

# Facts and figures

Ministerio  
de Educación, Cultura  
y Deporte

2016/2017 school year

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# Facts and figures

## 2016/2017 school year

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Facts and figures. 2016/2017 school year

*The figures presented here were obtained under a framework of cooperation with Spain's autonomous communities in matters of statistics, through the Education Sector Conference's Statistics Committee.*



MINISTERIO DE EDUCACIÓN, CULTURA  
Y DEPORTE

Secretaría General Técnica  
Subdirección General de Estadística y Estudios

Edita:

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Subdirección General de Documentación y Publicaciones

Edición: 2016

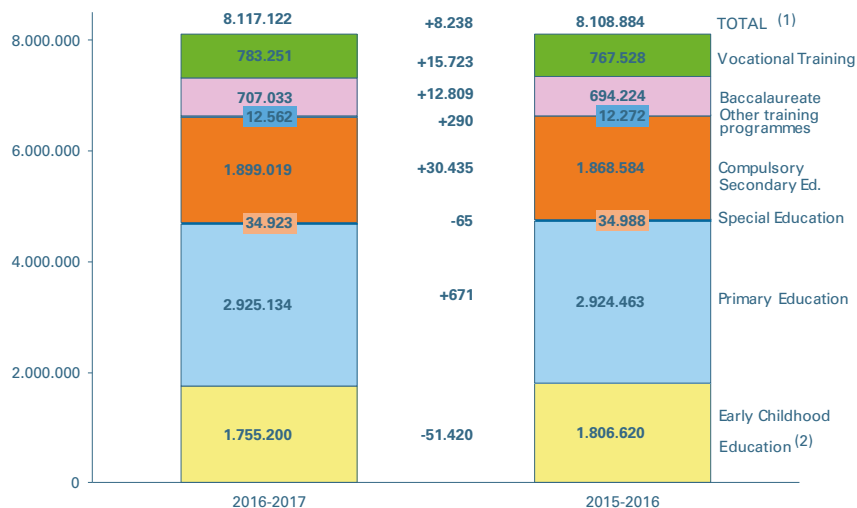
NIPO línea 030-15-168-8

**DOI: 10.4438/030-15-168-8-2016-2017**

Preimpresión: Imprenta Nacional de la AEBOE  
Avda. de Manoteras, 54. 28050 Madrid

## Forecast students. 2016-2017 school year

### Forecast students in the non-university general education system for the 2016-2017 school year



(1) The TOTAL in 2015-2016 includes 205 students of Initial Vocational Qualification Programmes.

(2) Students enrolled at schools authorized by the education authorities.

### Change in students in the non-university general education system over the previous school year, by education stage/type

	Forecast	Change over previous school year	
	2016-2017	Absolute	%
<b>TOTAL (1)</b>	<b>8,117,122</b>	<b>8,238</b>	<b>0,1</b>
Early childhood education	1,755,200	-51,420	-2,8
Early childhood education, first stage (2)	443,517	-975	-0,2
Early childhood education, second stage	1,311,683	-50,445	-3,7
Primary education	2,925,134	671	0,0
Special education	34,923	-65	-0,2
Compulsory secondary education	1,899,019	30,435	1,6
Baccalaureate	707,033	12,809	1,8
Baccalaureate - classroom attendance required	654,437	11,274	1,8
Baccalaureate - distance education	52,596	1,535	3,0
Vocational training	783,251	15,723	2,0
Basic vocational training	63,348	1,323	2,1
Intermediate vocational training (3)	357,554	7,328	2,1
Advanced vocational training (3)	362,349	7,072	2,0
Other training programmes	12,562	290	2,4

(1) To compute the difference with the previous school year, there are 205 students of Initial Vocational Qualification Programmes counted in 2015-2016.

(2) Students enrolled at schools authorized by the education authorities.

(3) Classroom and distance students are included. Students in distance education have been estimated at 28,288 students on intermediate level and 50,148 on advanced level.

# Students

## Students in the non-university education system by sex and school ownership/financing. 2015-2016 school year

Students	Sex <sup>(1)</sup>		Owned/financed by			
	% Male	% Female	% Public	% Gov. dep. private inst. <sup>(2)</sup>	% Indep. private inst. <sup>(2)</sup>	
<b>General education system</b>	<b>8.108.884</b>	<b>51,7</b>	<b>48,3</b>	<b>67,8</b>	<b>25,8</b>	<b>6,4</b>
Early childhood education	1.806.620	51,7	48,3	63,7	25,5	10,8
Early childhood education, first stage <sup>(3)</sup>	444.492	52,0	48,0	51,4	15,4	33,3
Early childhood education, second stage	1.362.128	51,6	48,4	67,7	28,6	3,7
Primary education	2.924.463	51,5	48,5	67,7	28,5	3,8
Special education	34.988	62,9	37,1	57,9	42,0	0,2
Compulsory secondary education	1.868.584	51,4	48,6	65,6	30,9	3,5
Baccalaureate	694.224	47,6	52,4	76,2	10,1	13,7
Baccalaureate - classroom attendance required	643.163	47,4	52,6	74,7	10,8	14,5
Baccalaureate - distance education	51.061	50,7	49,3	95,8	0,0	4,2
Vocational training	767.528	55,6	44,4	76,4	17,3	6,3
Basic vocational training	62.025	71,4	28,6	77,3	22,6	0,1
Intermediate vocational training (classroom attendance required)	325.047	57,8	42,2	74,5	22,2	3,3
Advanced vocational training (classroom attendance required)	309.528	54,1	45,9	75,8	14,3	9,9
Distance vocational training	70.928	40,2	59,8	86,7	0,0	13,3
Initial vocational qualification programmes	205	69,0	31,0	54,1	45,2	0,7
Other training programmes	12.272	68,3	31,7	68,1	11,5	20,5
<b>Specialised education system</b>	<b>863.168</b>	<b>37,9</b>	<b>62,1</b>	<b>91,9</b>	-	<b>8,1</b>
Arts and design	28.822	38,3	61,7	90,7	-	9,3
Intermediate vocational training	3.652	53,2	46,8	95,2	-	4,8
Advanced vocational training	13.942	38,4	61,6	95,3	-	4,7
Higher studies	11.228	33,3	66,7	83,5	-	16,5
Music	323.693	45,9	54,1	85,2	-	14,8
Elementary education	44.808	42,7	57,3	88,5	-	11,5
Professional education	45.505	46,6	53,4	91,4	-	8,6
Higher studies	8.619	58,9	41,1	78,2	-	21,8
Non-formal studies <sup>(4)</sup>	224.761	45,9	54,1	83,5	-	16,5
Dance	34.370	7,0	93,0	64,1	-	35,9
Elementary education	4.918	6,8	93,2	78,0	-	22,0
Vocational education	3.664	11,9	88,1	81,5	-	18,5
Higher studies	750	15,8	84,2	86,0	-	14,0
Non-formal studies <sup>(4)</sup>	25.038	6,0	94,0	58,2	-	41,8
Drama	2.421	40,1	59,9	86,6	-	13,4
Master in arts	226	61,9	38,1	58,0	-	42,0
Official schools of languages	462.342	33,5	66,5	100,0	-	0,0
Sport studies	11.294	90,2	9,8	43,8	-	56,2
Formal adult education	303.541	47,5	52,5	97,3	-	2,7
Non-formal adult education	234.571	29,0	71,0	99,0	-	1,0

(1) Figures for the 2014-2015 school year.

(2) The distribution of private education with and without government financing is estimated on the basis of data for the 2014-2015 school year.

(3) Students enrolled at schools authorized by the education authorities. In government dependent private education, this refers to subsidized education.

(4) Education attaining no academic or vocational certificate, provided in schools regulated by the education authorities.

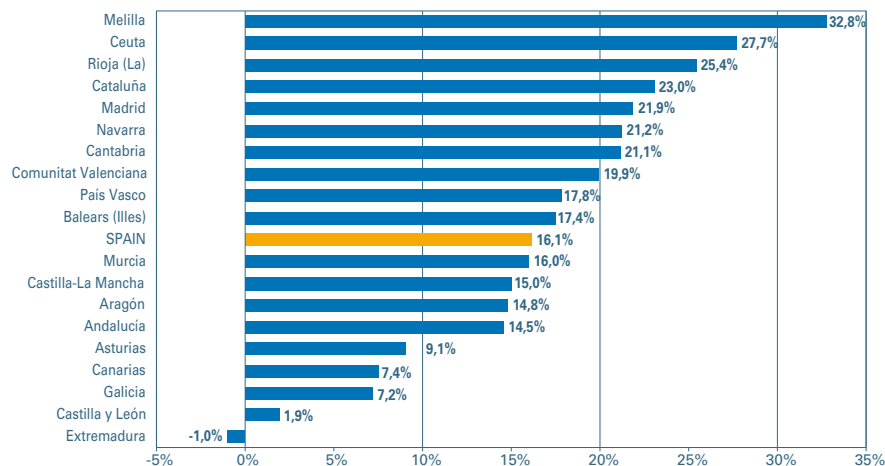
## Students by autonomous community

### Distribution of students in the non-university general education system by autonomous community. 2015-2016 school year

	Total	Early childhood education	Primary education	Special education	Compulsory secondary education	Baccalaureate	Vocational training	Other training progr. <sup>(1)</sup>
<b>TOTAL</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Andalucía	19,9	19,9	19,9	20,2	20,3	21,4	17,5	1,7
Aragón	2,6	2,7	2,6	2,6	2,6	2,5	2,8	4,0
Asturias (Principado de)	1,7	1,5	1,7	1,2	1,7	1,8	2,2	0,1
Balears (Illes)	2,2	2,1	2,4	1,9	2,3	1,8	1,8	1,0
Canarias	4,4	3,3	4,3	5,1	4,7	5,3	5,5	3,5
Cantabria	1,2	1,1	1,1	1,1	1,1	1,1	1,5	2,1
Castilla y León	4,4	3,8	4,3	3,7	4,5	5,4	5,2	0,1
Castilla-La Mancha	4,5	4,4	4,5	4,0	4,6	4,6	4,7	0,8
Cataluña	16,4	17,2	16,7	20,8	16,1	13,2	16,4	57,2
Comunitat Valenciana	10,6	10,2	10,8	8,9	10,5	9,1	12,3	3,6
Extremadura	2,3	2,1	2,2	1,9	2,4	2,5	2,4	2,1
Galicia	5,0	4,9	4,7	3,4	4,8	5,5	6,4	1,3
Madrid (Comunidad de)	14,3	16,1	14,2	14,7	13,9	15,3	10,6	15,1
Murcia (Región de)	3,5	3,3	3,7	3,5	3,7	3,7	3,2	4,0
Navarra (Comunidad Foral de)	1,4	1,4	1,4	1,8	1,4	1,3	1,1	2,6
Pais Vasco	4,6	5,1	4,4	3,8	4,3	4,3	5,0	0,6
Rioja (La)	0,7	0,7	0,7	0,7	0,7	0,6	0,8	0,1
Ceuta	0,2	0,2	0,3	0,4	0,2	0,2	0,3	0,0
Melilla	0,3	0,3	0,3	0,3	0,2	0,2	0,2	0,1

(1) Marginal students of basic professional training are included (initiated during this school year).

