

PhD Degree

Doctoral School: **ECONOMIC, LAW, POLITICAL AND
MANAGEMENT SCIENCES**

The situation of our doctors, and more specifically, their professional integration, was observed on December 1st 2017, one year after the date of their defense, and on December 1st 2019, three years after their defense. This study was carried out using a questionnaire designed by the Ministry of Higher Education, Research and Innovation (MESRI), which oversees all French universities.

Number of PhD holders surveyed: **19**

Number of respondents: **14**

Response rate: **74%**

Contents

- 1 - Profile of respondents
- 2 - Studies before PhD program
- 3 - PhD program
- 4 - Situation of PhD holders on December 1st 2019

1 - Profile of respondents

► All PhD holders

Sex	N		%	
	N	%	N	%
Female	6	32%		
Male	13	68%		
Total	19	100%		

Nationality	N		%	
	N	%	N	%
French	8	42%		
Foreign	11	58%		
Total	19	100%		

Age
Average = 35 years Standard deviation = 8

	N	%
Under 24 years	0	0%
24 to 29 years	6	32%
30 to 34 years	6	32%
35 to 39 years	3	16%
40 to 44 years	2	11%
45 years and over	2	11%
Total	19	100%

► Responding PhD holders

Sex	N		%	
	N	%	N	%
Female	5	36%		
Male	9	64%		
Total	14	100%		

Nationality	N		%	
	N	%	N	%
French	8	57%		
Foreign	6	43%		
Total	14	100%		

Age
Average = 33 years Standard deviation = 8

	N	%
Under 24 years	0	0%
24 to 29 years	6	43%
30 to 34 years	4	29%
35 to 39 years	2	14%
40 to 44 years	1	7%
45 years and over	1	7%
Total	14	100%

NOTE : The profile of respondents is similar to that of the PhD holders surveyed, with the exception of foreign doctors, who are under-represented among the respondents.

2 - Studies before PhD program

► Last degree(s) awarded before PhD program

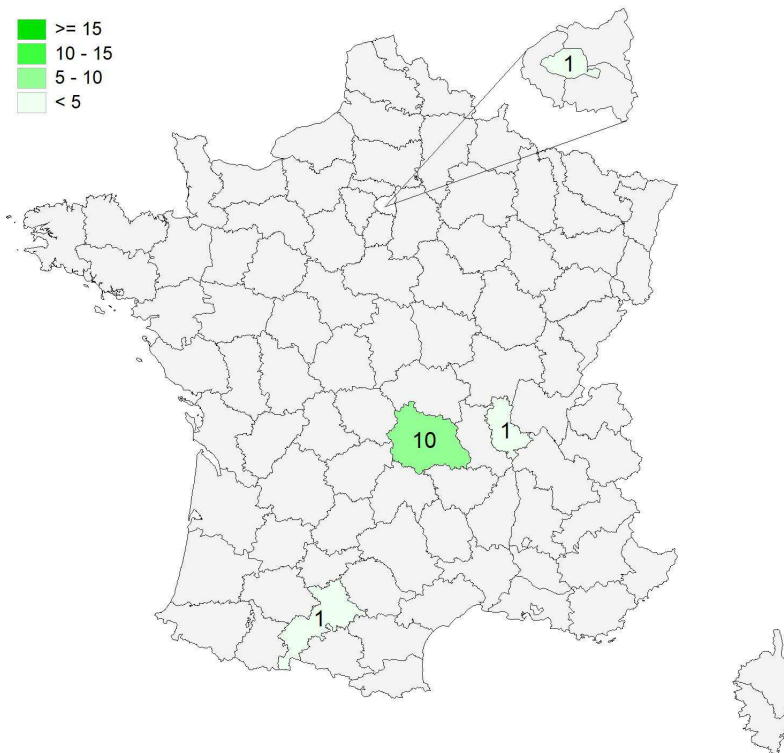
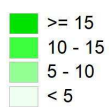
	N	
A Master's degree or equivalent	13	93%
A degree in Management or Commerce	2	14%
A Validation of Professional Accomplishments (VAP)	0	0%
An Engineering degree	0	0%
A Medical, Pharmacy or Veterinary degree	0	0%
Another degree giving the rank of Master	0	0%
A PhD degree other than the last one awarded	0	0%

Response rate: 100%

► Location of last degree received

21% of doctors received their last degree from another institution than UCA.

