



University of Helsinki and Aalto University welcome you to
EUNIS Rectors Conference 2014 April 3-5
Helsinki and Espoo, Finland

The New Digital Era in Higher Education

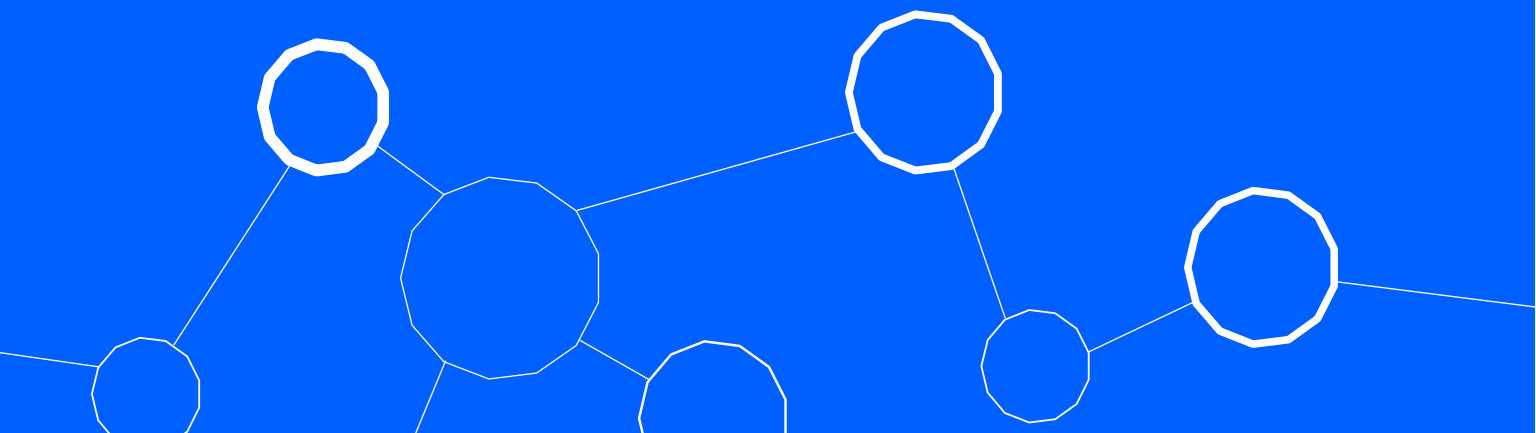


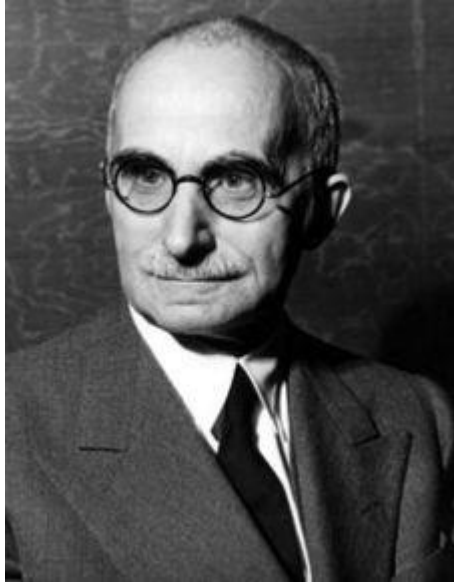
University quality assurance and graduate placement

Andrea Cammelli

Professor at the University of Bologna

Founder and Director, AlmaLaurea, Italy





LUIGI EINAUDI

President of the Italian Republic

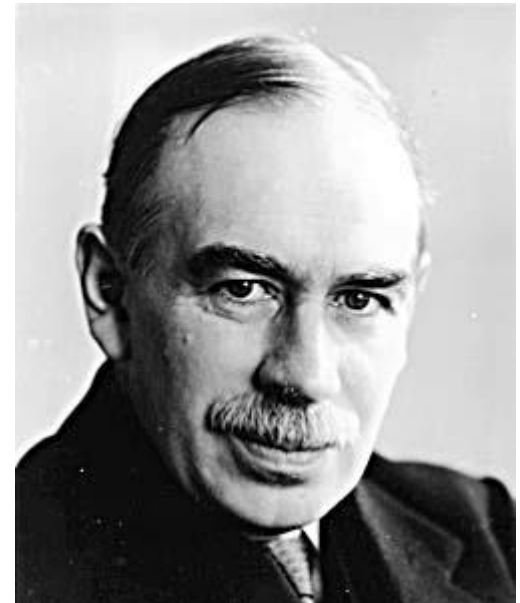
“Knowing to decide”
in *Prediche inutili*
(Useless Sermons), 1956

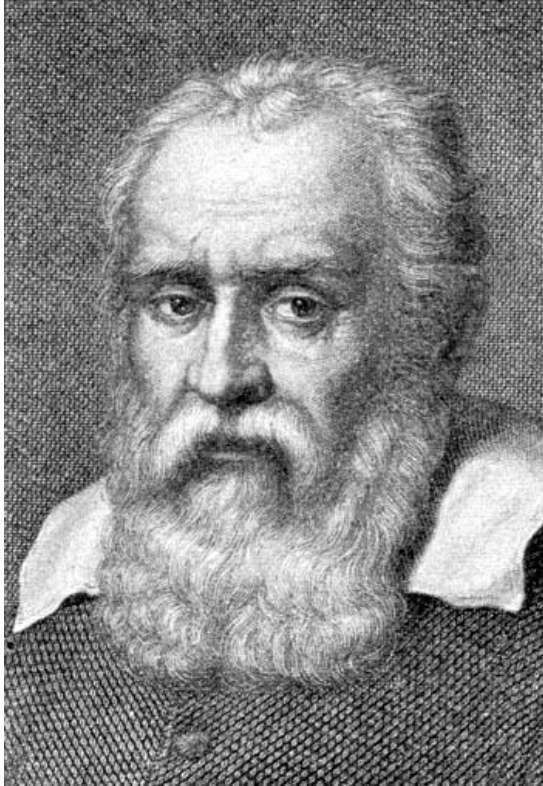
J. M. KEYNES

British Economist

“There is nothing a government hates more than to be well-informed, for it makes the process of arriving at decisions much more complicated and difficult”

The Times, 1937





GALILEO GALILEI

Astronomer and Instrument Maker

He stood before the Cardinals of the Congregation for the Doctrine of the Faith, that were reluctant to approach the telescope

The AlmaLaurea System

**64 member
Universities**

**Over 80%
of Italian Graduates**

AlmaLaurea's activities
are based
on three pillars

The graduates' profile: an annual survey (based on the previous year data) and report on the internal efficiency of the higher education system

