

# EUA Public Funding Observatory 2017 **Country sheets**

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# AUSTRIA

## Public funding to public universities

Austria maintains a level of investment to universities above GDP growth and in line with an expanding student population. The 'staircase' progression in funding reflects the three-year contractual framework between the state and universities, eroded by inflation in the second and third year of each cycle.



**+44%**

over 8 years in nominal terms (2008-2016)



**'Frontrunner' system**

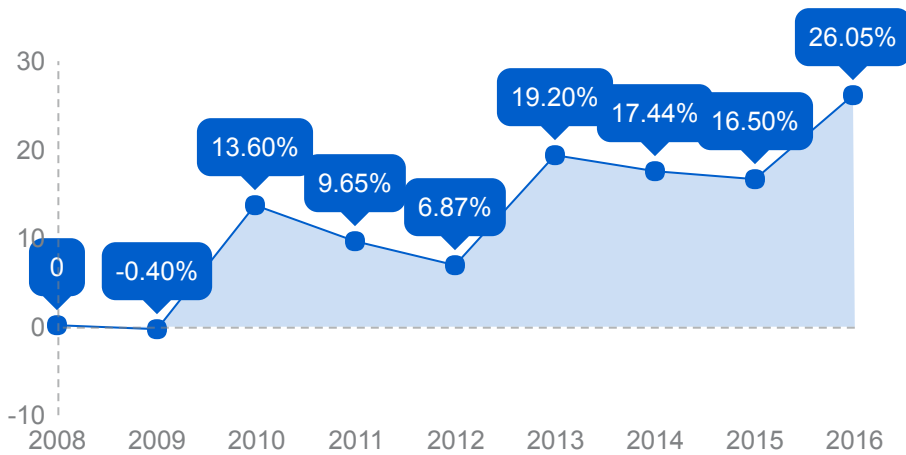
Funding increase outpacing student numbers growth



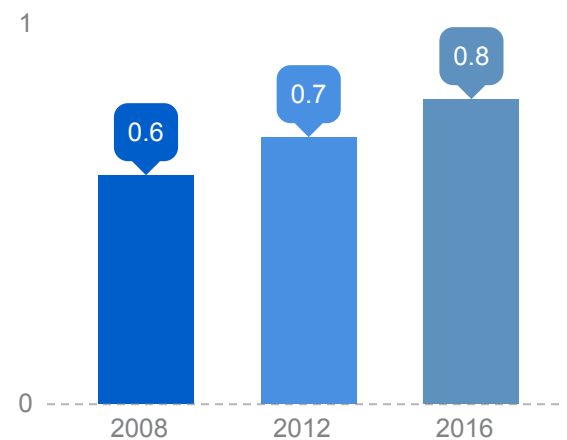
**+26%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+2% academic staff**

between 2008/09 and 2016/17



**+23% non-academic staff**



**+26% students**

between 2008/09 and 2015/16  
(+26% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Universities Austria	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Universities Austria	Universities Austria
2008	1,870,000,000	0.64%	3.2%	223,562	32,698
2009	1,870,000,000	0.65%	0.4%	255,561	33,715
2010	2,169,000,000	0.74%	1.7%	265,030	33,918
2011	2,169,000,000	0.70%	3.6%	272,061	34,276
2012	2,169,000,000	0.68%	2.6%	275,523	34,064
2013	2,470,000,000	0.77%	2.1%	273,280	34,569
2014	2,470,000,000	0.75%	1.5%	277,678	35,090
2015	2,470,000,000	0.73%	0.8%	280,550	35,621
2016	2,699,000,000	0.77%	1.0%	280,989	35,733
2017	2,699,000,000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by national authorities only, not including EU funds

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of regular students (headcount) enrolled in public universities in Austria (excluding further education). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff employed in public universities in Austria. Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



# BE-Flanders

## Public funding to universities

2014 marks Flanders' renewed investment in universities, but in a context of deep structural changes for the sector and a fast-rising student population. A number of academic programmes were transferred from "hogescholen" to universities during that year, resulting in lower funding per student for Flemish universities. Funding increased by under 1% in 2016, although the forecast for 2017 looks brighter (+9% in nominal terms).



**+25%**

over 8 years in nominal terms (2008-2016)



**Growing system under pressure**

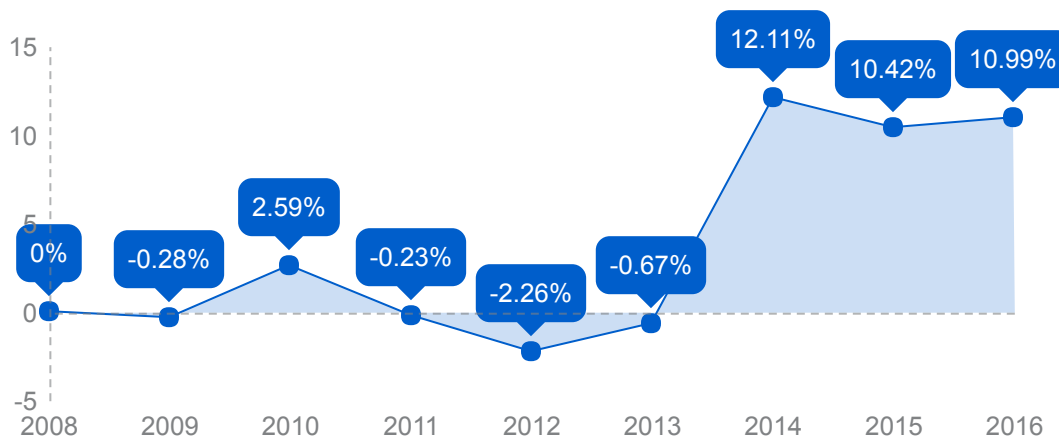
Student numbers growth outpacing funding increase



