

2020 Survey of the doctorate population (2014-2015 and 2015-2016 academic years)

DOCTORAL PROGRAMME
UNIVERSITY / INSTITUTION

Year degree awarded: 2015 or 2016	
ACADEMIC DETAILS	
1. Degree with which you gained admission to the doctorate	(use free text)
2. Year that you were awarded the qualifying degree	
3. University in which you studied the qualifying degree	(catalogue codes plus others, open response)
4. Year that you started your doctorate studies	
5. Type of thesis	(1) Monograph Only for " Monograph" (1) One article (0) Collection of articles
6. Other publications aside from the doctoral thesis itself	(2) More than one article (3) A book / chapters (4) No
7. Language that your thesis was written in	(1) Catalan (2) Spanish (3) English (4) Other (5) More than one language (in the case of an international doctorate/PhD thesis)
8. Have you been awarded an international doctorate degree?	(1) Yes (0) No
9. Doctoral thesis work	(1) Mainly independent (2) Mainly within either a research or mixed group
10. Did your thesis involve work that was experimental, laboratory-based or empirical (questionnaires, interviews, secondary data, etc.)?	(1) Yes (2) No (only theoretical) (3) Others (please specify)

CURRENT JOB SITUATION AND WORK EXPERIENCE	
11.1. Are you currently working?	(1) Yes → Go on to 12 (0) No → Go on to 11.2
11.2. Employment since obtaining your doctorate	(1) Yes → Please refer to your last job. Do not answer the sections on JOB SATISFACTION (40-44) and the IMPACT OF YOUR DOCTORAL STUDIES ON YOUR CURRENT JOB (questions 49 to 57) (0) No → Go on to SOURCE OF INCOME DURING DOCTORAL STUDIES and SATISFACTION WITH STUDIES (16-26), MOBILITY (45-47), ASSESSMENT OF TRAINING (58-71), SOCIO-ECONOMIC STATUS (72-74) and IF UNEMPLOYED (75-79)

12. Where you have spent most time working?	(1) At university (2) In a research centre or institute Go on to 15. Please do not answer BRANCH OF ECONOMIC ACTIVITY (30) (3) In private enterprise or another institution / Others Go on to 15
Only if you work at university (if you answered 12.1) 13. Public or private	(1) Public Do not answer question 15 nor BRANCH OF ECONOMIC ACTIVITY (30), TYPE OF CONTRACT (31), SECTOR (34) or NUMBER OF EMPLOYEES (36) (2) Private Go on to 15 and please do not answer BRANCH OF ECONOMIC ACTIVITY (30), SECTOR (34) or NUMBER OF EMPLOYEES (36).
Only if you are working at a public university (if you answered 13.1) 14. Under what teaching staff classification?	(1) Tenure-track lecturer (<i>lector</i>) / assistant lecturer (<i>ajudant doctor</i>) (2) Collaborating (<i>col·laborador</i>) (3) Associate professor (<i>agregat</i>) or tenured professor (<i>titular d'escola universitària</i> , etc.) (4) Adjunct staff (temporary/part-time - <i>associat</i>) (5) Only a researcher (with a scholarship or on a research project) (6) Others (post-doctoral scholarship, etc.)
Do not reply if you work (or your last job was) in a public university	
15. What kind of job do you have/What was your last job? (open-ended question)	
16. What level of responsibility do/did you have over other people working alongside you?	
(1) Management	
(2) Middle management (head of area, division or department, supervisor, office or floor manager, etc.)	
(3) No responsibility over other individuals	
17. Main source of income during doctoral studies	(1) A scholarship (2) Teaching or research work at university (including temporary/part- time teaching staff and research contracts) (3) A job in a sector connected with your pre-doctoral studies (4) A job unrelated to your pre-doctoral studies (5) Didn't work: full-time study/only sporadic jobs