The graduates' employment conditions: an annual survey and report on the external efficiency of the higher education system

The online databank of graduates' curricula: a powerful tool that improves the match between supply and demand of graduates and their transnational mobility (CVs are made available online three/four months before graduation time)

The AlmaLaurea System

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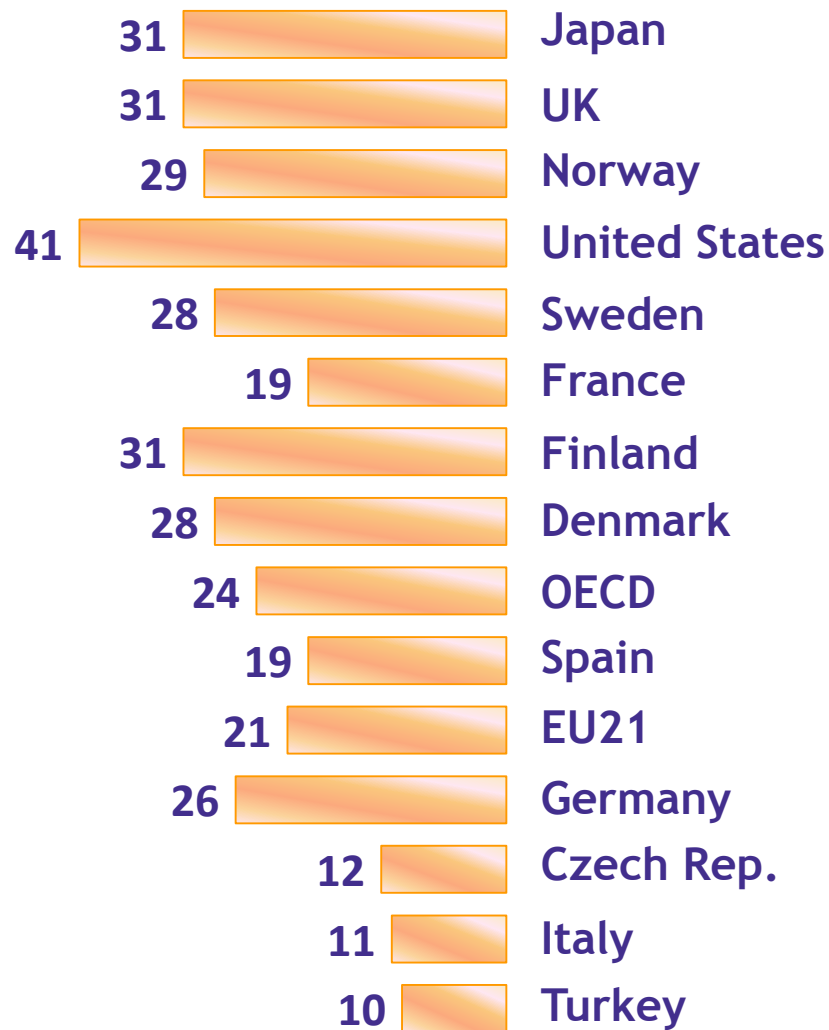
This complete, periodic, well-timed and updated documentation is provided to the governing bodies of the universities that are part of the consortium, to Committees dealing with teaching Activities and career guidance and made available to all the stakeholders involved in higher education issues - families, students, companies and policy-makers - as a solid basis for fostering all decision-making processes and activity planning

The graduates' profile: an annual survey (based on the previous year data) and report on the internal efficiency system

employment
annual survey
internal efficiency
information system

of graduates'
annual tool that
improves the match between supply and demand of graduates and their transnational mobility (CVs are made available online three/four months before graduation time)

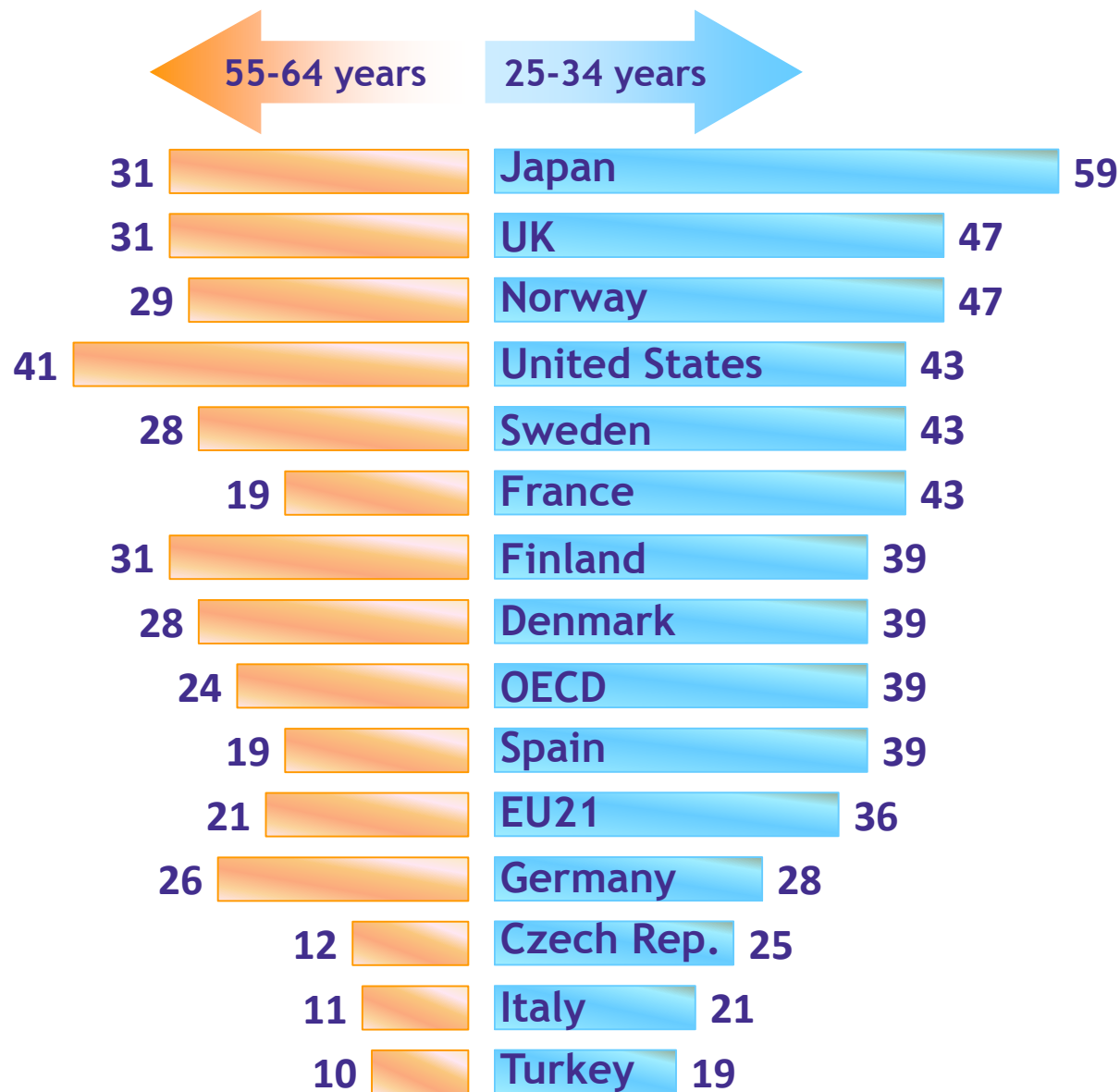
Population with tertiary education by age groups



