="checkbox"/>
6. Attendance at educational institution	1 <input type="checkbox"/>	2 <input type="checkbox"/>
7. Belief that no work is available	1 <input type="checkbox"/>	2 <input type="checkbox"/>
8. Do not need or want to work	1 <input type="checkbox"/>	2 <input type="checkbox"/>
9. Other - Specify	1 <input type="checkbox"/>	2 <input type="checkbox"/>





Module MOB

International mobility



***MOB.1 List the countries in which you have lived between January 1996 and December 2005 and indicate the period of residency. (Include Belgium)**

Country	Period of residency			
	From:		To:	
	Month	Year	Month	Year
BELGIUM <i>If you only lived in Belgium, SKIP TO MOB.6</i>				

If you need more lines, please continue this list on an extra page.

***MOB.2 If you moved out of Belgium between January 1996 and December 2005, please indicate the reasons for this decision.**

Not applicable

Mark (X) Yes or No for each item

	Yes	No
1. Completion of doctorate outside of Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2. Postdoc offer outside of Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
3. End of postdoc in Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
4. Mission of employer outside of Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
5. End of employment contract in Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
6. Job offer	1 <input type="checkbox"/>	2 <input type="checkbox"/>
7. Better paid job	1 <input type="checkbox"/>	2 <input type="checkbox"/>
8. Job search	1 <input type="checkbox"/>	2 <input type="checkbox"/>
9. Guarantee or ease to find a job	1 <input type="checkbox"/>	2 <input type="checkbox"/>
10. Bigger access to publishing	1 <input type="checkbox"/>	2 <input type="checkbox"/>
11. Development or continuity of thesis theme	1 <input type="checkbox"/>	2 <input type="checkbox"/>
12. Work in a specific area not existent inside Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
13. Possibility of creation of own research team	1 <input type="checkbox"/>	2 <input type="checkbox"/>
14. Possibility to create a new research area	1 <input type="checkbox"/>	2 <input type="checkbox"/>
15. Family or personal reasons	1 <input type="checkbox"/>	2 <input type="checkbox"/>
16. Other - Specify	1 <input type="checkbox"/>	2 <input type="checkbox"/>

***MOB.3 If you moved into Belgium between January 1996 and December 2005, please indicate the reasons for this decision.**

Not applicable

Mark (X) Yes or No for each item

	Yes	No
1. Completion of doctorate in Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2. End of doctorate abroad (homeland for ex.)	1 <input type="checkbox"/>	2 <input type="checkbox"/>
3. End of postdoc abroad	1 <input type="checkbox"/>	2 <input type="checkbox"/>
4. End of job contract abroad	1 <input type="checkbox"/>	2 <input type="checkbox"/>
5. Sent by employer abroad	1 <input type="checkbox"/>	2 <input type="checkbox"/>
6. Postdoc offer in Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
7. Job offer	1 <input type="checkbox"/>	2 <input type="checkbox"/>
8. Better paid job	1 <input type="checkbox"/>	2 <input type="checkbox"/>
9. Job search	1 <input type="checkbox"/>	2 <input type="checkbox"/>
10. Guarantee or ease to find a job	1 <input type="checkbox"/>	2 <input type="checkbox"/>

11. Bigger access to publishing	1 <input type="checkbox"/>	2 <input type="checkbox"/>
12. Development or continuity of thesis theme	1 <input type="checkbox"/>	2 <input type="checkbox"/>
13. Work in a specific area not existent inside your country	1 <input type="checkbox"/>	2 <input type="checkbox"/>
14. Possibility of creation of own research team	1 <input type="checkbox"/>	2 <input type="checkbox"/>
15. Possibility to create a new research area	1 <input type="checkbox"/>	2 <input type="checkbox"/>
16. Family or personal reasons	1 <input type="checkbox"/>	2 <input type="checkbox"/>
17. Refugee	1 <input type="checkbox"/>	2 <input type="checkbox"/>
18. Economical/political reason	1 <input type="checkbox"/>	2 <input type="checkbox"/>
19. Other-Specify	1 <input type="checkbox"/>	2 <input type="checkbox"/>

***MOB.4 If you moved into Belgium and plan to leave, indicate how long you plan to stay in Belgium**

Not applicable

PLANNED TOTAL LENGTH OF STAY Months

MOB.5 Are you still linked to your country of origin? (if applicable)?