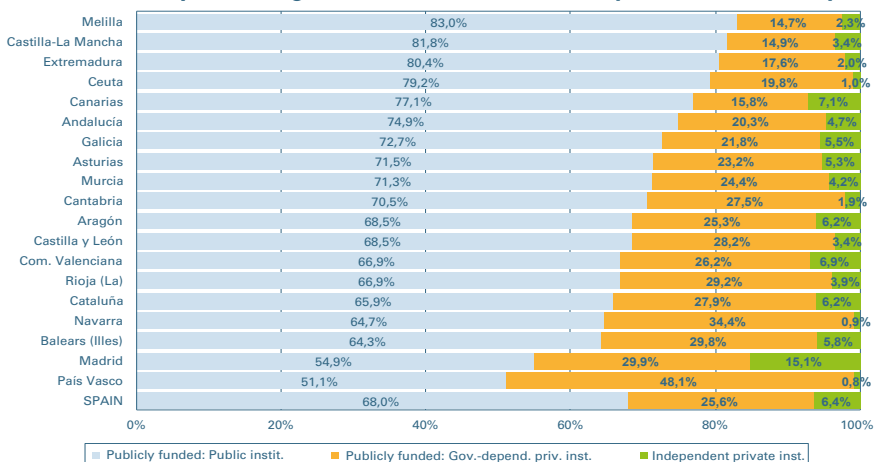
### Change in students in the non-university general education system between the 2005-2006 school year and the 2015-2016 school year, by autonomous community (in percentage)



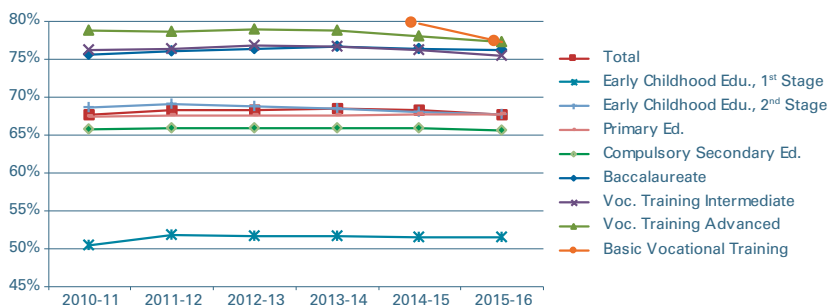
# Students

## Public and private institutions

### Distribution of students in the non-university general education system by school ownership/financing and autonomous community. 2014-2015 school year



### Trends of student percentages at public institutions by education type and stage. Non-university general education system



	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
<b>TOTAL</b>	<b>67,8</b>	<b>68,1</b>	<b>68,1</b>	<b>68,2</b>	<b>68,0</b>	<b>67,8</b>
Early childhood education, first stage	50,4	51,7	51,6	51,6	51,4	51,4
Early childhood education, second stage	68,6	69,0	68,7	68,5	68,0	67,7
Primary education	67,4	67,5	67,5	67,5	67,7	67,7
Compulsory secondary education	65,7	65,8	65,9	65,9	65,8	65,6
Baccalaureate <sup>(1)</sup>	75,6	76,1	76,3	76,6	76,4	76,2
Basic vocational training	-	-	-	-	79,7	77,3
Intermediate vocational training <sup>(1)</sup>	76,2	76,3	76,8	76,5	76,2	75,4
Advanced vocational training <sup>(1)</sup>	78,7	78,6	78,9	78,7	78,0	77,2

(1) Counting programmes requiring classroom attendance and distance programmes.

## Specific educational support needs

### Percentage of students with special educational needs. 2014-2015 school year

	Total <sup>(1)</sup>	Early childhood education	Primary education	Compulsory secondary education	Baccalaureate	Vocational training	Initial voc. qual. prog./ Other train. prog.
<b>TOTAL</b>	<b>2,2</b>	<b>0,9</b>	<b>2,3</b>	<b>2,4</b>	<b>0,4</b>	<b>0,9</b>	<b>9,7</b>
Public Institutions	2,3	1,1	2,7	2,6	0,4	0,8	8,3
Government - Dependent private education	2,2	0,6	1,6	2,3	0,6	1,2	20,7
Independent private education	0,3	0,2	0,4	0,5	0,4	0,3	1,5
Male	2,8	1,2	3,0	3,2	0,6	1,0	9,0
Female	1,5	0,6	1,5	1,7	0,3	0,6	11,1

(1) The total includes students of specific special education.

## Educational action abroad

### Students in educational action abroad. 2015-2016 school year

	Total	Regulated studies <sup>(1)</sup>	Spanish language <sup>(2)</sup>
<b>TOTAL</b>	<b>135.724</b>	<b>94.443</b>	<b>41.281</b>
Schools owned by the Spanish government	8.276	8.276	-
Co-owned schools <sup>(3)</sup>	1.641	1.641	-
Spanish sections at foreign schools	10.572	10.572	-
Spanish presence at European schools	5.151	1.563	3.588
Spanish language and culture groups and workshops	14.527	-	14.527
Schools under agreements <sup>(3)</sup>	15.374	15.374	-
Bilingual sections	23.858	11.231	12.627
International Spanish academies (ISA)	56.325	45.786	10.539

(1) Studies pursuant to the education system.

(2) Spanish language and culture and Spanish as a second language.

(3) The data from countries in the southern hemisphere, where the school year and the calendar year are the same, are for the 2015 school year.

Source: S.G. de Promoción Exterior Educativa. Ministerio de Educación, Cultura y Deporte.



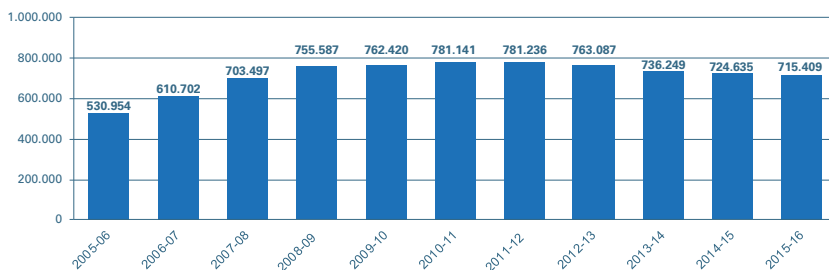
# Students

## Foreign students

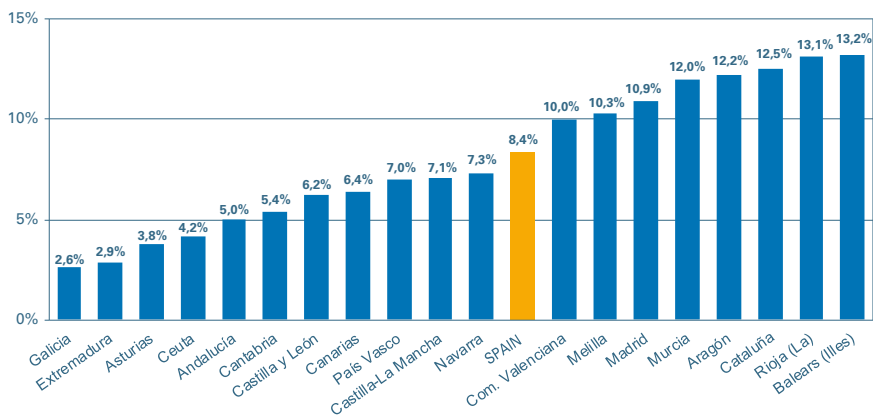
### Trends in foreign students. Non-university education system

	Courses			
	2005-06	2010-11	2014-15	2015-16
<b>TOTAL</b>	<b>530.954</b>	<b>781.141</b>	<b>724.635</b>	<b>715.409</b>
<b>General education system</b>	<b>518.167</b>	<b>749.288</b>	<b>693.018</b>	<b>683.988</b>
Early childhood education	94.162	133.841	149.984	148.018
Primary education	228.842	285.630	248.288	253.105
Special education	1.863	3.649	4.078	4.198
Compulsory secondary ed.	146.966	220.052	179.973	169.915
Baccalaureate	21.936	43.918	46.567	46.090
Basic vocational training	-	-	7.176	10.618
Intermediate vocational training	10.636	27.197	31.554	31.137
Advanced vocational training	8.656	18.274	17.865	17.878
Initial vocational qualification programmes (1)	5.106	16.727	4.203	22
Unknown level (gen. ed. system)	-	-	3.330	3.007
<b>Specialised education system</b>	<b>12.787</b>	<b>31.853</b>	<b>31.617</b>	<b>31.421</b>

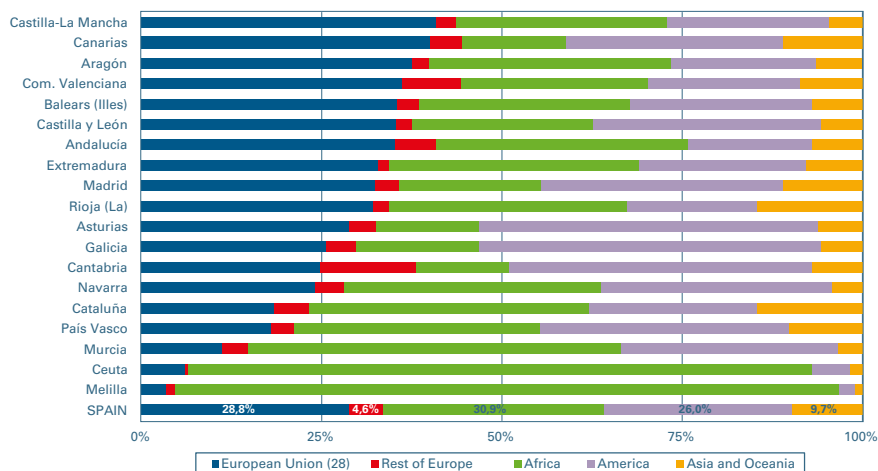
(1) The 2005-06 school year data refer to foreign students of vocational integration programmes.



### Percentage of foreign students by autonomous community. EE. Non-university general education system. 2015-2016 school year



## Distribution of foreign students by geographic origin. Non-university education system. 2015-2016 school year (in percentage)



## Distribution of foreign students by school ownership/financing. Non-university education system. 2014-2015 school year

	%Total	% Public	% Gov.-Dep. private ed.	% Indep. private ed.
<b>TOTAL</b>	<b>100,0</b>	<b>81,8</b>	<b>13,4</b>	<b>4,8</b>
Andalucía	100,0	84,7	7,7	7,7
Aragón	100,0	81,8	16,7	1,5
Asturias (Principado de)	100,0	81,5	16,4	2,1
Balears (Illes)	100,0	75,9	15,0	9,1
Canarias	100,0	87,8	5,5	6,7
Cantabria	100,0	71,1	28,0	0,8
Castilla y León	100,0	81,2	17,7	1,1
Castilla-La Mancha	100,0	90,9	8,5	0,7
Cataluña	100,0	82,1	12,7	5,2
Comunitat Valenciana	100,0	83,6	11,1	5,4
Extremadura	100,0	91,4	8,1	0,5
Galicia	100,0	84,3	13,9	1,7
Madrid (Comunidad de)	100,0	76,4	17,3	6,4
Murcia (Región de)	100,0	89,4	9,3	1,3
Navarra (Comunidad Foral de)	100,0	83,6	15,8	0,6
País Vasco	100,0	70,3	28,9	0,8
Rioja (La)	100,0	81,4	18,0	0,6
Ceuta	100,0	95,5	4,4	0,1
Melilla	100,0	97,6	2,2	0,1

# Investment in education

## Public expenditure on education <sup>(1)</sup>

Year	Financial chapters included <sup>(2)</sup> (€ million)	Financial chapters not included <sup>(2)</sup> (€ million)
2006	43.441,3	43.209,5
2007	47.266,7	46.790,8
2008	51.716,0	51.122,9
2009	53.895,0	53.374,9
2010	53.099,3	52.557,7
2011	50.631,1	50.343,9
2012	46.476,4	46.215,9
2013	44.974,6	44.491,5
2014 <sup>(3)</sup>	44.846,4	44.518,2
2015 <sup>(4)</sup>	46.412,0	46.131,6
2016 <sup>(4)</sup>	47.883,1	47.425,3

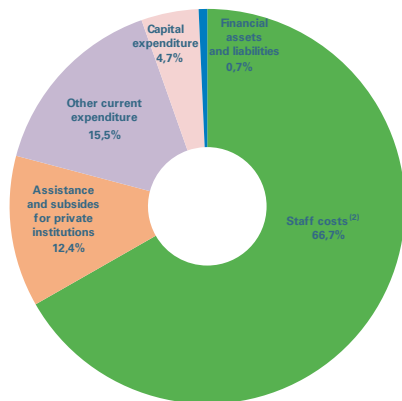
(1) This refers to total expenditure on education (expended budget) by all government authorities and agencies, including universities. Source: Estadística del Gasto Público en Educación. S.G. de Estadística y Estudios - Secretaría General Técnica - M<sup>o</sup>. de Educación, Cultura y Deporte.

(2) The financial chapters are chapters 3 (financial expenses of continuing operations), 8 and 9 (financial assets and liabilities of capital operations). See Explanatory Notes.

