

# PIAAC

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María Jesús del Río Alcalde



GOBIERNO  
DE ESPAÑA

MINISTERIO  
DE EDUCACIÓN, CULTURA  
Y DEPORTE



# PIAAC

- \* PIAAC (Program for the International Assessment for Adult Competencies)
- \* The PIAAC survey is a program of the OECD (Organization for Economic Cooperation and Development) to assess generic skills of adults aged 16-65 years.
- \* PIAAC assesses basic cognitive skills necessary for an advanced society.





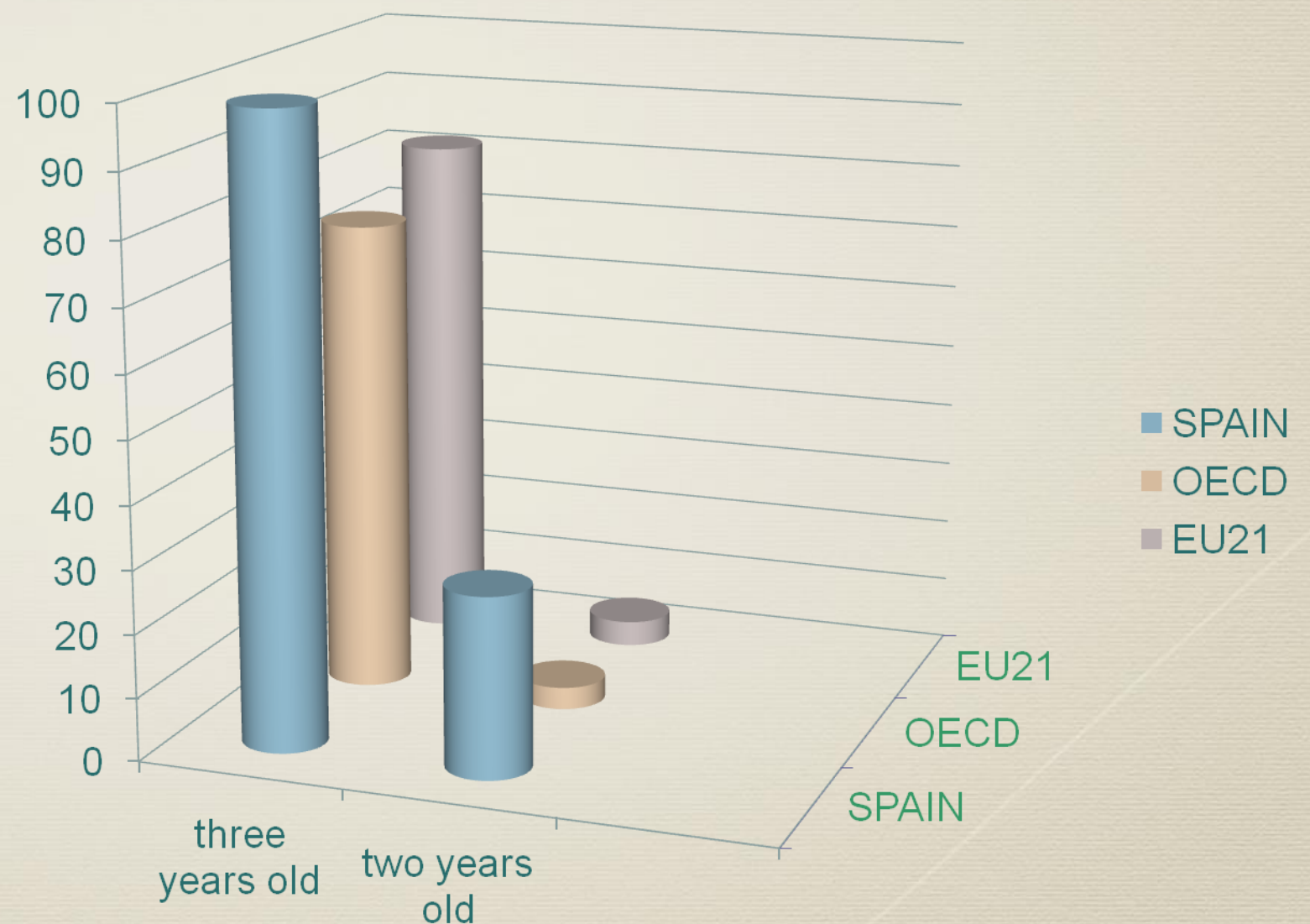
**Spanish Educational Data.**



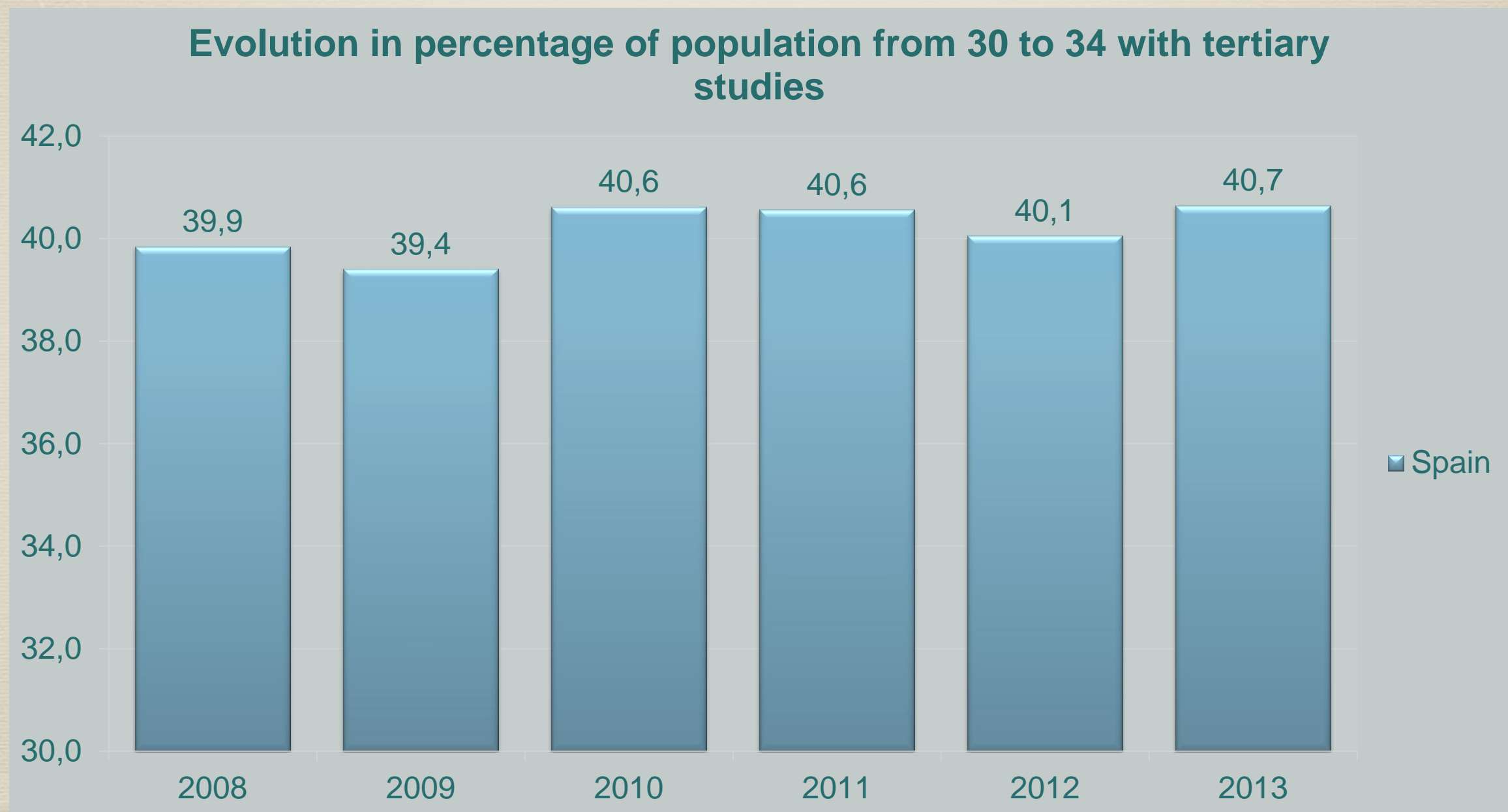
# Education in Spain

Education at a Glance OECD Indicators  
2013.

Schooling rates  
by age 2011.



# Education in Spain



Source: Labour Force Survey. INE



# Education in Spain

Evolution in percentage of population from 30 to 34 with tertiary studies.