Mark (X) Yes or No for each item

	Yes	No
1. You keep in touch with official "Diaspora" networks	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2. You have a wide informal network formed by friends/ acquaintances / colleagues from your country of origin	1 <input type="checkbox"/>	2 <input type="checkbox"/>
3. You are available for various possible linkage mechanisms (visits, training, joint projects, mentoring, fundraising)	1 <input type="checkbox"/>	2 <input type="checkbox"/>

***MOB.6 Do you intend to move out of Belgium within the next year?**

1 Yes, Permanently

2 Yes, Temporarily

3 No → **SKIP THE REST OF THIS MODULE AND GO TO NEXT MODULE**

***MOB.7 (IF YES) Indicate the reasons for this decision?**

Mark (X) Yes or No for each item

	Yes	No
1. End of postdoc in Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2. End of job contract in Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
3. Mission by employer outside of Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
4. Postdoc offer	1 <input type="checkbox"/>	2 <input type="checkbox"/>
5. Job offer	1 <input type="checkbox"/>	2 <input type="checkbox"/>
6. Better paid job	1 <input type="checkbox"/>	2 <input type="checkbox"/>
7. Job search	1 <input type="checkbox"/>	2 <input type="checkbox"/>
8. Guarantee or ease to find a job	1 <input type="checkbox"/>	2 <input type="checkbox"/>
9. Bigger access to publishing	1 <input type="checkbox"/>	2 <input type="checkbox"/>
10. Development or continuity of thesis theme	1 <input type="checkbox"/>	2 <input type="checkbox"/>
11. Work in a specific area not existent inside Belgium	1 <input type="checkbox"/>	2 <input type="checkbox"/>
12. Possibility of creation of own research team	1 <input type="checkbox"/>	2 <input type="checkbox"/>
13. Possibility to create a new research area	1 <input type="checkbox"/>	2 <input type="checkbox"/>
14. Family or personal reasons	1 <input type="checkbox"/>	2 <input type="checkbox"/>
15. Other-Specify	1 <input type="checkbox"/>	2 <input type="checkbox"/>