(3) Provisional data.

(4) Figures estimated for 2015 on the basis of available expended budgets, and for 2014 on the basis of initial budgets.

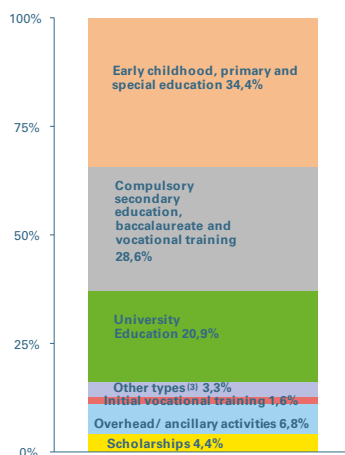
### Distribution of public expenditure on education <sup>(1)</sup> by economic nature. 2014



(1) Financial chapters included.

(2) Imputed social contributions are included.

### Distribution of public expenditure on education <sup>(1)</sup> by activity. 2014



(3) Specialised ed., adult ed. and other types.

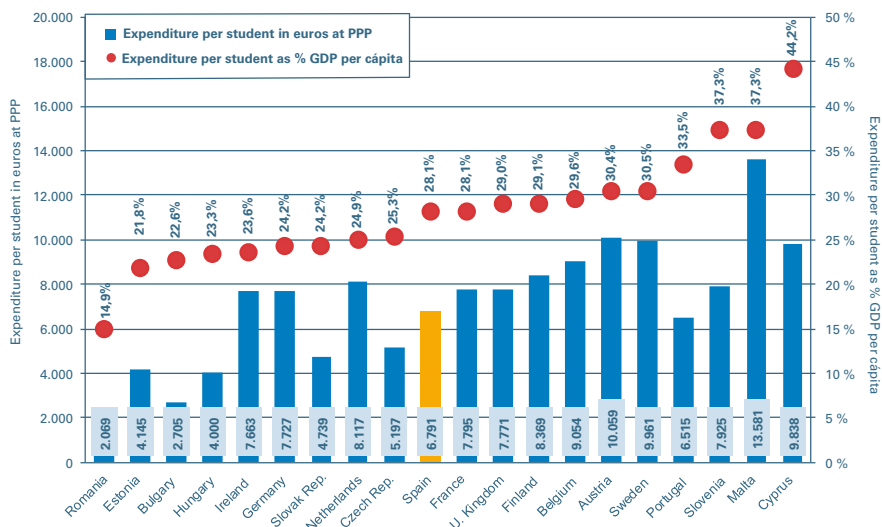
## Annual expenditure per student in public institutions of education (*absolute values and as % of GDP per capita*), by education level. 2013

	in euros at PPA	% GDP per capita
<b>TOTAL <sup>(1)</sup></b>	<b>6.791</b>	<b>28,1</b>
Childhood education (ISCED 0)	5.336	22,1
Primary education (ISCED 1)	5.661	23,5
Lower secondary education (ISCED 2)	6.864	28,4
Upper secondary and post-secondary non-tertiary education (ISCED 3-4)	7.043	29,2
Tertiary education (ISCED 5-8)	9.770	40,5

(1) All educational data levels are considered with the exception of early childhood educational development (ISCED 01).

Source: Eurostat.

## Annual expenditure per student in public institutions of education <sup>(1)</sup> and as percentage of GDP per capita. European Union Countries. 2013



Note: Countries for which data are not available are not shown in the chart.

(1) All educational data levels are considered with the exception of early childhood educational development (ISCED 01)

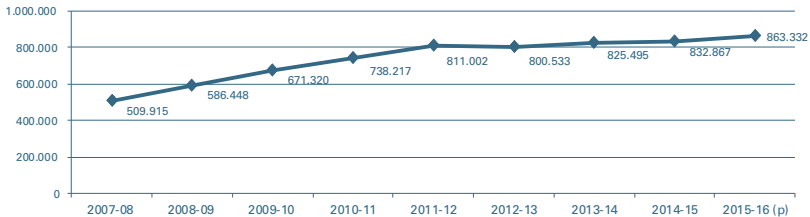
Source: Eurostat.

# The social dimension of education: scholarships and student aids

## Trends in total budget appropriations (in thousands of euros) for MECD general scholarships and study aids to non-university and university students (1)

	Initial budget			Executed budget		
	Total	University and non-university scholarships and student aids	Fee compensation for scholarship students and for students from 3-child families	Annual rate change	Total	Annual rate change
2010	1.132.225,6	916.950,6	215.275,0	-	1.162.934,4	-
2011	1.168.225,6	952.950,6	215.275,0	3,2%	1.202.361,3	3,4%
2012	1.138.225,6	952.950,6	185.275,0	-2,6%	1.162.656,5	-3,3%
2013	1.161.024,6	952.950,6	208.074,0	2,0%	1.196.316,3	2,9%
2014	1.411.024,6	1.060.360,1	350.664,5	21,5%	1.446.131,0	20,9%
2015	1.413.524,6	1.095.451,0	318.073,6	0,2%	1.441.125,6	-0,3%
2016	1.416.524,6	1.098.451,0	318.073,6	0,2%	..	..

## Trends in the number of beneficiaries of MECD general scholarships and student aids for non-university and university students (1)

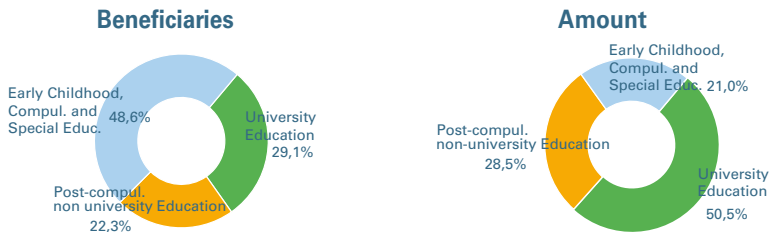


(1) General and mobility scholarships and student aids are included along with aids for students with special needs and fee compensation for three-child families officially recognized as large families.

(p) Provisional data.

Source: Secretaría General de Universidades. Ministerio de Educación, Cultura y Deporte.

## Distribution of the number of beneficiaries and the amount of Education Administration scholarships (1), by education level. 2014-2015 school year



(1) All transfers from the Ministry of Education and from the Education Administrations in Autonomous Communities to students and households, whether directly or through educational institutions, payments in kind and price cuts, which have as aim to encourage the initiation or the continuation of education by paying their related expenses or reward an outstanding academic performance. There has to be a previous application; the grant is subjected to the compliance with academic or/and socio-economic requirements.

Source: Estadística de Becas y Ayudas al Estudio. Ministerio de Educación, Cultura y Deporte.

## Trends in teaching staff <sup>(1)</sup> in the non-university general education system

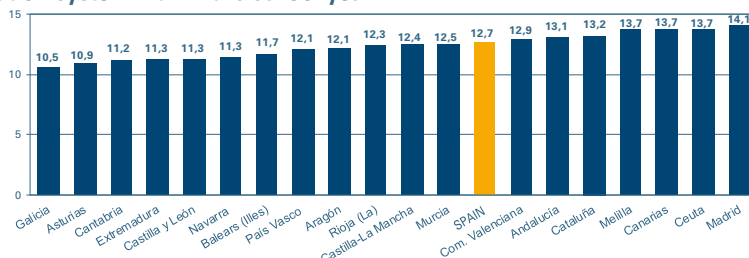
	2005-2006	2010-2011	2014-2015	2015-2016 <sup>(2)</sup>
<b>Total</b>	<b>594.018</b>	<b>683.509</b>	<b>673.279</b>	<b>682.258</b>
Public schools	434.956	496.800	478.062	484.293
Primary school teachers	212.369	244.995	241.587	244.732
Secondary school teachers	164.641	179.924	171.683	173.926
Vocational training teachers	20.886	24.459	27.975	28.339
Other teachers <sup>(3)</sup>	37.060	47.422	36.817	37.296
Private schools	159.062	186.709	195.217	197.965

(1) "Teachers" include all staff engaged directly in teaching at schools during schools hours.

(2) Advance figures estimated by Public Teaching Staff distribution

(3) This includes other teachers who provide student care in stage 1 early childhood education, religion teachers and other categories not included in the teacher groups listed above.

## Ratio of students to teaching staff <sup>(1)</sup> by autonomous community. Non-university education system. 2014-2015 school year



(1) Calculated full-time equivalent students and teachers.

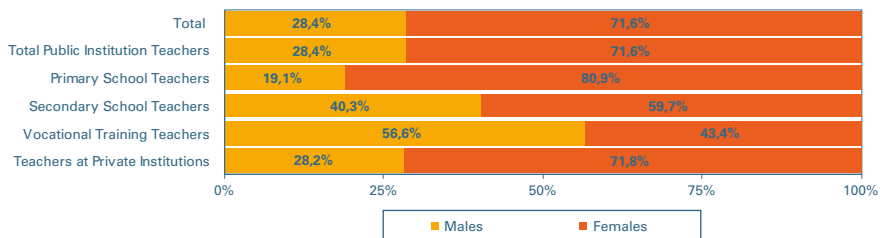
## Ratio of students to teaching staff <sup>(1)</sup>. EU Countries. 2013-2014 school year

	Primary and Secondary Ed.	Primary Ed.	Lower Secondary Ed.	Upper Secondary Ed.
<b>European Union</b>	..	<b>14,8</b>	<b>12,5</b>	<b>12,7</b>
<b>OECD</b>	..	<b>15,1</b>	<b>13,0</b>	<b>13,3</b>
Germany	13,9	15,4	13,4	13,1
Austria	10,1	12,0	8,8	10,0
Belgium	10,8	12,7	9,2	9,9
Bulgaria	14,0	17,8	13,0	12,2
Croatia	10,8	14,3	9,3	10,3
Cyprus	11,4	13,6	9,8	10,0
Denmark	12,0	11,9	11,0	13,1
Slovenia	12,7	15,9	8,3	13,7
Spain	12,4	13,5	11,8	11,3
Estonia	12,5	12,9	9,9	14,6
Finland	13,0	13,3	8,9	16,2
France	15,1	19,4	15,4	10,4
Greece	..	9,4	7,8	..
Hungary	11,6	11,5	10,9	12,5
Ireland	..	16,3	..	..
Italy	12,2	12,4	11,6	12,5
Latvia	9,8	11,2	7,6	10,0
Lithuania	8,2	10,2	7,4	8,1
Luxembourg	9,4	8,9	10,9	8,9
Malta	9,2	11,4	7,0	8,8
Netherlands	..	16,6	16,2	..
Poland	10,8	11,0	10,4	10,9
Portugal	11,3	14,0	10,1	8,9
United Kingdom	17,2	19,6	15,0	16,3
Czech Republic	13,8	18,7	11,9	11,7
Slovak Republic	14,0	17,2	12,5	13,5
Romania	15,2	18,8	12,6	15,1
Sweden	12,9	12,7	12,2	13,8

(1) Calculated full-time equivalent students and teachers.

Source: Eurostat and Education at a Glance 2016 (OECD).