source:
OECD, 2013
reference
year: 2011

percentage values

Population with tertiary education by age groups



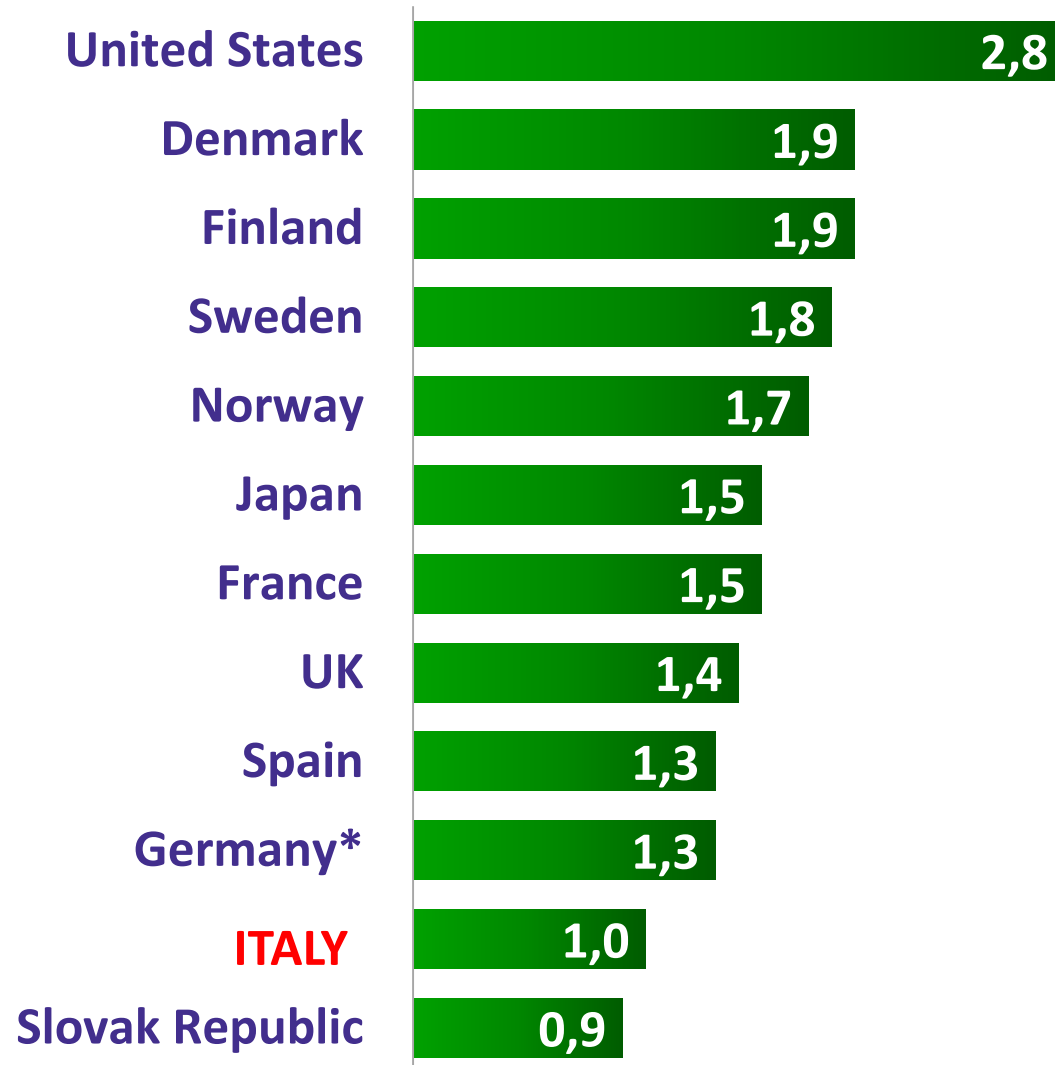
source:
OECD, 2013
reference
year: 2011

percentage values

Public and private expenditure in higher education as a percentage of GDP

source:
OECD, 2013
reference
year: 2010

* reference
year: 2009



percentage values

Cumulative expenditure per graduate over the average duration of tertiary studies

SPENDING PER GRADUATE
ITALY:
43.283 \$ USA (ppp)