Numbers



Geographical distribution

Auvergne-Rhône-Alpes	11	85%
Ile-de-France	1	8%
Other department in mainland France	1	8%
Abroad	0	0%

Response rate: 89%

► Professional status before receiving PhD

- 8 doctors were employed before the PhD program.
- At enrollment, 7 doctors had a job unrelated to their PhD project, of whom 4 held onto the job during the program.

3 - PhD program

► PhD Specialization

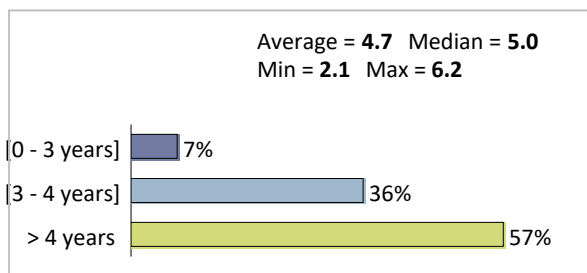
	Female	Male	Total
Private Law and Crime Science	2	1	3
Public Law	-	2	2
Management Science	-	3	3
Economics	3	3	6
Total	5	9	14

Response rate: 100%

► Dual-Degree Thesis Program

No doctor was awarded a dual-degree.

► Duration of PhD program*



Response rate: 100%

► PhD funding

	N	Percentage
Personal resources	9	64%
Specific funding	6	43%
Job unrelated to PhD project	5	36%
ATER position	2	14%
No funding	0	0%
Total	14	

Response rate: 100%

Sources of specific funding

	N	Percentage
State funding	2	50%
Regional government	1	25%
CIFRE	1	25%
European Commission Funding	0	0%
French public research funding agencies	0	0%
Both private and public funding (excluding CIFRE)	0	0%
Private funding from French-based organization	0	0%
Foreign funding	0	0%

Response rate: 29%

PhD funding contract types

	N	Percentage
Doctoral	3	50%
Scholarship	1	17%
Permanent job	1	17%
Temporary job	1	17%

Includes concurrent contracts (e.g. temp. + schol.)

Response rate: 43%

*Deviation between the defense date and the registration date in number of years

► Career Plan

	N	
Teaching or research in a public or private institution of higher education	7	50%
Working in a company excluding R&D	2	14%
Pursuing or progressing in job held before PhD	2	14%
Other	1	7%
Working in public research	1	7%
Creating a company	1	7%
None	0	0%
Career change	0	0%
Working in R&D at a company	0	0%
Working in the public sector excluding research and higher education	0	0%
Total	14	

Response rate: 100%

► CNU Qualification (National Council of Universities)

8 doctors applied for a CNU qualification. 3 of them received the qualification.

	Female	Male	Total
Received CNU qualification	-	3	3
Applied, awaiting response	1	2	3
Did not receive CNU qualification	1	1	2
Did not apply	3	3	6
Total	5	9	14

Response rate: 100%

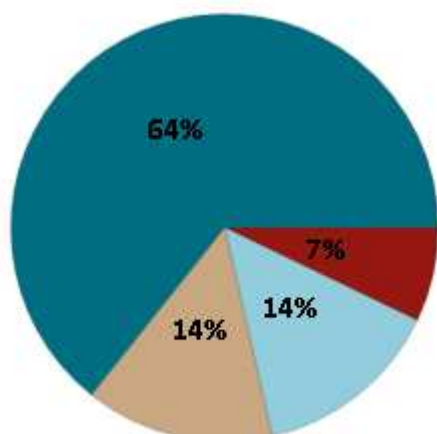
► Continuing studies

2 doctors enrolled in a program or a civil service exam after their PhD.

	Male	Female	Total
Master, Engineering degree or equivalent	-	1	1
Other: professional certifications (IT, TOEIC, TOEFL, etc.)	-	1	1
Total	0	2	2

Response rate: 100%

Situation of PhD holders on December 1st 2019



	Female	Male	Total
Employed	3	6	9
Employed after 1/12/2019	1	1	2
Job Seeker	-	1	1
Other	1	1	2
Total	5	9	14

► 9 of the doctors from the class of 2018 were employed on December 1st 2019.

► 1 PhD holder who had already worked had been seeking employment for the past 9 months.

He was seeking employment in the following fields:

Consulting, studies, expertise	1
Research valorization and assistance, innovation	1
Higher education and research	1
Research and development	1

He was seeking employment in the following locations:

His department of residence	1
Abroad	0
In their region or neighboring departments	0
Everywhere in France	0

► 2 PhD holders were in another situation on December 1st 2019. One is awaiting his visa, the other did not give any further information.