***MOB.8 In what country do you intend to live within the next year?**

Country

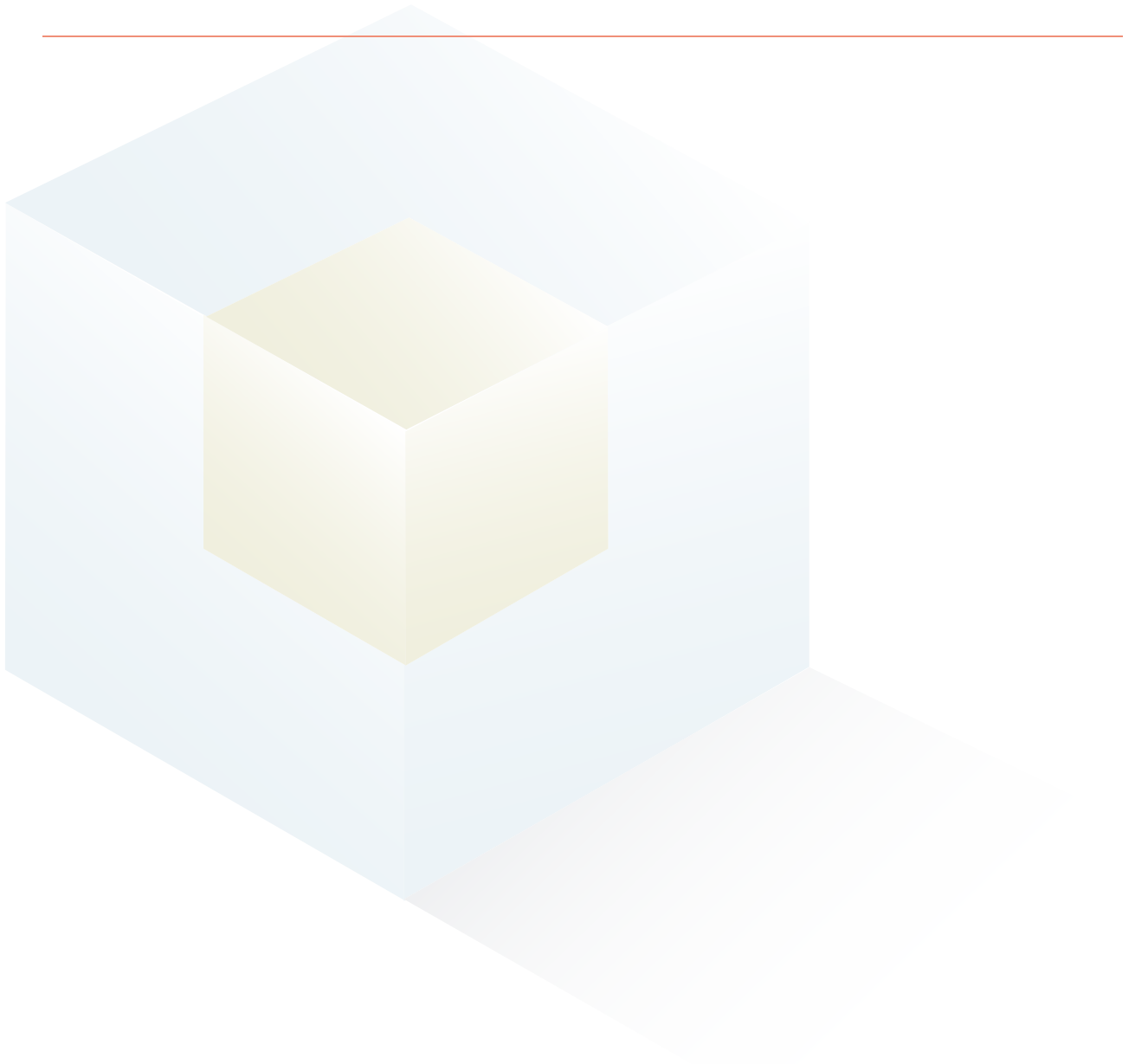


THANK YOU FOR COMPLETING THE QUESTIONNAIRE



COMMENTS ABOUT THIS SURVEY

If you have comments or particular questions, please indicate the question number, why you had trouble answering the question and any suggestions as to how the question could be improved.





ANNEX 1: FIELDS OF SCIENCE

INSTRUCTIONS: The following list is to be used in responding to items ED.2 and EMP.4

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)

ENGINEERING AND TECHNOLOGY

- 1.7 Civil engineering
- 1.8 Mechanical engineering
- 1.9 Chemical engineering
- 1.10 Materials engineering
- 1.11 Electrical and electronic engineering
- 1.12 Medical engineering
- 1.13 Environmental engineering
- 1.14 Biotechnology
- 1.15 Nanotechnology
- 1.16 Other engineering and technologies (not elsewhere classified)

MEDICAL SCIENCES

- 1.17 Basic medicine
- 1.18 Clinical medicine
- 1.19 Health sciences
- 1.20 Other medical sciences (residual use only)

AGRICULTURAL SCIENCES

- 1.21 Agriculture, forestry and fisheries
- 1.22 Animal and dairy science
- 1.23 Other agricultural sciences (not elsewhere classified)

SOCIAL SCIENCES

- 1.24 Psychology
- 1.25 Education
- 1.26 Sociology
- 1.27 Economics and business
- 1.28 Law, political science, regional studies and journalism
- 1.29 Other social sciences (not elsewhere classified)

HUMANITIES

- 1.30 Philosophy, ethics and religion
- 1.31 History and Archaeology
- 1.32 Languages and literature
- 1.33 Art (arts, history of arts, performing arts, music)
- 1.34 Other humanities (not elsewhere classified)



ANNEX 2: FIELDS OF STUDY (ISCED-1997)

INSTRUCTIONS: The following list is to be used in responding to item REC.2. The titles in bold are broad fields of study categories. To make sure you have found the BEST code, please review ALL broad categories before making your choice.

GENERAL PROGRAMMES

- 01 Basic programmes
- 08 Literacy and numeracy
- 09 Personal development

EDUCATION

- 14 Teacher training and education sciences

HUMANITIES AND ARTS

- 21 Arts
- 22 Humanities

SOCIAL SCIENCES, BUSINESS AND LAW

- 31 Social and behavioural science
- 32 Journalism and information
- 34 Business and administration
- 38 Law

SCIENCE

- 42 Life science
- 44 Physical sciences

46 Mathematics and statistics
48 Computing

ENGINEERING, MANUFACTURING AND CONSTRUCTION

52 Engineering and engineering trades
54 Manufacturing and processing
58 Architecture and building

AGRICULTURE

62 Agriculture, forestry and fishery
64 Veterinary

HEALTH AND WELFARE

72 Health
76 Social services

SERVICES

81 Personal services
84 Transport services
85 Environmental protection
86 Security services

NOT KNOWN OR UNSPECIFIED

(This category is not part of the classification itself but in data collection "99" is needed for 'fields of education not known or unspecified')



ANNEX 3: OCCUPATIONS (ISCO-88)

INSTRUCTIONS:

The following list is to be used in responding to items EMP.4 and EMP.15

ISCO-88

ISCO-88 code	ISCO-88 title
100	LEGISLATORS, SENIOR OFFICIALS AND MANAGERS
200	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
230	Teaching professionals
231	College, university and higher education teaching professionals
232	Secondary education teaching professionals
233	Primary and primary education teaching professionals
234	Special education teaching professionals
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
300	Technicians and associate professionals
400	Clerks
500	Service workers and shop and market sales workers
600	Skilled agricultural and fishery workers
700	Craft and related trades workers
800	Plant and machine operators and assemblers
900	Elementary occupations
000	Armed forces