■ España ■ Unión Europea (28 países)



SOURCE: Eurostat. Date of extraction: 29/01/2014

# Adult participation in lifelong learning

Adults percentage in the 25-64 group

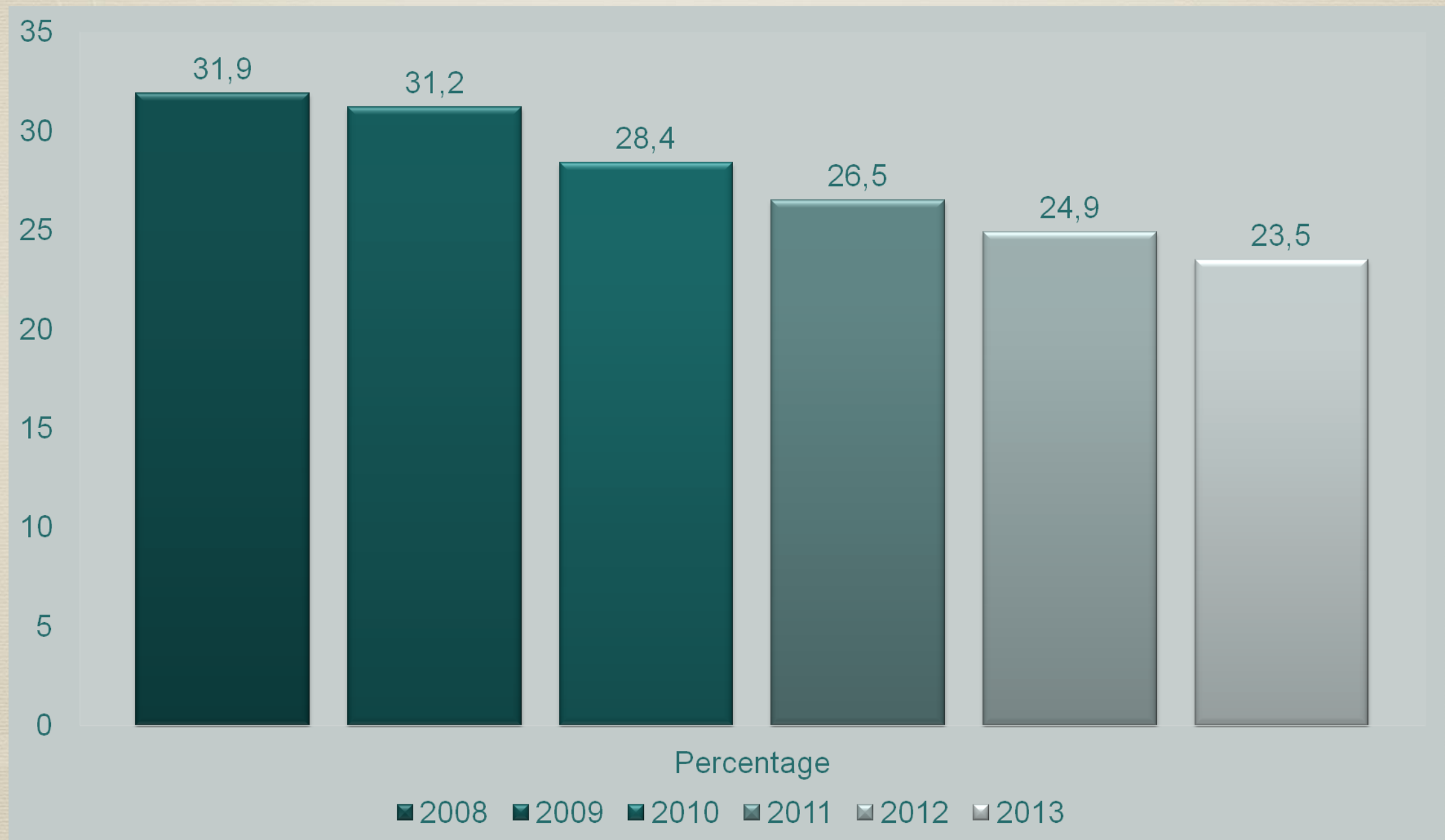
■ Spain ■ EU28



SOURCE: Eurostat. Date of extraction: 29/01/2014



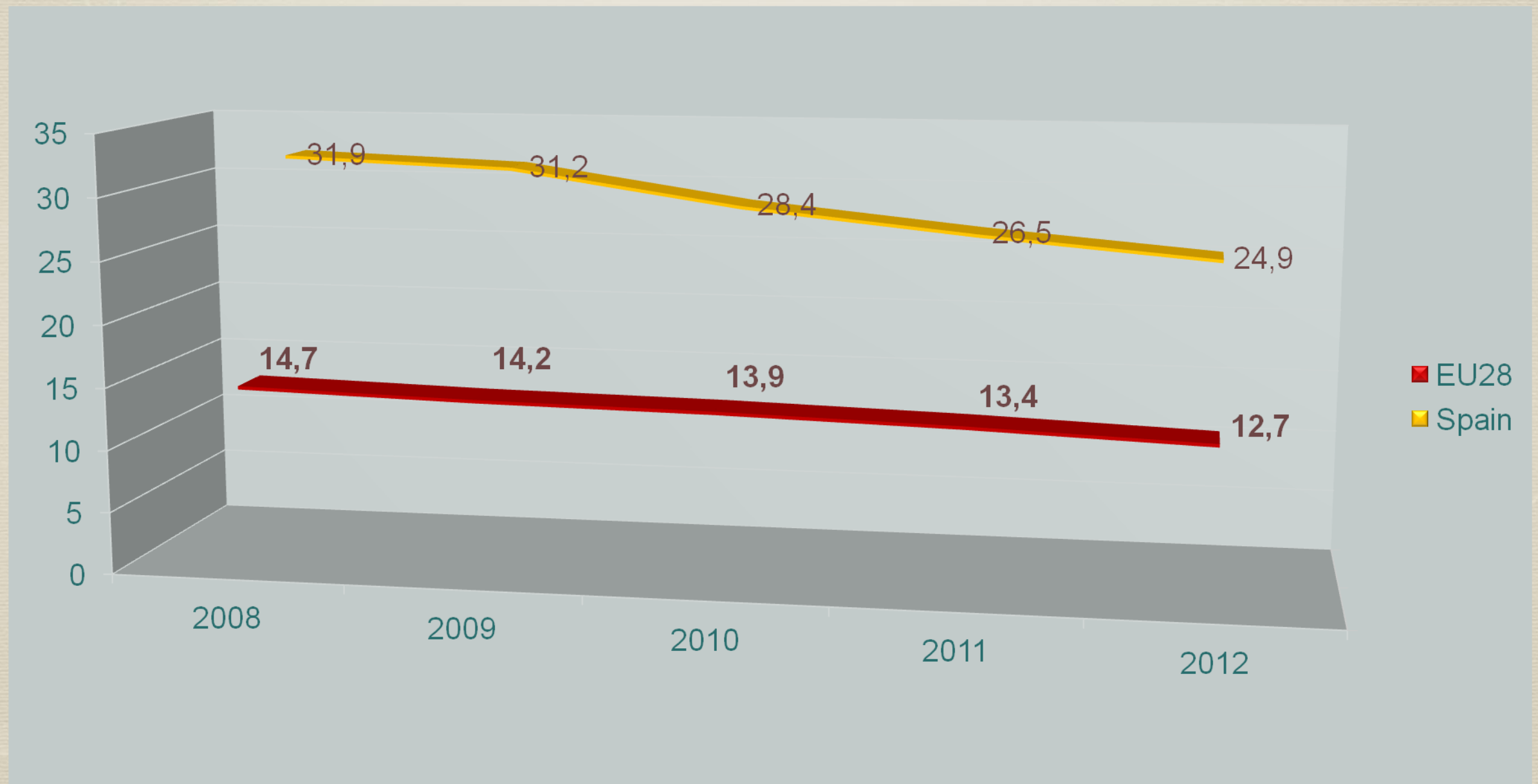
# Early school leaving



Source: LabourForce Survey. INE.