KEY FIGURES

Employment rate ⁽¹⁾ (1)	Cadre rate ⁽²⁾ (2)	Employed PhD holders					Other key figures	
		Contract Type			Sector		Median time spent before 1st job ⁽⁸⁾	Median gross salary ⁽⁸⁾
		Permanent ⁽³⁾	Post-doctoral contracts ⁽⁴⁾	Other contracts ⁽⁵⁾	Research ⁽⁶⁾	Not research ⁽⁷⁾		
9 / 10	9 / 9	4 / 9	0 / 9	5 / 9	2 / 8	6 / 8	< 1 months	€2,509

(1) Number of employed PhD holders / (Number of employed PhD holders + Number of job seeking PhD holders)

(2) Cadres of the following categories: civil servant, administrative, IT, company head, accredited profession, higher education teachers and scientific professions, secondary and school teachers

(3) Number of PhD holders with a stable contract: permanent, civil servant, company head, accredited profession / Number of employed PhD holders

(4) Number of PhD holders with a post-doctoral contract / Number of employed PhD holders

(5) Number of employed PhD holders with another contract: temporary, interim, adjunct position, ATER / Number of employed PhD holders

(6) Number of employed PhD holders in a company working in research / Number of employed PhD holders

(7) Number of employed PhD holders in a company not working in research / Number of employed PhD holders

(8) Median=value separating the top 50% of respondents and the 50% bottom respondents

Employment held on December 1st 2019

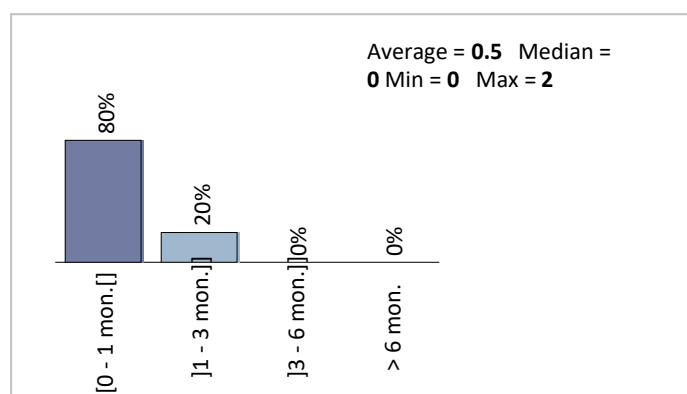
Current employment contract type

	Female	Male	Total
Permanent	-	4	4
Temporary (excl. post-doctoral)	2	2	4
Post-doctoral contract	-	-	0
ATER position	1	-	1
Adjunct position	-	-	0
Other	-	-	0
Total	3	6	9

Response rate: 100%

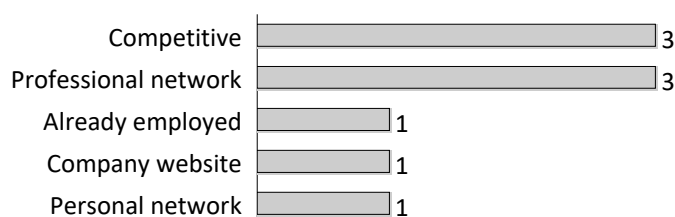
- ▶ 8 of PhD holders were still working at the first job obtained after their PhD defense.
- ▶ 8 PhD holders worked full-time and 1 worked part-time.
- ▶ Temporary contracts varied between 12 and 36 months, with the median duration being 24 months.
- ▶ 4 out of 9 PhD holders had a stable job.

Time spent before 1st job



Response rate: 100%

Method of finding current job



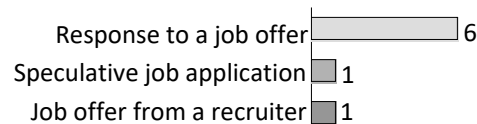
Response rate: 100%

Skills required for job

Skill	N	Percentage
International work	3	75%
Staff management	1	25%
Project management	1	25%
Budget management	0	0%

