

# **From expansion to crisis: university pathways and professional insertion in the labour market**

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# Summary

- Introduction
- Data
- Methodology
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# Introduction

- Catalan University system highlights
- From economic expansion to economic crisis: What impact on the graduates employability?
- Do Higher Education institutions successfully help graduates to make the transition to work (short term) and their professional career (long term)?

# Data

- AQU Catalunya surveys on graduate labour market outcomes
- 2008 survey: Graduates in 2004
- Only public universities (90%)
- 2011 survey: Graduates in 2007

2004 Cohort		2007 Cohort	
Population	Sample	Population	Sample
22.343	11.771	22.191	12.219

# Methodology

1. Comparative-descriptive analysis on occupational status between 2004 and 2007 cohorts: **all graduates**
2. Typological analysis on **occupied graduates**.

# 1. Comparative-descriptive analysis

## Occupational status

	Cohort 2004		Cohort 2007	
Occupational status	Cases	Percentage	Cases	Percentage
Occupied	10664	90,6	10349	84,7
Internships	343	2,9	477	3,9
Unemployed	362	3,1	957	7,8
Inactive	402	3,4	436	3,6
Total	11771	100,0	12219	100,0

# 1. Comparative-descriptive analysis

## Occupational status by gender

Occupational status	Cohort 2004			Cohort 2007		
	Female	Male	Total	Female	Male	Total
Occupied	90,7	90,4	90,6	85,1	84,1	84,7
Internships	2,6	3,4	2,9	3,9	3,9	3,9
Unemployed	3,0	3,1	3,1	7,3	8,6	7,8
Inactive	3,7	3,0	3,4	3,6	3,5	3,6
Total	100	100	100	100	100	100

# 1. Comparative-descriptive analysis

## Occupational status by fields of study

	Cohort 2004							Cohort 2007						
	SS	LEA	ES	EA	HS	H	T	SS	LEA	ES	EA	HS	H	T
Unemployed	3,1	2,8	3	2,3	1,4	5,8	3,1	6,3	6,3	8,8	8,2	3,8	12,7	7,8

Unemployment growth					
SS	LEA	ES	EA	HS	H
3,2	3,5	5.8	5.9	2.4	6.9

SS: Social sciences

LEA: Law, economics and administration

ES: Experimental sciences

EA: Engineering and architecture

HS: Health sciences

H: Humanities



## 2. Typological analysis: techniques

- Typological analysis on occupied graduates:
  - Multiple correspondence analysis (MCA).
  - Cluster analysis.

## 2. Typological analysis: clusters' composition

	Cohort 2004		Cohort 2007	
Cluster	Size	Percentage	Size	Percentage
1. Fixed-term contracts	4.535	42.50%	4.254	41.10%
2. Temporary contracts	2.365	22.20%	2.309	22.30%
3. Non-graduate-level jobs	2.323	21.80%	2.191	21.20%
4. Part-time jobs	808	<b>7.60%</b>	1.044	<b>10.10%</b>
5. Self-employed	633	5.90%	551	5.30%
Total	10664	100%	10349	100%

# Conclusions

- Even though the economic crisis has effectively had an impact on employment rates, most of graduates in both cohorts were occupied four years after graduation.
- Among occupied graduates, the structure of employment has not suffered a very strong change between 2004 and 2007 cohorts.
- Among occupied graduates: significant rising in part-time workers.
- Future research:
  - Explore the role played by the institutions and Governments in the promotion of the employment of the graduates.
  - Incorporate higher educational reforms (Bologna process) in the analysis of the employability of graduates trained within the reform.