SATISFACTION WITH DOCTORAL STUDIES	
Rate (from 1 to 7, where 1 is very negative and 7 is very positive) the following aspects regarding doctoral studies	
18. The content and quality of training/classes/seminars/activities	.....
19. The relevance of the training/classes/seminars for the thesis	.....
20. Quality of the organisation and delivery of training classes/seminars (compliance with the timetable, place, etc.)	.....
21. The quality of tutoring during the period of classes/seminars (with course teachers) (for pre-Bologna programmes)	.....
22. The quality of supervision during the time spent working on the thesis (relationship with the thesis director/s)	.....
23. The quality of the department/unit/institution's resources and their availability for carrying out research	.....
24. Doctoral studies in overall terms	.....
25. During your doctoral studies, did you have opportunities to actively participate in either national and/or international conferences/events? (presentation of papers, posters, etc.)	(1) Yes (0) No

26. During your doctoral studies, did you present your research in internal seminars in the department/unit/institute?	(1) Yes (0) No
27. If you had to start again, would you still pursue doctoral studies?	(1) Yes (0) No
27.1 If not, why? (reply only if you answered "No" to question 27. Multiple response)	
(1) I am unsatisfied with the employment opportunities or the resulting occupation	
(2) I did not adapt well to the group or the study programme requirements	
(3) I have had mixed feelings about the design or quality of the study programme	
(4) I have always had other interests	
(5) Other reasons. Please specify _____	

CURRENT/LAST JOB	
In relation to your (main) CURRENT or LAST JOB :	
28. What year did you start to work there? (only four digits for the corresponding year)	
29. What was required for this job? A requirement was...	
(1) To have a PhD/doctorate	
(2) Your specific degree (pre-Bologna 4/5-year Bachelor's degree/pre-Bologna 4/5-year engineering degree/pre-Bologna 3-year Bachelor's degree/pre-Bologna 3-year engineering degree/current Bachelor's degree)	
(3) Any degree	
(4) No university degree was required	
30.1. In relation to your current or last job, do you think doctoral studies are necessary?	(1) Yes → Go on to 31 (0) No
30.2. In relation to your current or last job, do you think a university degree is necessary?	(1) Yes (0) No
Please do not answer this question if a doctorate is/was required ("Yes" to 29)	
31. What is/was the company's main economic activity?	
Please do not answer this question if you work in a university or research institute (either 12.1 or 12-2)	
32. What kind of contract do/did you have? Please do not answer if working at a public university	
(1) Long-term	
(2) Self-employed →	32.1. If "Self-employed", working: (1) Freelance (2) For an employer
(3) Temporary	
(4) Internship	
(5) Without a formal, written contract	
33. How long is/was your contract for? (Only "Temporary" in 32)	
(1) Less than 6 months (2) Between 6 months and one year (3) More than one year	
34. Do you work full-time? (35-40 hours/week?)	(1) Yes (0) No (part-time, other)
(do not answer if "Internship" in question 32)	
34.1. If part-time: How many hours do you work a week (excluding meal breaks)?	
(1) Less than 10, (2) 11-24, (3) 25-34	

35. Company sector:	(1) Public	(2) Private
Please do not answer if you work at the university		
36. How much do/did you earn a year (gross)?		
(1) Less than €9,000	(2) €9,000 - €12,000	(3) €12,000 - €15,000
(4) €15,000 - €18,000	(5) €18,000 - €24,000	(6) €24,000 - €30,000
(7) €30,000 - €40,000	(8) €40,000 - €50,000	(9) Over €50,000
37. How many people does the company employ?		
Please do not answer if you work at the university		
(1) 10 or less	(2) Between 11 and 50	(3) Between 51 and 100
(4) Between 101 and 250	(5) Between 251 and 500	(6) Over 500
38. Where do/did you work (province, abroad)?		
(1) Barcelona	(2) Tarragona	(3) Girona
(5) Other regional autonomous communities	(6) Europe →	(4) Lleida
	(7) Other →	38.1. In which country do/did you work?
		38.2. In which continent do/did you work?
		38.3. In which country?

SATISFACTION WITH YOUR CURRENT JOB	
Rate your satisfaction (from 1 to 7, where 1 is highly dissatisfied and 7 is highly satisfied): (please do not answer if you are not currently working or if you have no job contract, but do answer if you work in a public university (answer 1, question 13))	
39. Job content	.....
40. Prospects for promotion and personal development	.....
41. Salary	.....
42. The usefulness in your job of knowledge/skills acquired in your doctoral studies/training (education-job match)	.....
43. Your job in general	.....