Response rate: 44%

Method of applying for current job



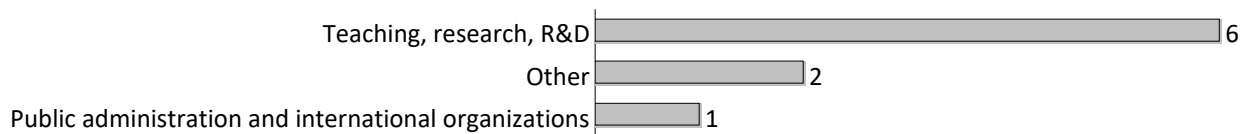
Response rate: 89%

Functions held at current job

Function	N	Percentage
Higher education and research	4	50%
Consulting, analysis, expertise	2	25%
Research and Development	2	25%
Teaching (excluding higher education and research)	1	13%
Artistic creation	0	0%
Research valorization and assistance, innovation	0	0%
Steering or managing projects or teams, public policy	0	0%
Mediation, communication and scientific journalism	0	0%
Health	0	0%

Response rate: 89%

Employment by activity sector



Response rate: 100%

Company categories

	N	%
Civil service	6	67%
Individual with an accredited or independent profession	1	11%
Private company	1	11%
International organization or non-EU organization	1	11%
Your own	-	0%
Public company	-	0%
A non-profit association or organization	-	0%
Other	-	0%
Total	9	100%

Response rate: 100%

Company size

	N	%
0 employees	0	0%
1-9 employees	0	0%
10-249 employees	6	67%
250-4,999 employees	3	33%
>5,000 employees	0	0%
Total	9	

Response rate: 100%

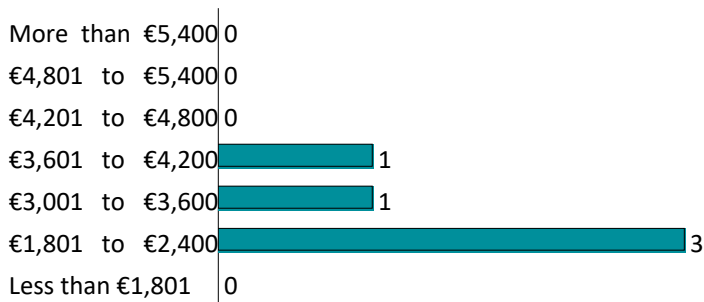
Employment status

	Female	Male	Total
Higher education teacher, scientific profession	1	3	4
Secondary school teacher	-	1	1
School teacher, instructor, or equivalent	-	-	0
Category A civil servant	-	-	0
Company head, retailer, or equivalent	-	-	0
Engineer or company technical <i>cadre</i>	1	1	2
Administrative or commercial <i>cadre</i>	-	-	0
Accredited profession, legal and technical	1	1	2
Accredited profession, medical	-	-	0
Information, arts and entertainment profession	-	-	0
Intermediate profession, administrative and commercial	-	-	0
Salaried employee	-	-	0
Total	3	6	9

Response rate : 100%

Salaries of PhD holders (excluding bonuses)

100% of doctors were satisfied with their salary



Response rate: 75%

Total	
Average	€2,711
Min	€1,863
Max	€3,690
Median	€2,509

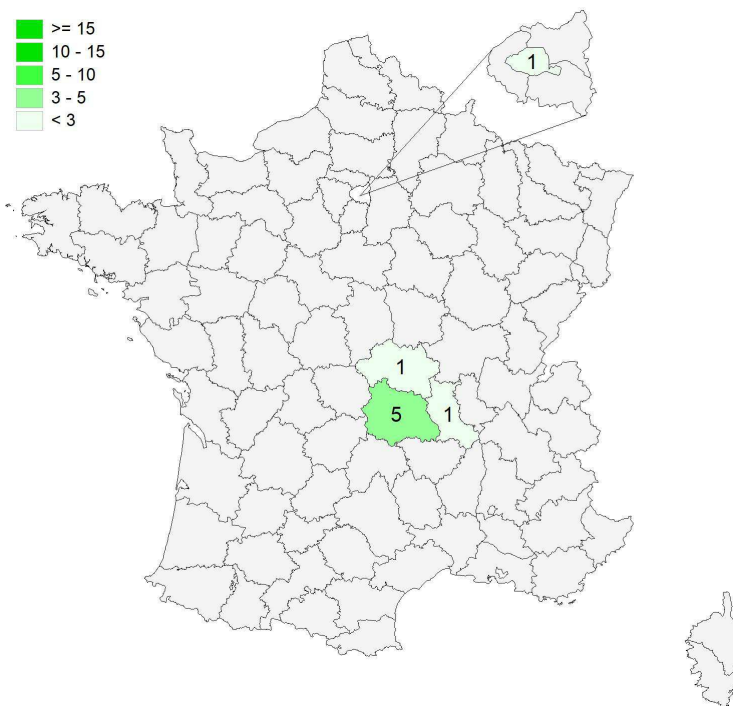
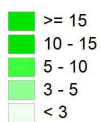
- ▶ The gross monthly salary of PhD holders (excluding bonuses) varied between €1,863 and €3,690. The median gross salary was €2,509*.