**+11%**

over 8 years in real terms (2008-2016)

## Funding volumes (2008 basis)



## University demographics (over 8 years)



**+35% academic staff**

between 2008/09 and 2016/17



**+21% non-academic staff**



**+39% students**

between 2008/09 and 2015/16 (+40% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Flemish Interuniversity Council	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Flemish Interuniversity Council	Flemish Interuniversity Council
2008	1,781,988,000	0.87%	4.5%	168,546	19,326
2009	1,776,925,000	0.88%	0.0%	175,933	19,771
2010	1,870,168,000	0.89%	2.3%	186,529	20,778
2011	1,880,659,000	0.86%	3.4%	195,902	21,111
2012	1,890,216,000	0.84%	2.6%	202,721	21,444
2013	1,944,051,000	0.85%	1.2%	229,923	22,117
2014	2,205,075,000	0.94%	0.5%	232,435	24,681
2015	2,184,970,000	0.91%	0.6%	234,971	25,003
2016	2,235,824,000 c	N/A	1.8%	236,760	25,120
2017	2,432,047,000 f	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to universities by the Flemish regional government, including funding for a) Research and Development, b) Education and Training and c) Scientific and Technological Services (excluding funding for education for higher education colleges)

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students (headcount) enrolled in public HEIs in Flanders (universities and university colleges, with roughly equal shares for both types of higher education institutions). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff employed in public universities in Flanders (excluding university colleges). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

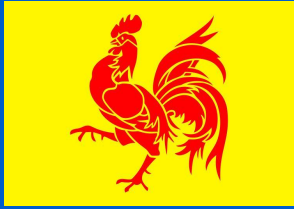
N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



# Public Funding Observatory 2017

## BE-French-speaking community

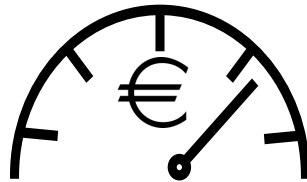
### Public funding to public universities

The French-speaking community of Belgium shows a positive funding trajectory, but this has to be considered in the context of a faster-expanding student population. More funding was allocated last year (+4.14%), but only 2.6% (in nominal terms) will be invested in the current year, as the Belgian economy shows robust growth.



**+28%**

in nominal terms  
(2008-2015)



**Growing system under pressure**

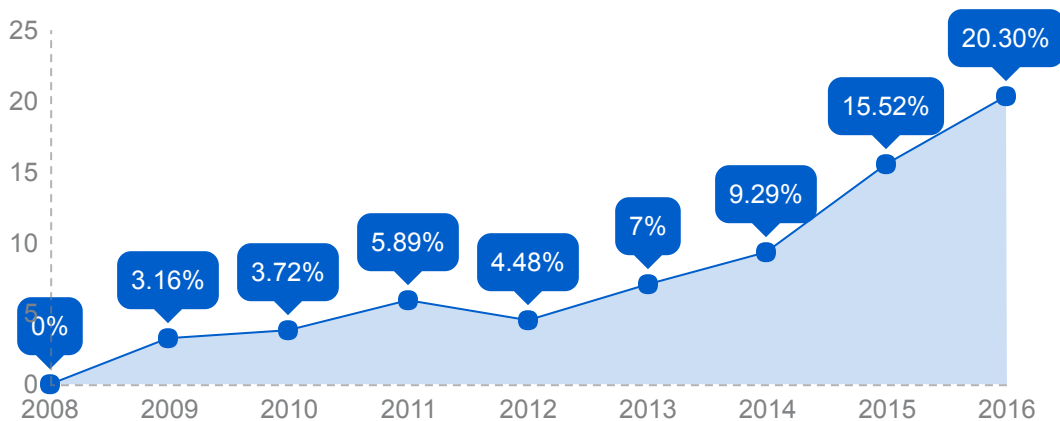
Student numbers growth  
outpacing funding increase



**+16%**

in real terms  
(2008-2015)