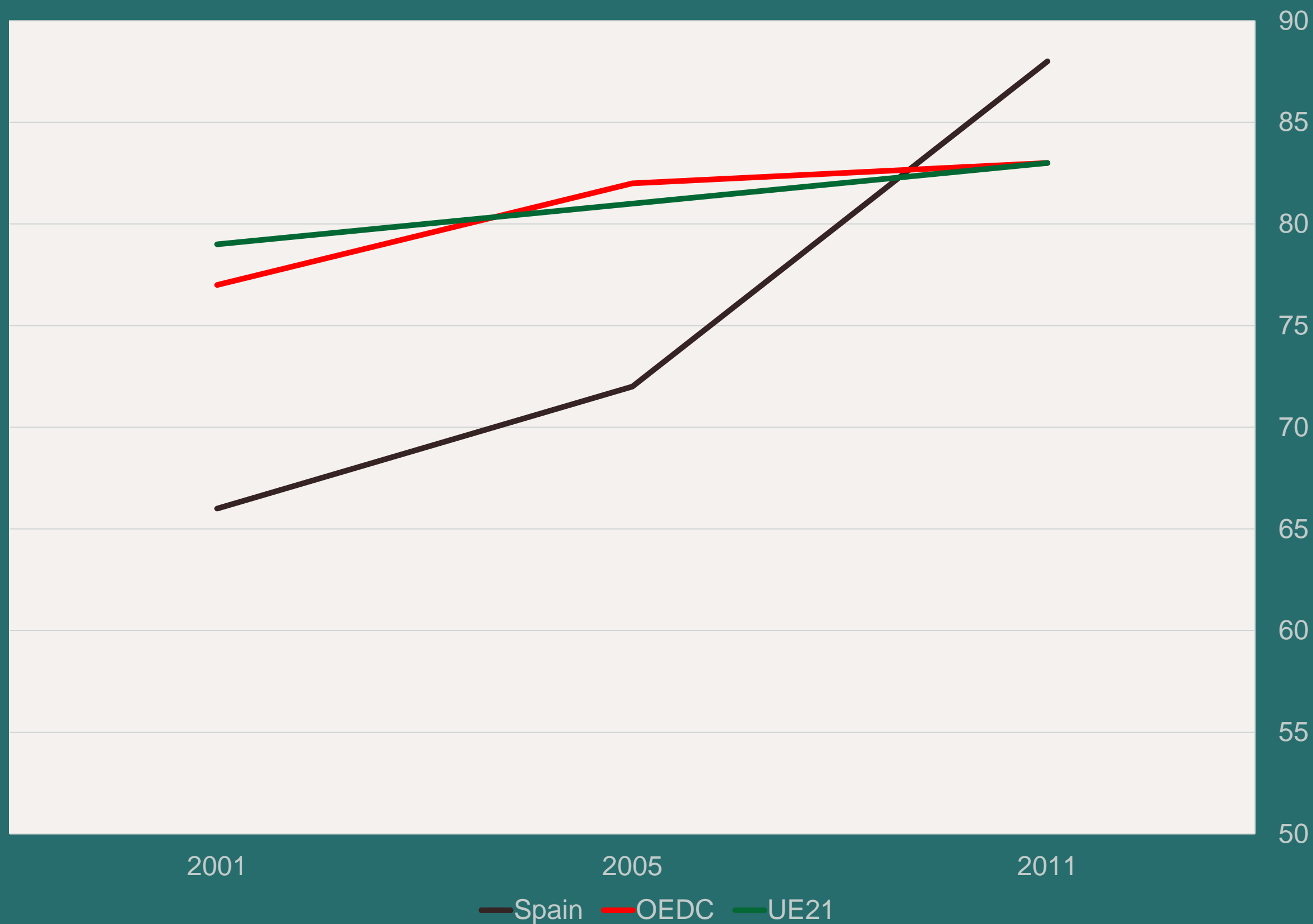
# Early School Leaving





# Education at a Glance OECD Indicators 2013.

## Trends in graduation rates in the second stage of Secondary Education





# Why should we evaluate adults' skills?

- \* Educators, policymakers and labour economists may use this information to develop economic, educational and social policies to improve the skills of adults.
- \* These skills represent cross-cutting cognitive skills that provide a foundation for effective and successful participation in the social and economic life of advanced economies.