## Distribution of non-university general education system teachers by sex. 2014-2015 school year



## Distribution of non-university general education system teachers by age. 2014-2015 school year

	Total	Less than 30	30 to 39	40 to 49	50 to 59	60 and more
<b>Total teachers</b>	<b>100,0</b>	<b>6,8</b>	<b>29,6</b>	<b>29,8</b>	<b>28,8</b>	<b>4,9</b>
Total public institution teachers	100,0	4,6	28,7	30,3	32,6	3,8
Primary school teachers	100,0	6,3	33,5	25,2	31,8	3,2
Secondary school teachers	100,0	0,9	22,6	37,1	35,0	4,4
Vocational training teachers	100,0	0,9	20,6	36,4	37,7	4,3
Teachers at private institutions	100,0	12,4	32,0	28,4	19,7	7,5

## Students in initial teacher training

	Primary school teacher training - 1st and 2nd stage <sup>(1)</sup>		Primary school teacher training - Bachelor's degree <sup>(1)</sup>		Master's degree for teachers of secondary school and Baccalaureate, voc. training and language schools <sup>(1)</sup>		Advanced vocational training in early childhood education	
	Enrollment <sup>(2)</sup>	Graduates <sup>(3)</sup>	Enrollment <sup>(2)</sup>	Graduates <sup>(3)</sup>	Enrollment <sup>(2)</sup>	Graduates <sup>(3)</sup>	Enrollment <sup>(3)</sup>	Graduates <sup>(4)</sup>
<b>TOTAL</b>	<b>135</b>	<b>757</b>	<b>118.680</b>	<b>30.691</b>	<b>24.914</b>	<b>16.302</b>	<b>36.338</b>	<b>12.506</b>
Andalucía	87	409	23.793	5.220	3.572	2.915	4.570	1.781
Aragón	-	28	3.352	676	508	345	893	211
Asturias (Principado de)	11	33	1.735	331	208	168	624	165
Baleares (Illes)	-	-	1.910	404	387	216	679	172
Canarias	-	40	3.714	685	571	372	2.911	487
Cantabria	-	-	1.372	267	139	102	490	148
Castilla y León	20	-	7.995	1.058	733	317	1.704	500
Castilla-La Mancha	-	90	3.495	2.942	337	735	2.256	452
Cataluña	1	1	10.926	2.693	1.526	1.002	7.639	3.054
Comunitat Valenciana	14	112	12.088	2.969	2.741	2.389	4.383	1.867
Extremadura	-	-	3.260	511	426	327	917	203
Galicia	-	-	4.789	1.004	778	629	1.866	600
Madrid (Comunidad de)	2	44	17.862	5.928	3.588	2.115	3.904	1.585
Murcia (Región de)	-	-	5.266	1.371	1.161	661	941	331
Navarra (Com. Foral de)	-	-	1.450	372	123	133	415	145
País Vasco	-	-	5.733	1.391	380	327	1.344	612
Rioja (La)	-	-	899	184	115	84	318	100
Ceuta	x	x	x	x	x	x	233	46
Melilla	x	x	x	x	x	x	251	47
Univ. no presenciales	-	-	9.041	2.685	7.621	3.465	-	-

(1) Source: S.G. de Coordinación y Seguimiento Universitario. Secretaría Gral. de Universidades. Ministerio de Educación, Cultura y Deporte.

(2) Preliminary data 2015-2016 school year.

(3) 2014-2015 school year.

(4) 2013-2014 school year.

## Forecast number of schools, classified by type of school. 2016-2017 school year

	Total	Public	Private
<b>Schools in the non-university general education system</b>	<b>27.812</b>	<b>18.829</b>	<b>8.983</b>
Early childhood education schools <sup>(1)</sup>	8.475	4.205	4.270
Primary schools <sup>(2)</sup>	10.328	9.851	477
Primary and compulsory sec. schools <sup>(2)</sup>	2.117	505	1.612
Compulsory sec., baccalaureate and voc. training schools	4.937	4.058	879
Primary, comp. sec. and bacc. / voc. training schools <sup>(2)</sup>	1.463	6	1.457
Special education schools	472	193	279
Distance education schools	20	11	9
<b>Specialised education school system <sup>(3)</sup></b>	<b>2.048</b>	<b>1.490</b>	<b>558</b>
Schools of Arts and Schools of Higher Studies in Arts and Design	130	101	29
Music schools	423	283	140
Dance schools	71	32	39
Music and dance schools <sup>(4)</sup>	989	733	256
Drama schools	17	12	5
Official schools of languages	316	316	0
Sport schools	102	13	89

(1) Schools authorized by the education authorities.

(2) These schools can also teach early childhood education.

(3) Data from the 2015-2016 school year.

(4) Schools whose graduates obtain no academic or vocational certificate, in studies regulated by the education authorities.

## Percentage of schools that offer ancillary services, by type of school. 2014-2015 school year

	Schools canteen			School transport		
	Public	Private		Public	Private	
		Gov.-depend. private ed.	Independent private ed.		Gov.-depend. private ed.	Independent private ed.
<b>Total</b>	<b>58,1</b>	<b>85,7</b>	<b>66,0</b>	<b>35,8</b>	<b>25,8</b>	<b>10,7</b>
Early childhood education schools <sup>(1)</sup>	67,6	84,4	68,9	1,5	7,0	3,6
Primary schools <sup>(2)</sup>	72,9	92,7	78,2	37,3	12,0	41,8
Primary and compulsory sec. schools <sup>(2)</sup>	66,3	88,9	92,3	56,3	19,1	71,2
Compulsory sec. bacca. and voc. training schools	17,6	22,3	14,6	57,1	12,0	5,9
Primary, comp. sec., bacc. and voc. training schools <sup>(2)</sup>	50,0	96,9	94,5	50,0	35,9	82,4
Special education schools	92,7	95,3	14,3	95,8	78,5	14,3

(1) Schools authorized by the education authorities.

(2) These schools can also teach early childhood education.



# Levels of education

## Levels of education

### Early childhood education

	2005-2006	2010-2011	2015-2016
<b>Number of pupils</b>	<b>1.487.548</b>	<b>1.872.829</b>	<b>1.806.620</b>
First stage (0-3 years)	226.656	432.222	444.492
Second stage (3-6 years)	1.260.892	1.440.607	1.362.128
<b>Number of schools</b>	<b>17.347</b>	<b>21.140</b>	<b>22.404</b>
Publics	12.100	14.095	14.601
Private	5.247	7.045	7.803

### Early childhood education pupils by stage and autonomous community. 2015-2016 school year

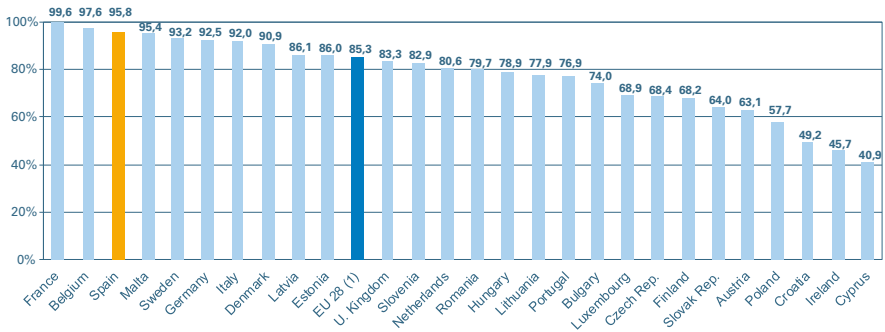
	Total	First stage	Second stage
<b>TOTAL</b>	<b>1.806.620</b>	<b>444.492</b>	<b>1.362.128</b>
Andalucía	358.896	96.034	262.862
Aragón	48.130	11.714	36.416
Asturias (Principado de)	26.622	3.789	22.833
Balears (Illes)	37.972	5.763	32.209
Canarias	58.778	5.948	52.830
Cantabria	19.279	3.753	15.526
Castilla y León	69.207	11.254	57.953
Castilla-La Mancha	79.545	18.136	61.409
Cataluña	310.098	78.998	231.100
Comunitat Valenciana	184.347	41.167	143.180
Extremadura	37.472	7.803	29.669
Galicia	88.821	25.133	63.688
Madrid (Comunidad de)	290.128	87.922	202.206
Murcia (Región de)	58.871	8.483	50.388
Navarra (Comunidad Foral de)	24.628	4.660	19.968
País Vasco	92.601	29.515	63.086
Rioja (La)	12.294	3.033	9.261
Ceuta	4.100	442	3.658
Melilla	4.831	945	3.886

### Trends in early childhood education enrolment rates <sup>(1)</sup> (Children up to age 3)

	2005-2006	2010-2011	2014-2015
Less than one year	4,3	8,8	9,7
Age 1	15,6	29,9	35,6
Age 2	29,6	46,3	55,4
Age 3	95,7	95,6	94,9

(1) Special education pupils are included.

## Net enrolment rate at age 3. European Union countries. 2013-2014 school year



Note: No information available for Greece.

(1) Data from year 2012-2013.

Source: Eurostat.

## Compulsory education

### Basic education students by autonomous community. 2015-2016 school year

	Primary education	Compulsory secondary ed.
<b>TOTAL</b>	<b>2.924.463</b>	<b>1.868.584</b>
Andalucía	582.913	378.731
Aragón	77.245	48.703
Asturias (Principado de)	48.784	31.758
Balears (Illes)	68.749	43.010
Canarias	124.545	87.916
Cantabria	33.299	20.915
Castilla y León	124.839	84.694
Castilla-La Mancha	132.028	86.168
Cataluña	487.033	301.446
Comunitat Valenciana	316.568	196.758
Extremadura	64.770	44.742
Galicia	136.137	89.527
Madrid (Comunidad de)	416.138	258.891
Murcia (Región de)	108.121	68.606
Navarra (Comunidad Foral de)	40.908	26.108
País Vasco	128.093	79.486
Rioja (La)	19.338	12.158
Ceuta	7.545	4.397
Melilla	7.410	4.570

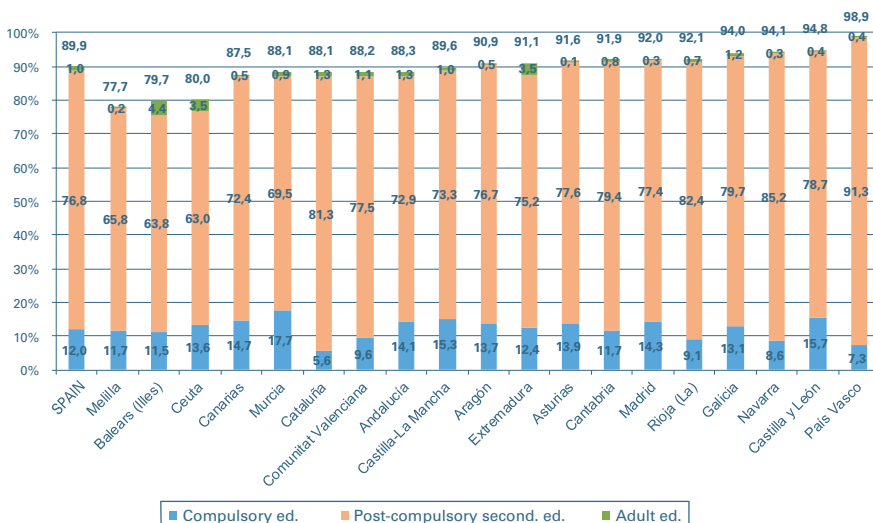
# Levels of education

## Transition after compulsory school

### Net enrolment rates for ages 16 to 18 by sex

	Total		Males		Females	
	2014-2015	2009-2010	2014-2015	2009-2010	2014-2015	2009-2010
<b>Age 16</b>	<b>95,1</b>	<b>94,1</b>	<b>94,5</b>	<b>93,2</b>	<b>95,7</b>	<b>95,1</b>
Compulsory education	31,2	33,7	33,6	35,7	28,6	31,7
Post-compulsory secondary ed.	63,6	60,0	60,6	57,0	66,9	63,2
Adult education	0,2	0,4	0,3	0,5	0,2	0,3
<b>Age 17</b>	<b>89,9</b>	<b>85,0</b>	<b>88,6</b>	<b>82,8</b>	<b>91,3</b>	<b>87,5</b>
Compulsory education	12,0	12,0	13,0	12,6	11,0	11,5
Post-compulsory secondary ed.	76,8	70,6	74,4	67,2	79,5	74,3
Tertiary education	0,0	0,1	0,0	0,1	0,0	0,1
Adult education	1,0	2,3	1,2	2,9	0,9	1,7
<b>Age 18</b>	<b>79,9</b>	<b>74,1</b>	<b>78,5</b>	<b>70,4</b>	<b>81,3</b>	<b>78,1</b>
Compulsory education	1,3	1,2	1,4	1,2	1,2	1,1
Post-compulsory secondary ed.	37,6	35,9	40,9	37,1	34,2	34,7
Tertiary education	36,4	30,6	30,9	24,8	42,1	36,9
Adult education	4,5	6,4	5,3	7,3	3,8	5,5