Salaries are calculated based on full-time employment. The salaries of PhD holders working abroad were not taken into account.

Bonuses

Location of employment

Numbers



Geographical distribution of jobs

Auvergne-Rhône-Alpes	7	78%
Ile-de-France	1	11%
Other department in mainland France	0	0%
Overseas France	0	0%
Abroad:	1	11%

Geographical distribution of foreign jobs by country

United States	1
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Response rate: 100%

List of jobs occupied

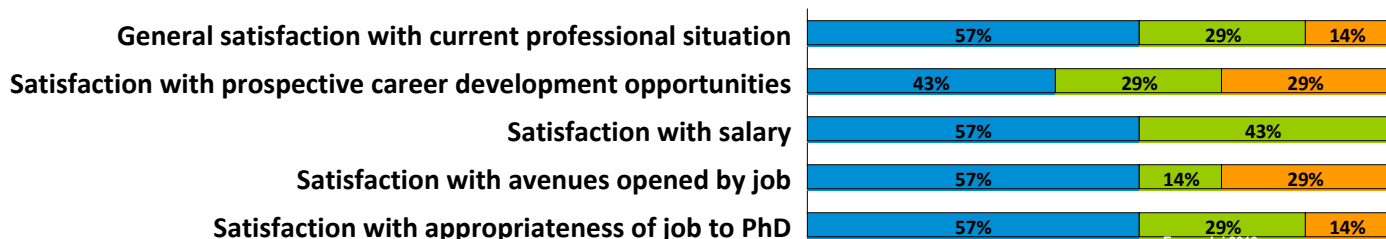
		Female	Male	Total
Cadre job	ATER	1	0	1
	Development Assistant	0	1	1
	Research Fellow	0	1	1
	Researcher	1	0	1
	Economist	1	0	1
	Associate Professor	0	1	1
	Temporary Substitute Teacher	0	1	1
	Notary Intern	0	1	1
	Teacher Manager	0	1	1
Total	3	6	9	

Response rate 100%

► Job Satisfaction

86% of doctors were satisfied with their job in general.

	Very satisfied	Satisfied	Dissatisfied	Very Dissatisfied
General satisfaction with current professional situation	4	2	1	0
Satisfaction with prospective career development opportunities	3	2	2	0
Satisfaction with salary	4	3	0	0
Satisfaction with avenues opened by job	4	1	2	0
Satisfaction with appropriateness of job to PhD	4	2	1	0



Response rate: 78%

56% of doctors declared that a PhD was required to perform their current job and 86% of doctors were satisfied with the appropriateness of the job to the PhD.

GLOSSARY

ATER: Attaché Temporaire d'Enseignement et de Recherche (Temporary teaching and research assistant)

CNU: National Council of Universities to become an associate or full professor

CIFRE: Work placement agreement placing a PhD student in a company

Dual-Degree Thesis Program: A dual-degree thesis is a program to promote global engagement for PhD students and to develop scientific collaboration between foreign and French research teams.

Doctoral contract: The doctoral contract is the main type of funding granted to PhD students. The doctoral contract is open to all PhD students who have been enrolled for less than six months in their first year, with no age requirement.

Post-doctoral contract: A post-doctoral contract is a temporary work contract in the public and private research sphere, in France or abroad.

PhD degree: The PhD is the highest degree in higher education, training students for research by conducting research. In this respect, it is considered a professional research experience. It leads to the creation of new knowledge.

ED: Doctoral school

ED LSHS: Doctoral School of LITERATURE, HUMAN AND SOCIAL SCIENCES

ED SVSAE: Doctoral School of LIFE, HEALTH, AGRONOMY, AND ENVIRONMENTAL SCIENCES

ED SEJPG: Doctoral School of ECONOMIC, LAW, POLITICAL AND MANAGEMENT SCIENCES

ED SF: Doctoral School of FUNDAMENTAL SCIENCES

ED SPI: Doctoral School of ENGINEERING SCIENCES

MCU: Maitre de Conférence Universitaire (Associate Professor)