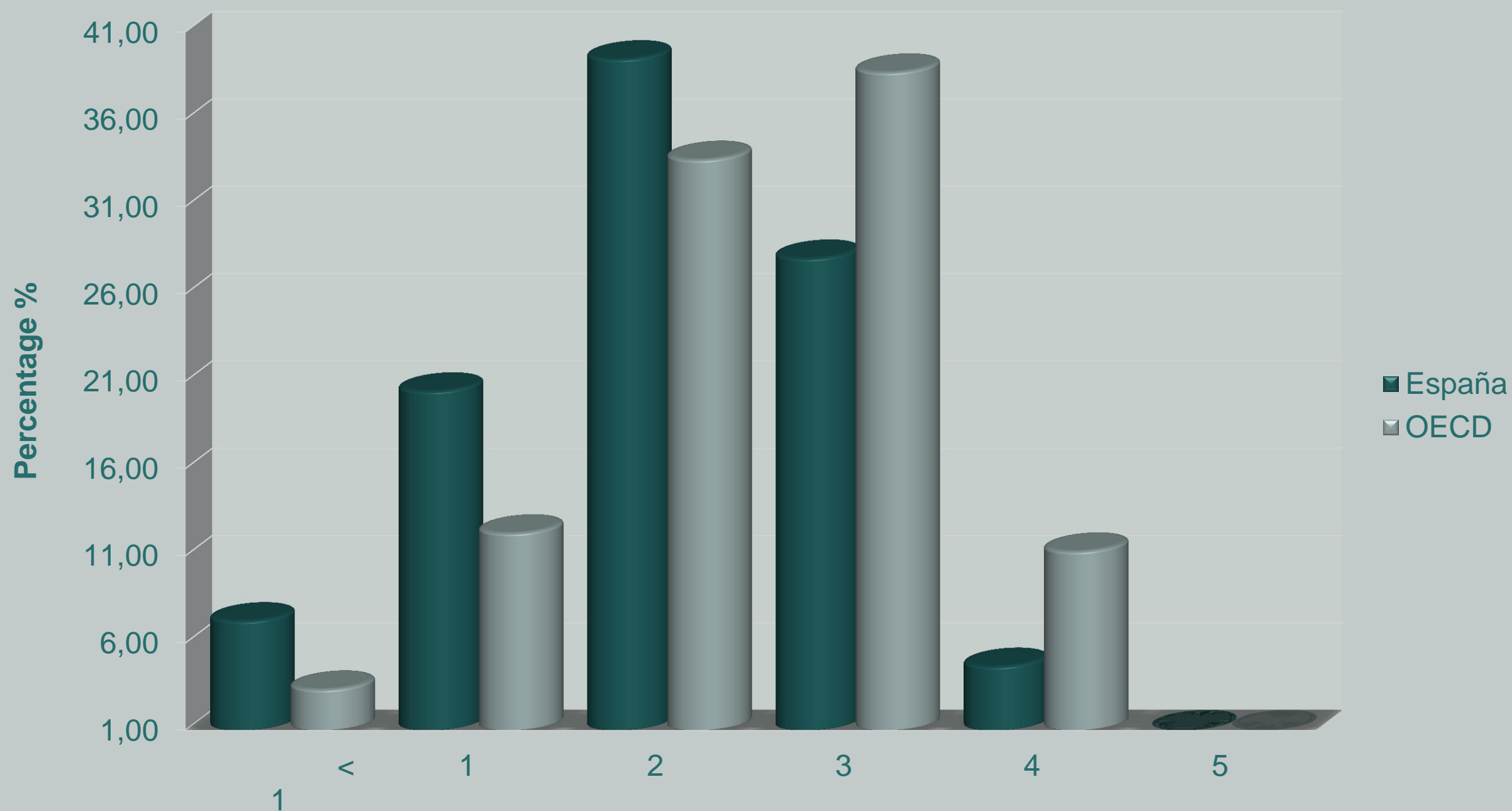


# **Spanish Educational Data.**

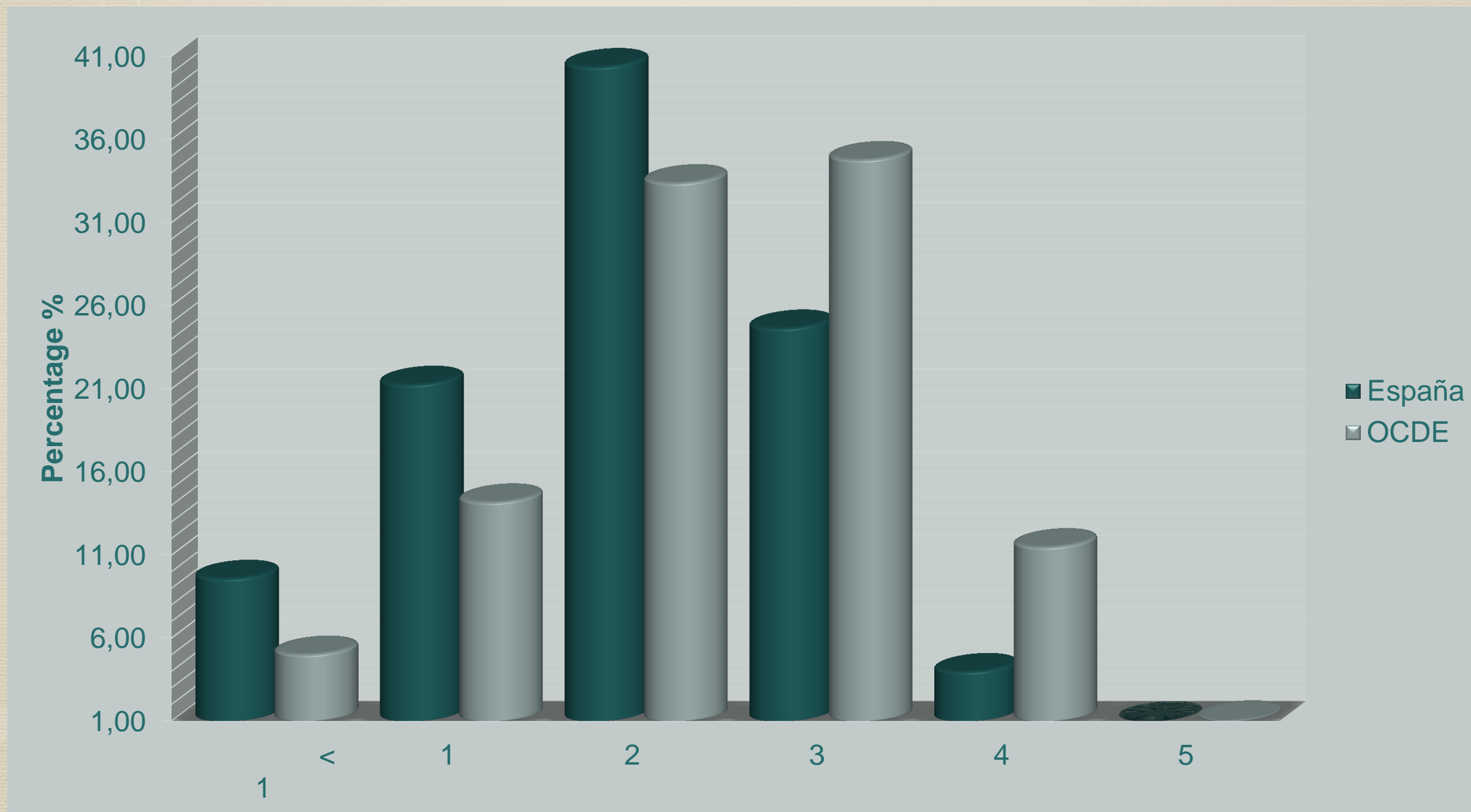
## PIAAC



# Percentage distribution per literacy skill level



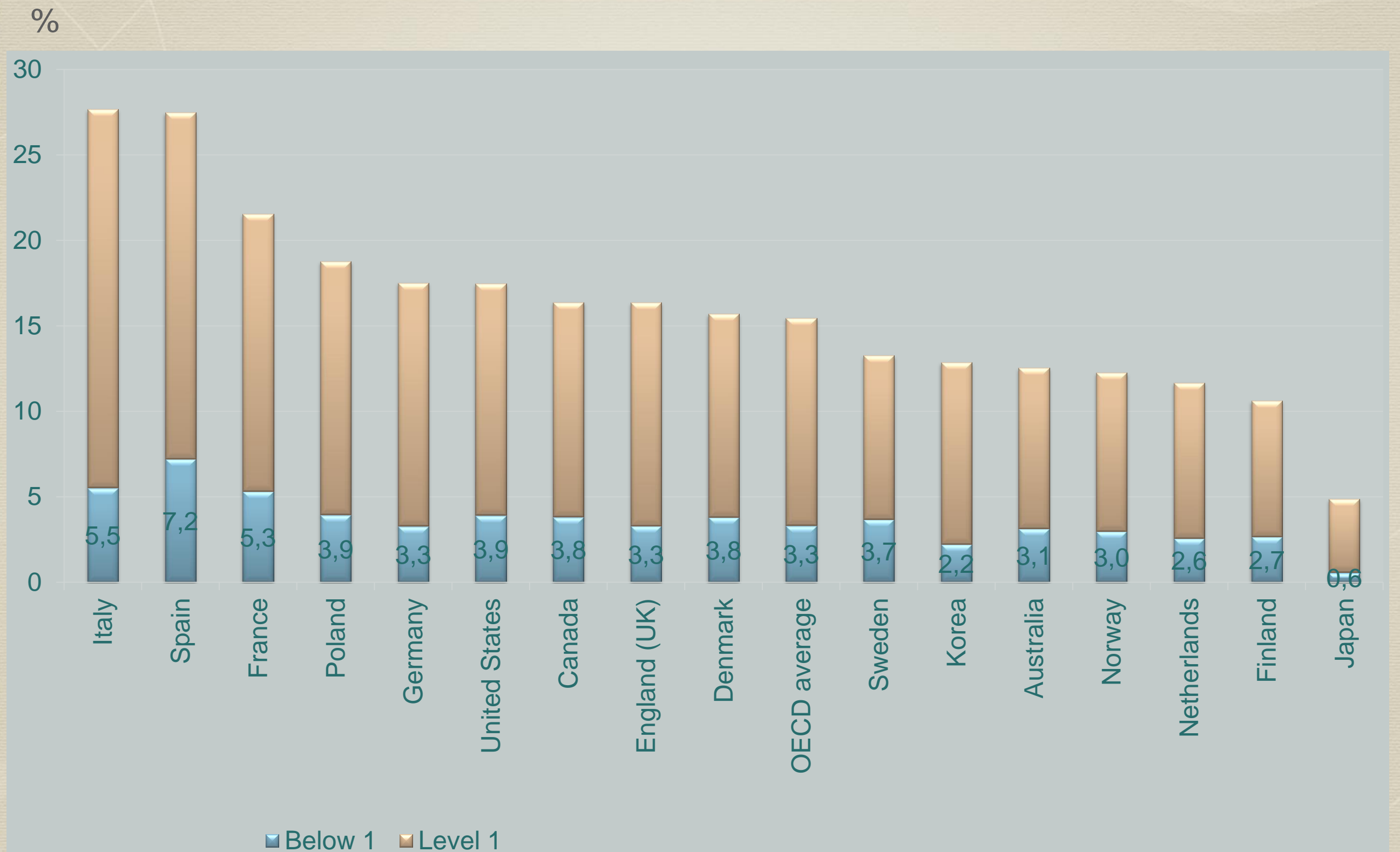
# Percentage distribution by numeracy skill