### Net enrolment rate at age 17 by education stage/type and autonomous community. 2014-2015 school year

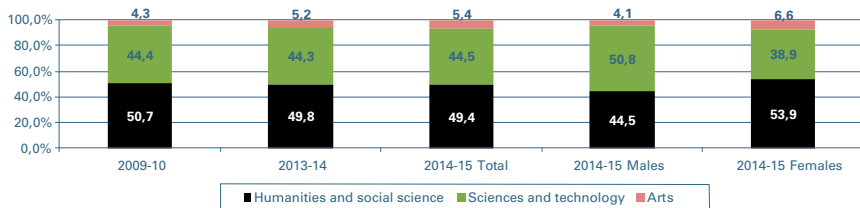


## Baccalaureate

### Baccalaureate students by autonomous community. 2015-2016 school year

	TOTAL	Baccalaureate studies requiring classroom attendance			Baccalaureate distance ed.
		Total	Regular ed.	Adults/evening	
<b>TOTAL</b>	<b>694.224</b>	<b>643.163</b>	<b>612.021</b>	<b>31.142</b>	<b>51.061</b>
Andalucía	148.867	131.802	124.369	7.433	17.065
Aragón	17.432	16.655	16.053	602	777
Asturias (Principado de)	12.829	12.229	11.425	804	600
Balears (Illes)	12.588	11.899	11.734	165	689
Canarias	36.784	29.714	29.714	0	7.070
Cantabria	7.868	7.270	6.960	310	598
Castilla y León	37.145	33.772	32.007	1.765	3.373
Castilla-La Mancha	31.912	30.381	28.718	1.663	1.531
Cataluña	91.963	90.285	88.994	1.291	1.678
Comunitat Valenciana	62.848	61.366	58.069	3.297	1.482
Extremadura	17.076	16.431	15.186	1.245	645
Galicia	38.223	33.427	31.159	2.268	4.796
Madrid (Comunidad de)	105.921	99.011	92.097	6.914	6.910
Murcia (Región de)	25.716	23.589	21.894	1.695	2.127
Navarra (Comunidad Foral de)	9.359	8.982	8.568	414	377
País Vasco	30.168	29.482	28.740	742	686
Rioja (La)	4.255	4.006	3.871	135	249
Ceuta	1.615	1.347	1.247	100	268
Melilla	1.655	1.515	1.216	299	140

### Distribution of baccalaureate students by modality (trends and situation by sex)



### Percentage of baccalaureate students passing grade. 2013-2014 school year

	TOTAL	Public	Private	Males	Females
First grade	79,7	75,6	91,9	76,3	82,8
Second grade	77,3	72,8	89,3	74,1	80,0

### University entrance examination. 2015

	Enrolled	Pass	% pass/enrolled		
			Total	Males	Females
June	206.522	189.914	92,0	92,1	91,9
September	43.743	33.095	75,7	77,1	74,4
Over age 25	31.884	12.420	39,0	39,7	38,0
Over age 45	5.675	2.584	45,5	43,2	47,8

Source: Estadística de Pruebas de Acceso a la Universidad. S.G. de Coord. y Seguim. Univers. Sec. Gral. de Universidades. MEC.D.

## Levels of education

### *Vocational training*

#### Trends in student enrolment in vocational training

	2005-2006	2010-2011	2015-2016
<b>TOTAL</b>	<b>454.053</b>	<b>582.576</b>	<b>767.528</b>
Basic vocational training	-	-	62.025
Intermediate vocational training (classroom attendance required)	230.174	289.568	325.047
Distance intermediate vocational training	1.975	8.309	25.179
Advanced vocational training (classroom attendance required)	217.255	266.012	309.528
Distance advanced vocational training	4.649	18.687	45.749

#### Vocational training students by autonomous community, 2015-2016 school year

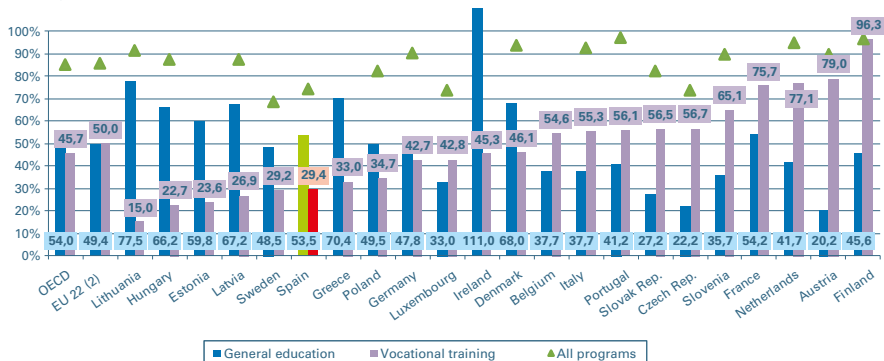
	Total	Basic voc. training	Intermediate voc. training		Advanced voc. training	
			Classroom	Distance	Classroom	Distance
<b>TOTAL</b>	<b>767.528</b>	<b>62.025</b>	<b>325.047</b>	<b>25.179</b>	<b>309.528</b>	<b>45.749</b>
Andalucía	134.507	11.985	62.679	862	53.148	5.833
Aragón	21.184	2.361	8.391	761	8.133	1.538
Asturias (Principado de)	16.724	638	6.111	1.651	6.846	1.478
Balears (Illes)	13.749	1.719	6.424	746	4.012	848
Canarias	42.514	3.140	14.225	4.750	14.508	5.891
Cantabria	11.774	691	4.517	1.094	4.313	1.159
Castilla y León	39.817	3.804	16.508	1.668	15.809	2.028
Castilla-La Mancha	36.403	4.094	15.295	1.484	13.148	2.382
Cataluña	125.942	0	59.566	3.022	54.927	8.427
Comunitat Valenciana	94.157	9.442	40.110	3.060	34.315	7.230
Extremadura	18.337	2.148	7.454	479	6.863	1.393
Galicia	48.968	3.496	19.717	2.098	20.710	2.947
Madrid (Comunidad de)	81.544	8.614	32.734	1.435	36.894	1.867
Murcia (Región de)	24.404	3.288	9.816	1.104	9.275	921
Navarra (Comunidad Foral de)	8.823	819	3.693	276	3.445	590
País Vasco	38.676	4.064	13.945	359	19.851	457
Rioja (La)	5.951	885	2.495	68	2.007	496
Ceuta	2.147	350	663	258	762	114
Melilla	1.907	487	704	4	562	150

## Students enrolled in vocational training <sup>(1)</sup> by vocational family, sex and form of admission. 2014-2015 school year

	Basic voc. training		Intermediate			Advanced		
	Total	% Females	Total	% Females	% Admissions testing	Total	% Females	% Admissions testing
	<b>TOTAL</b>	<b>39.867</b>	<b>28,6</b>	<b>355.120</b>	<b>43,0</b>	<b>12,3</b>	<b>356.520</b>	<b>47,7</b>
Physical and athletic activities	0	-	8.018	19,6	13,3	18.482	18,5	19,4
Marine and fishing activities	8	-	1.659	5,7	9,8	1.701	9,7	25,7
Administration	7.658	48,4	54.579	62,0	10,6	53.762	64,3	23,5
Agricultural activities	2.312	20,1	7.591	12,6	15,1	5.988	17,2	26,8
Graphic arts	254	44,1	3.290	37,4	11,0	1.978	47,6	22,1
Crafts	0	-	0	-	-	98	42,9	..
Sales and marketing	2.012	50,6	14.857	57,1	12,9	22.376	49,1	22,4
Building and civil engineering works	384	16,4	896	11,4	13,8	5.347	30,0	17,8
Electricity and electronics	5.761	4,9	32.732	2,5	13,5	23.634	4,9	30,9
Energy and water	0	-	0	-	-	2.780	9,7	22,4
Mechanical manufacturing	2.910	3,4	12.550	2,7	13,8	8.264	9,1	31,9
Hospitality and tourism	3.448	36,0	20.956	38,4	12,7	21.275	57,3	19,1
Personal image	3.273	85,2	20.762	93,3	10,9	6.750	95,2	20,9
Communication, audiovisual media	0	-	3.638	42,9	14,0	13.460	34,8	17,7
Food industries	166	36,1	4.802	53,1	12,3	2.068	48,5	21,3
Extractive industries	0	-	57	-	32,0	0	-	-
Computer science	6.045	19,9	29.943	9,4	13,1	40.435	13,5	26,8
Maintenance and production services	148	1,4	13.225	1,8	12,3	12.308	15,4	28,7
Wood and furniture	1.030	7,5	2.955	6,1	11,2	779	21,2	32,7
Chemistry	0	-	3.160	56,6	13,4	7.350	50,9	21,0
Health	0	-	68.849	71,9	11,3	41.111	72,9	21,2
Safety and environment	0	-	36	2,8	13,9	659	40,1	22,3
Social, cultural and community services	121	72,7	20.457	85,5	10,6	54.197	88,4	23,4
Textiles, garment making and leather/fur	229	50,2	1.110	86,2	8,5	1.261	87,6	10,2
Automobile maintenance	4.064	2,0	28.956	1,9	15,3	10.438	2,8	29,1
Glass and ceramics	44	31,8	42	11,9	..	19	15,8	..

(1) Classroom and distance studies are included, except for admission data, which only refer to studies requiring classroom attendance.

## Upper secondary education: comparison of graduation rates in vocational training and general education <sup>(1)</sup>. European Union countries. 2014



(1) Countries with no information available are not included. "All programs" is not available for Belgium, Estonia, France, Greece and Ireland

(2) Average of the 22 EU countries in the OECD.

Source: Education at a Glance 2016. OECD.

# Levels of education

## Lifelong learning

### Participation in educational activities, by age group and sex. 2015 <sup>(1)</sup>

	% Participants	% Parts. in formal ed. <sup>(2)</sup>	% Parts. in non-formal ed. <sup>(2)</sup>
<b>Youth population (ages 16 to 24)</b>	<b>68,8</b>	<b>63,9</b>	<b>9,7</b>
Males	66,3	61,8	8,6
Females	71,4	66,2	10,8
<b>Adult population (ages 25 to 64)</b>	<b>9,9</b>	<b>3,9</b>	<b>6,3</b>
Males	9,2	3,6	5,8
Females	10,7	4,1	6,9
<b>Age</b>			
25 to 34	18,6	10,6	8,8
35 to 44	10,1	3,3	7,1
45 to 54	7,3	1,6	5,8
55 to 64	4,0	0,6	3,4

(1) People in the stated age groups are counted if when interviewed they claimed to have engaged in some kind of formal or non formal educational activity, inside or outside the education system, in the four weeks prior to the survey.

(2) People participating in formal and non-formal education at the same time are counted under both headings.

Source: Encuesta de Población Activa. INE.

### Students Enrolled in Adult education <sup>(1)</sup>. 2015-2016 school year

	Total	% Public	% Females <sup>(2)</sup>
<b>TOTAL</b>	<b>538.112</b>	<b>98,0</b>	<b>59,2</b>
<b>Formal education</b>	<b>303.541</b>	<b>97,3</b>	<b>52,1</b>
Initial studies	80.522	99,2	63,8
Secondary education for adults	144.714	95,5	47,1
Preparation for compulsory secondary ed. diploma test	20.914	99,9	47,2
Preparation for baccalaureate diploma test	780	100,0	54,7
Preparation for vocational training diplomas test	527	100,0	65,5
Preparation for university admissions test for adults	14.979	99,3	54,7
Preparation for vocational training admissions test	41.105	97,2	51,6
<b>Non-formal education</b>	<b>234.571</b>	<b>99,0</b>	<b>69,8</b>
Spanish languages for immigrants	44.179	97,7	55,8
Technical/vocational studies	15.472	100,0	74,4
Other non-formal studies	174.920	99,3	72,8

(1) Specific adult education conducted within the education system is included, regardless of student age. Enrolment refers to one school year.

(2) 2014-2015 school year.