Annex 4 : NACE (nomenclature of economic activities)

INSTRUCTIONS : the following list is to be used in responding to the items EMP.4 and EMP.15 ; please chose a number from the centre column.

	chose here	NACE
		Division/Group/Class
AGRICULTURE, HUNTING, FORESTRY AND FISHING	1	01, 02, 05
MINING AND QUARRYING	2	10, 11, 12, 13, 14
MANUFACTURING	3	15-37
Food, beverages and tobacco	4	15+16
Food products and beverages	5	15
Tobacco products	6	16
Textiles, fur and leather	7	17+18+19
Textiles	8	17
Wearing apparel and fur	9	18
Leather products and footwear	10	19
Wood, paper, printing, publishing	11	20+21+22
Wood and cork (not furniture)	12	20
Paper and paper products	13	21
Publishing, printing and reproduction of recorded media	14	22
Coke, petroleum, nuclear fuel, chemicals and products, rubber and plastics	15	23 + 24 + 25
Coke, refined petroleum products and nuclear fuel	16	23
<i>Coke and nuclear fuel</i>	17	23 (moins 23.2)
<i>Refined pretroleum products</i>	18	23.2
Chemicals and chemical products	19	24
<i>Chemicals and chemical products (less pharmaceuticals)</i>	20	24 (moins 24.4)
<i>Pharmaceuticals</i>	21	24.4
Rubber and plastics products	22	25
Non-metallic mineral products	23	26
Basic metals	24	27
<i>Basic metals, iron and steel</i>	25	27.1-27.3+27.51/52
<i>Basic metals, non ferrous</i>	26	27.4+27.53/54
Fabricated metal products, machinery and equipement, instruments and transport	27	28-35
Fabricated metal products, except machinery and equipment	28	28
Machinery and equipment, n.e.c..	29	29
<i>Engines and turbines, except aircraft, vehicle and cycle</i>	30	29.11
<i>Special purpose machinery</i>	31	29.3+ 29.4 + 29.5 + 29.6
	32	
<i>Machine-tools</i>	32	29.4
<i>Weapons and ammunition</i>	33	29.6
Office, accounting and computing machinery	34	30
E lectrical machinery and apparatus n.e.c.	35	31
<i>Electrical motors, generators and transformers</i>	36	31.1
<i>Electricity distribution and control apparatus (includes semiconductors)</i>	37	31.2

<i>Insulated wire and cable (includes optic fibre cables)</i>	38	31.3
<i>Accumulators, primary cells and primary batteries</i>	39	31.4
<i>Electric lamps and lighting</i>	40	31.5
<i>Other electrical equipment n.e.c.</i>	41	31.6
Radio, television and communication equipment and apparatus	42	32
<i>Electronic valves, tubes and components</i>	43	32.1
<i>TV, radio transmitters and line apparatus</i>	44	32.2
<i>TV and radio receivers, sound and video goods</i>	45	32.3
Medical, precision and optical instruments, watches and clocks (instruments)	46	33.1+33.2+33.3
<i>Medical appliances, instruments and control equipment</i>	47	33.1
<i>Instruments and appliances for measuring, checking, testing, navigating and other purposes, except industrial process control equipment</i>	48	33.2
<i>Industrial process control equipment</i>	49	33.3
<i>Optical instruments and photographic equipment</i>	50	33.4
<i>Watches and clocks</i>	51	33.5
Motor vehicles, trailers and semi-trailers	52	34
Other transport equipment	53	35
<i>Ships and boats</i>	54	35.1
<i>Railway and tramway locomotives and rolling stock</i>	55	35.2
<i>Aircraft and spacecraft</i>	56	35.3
<i>Transport equipment n.e.c.</i>	57	35.4+35.5
Furniture; other manufacturing n.e.c.	58	36
<i>Furnitures</i>	59	36.1
<i>Other manufacturing n.e.c.</i>	60	36.2-36.5
Recycling	61	37
ELECTRICITY, GAS AND WATER SUPPLY	62	40,41
CONSTRUCTION	63	45
SERVICES SECTOR	64	50-99
Wholesale, retail trade and motor vehicle repair	65	50,51,52
Hotels and restaurants	66	55
Transport, storage and communications	67	60,61,62,63,64
<i>Telecommunication</i>	68	64.2
Financial intermediation (includes insurance)	69	65,66,67
Real estate, renting and business activities	70	70,71,72,73,74
<i>Renting of office machinery and equipment (including computers)</i>	71	71.33
Computer and related activities	72	72
<i>Software consultancy and supply</i>	73	72.2
Research and development	74	73
Other business activities	75	74
<i>Architectural, engineering and other technical activities</i>	76	74.2+74.3
Community, social and personal service activities, etc.	77	75-99