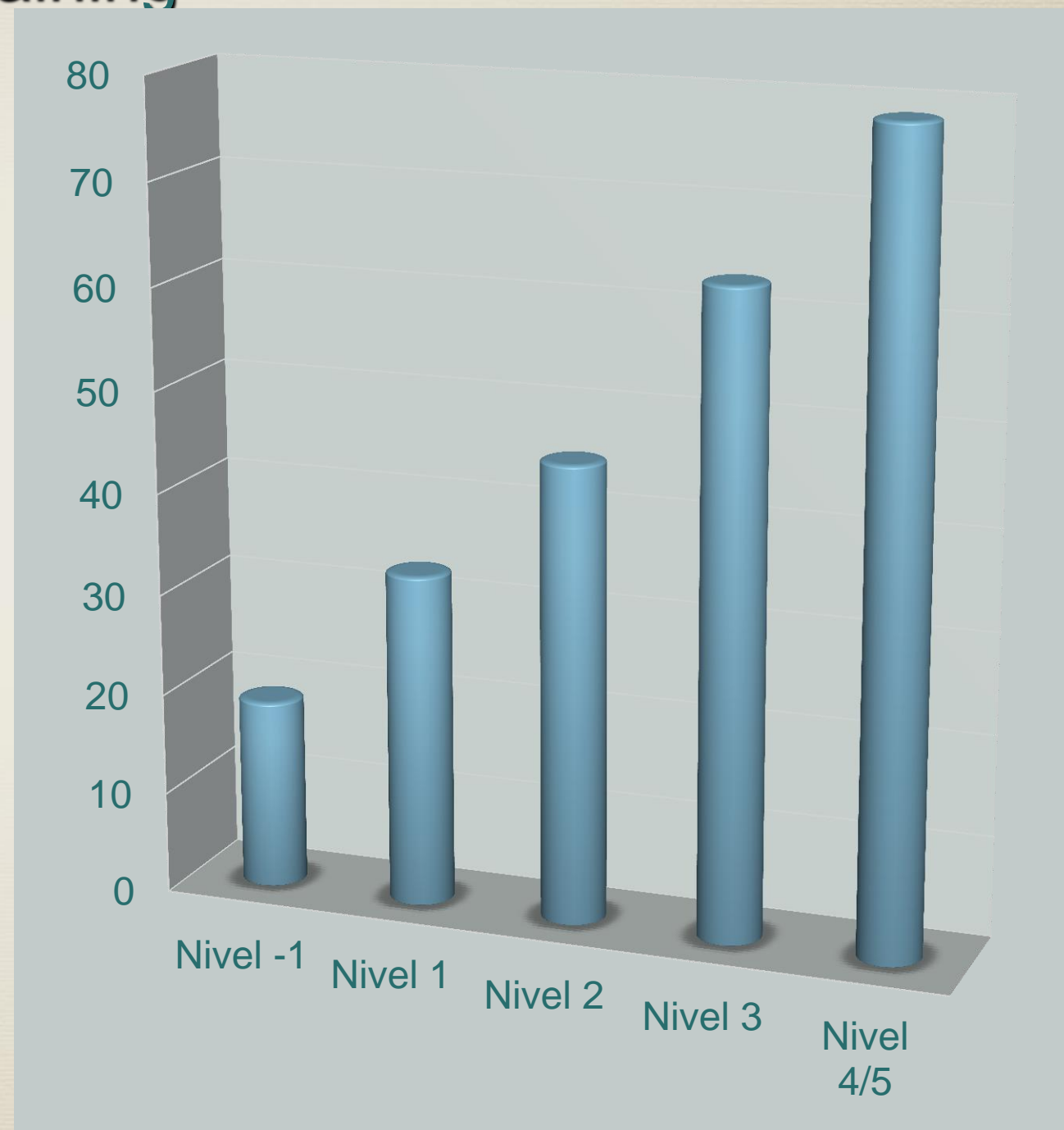
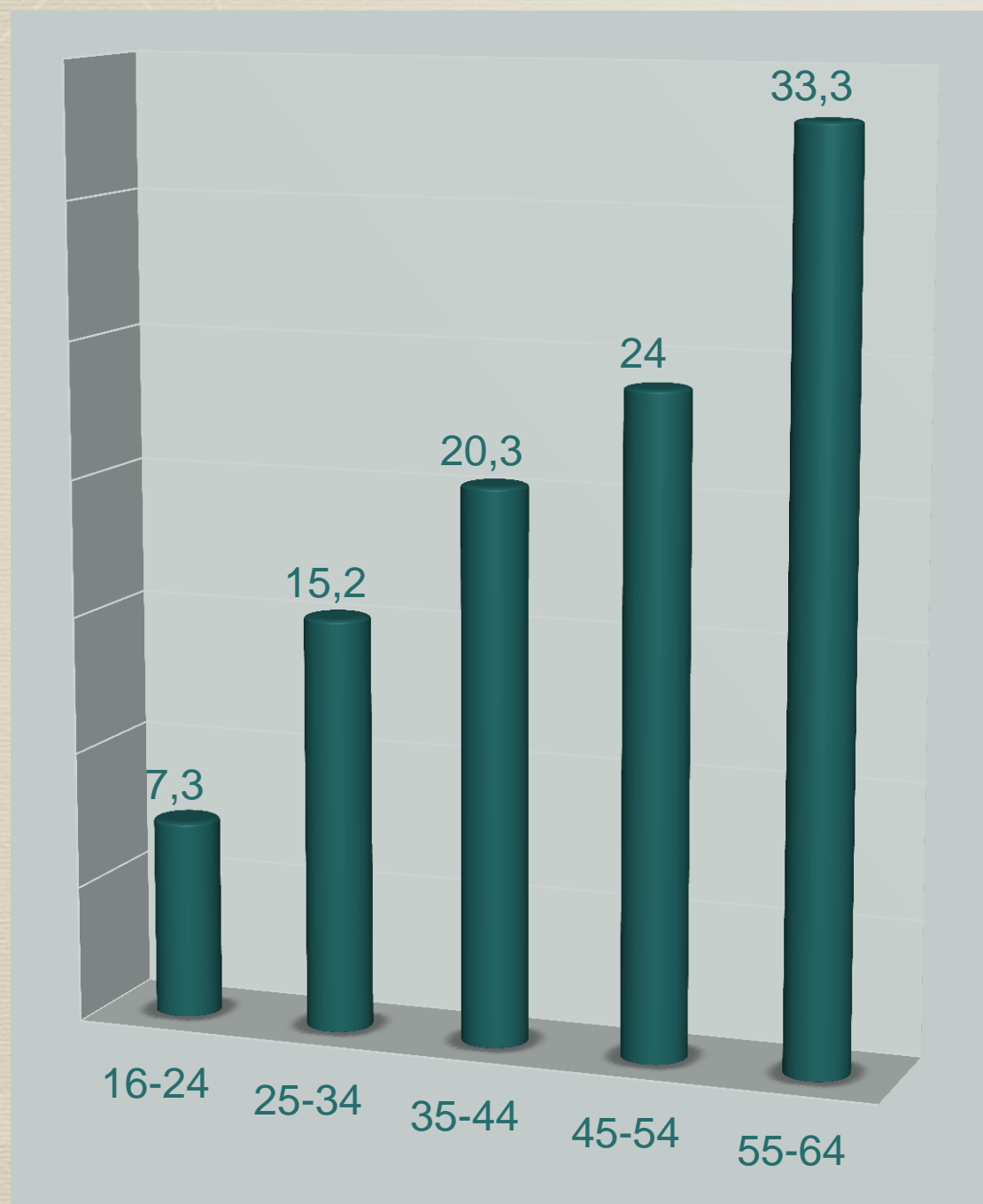