source: OECD,
2012 reference
year 2010

* reference
year: 2009

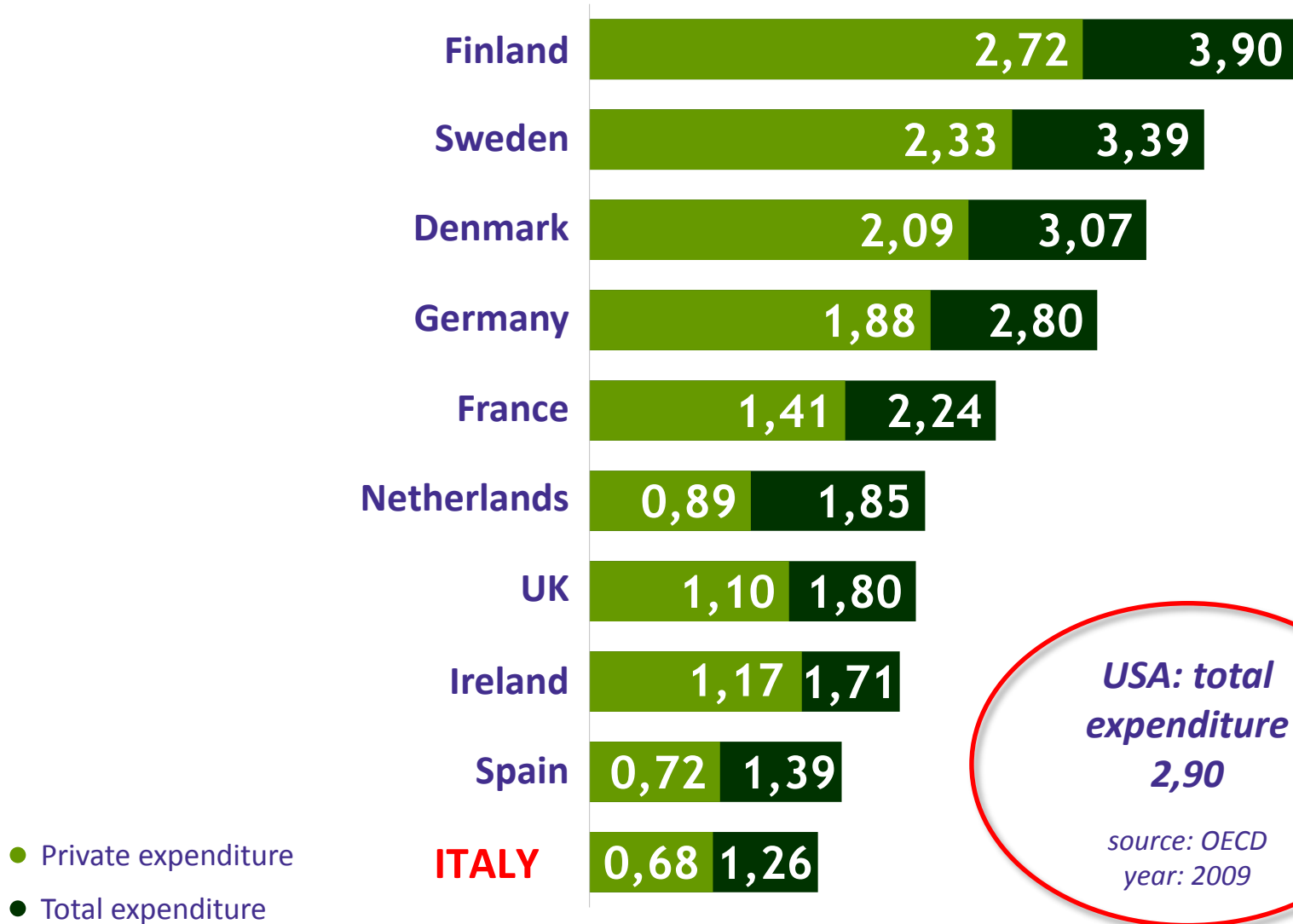


index numbers



Total and private expenditure on R&D as a percentage of GDP

source:
ISTAT, 2013
reference
year
2010



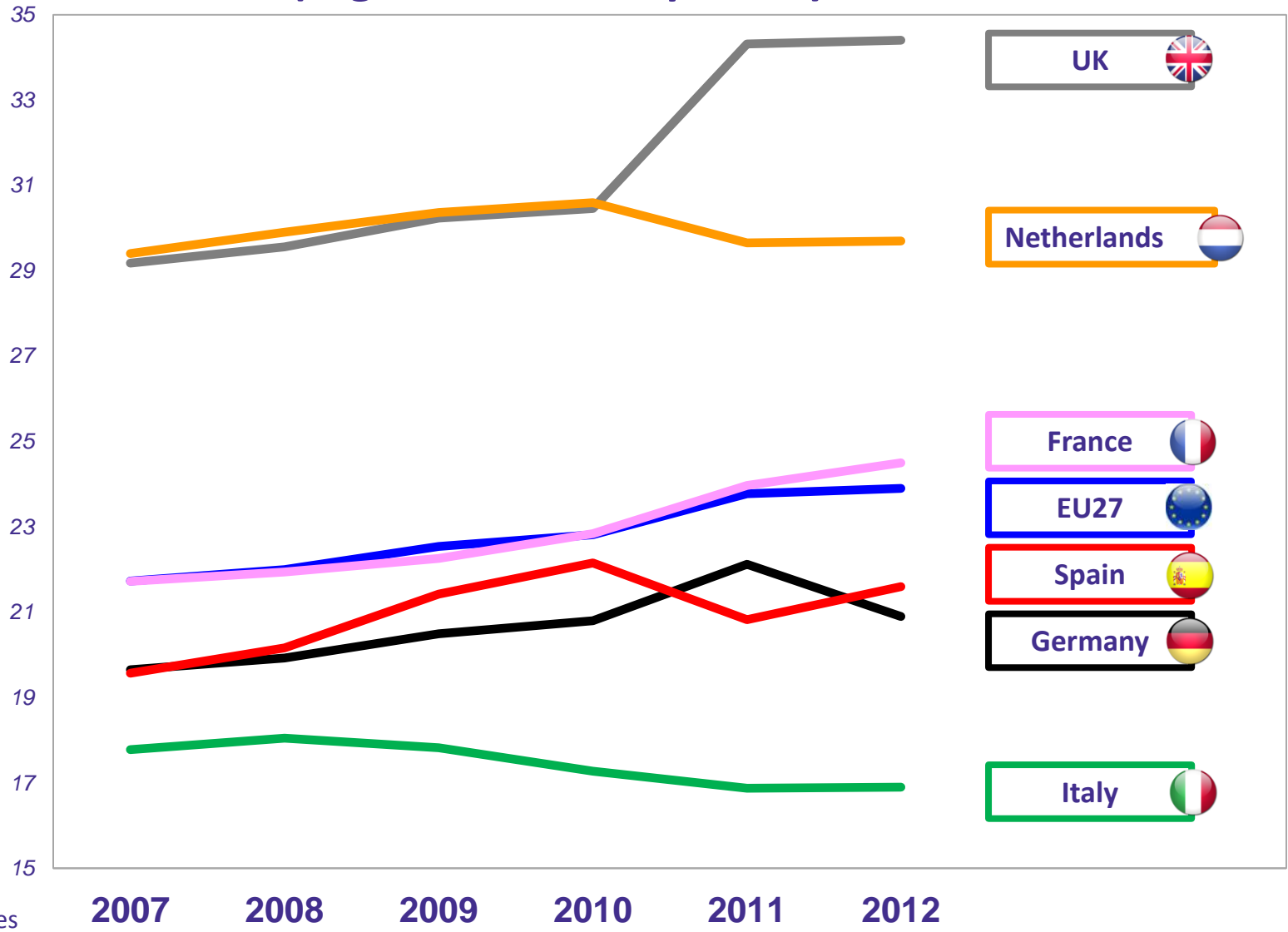
Managers by level of education

source:
AlmaLaurea
elaboration
on Eurostat
data, 2012

Country/Area	Compulsory Schooling or lower qualification	Secondary School qualification	Degree or higher qualification
Finland	4	17	78
France	9	27	64
Denmark	13	26	61
Spain	19	22	58
Norway	8	38	54
EU27	11	36	53
EU15	13	35	52
UK	13	35	52
Germany	5	44	51
Sweden	6	43	50
Italy	28	48	24