MOBILITY
44. Did you have any experience of mobility during your doctoral studies lasting at least one month?
(1) No
(2) Yes, in Catalonia/Spain
(3) Yes, abroad
45. Have you had any experience of post-doctoral mobility lasting at least one month?
(1) No
(2) Yes, in Catalonia/Spain
(3) Yes, abroad

THE IMPACT OF YOUR DOCTORAL STUDIES ON YOUR CURRENT JOB
46. Did you work during or in the last two years of your doctoral studies? (1) Yes (0) No
Only those working at the time of the survey (answer 1 to question 11.1)

Only for those who ticked 46.1

47. Have you changed your job or institution since being awarded your PhD/doctoral degree? (1) Yes (0) No

48. In relation to your job during your doctoral studies, has there been any improvement in:

48.1. The type of contract: (1) Yes (0) No

48.2. Salary: (1) Yes (0) No

48.3. Improved (more) working hours (per week)? (1) Yes (0) No

Rate (from 1 to 7, where 1 is very little and 7 is a lot/very much) the improvement in professional terms as a result of your doctoral studies

49. Taking on new duties or responsibilities different to those that you previously had

50. Coordinating work groups and dealing with related problems (stemming from the lack of skills or experience, resistance to change, etc.)

Only for those working in private enterprise: (12.3)

51. Taking on high profile duties, tasks or projects in the company

52. Developing new projects or products, new lines of action

53. Taking a key role in decision-making with a potential direct impact on the business

ASSESSMENT OF YOUR DOCTORAL TRAINING

Assess the degree to which you developed the following skills during your doctoral studies. Rate (from 1 to 7, where 1 is very low and 7 is a very high) the level of your skills training at university:

54. Documentation management

55. Acquisition of strategies for the analysis of theories, fundamentals and approaches, and research methods

56. Data and output analysis techniques

57. Publication and dissemination of research findings

58. Writing and publication of scientific articles

59. Design, planning and carrying out of research

60. Capacity to generate new knowledge

61. Ability to work in an independent and self-directed way

62. Networking (establishing and maintaining networks of professional contacts)

63. Understand the importance and potential impact of research on society

64. Successful funding and management of resources for research

65. *Only for those working in the university (12.1).* Teaching skills (Teaching and providing support for university students to learn)

66. Languages

67. Team work

SOCIO-ECONOMIC STATUS

68. What was the highest level of education completed by your parents or legal guardians?

(1) Both completed primary school/no studies (2) One of the two completed secondary education (3) Both of them completed secondary education

(4) One of them completed higher education (5) Both of them completed higher education

69. Father's (or father figure's) employment status during your university studies

(1) Self-employed	→ Did his job require a university-level education?	(1) Yes (0) No
(2) Employee	→ What level?	(1) Leadership/Management (2) Higher technical (3) Skilled (4) Unskilled
(3) N/A		
70. Mother's (or mother figure's) employment status during your university studies		
(1) Self-employed	→ Does/did her job require a university education?	(1) Yes (0) No
(2) Employee	→ What level?	(1) Leadership/Management (2) Higher technical (3) Skilled (4) Unskilled
(3) N/A		
71. Which of the following best describes your situation?		
(1) Both my parents and I were born in Spain.		
(2) My parents were born in another country but I was born in Spain.		
(3) Both my parents and I were born in another country.		
(4) Other.		
IF UNEMPLOYED (Only "No" to 11.1)		
72. Are you currently looking for work?		
(1) Yes → Go on to 74		
(0) No		
73. If your answer was NO, what are your reasons?		
(1) To continue studying/ public service exams- competitions		
(2) Maternity/paternity/care for a relative	→ 73.1. If your answer was "Maternity/paternity/care for a relative", do you intend to look for work in the future?	(1) Yes (0) No
(3) Retirement		
(4) Other		
Only give answers to 74 and 75 only those answering "Yes" to 72		
74. How long have you been looking for work?		
(1) Less than 6 months	(2) Between 6 months and 1 year	(3) Between 1 and 2 years
(4) More than 2 years		
75. Since being awarded your PhD/doctoral degree, how many jobs have you rejected as being inadequate?		