# Adults with low literacy skills

## Nivel 1 y -1



# Low level of literacy by age and Percentage of adults who participated in adult education and training

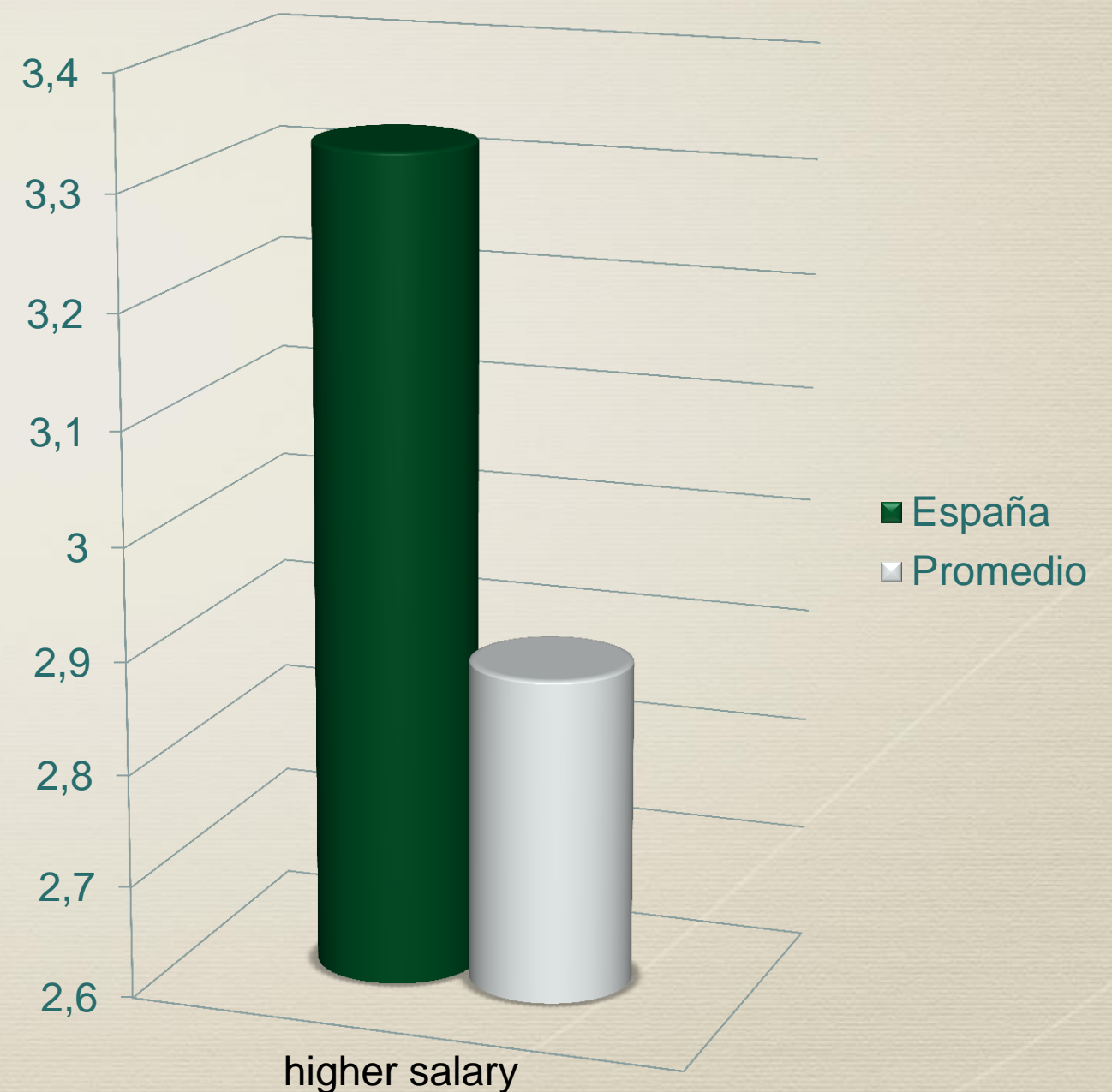
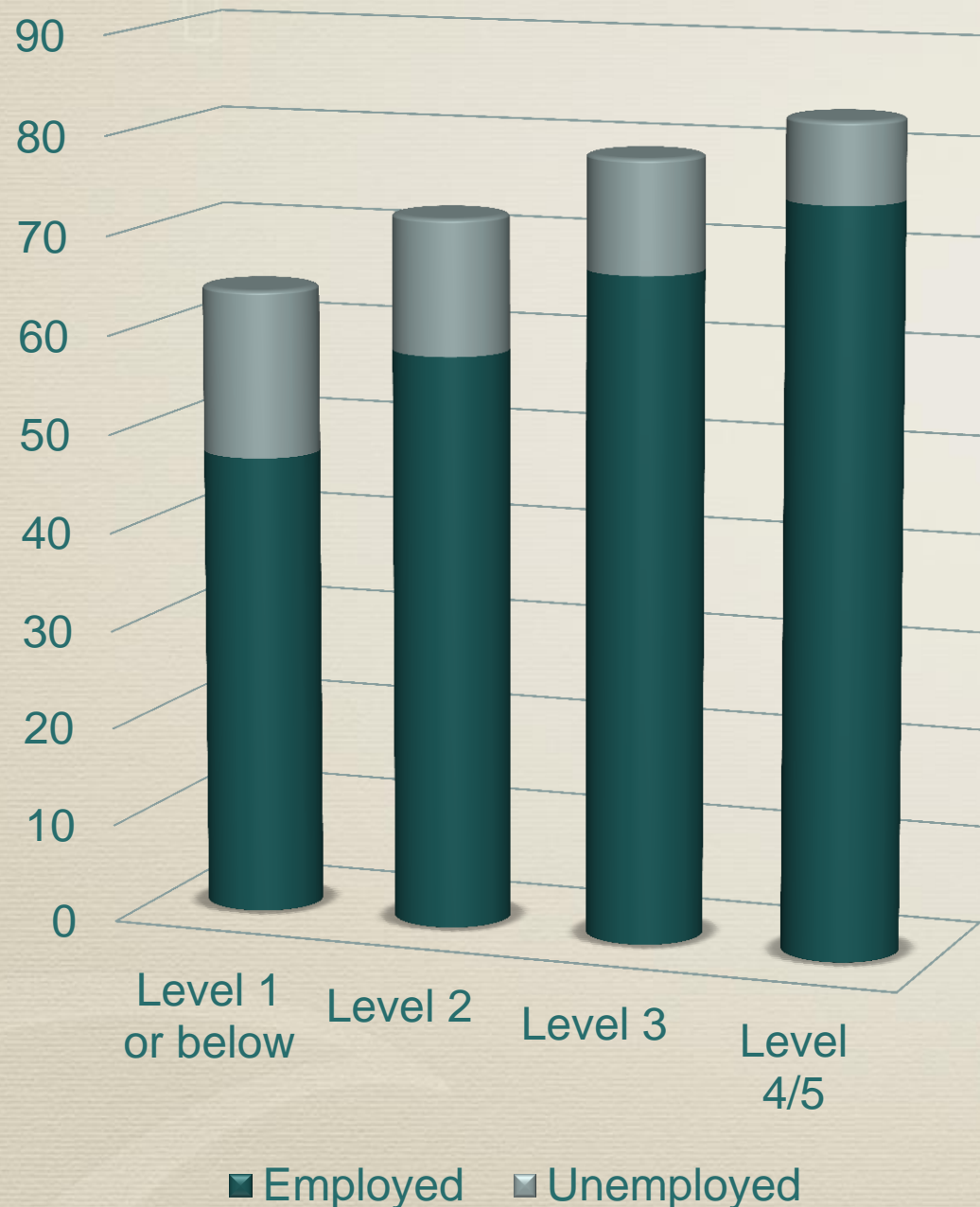




# Employment status by literacy level and Chance of high salaries by literacy skill

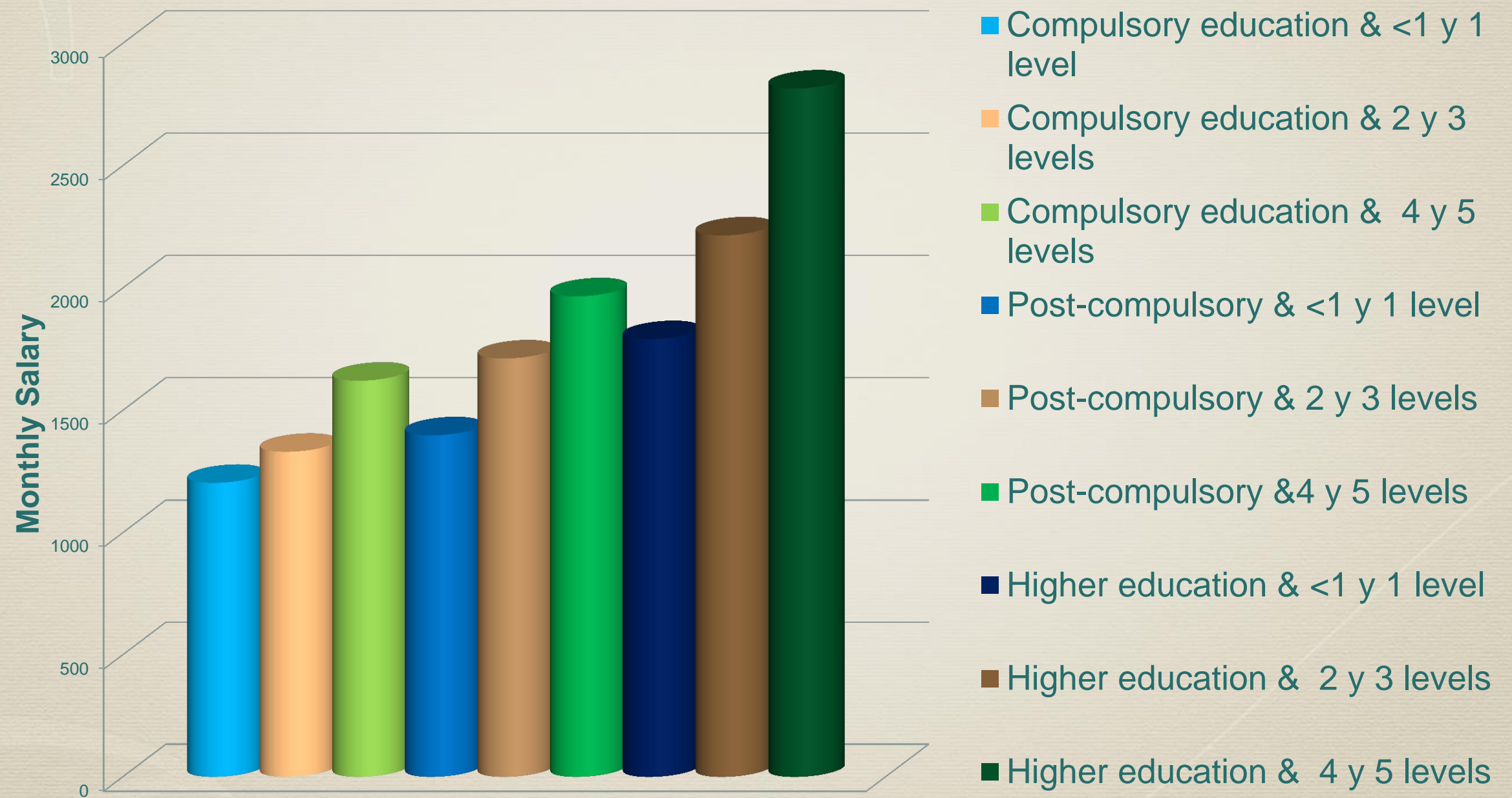
(Score level 4/5 compared to level 1 or below)