percentage values

Employed as *Manager or Professional* (high skilled occupation)



source:
elaboration
on Eurostat
data,
2007-2012

Classific. Isco
88 1, 2

percentage values

Employment rate up to one year: a comparative study by kind of degree course

GRADUATES
2012-2007

source:
AlmaLaurea
2014

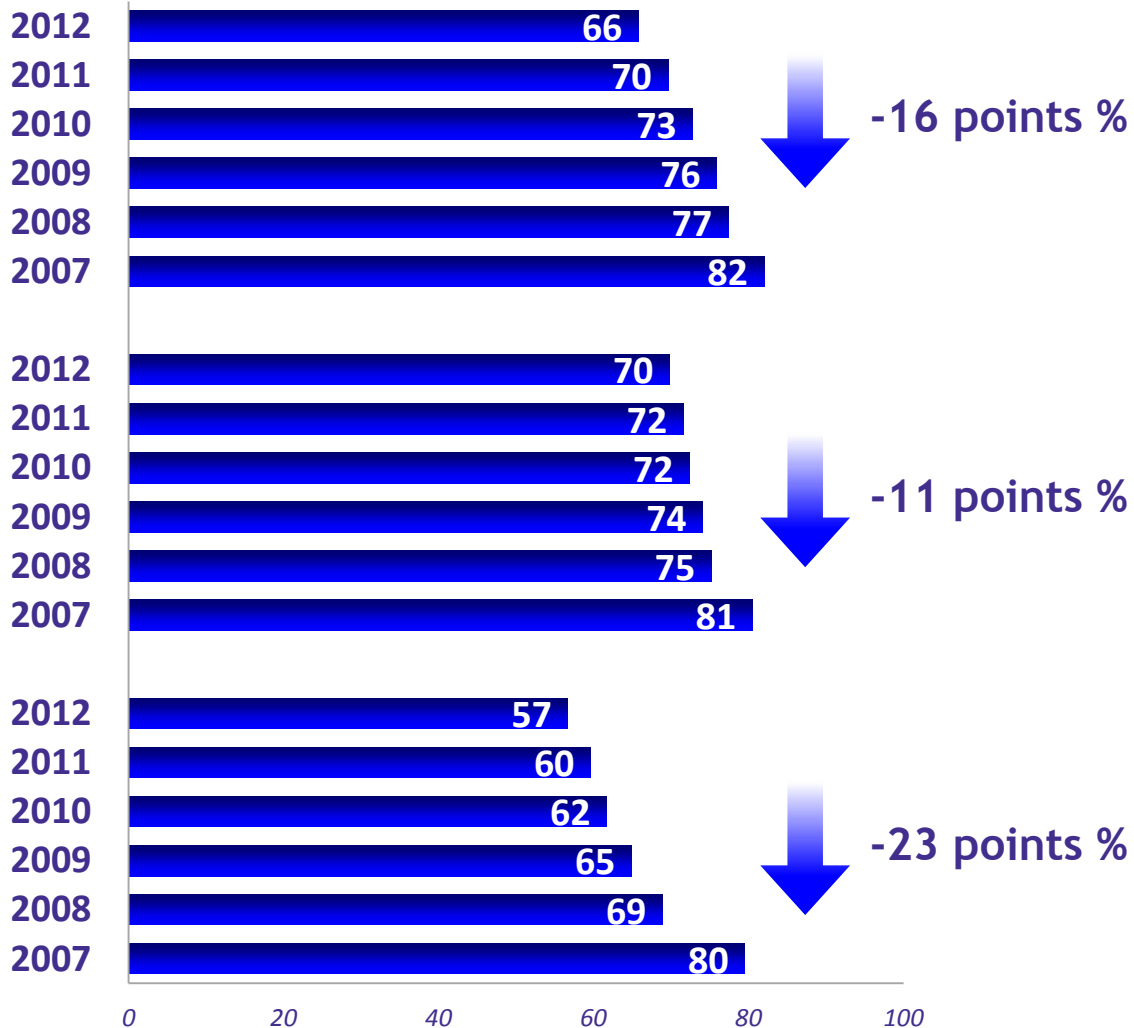
def. ISTAT
Labour Forces

first cycle: only
graduates not
involved in
another degree
were
considered

First level/
Bachelor

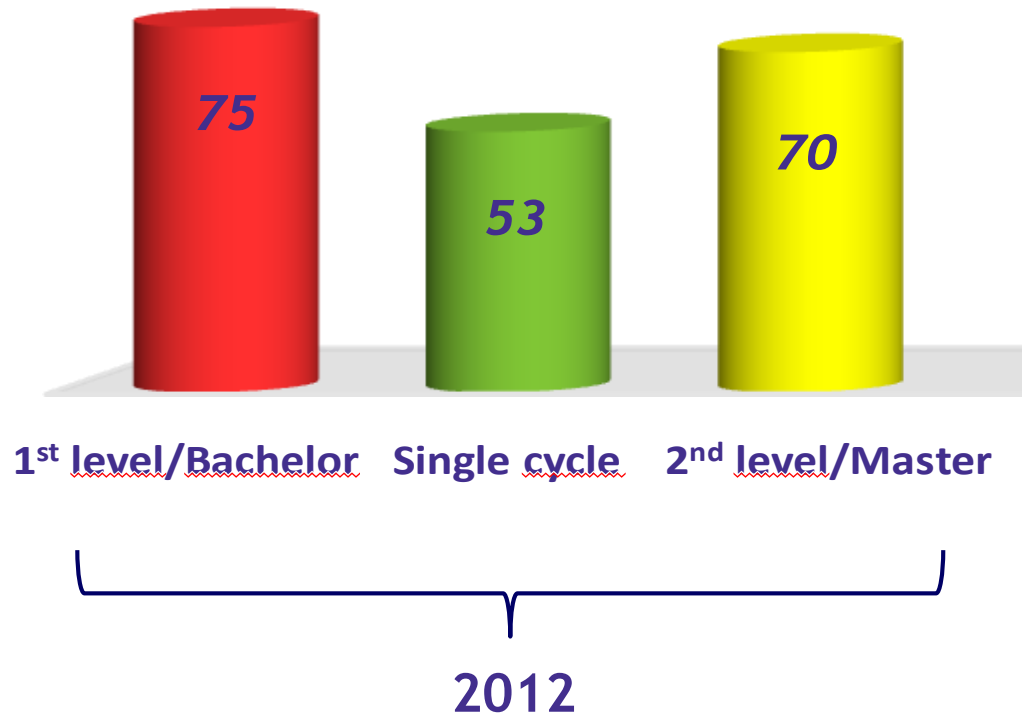
Second level/
Master

Single cycle



Educational level of graduates' parents *both parents with qualification lower than degree*

source:
AlmaLaurea
2013



percentage values

Employment and graduates: some factors that positively affect the probability to work up to one year