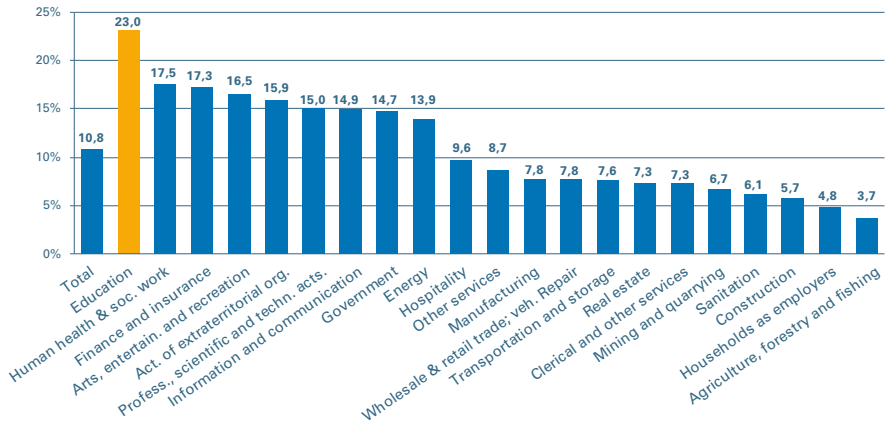
## Lifelong Learning (Percentage of population aged 25 to 64 that participates in education and training <sup>(1)</sup>), European Union Countries. 2015

	Total	Sex		Ed. Level		
		Males	Females	Lower sec. ed. and below	Upper secondary education	Tertiary education
<b>EU (28 countries)</b>	<b>10,7</b>	<b>9,7</b>	<b>11,7</b>	<b>4,3</b>	<b>8,8</b>	<b>18,8</b>
Germany	8,1	8,2	8,0	3,4	7,2	12,3
Austria	14,4	13,3	15,4	4,5	10,7	26,0
Belgium	6,9	6,5	7,3	3,0	5,5	11,2
Bulgaria	2,0	1,9	2,1	-	2,0	2,9
Cyprus	7,5	7,0	8,0	1,6	4,5	13,4
Croatia	3,1	2,7	3,6	-	2,8	6,3
Denmark	31,3	25,3	37,3	21,7	28,3	39,7
Slovenia	11,9	10,7	13,3	2,8	9,7	20,2
Spain	9,9	9,2	10,7	3,6	9,9	17,5
Estonia	12,4	10,6	14,1	4,5	8,8	19,1
Finland	25,4	21,8	29,1	12,8	21,6	33,0
France	18,6	15,9	21,1	7,7	15,5	29,7
Greece	3,3	3,3	3,3	0,4	3,6	5,7
Hungary	7,1	6,8	7,5	3,4	5,9	12,7
Ireland	6,5	6,0	7,0	2,4	5,6	9,4
Italy	7,3	6,9	7,7	2,0	8,4	17,0
Latvia	5,7	4,1	7,2	2,4	3,8	10,2
Lithuania	5,8	5,1	6,5	-	3,0	10,4
Luxembourg	18,0	18,2	17,8	7,0	15,5	25,9
Malta	7,2	6,9	7,5	2,4	8,9	19,0
Netherlands	18,9	18,4	19,4	9,3	18,6	26,2
Poland	3,5	3,3	3,8	0,6	1,9	8,1
Portugal	9,7	9,7	9,8	4,2	12,0	20,7
Czech Republic	8,5	8,3	8,6	1,9	6,7	16,3
Slovak Republic	3,1	2,7	3,4	-	2,1	7,3
United Kingdom	15,7	13,9	17,5	6,8	13,3	22,6
Romania	1,3	1,3	1,3	0,3	1,2	3,1
Sweden	29,4	22,3	36,7	20,0	24,7	38,5

(1) The methodology used in calculating this indicator has been modified by Eurostat, considering that the "students on holiday" are involved in education.

Source: Labour Force Survey, Eurostat.

## Percentage of employees participating in lifelong learning, by economic activity. 2015



Source: Encuesta de Población Activa. INE.

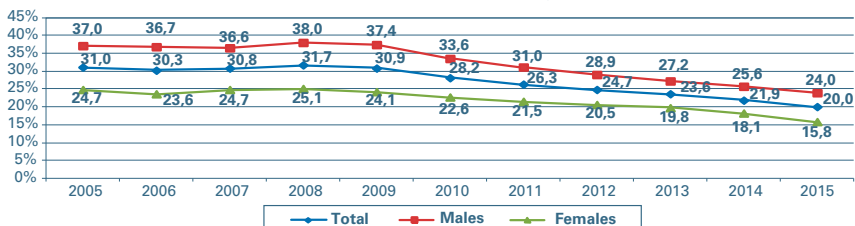


# Educational attainment. Outcomes and returns

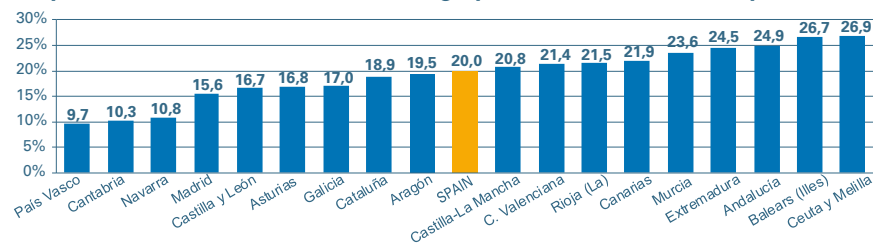
## School leaving after compulsory education

**Early leavers from education and training:** Percentage of the population aged 18 to 24 having attained at most lower secondary education and not being involved in further education or training

### Trends in early leavers from education and training by sex

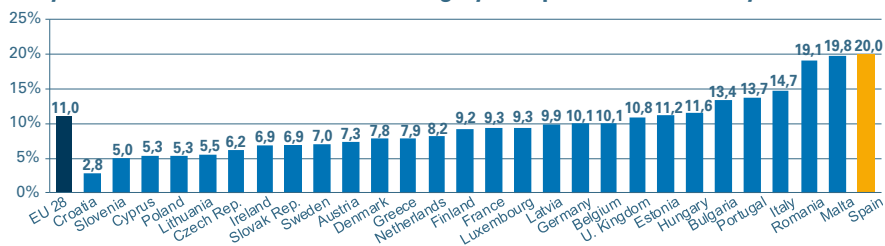


### Early leavers from education and training by autonomous community. 2015

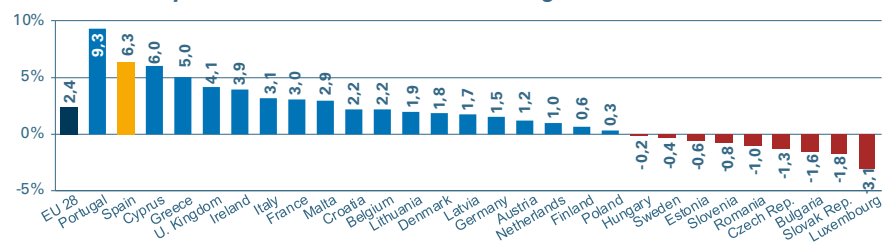


Source: Encuesta de Población Activa. INE. Eurostat methodology.

### Early leavers from education and training by European Union country. 2015



### Decrease of early leavers from education and training from 2011 to 2015. EU countries

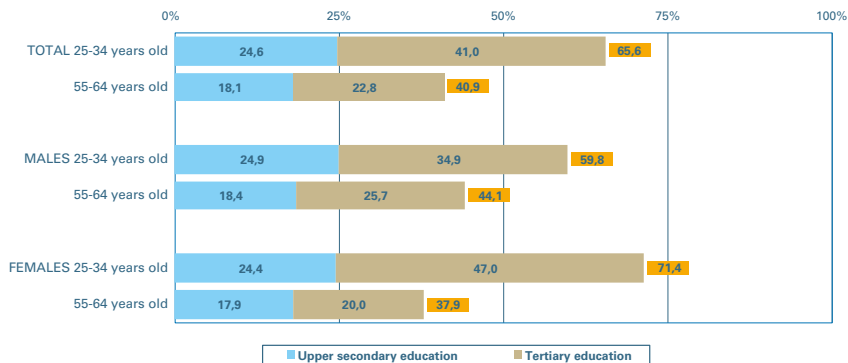


Source: Labour Force Survey. Eurostat.

# Educational attainment. Outcomes and returns

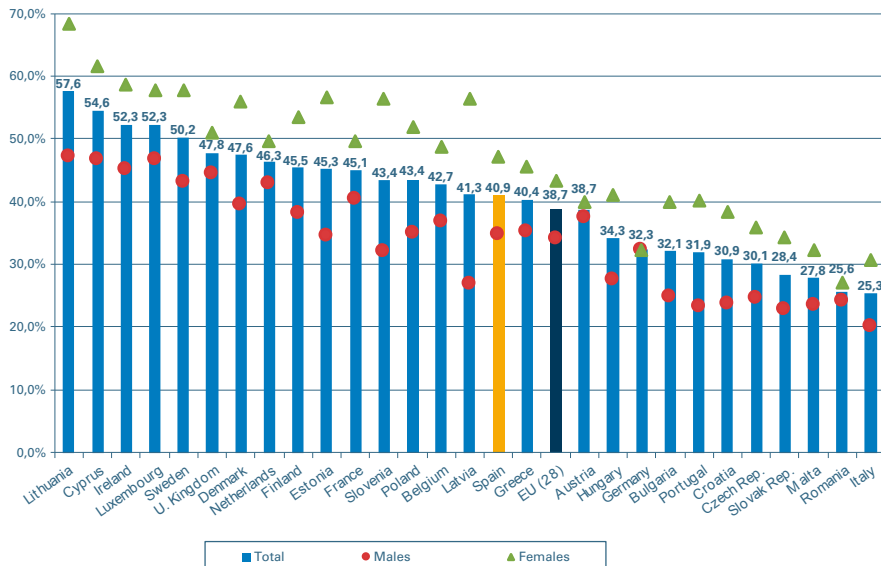
## Population with post-compulsory educational attainment

### Percentage of the population aged 25-34 and 55-64 with upper secondary or tertiary educational attainment. 2015



Source: Encuesta de Población Activa. INE.

### Percentage of the population aged 30-34 with tertiary educational attainment. European Union countries. 2015

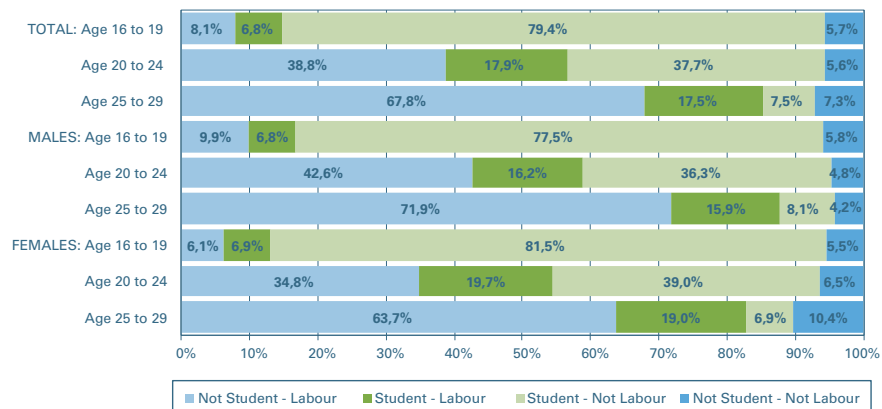


Source: Labour Force Survey. Eurostat.

# Educational attainment. Outcomes and returns

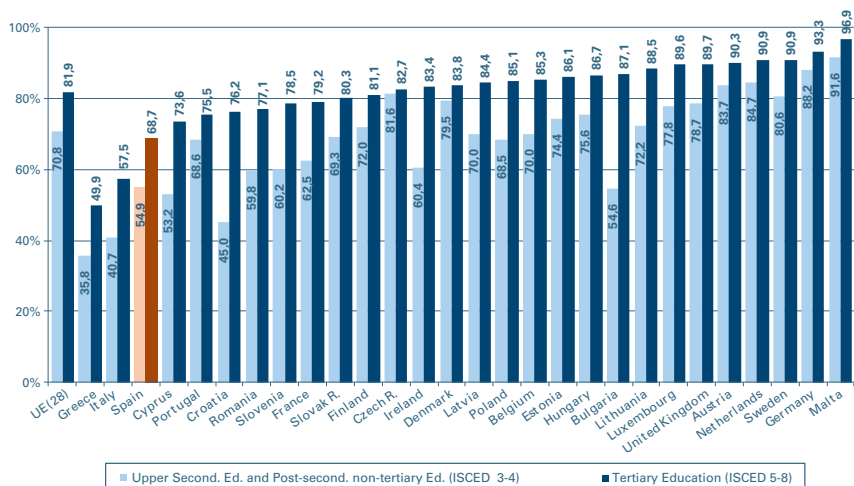
## The relationship between education and employment

### Young people by educational and labour status, by age group and sex <sup>(1)</sup>. 2015



(1) A person is considered a student if he or she has engaged in some kind of education (formal or non-formal) in the last four weeks. A person is considered part of the labour force if he or she is employed or unemployed.  
**Source:** Encuesta de Población Activa. INE.