Percentage of Spanish adults in each  
labour market status



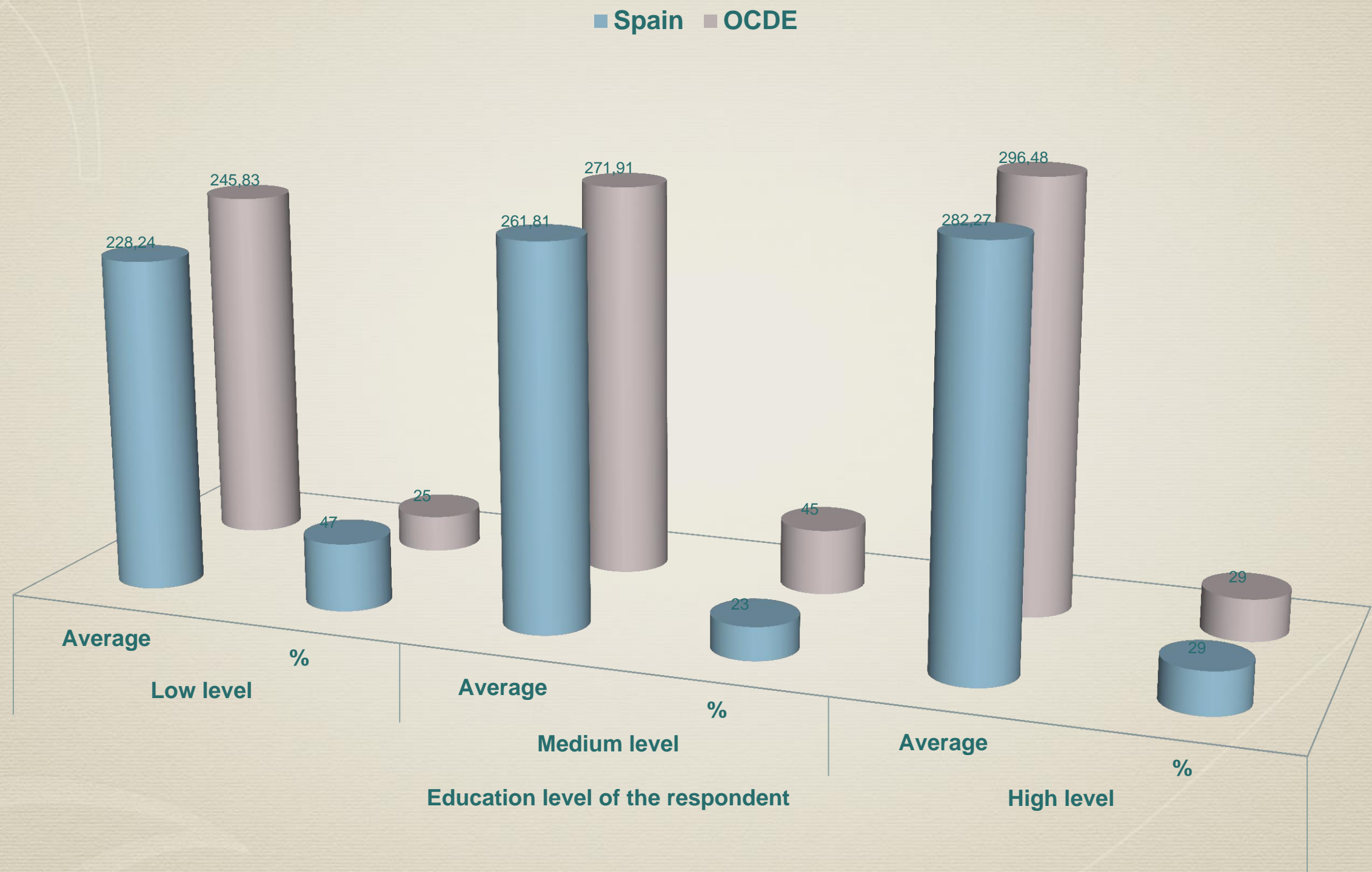


# Monthly salary per literacy level and educational level





# Literacy averages and percentages by education level of respondents





# Extracting information from the PIAAC assessment

- \* The adults from 16- 65 have low levels of literacy and numeracy.
- \* There is some correlation between the PIAAC results and PISA.
- \* The PISA results are not good.
- \* There is a correlation between the level of proficiency in numeracy and reading with salary.
- \* The competence level correlated positively with the possibility of being employed.
- \* The competence level correlated with participation in lifelong learning.
- \* The skill level attained by our teachers is not good.