FIRST LEVEL
AND MASTERS 2012

Under the same conditions...



+9% study experiences ABROAD

+14% INTERNSHIP/TRAINING during university



source:
AlmaLaurea
2014
logistic
regression
model
(correct
classification
rate: 64%)

Employment status up to one, three and five years

MASTERS 2008

source:
AlmaLaurea
2014

	Employment Rate
1 year	75
3 years	86
5 years	87

percentage values

Employment status up to one, three and five years

MASTERS 2008

source:
AlmaLaurea
2014

	Employment Rate	Unemployment Rate
1 year	75	16
3 years	86	9
5 years	87	8

percentage values

Employment status up to one, three and five years

MASTERS 2008

source:
AlmaLaurea
2014

	Employment Rate	Unemployment Rate	Permanent workers
1 year	75	16	38
3 years	86	9	57
5 years	87	8	73

percentage values

Employment status up to one, three and five years

MASTERS 2008

source:
AlmaLaurea
2014

	Employment Rate	Unemployment Rate	Permanent workers	Earnings
1 year	75	16	38	1.115
3 years	86	9	57	1.261
5 years	87	8	73	1.383

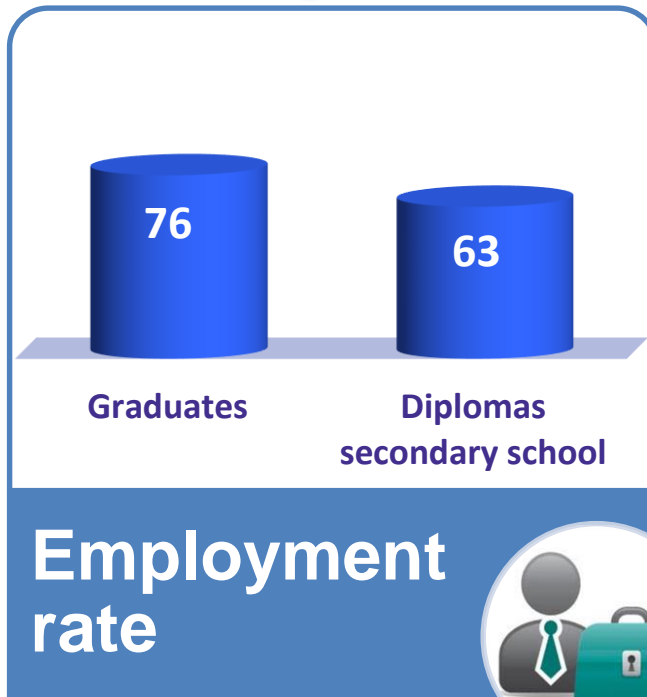
Trends confirmed also among first level and single cycle graduates

percentage values
and average in euro

Degree = more employability?



Not to forget...



**Employment
rate**



Up to age 64

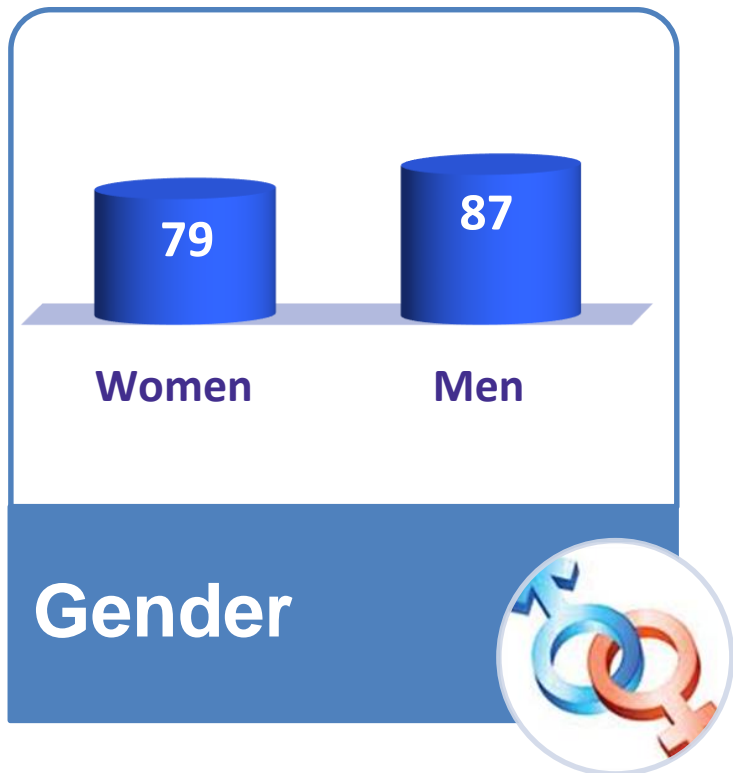
(percentage values)

Source: ISTAT 2013

The Italian labour market is characterized by a very late access
and human capital enhancing

Employment rate up to five years by gender and residence at graduation

MASTERS 2008



source:
AlmaLaurea
2014

Def. ISTAT
Labour Forces

Differences also by category of professional activity, earnings and generally confirmed by degree subject group