### Employment rates of population aged 20-34 and graduated in the last 3 years <sup>(1)</sup>, by educational attainment level. EU countries. 2015



(1) Percentage of graduates at upper secondary education, post-compulsory secondary education or tertiary education (CINE 3-8) between 20 and 34 years old, not involved in further education, graduated between 1 and 3 years before, and employed.  
**Source:** Labour Force Survey. Eurostat.

## Educational attainment. Outcomes and returns

### Activity and unemployment rates of the population aged 25 to 29, by educational attainment

	Activity rates		Unemployment rates		
	2015	2008	2015	2008	Diferencia
<b>TOTAL</b>	<b>88,3</b>	<b>87,8</b>	<b>24,6</b>	<b>11,7</b>	<b>12,9</b>
Primary and lower education	74,6	75,7	45,2	23,0	22,2
Lower secondary education	89,1	86,4	32,2	15,6	16,6
Upper secondary education	86,7	87,8	23,3	10,9	12,5
Tertiary education	91,3	91,2	17,5	7,9	9,6

Source: Encuesta de Población Activa. INE.

### Distribution of employed population aged 25-34, by occupation and educational attainment. 2015

	Total	Lower secondary ed.	Upper secondary ed.	Tertiary education
<b>TOTAL</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>
Business and government administration	2,1	1,1	1,7	3,0
Technical trades and professions	19,1	0,2	1,1	40,6
Technical support professions	10,4	3,4	8,7	15,8
Accounting and administration and others	10,1	4,3	10,5	13,6
Clerical work, work in services and sales	26,2	30,3	40,5	16,0
Artisanal work, skilled labour	13,1	22,9	15,8	5,5
Machinery operation and assembly	6,1	12,2	6,4	2,0
Manual labour	11,8	24,2	13,6	3,1
Armed forces	1,0	1,4	1,7	0,3

Source: Encuesta de Población Activa. INE.

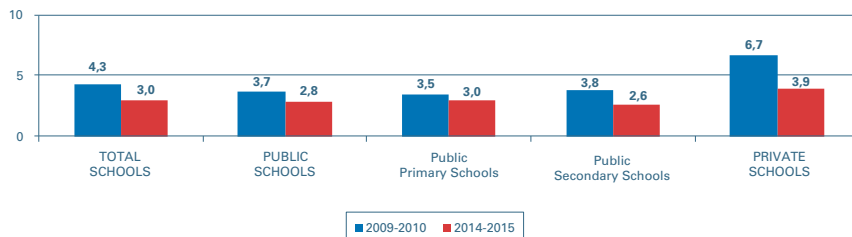
### Relative hourly wage by educational attainment. 2014

	Total wage earners			Wage earners aged 25 to 34		
	Total	Males	Females	Total	Males	Females
<b>TOTAL</b>	<b>100,0</b>	<b>106,1</b>	<b>91,4</b>	<b>100,0</b>	<b>103,4</b>	<b>95,7</b>
Primary and lower education	62,4	68,4	50,1	58,5	64,3	45,7
Lower secondary education	72,1	78,2	59,1	77,3	82,8	67,1
Upper secondary education	88,4	96,6	73,0	93,8	104,1	73,5
Tertiary education	123,2	135,7	110,6	115,3	119,4	111,7

Source: Encuesta de Condiciones de Vida. INE.

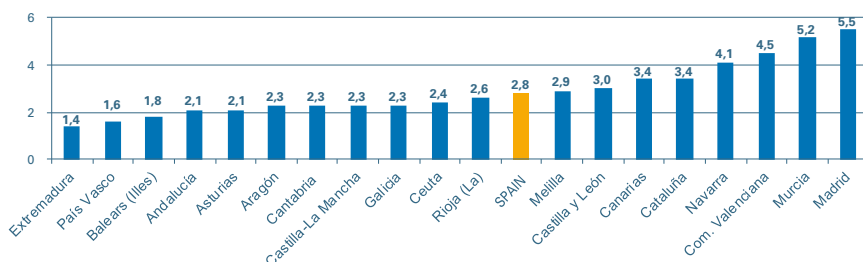
# Information and communication technology in education

## Average number of students per computer dedicated to teaching/learning work <sup>(1)</sup>



(1) They are considered computers dedicated preferably to teachers and to teaching with students.

## Average number of students per computer <sup>(1)</sup> in public schools, by autonomous community. 2014-2015 school year



(1) They are considered computers dedicated preferably to teachers and to teaching with students.

## Percentage of schools with broadband Internet connection, at least 2MB

	2014-2015	2009-2010
<b>TOTAL</b>	<b>82,9</b>	<b>49,8</b>
PUBLIC SCHOOLS	79,3	43,2
Primary public schools	74,7	35,5
Secondary and vocational training public schools	91,2	63,8
PRIVATE SCHOOLS	94,3	72,3

## Internet use by children aged 10 to 15 in the last three months

	2015	2010
<b>% Internet users</b>	<b>93,6</b>	<b>87,3</b>
At school	66,3	52,9
At home	86,6	72,3
Children aged 10	88,0	78,1
Children aged 15	94,8	93,1

**Source:** Encuesta sobre Equipamiento y Uso de Tecnologías de Información y Comunicación en los hogares. INE.

## *The study of foreign languages as a subject*

### Percentage of students who study foreign languages. 2014-2015 school year

	Total	English	French	Other Languages
<b>First foreign language</b>				
Early childhood ed. second stage	81,9	81,0	0,6	0,3
Primary education	99,4	98,5	0,6	0,3
Lower secondary education	100,0	97,7	2,5	0,3
Baccalaureate	96,8	94,1	2,3	0,4
<b>Second foreign language</b>				
Primary education	6,4	0,5	5,0	0,8
Lower secondary education	43,3	2,5	36,8	4,1
Baccalaureate	23,0	2,2	19,4	1,4

## *Use of foreign languages as teaching languages*

### Percentage of students who are experiencing the use of a foreign language as their teaching language. 2014-2015 school year

	Integrated learning of content and foreign language <sup>(1)</sup>		Other experiences <sup>(2)</sup>		Foreign Schools	
	Primary education	Compulsory secondary education	Primary education	Compulsory secondary education	Primary education	Compulsory secondary education
<b>TOTAL</b>	<b>23,2</b>	<b>15,4</b>	<b>4,6</b>	<b>2,7</b>	<b>1,4</b>	<b>1,2</b>
Andalucía	20,5	20,6	0,0	0,0	0,8	0,7
Aragón	34,1	13,9	10,1	0,6	0,0	0,0
Asturias (Principado de)	52,7	23,4	0,0	0,0	0,6	0,4
Balears (Illes)	0,2	1,4	8,8	7,2	2,2	1,0
Canarias	34,6	13,2	1,4	0,5	2,5	1,8
Cantabria	6,4	2,4	9,3	17,3	0,0	0,0
Castilla y León	44,9	16,5	6,2	1,7	0,0	0,0
Castilla-La Mancha	30,3	20,6	3,3	1,0	0,0	0,0
Cataluña	..	..	..	..	1,0	0,9
Comunitat Valenciana	2,9	1,8	6,0	5,8	2,4	2,2
Extremadura	20,6	22,1	0,0	0,0	0,0	0,0
Galicia	16,6	8,0	20,3	11,5	0,0	0,0
Madrid (Comunidad de)	35,1	19,9	3,9	1,5	2,4	2,2
Murcia (Región de)	25,8	20,6	2,5	0,9	0,9	0,6
Navarra (Comunidad Foral de)	12,4	1,8	0,0	0,0	0,1	0,0
País Vasco	21,7	20,7	4,8	4,2	0,7	0,6
Rioja (La)	1,3	4,4	43,8	32,1	0,0	0,0
Ceuta	2,9	3,6	0,8	0,0	0,0	0,0
Melilla	0,5	6,9	5,2	0,0	0,0	0,0

(1) This includes the range of programmes that guarantee teaching of this type in every grade of each stage of compulsory education (primary school and/or compulsory secondary school) at least and may also include second stage of early childhood education and/or post-compulsory education.

(2) This includes experiences that include the use of a foreign language as the teaching language for one or more areas or subjects other than foreign language class, as a means of gaining a deeper knowledge of the foreign language. These experiences are not generally oriented toward continuing throughout every grade of the compulsory stages and may sometimes even depend on the availability of teaching staff who can participate at the school.

# The international educational mobility

## European programs

### Erasmus+ Programme: Participants y mobility. Call 2016 <sup>(1)</sup>

	Participating teachers		Participating students		T. amount (thousand euros)
	Total	Participants in mobility	Total	Participants in mobility	
<b>SCHOOL EDUCATION</b>					<b>17.149,2</b>
Staff mobility (key action 1)	2.150	2.150			3.955,4
Strategic partnerships between schools <sup>(2)</sup> (key action 2)	425	425	1.226	1.226	9.776,4
Strategic partnerships toward Primary Education (key action 2)	415	415	249	249	3.417,4
<b>HIGHER EDUCATION</b>					<b>97.494,1</b>
Student mobility for studies <sup>(3)</sup> (SMS) (key action 1)	-	-	33.514	33.514	65.548,6
Student mobility for practicums <sup>(3)</sup> (SMP) (key action 1)	-	-	10.352	10.352	13.497,8
Staff mobility for teaching assignment (STA) (key action 1)	2.773	2.773	-	-	2.872,5
Staff mobility for training (STT) (key action 1)	1.637	1.637	-	-	1.716,6
Student mobility (key action 1)	-	-	2.082	2.082	10.344,8
Staff mobility (key action 1)	1.015	1.015	-	-	1.940,8
Strategic partnerships toward Higher Education <sup>(2)</sup> (key action 2)	753	753	-	-	1.572,9
<b>ADULT EDUCATION</b>					<b>4.968,1</b>
Staff mobility (key action 1)	315	315			572,1
Strategic partnerships toward Adult Education <sup>(2)</sup> (key action 2)	371	371			4.396,0
<b>VOCATIONAL TRAINING</b>					<b>29.067,2</b>
Staff and students mobility (key action 1)	1.289	1.289	6.102	6.102	21.903,4
Strategic partnerships toward Vocational Training <sup>(2)</sup> (key action 2)	-	-	-	-	7.163,8
<b>TOTAL</b>					<b>148.678,6</b>

(1) Provisional data from the initial grant of funds under the 2016 call for proposals.

(2) Collect only the data of the Spanish centers project coordinators. Pending the resolution of Spanish partners participating in projects.

(3) It includes MECD co-financing amounting to 29 million euros.

Note: See the programme definitions in the Explanatory Notes.

Source: Servicio Español para la Internacionalización de la Educación (SEPIE).

### Erasmus+ Programme: Participants y mobility. 2014-15 academic year

	Students participating			T. Amount (Thousands euros)
	Total	Studies mobility	Traineeships mobility	
TOTAL	12.389	11.610	779	23.522,6
University programmes	11.758	11.385	373	22.507,1
Non-university programmes	631	225	406	1.015,5

Note: See the programme definitions in the Explanatory Notes.

Source: Secretaría General de Universidades. MECD.

✎ The sources of data used in this publication are explained below:

- Most of the information in “Students”, “Teachers”, “Schools”, “Levels of education” and “Information and communication technology in education” is drawn from statistics on non-university education prepared by the General Secretariat of Statistics and Studies (General Technical Secretariat- MECD) under a statistical cooperation framework with the autonomous communities through the Education Sector Conference. Data are generally drawn from the definitive results of several school years, the 2015-2016 advancement and 2016-2017 estimates. This source of this information is not expressly cited in the tables presented here.
- The rest of the sources used are mentioned at footnotes, especially in “Investment in education”, “The social dimension of education: scholarships and student aids”, “Educational attainment, outcomes and returns”, “Foreign language learning programmes” and “International educational mobility”.