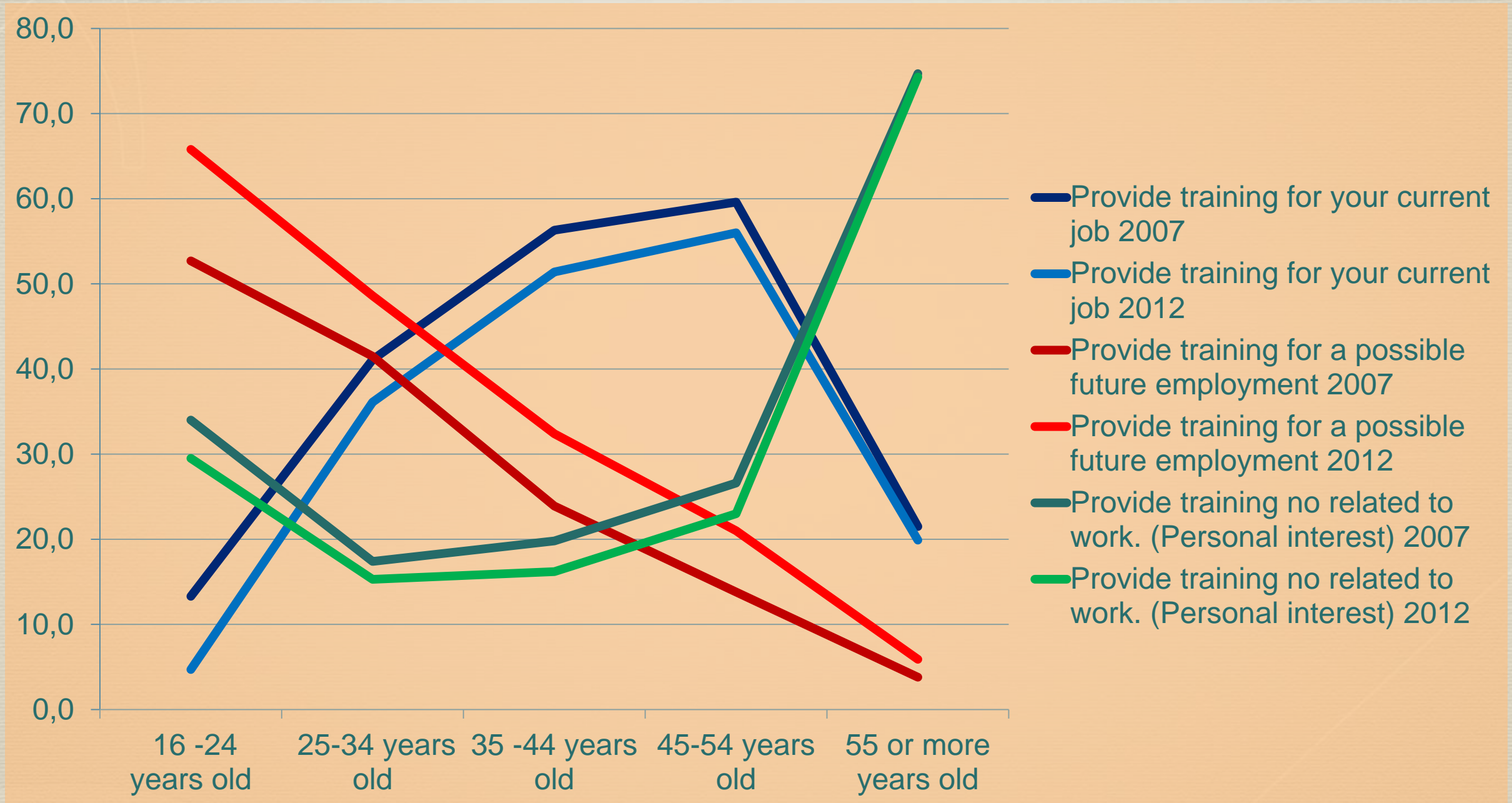




**More Spanish Data.**



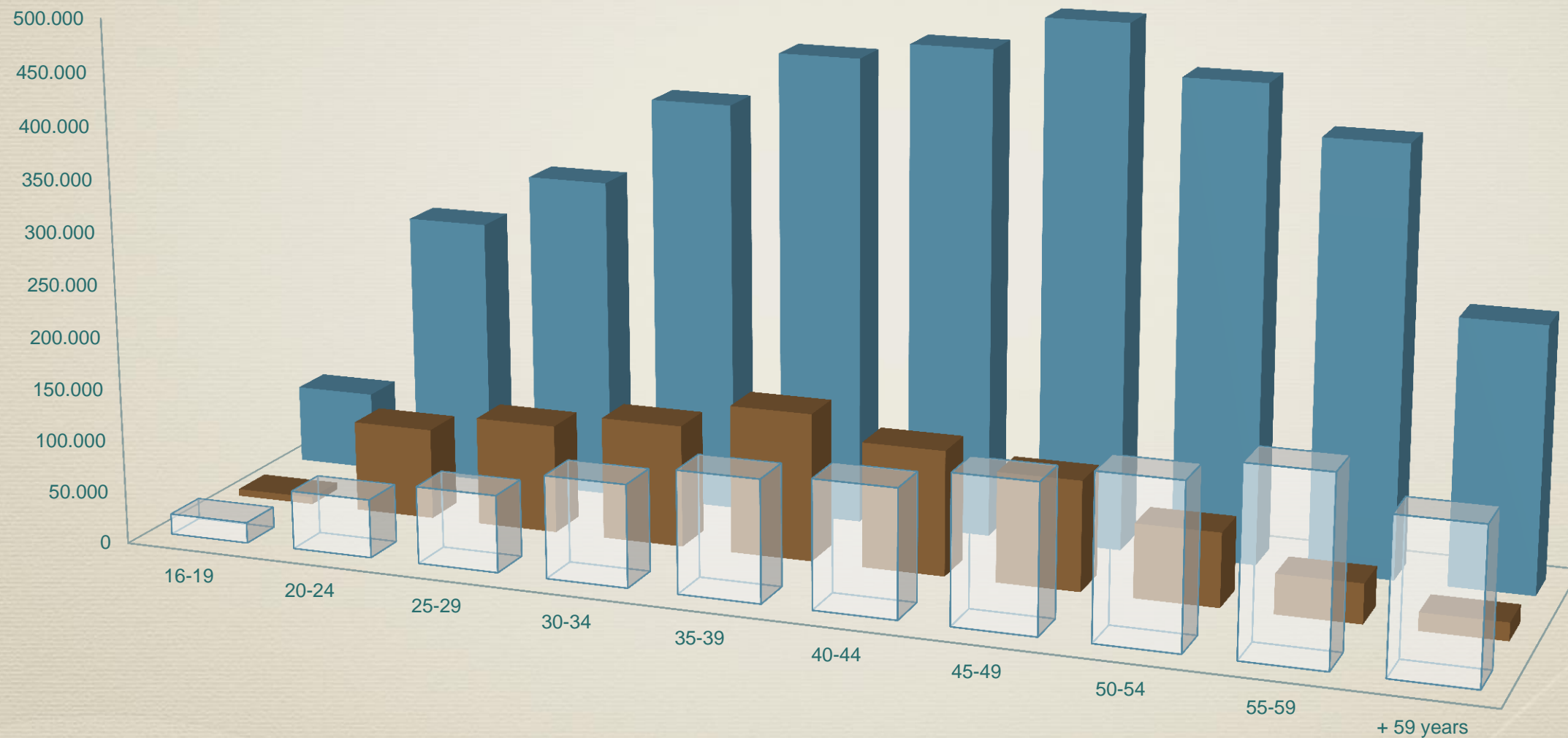
# Distribution of the percentage of the population aged 16 or over, in informal training by learning objectives.



Source INE 2012. Authors.



# Pending request for employment. January 2014

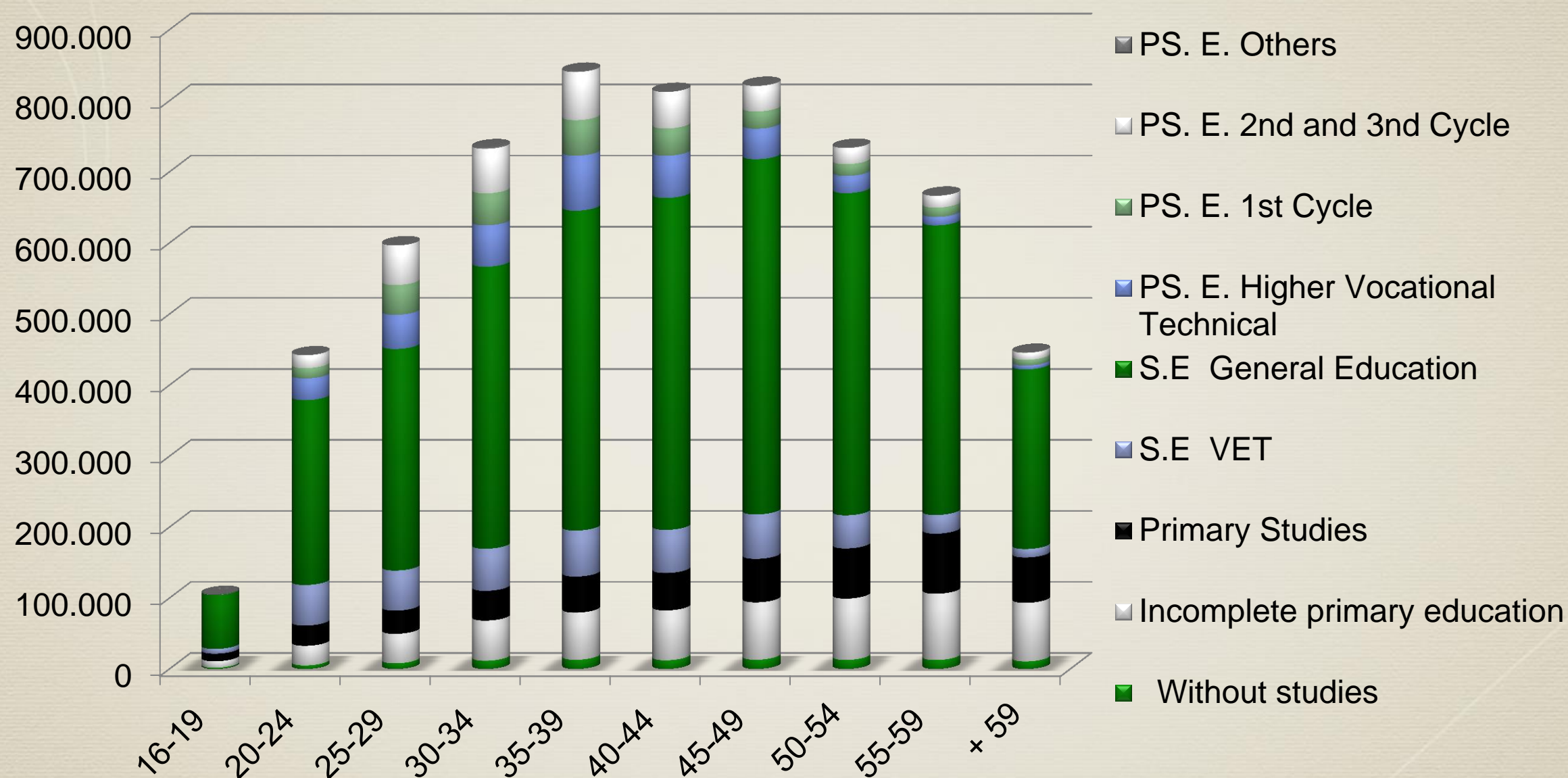


Source: SEPE ,January 2014. Authors.

□ Primary Education   ■ VET   ■ General Education



# Pending requests for employment by level of educational attainment and age





# Conclusion

- Decisions should be based on proven evidence
- Education is related to all aspects of the development of the whole person.
- Education is an individual right and an institutional duty.
- PIAAC provides proven and relevant information for decision-making in the field of education, employment and even in economy.
- The Spanish adult population needs to participate more in training and this should be of a high quality.
- The new law has been designed taking into account empirical data and tries to mitigate the shortcomings of the educational system.



**Thank you so much**