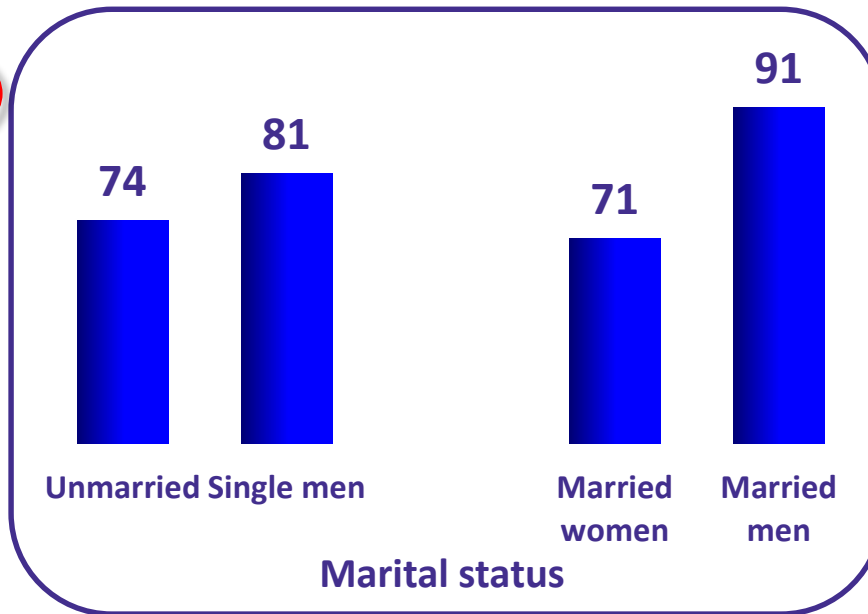
percentage values

Quota who works up to five years by gender, marital status and children

MASTERS 2008

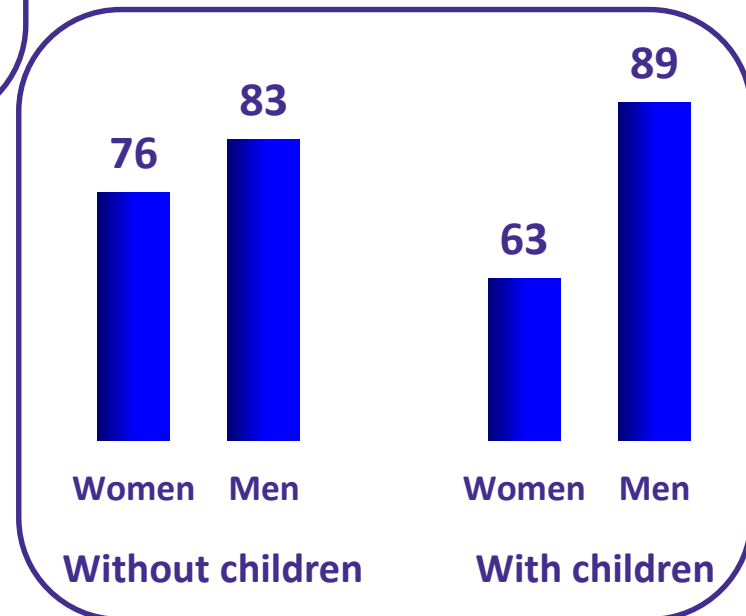
source:
AlmaLaurea
2014

only the ones
who did not
work at
graduation
were
considered



Δ employment
in point %
(MEN-WOMEN)
Unmarried-single men: +7
Married: +20

Δ employment
in point %
(MEN-WOMEN)
Without children: +6
With children: +26



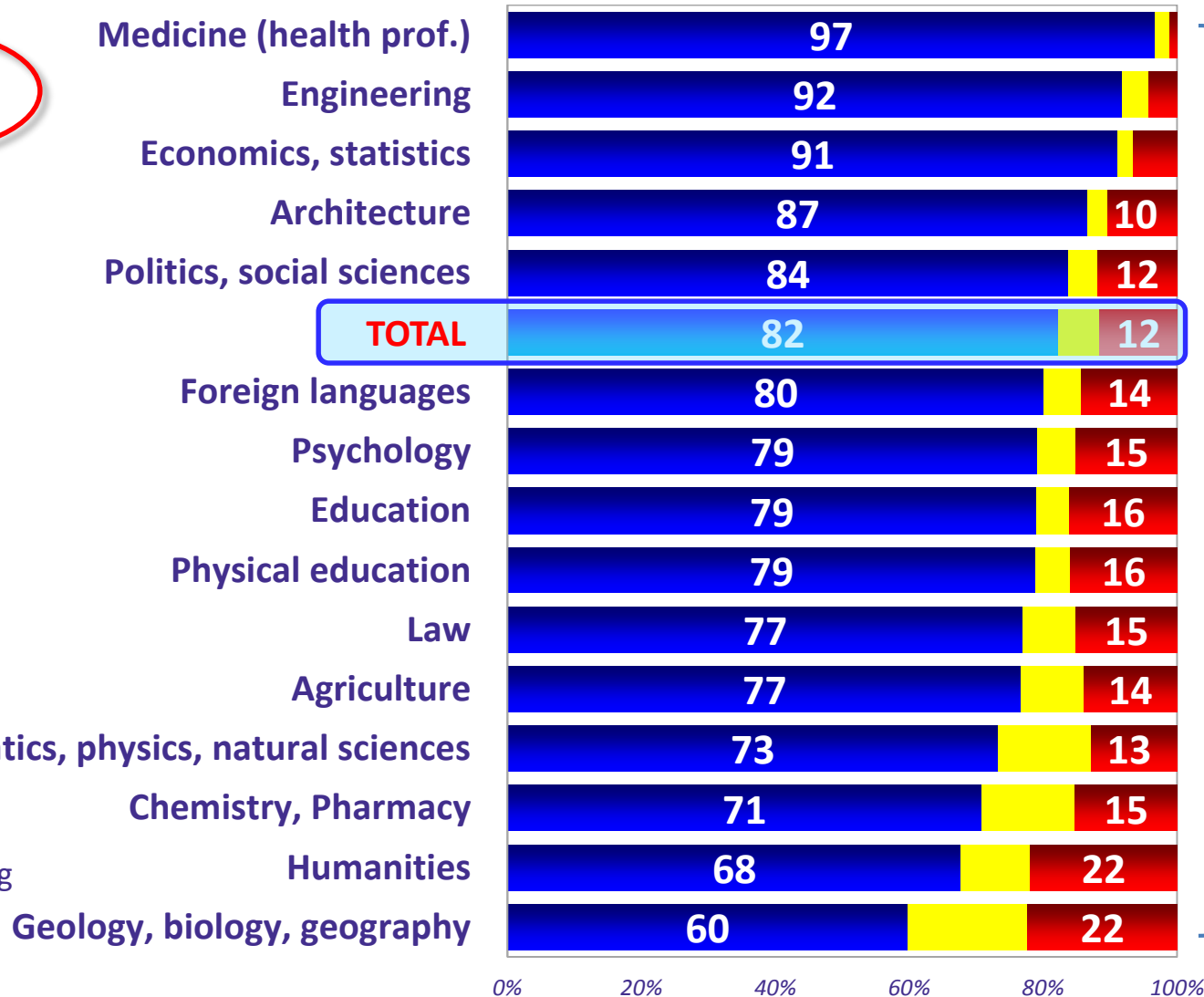
percentage values

Employed condition up to five years by degree subject grouping

MASTERS 2008

source:
AlmaLaurea
2014

defence,
security
and military
studies group
not reported

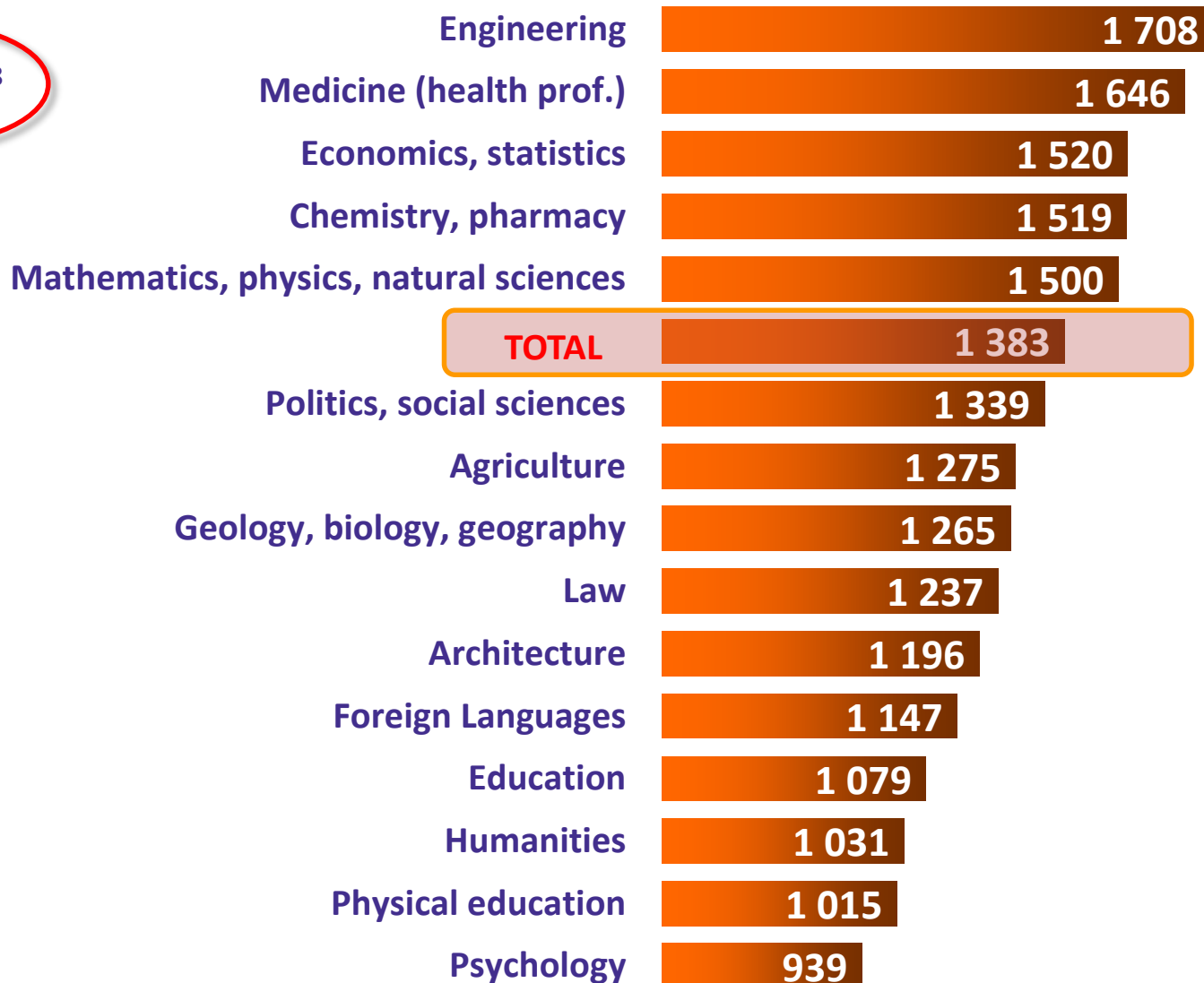


Δ employed
(health prof.
Geo-biol.)
+37
points %

- working
- not searching
- searching

Monthly income up to five years by degree subject grouping