✎ Different school and calendar years are used in the sections of the publication, depending on the information available. Forecasts of the basic variables (students, schools and scholarships) for 2016-17 have been made. For the rest of the information, the latest available statistical data have been used. For trends data, five and ten-year comparisons are generally presented, together with comparisons with the previous school year.

✎ This publication does not take university education into account, except in sections concerning the education system as a whole (e.g. investment in education, scholarships and aid, data of the population’s educational attainment level).

✎ During 2016-2017 school year the implementation of the Organic Law of Education Quality Improvement (LOMCE) continues, beginning to be implemented: the second grade of Baccalaureate and second and fourth grades of Secondary compulsory education. *(For more information see LOMCE implementation schedule: <http://www.mecd.gob.es/educacion-mecd/mc/lomce/inicio.html>)*

✎ Trends on “Public expenditure on education” are presented in two columns, with financial chapters included and excluded. Data excluding financial chapters leave out a spending component that introduces a high degree of fluctuation in the series that hampers analysis of the development of real expenditure on education and its associated indicators. It also enables the presentation of figures more in line with international indicators, since the international education statistics methodology shared by the OECD, Eurostat and UNESCO does not take into account the financial expenses that Spain classifies into chapters 3, 8 and 9 when recording public expenditure on education.

✎ Net enrolment rates are defined as the ratio between the number of students of a certain age or age group that is enrolled for the studies at issue and the total population of that age or age group. The following programmes from the Education System are included for the calculation of rates: non-university General Education System programmes, University education, Professional studies of Music and Dance (students aged 16 and over), Vocational training in Arts and Design, Higher studies in Arts and Design, Advanced training in Languages (students of 16 and more), Sport studies of the Specialised Education System and Initial and Secondary education for adult people. The source of population data is Cifras de Población of INE.



✎ Activity rates are defined as the percentage of the population aged 16 or over that meets the conditions for inclusion among employed or unemployed people. Unemployment rates are defined as the percentage of active population that is not employed, seeking a job and available for working.

✎ Annual wage indexes are calculated considering the average annual wage of total population (men and women as a whole) to be equal to 100, and all other wages are expressed as ratio to this average.

✎ Educational activity conducted by the Ministry of Education, Culture and Sport abroad (see page 7) is designed to address the needs of the Spanish population residing abroad and to promote and spread Spanish language and culture in other countries. This activity covers the following:


- *Schools owned by the Spanish government*, whose objective is to provide services for Spanish people residing outside Spain and to extend Spanish language and culture and our education system in the countries where the schools are located.
- *Co-owned schools*, where the Spanish government is one of the owners and an integrated curriculum is taught to students who obtain a double certificate.
- *Spanish sections in schools owned by other countries*, where certain areas of learning from the Spanish education system are taught to Spanish and foreign students.
- *Spanish sections in European schools*, where the regulated content of the schools' specific programme is taught in the Spanish language.
- *Spanish language and culture groups*, which are specific programmes for the children of Spanish people residing abroad.
- *Schools under agreements* enabling Latin-American and Spanish students residing outside Spain to obtain the academic certificates of their place of residence and Spanish academic certificates, by adding supplementary studies in Spanish language, Literature, and Geography and History. The teachers at these schools can also improve their own training and personal knowledge.
- *Bilingual sections in schools owned by other countries*, where part of the curriculum is taught in Spanish and Spanish civilization and culture are included.
- *International Spanish Academies (ISA)* in non-university schools in the United States and Canada that teach an integrated curriculum of language and content in which Spanish is the teaching language.

✎ *International educational mobility* section (see page 30) presents information from the Erasmus+ program (2014-2020). It is the European Union programme for education, training, youth and sport and is based on the principle that education, training and non-formal learning are key to job creation and improving European competitiveness. Actions managed from the national agencies in a decentralized way in the fields of education and training are the following (call 2016):

- *Mobility of people based on learning* (Key action 1):
  - Staff mobility, especially teachers, trainers and managers in all sectors of education and training (school education, vocational education and training, higher education and adult education).
  - Mobility of students of vocational training and higher education.


- *Cooperation for innovation and exchange of good practices* (Key action 2):
  - Strategic partnerships between organizations of education, training and other relevant actors.

Erasmus+ information is completed with data from *Erasmus.es* call, programme subsidized by the Ministry of Education, Culture and Sport within the Erasmus+ framework. These aids are targeted to the mobility of higher education university or non-university students. There are two modalities of participation: studying and traineeships. Students must be registered in an institution selected by the Erasmus+ programme and have an outstanding academic record. They also need to fulfill the eligibility criteria listed in the Erasmus+ call. A B2 level in the language of instruction of the programme they are applying for is also requested.

 Some sections of this document also present data on the situation of education in Spain within the European framework, as published fundamentally by Eurostat and calculated using the international methodology.

This information is presented using the education levels established in ISCED 2011 (International Standard Classification of Education 2011):

- ISCED 0: Early childhood education
- ISCED 1: Primary education
- ISCED 2: Lower secondary education
- ISCED 3: Upper secondary education
- ISCED 4: Post-secondary non-tertiary education
- ISCED 5: Short-cycle tertiary education
- ISCED 6: Bachelor's or equivalent level
- ISCED 7: Master's or equivalent level
- ISCED 8: Doctoral or equivalent level

 The symbols used in this publication are:

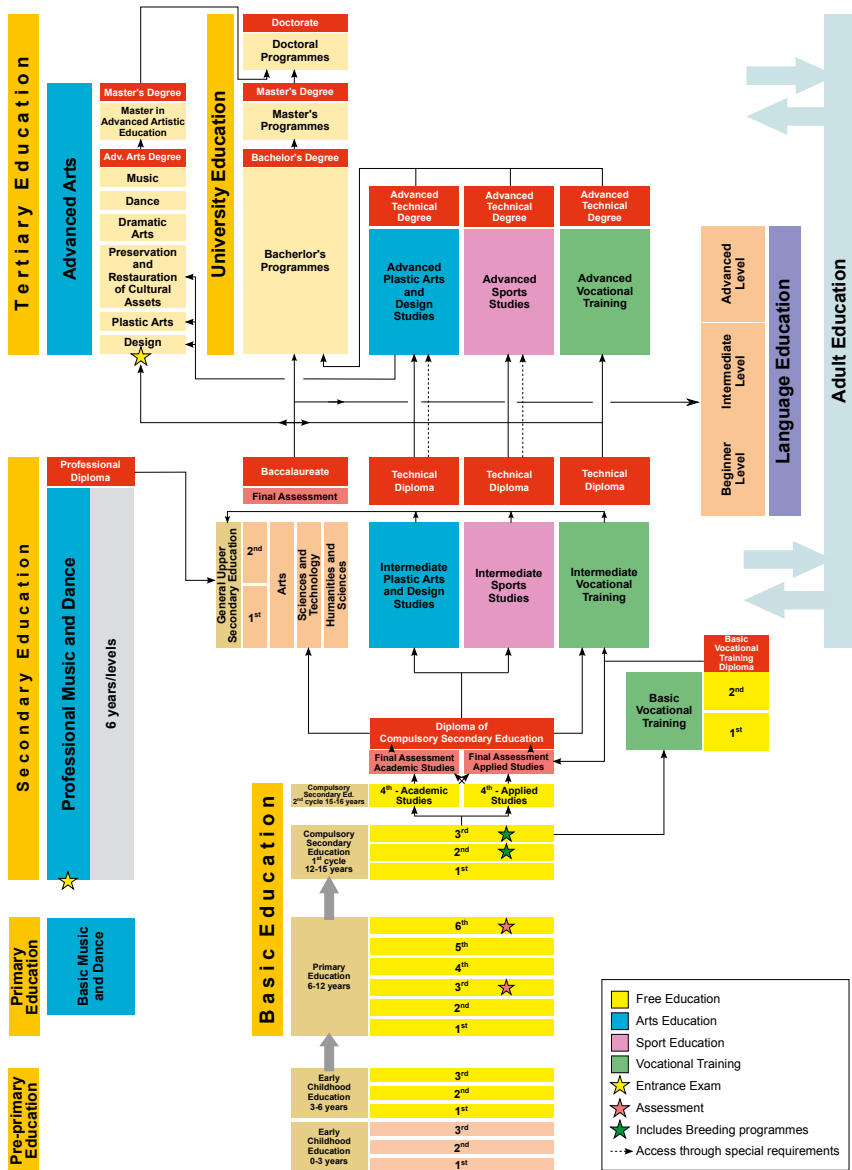
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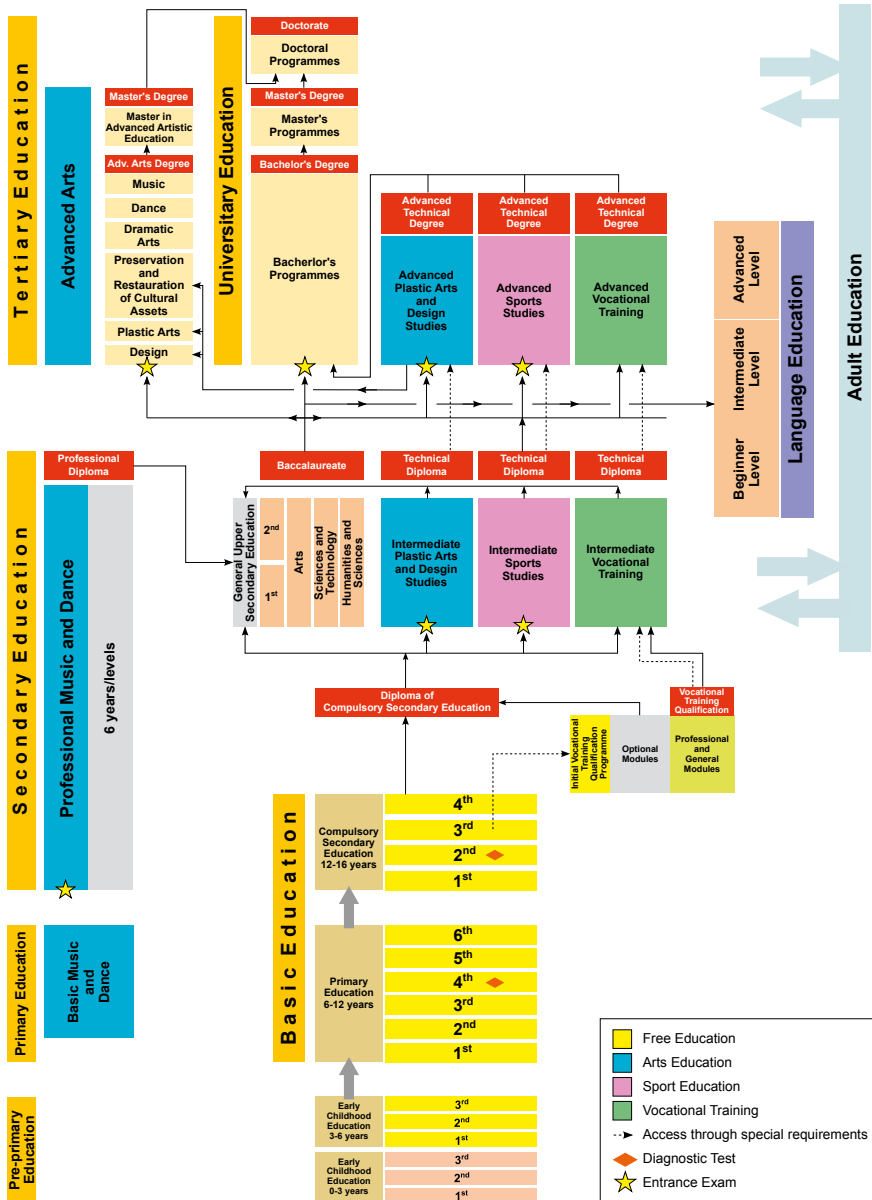
# Structure of the Spanish education system

## SPANISH EDUCATION SYSTEM L.O.M.C.E.



# Structure of the Spanish education system

## SPANISH EDUCATION SYSTEM L.O.E.





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