MASTERS 2008



Δ earnings
(Engineering-
Psychology)
+82%

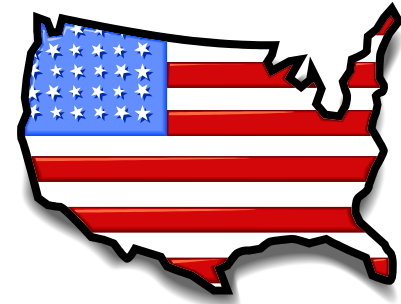
source:
AlmaLaurea
2014

defence,
security
and military
studies group
not reported

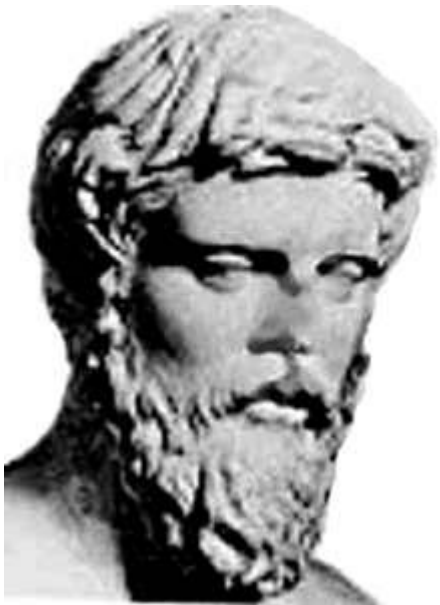
average values
in euro

The European Commission approved 3 three-year collaboration projects with various universities from the Mediterranean area (**Morocco, Tunisia, Armenia, Serbia, Bosnia, Croatia** and **Montenegro**).

The AlmaLaurea model presented at the **World Bank** (June 2013).



AlmaLaurea is also developing new collaborations with Universities from **South America** and **South-East Asia**.



PLUTARCH (46-120 D.C.)

Greek historian, biographer, and essayist

*“Young people are not vessels
to be filled, but torches
to be kindled”*

Thank you!



www.almalaura.it