### Funding volumes (2008 basis)



### University demographics



**+13% academic staff**

between 2008/09  
and 2014/15



**+9% non-academic staff**



**+25% students**

between 2008/09  
and 2014/15

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Rectors' Conference, French Community of Belgium	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Rectors' Conference, French Community of Belgium	Rectors' Conference, French Community of Belgium
2008	501,268,000 c	0.59% c	4.5%	73,601	13,629
2009	517,102,000 c	0.63% c	0.0%	77,346	13,994
2010	531,896,000 c	0.61% c	2.3%	84,550	14,336
2011	561,481,000 c	0.63% c	3.4%	86,381	14,699
2012	568,414,000 c	0.63% c	2.6%	87,711	14,817
2013	589,082,000 c	0.64% c	1.2%	89,459	14,991
2014	604,725,000 c	0.65% c	0.5%	91,887	14,903
2015	643,004,000 c	0.68% c	0.6%	N/A	N/A
2016	681,647,000 c	N/A	1.8%	N/A	N/A
2017	699,504,000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to universities by the French-speaking Community government, not including EU funds

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students (headcount) enrolled in public higher education institutions in Wallonia. Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff employed in public HEIs in Wallonia. Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure





# Public Funding Observatory 2017

## CROATIA

### Public funding to public universities

Croatia's 'W-shaped' funding trajectory reveals variable policy choices, in a context of expansion of the student body and a difficult economic situation. Renewed investment since 2016 allows the country to nearly close the created gap, but funding growth needs to be sustained in the longer term to produce its full effects.



**+10%**

over 8 years in nominal terms (2008-2016)



**System 'in danger'**

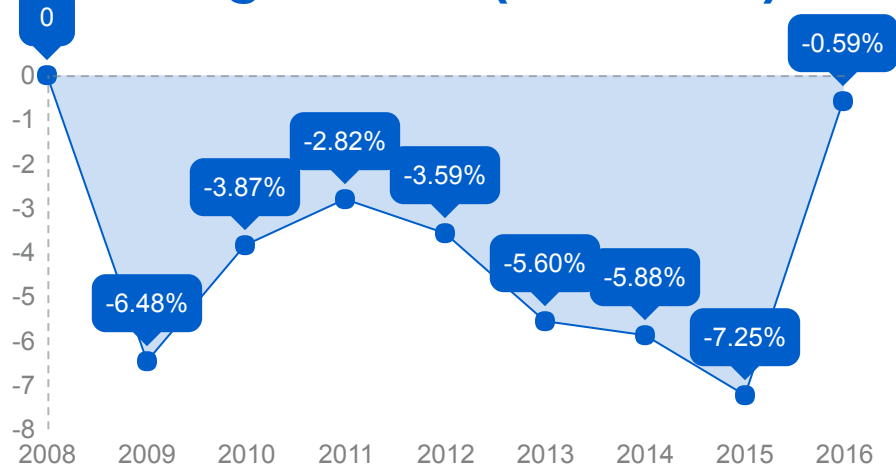
Funding cuts and growing student numbers



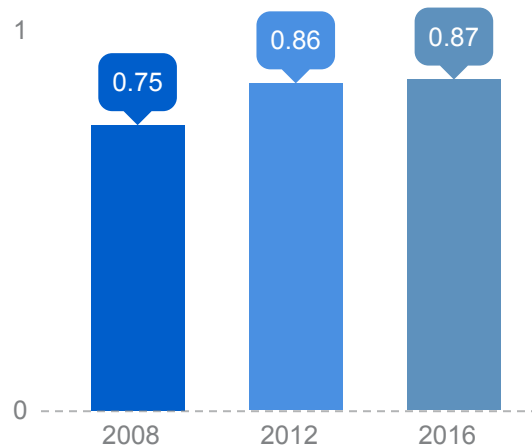
**-0.6%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



### University demographics



**+27% academic staff**

between 2008/09 and 2017/18



**+18% non-academic staff**



**+28% students**

between 2008/09 and 2015/16 (+21% from 2008/09 to 2017/18)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (HRK) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Ministry of Science, Higher Education and Sports of Croatia	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Ministry of Science, Higher Education and Sports of Croatia	Ministry of Science, Higher Education and Sports of Croatia
2008	359,508,919 c	2,667,376,427	0.75%	5.8%	138,859	12,058
2009	343,594,330 c	2,549,298,130	0.76%	2.2%	149,636	12,658
2010	357,092,708 c	2,649,449,349	0.79%	1.1%	153,960	12,866
2011	368,908,736 c	2,737,118,364	0.83%	2.2%	157,289	13,185
2012	378,460,862 c	2,807,990,364	0.86%	3.4%	165,214	13,243
2013	379,070,341 c	2,812,512,398	0.87%	2.3%	166,054	13,353
2014	378,692,448 c	2,809,708,620	0.88%	0.2%	162,022	13,348
2015	372,094,168 c	2,760,752,681	0.84%	-0.3%	177,919	14,861
2016	396,386,619 c	2,940,990,521	0.87%	-0.6%	164,427	14,966
2017	408,895,230 o	3,033,798,160 o	N/A	N/A	167,452	14,942

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by national public authorities only, not including EU funds

<sup>2</sup> Total public funding provided to higher education institutions by national public authorities only, not including EU funds, in national currency.

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Student numbers include full-time and part time students enrolled in HEI's per academic year (2008 = academic year 2008/2009).

<sup>6</sup> Total academic and non-academic staff employed at higher education institutions in Croatia. Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available      c = corrected      f = forecast/estimate      p = provisional      o = officially announced figure



# Public Funding Observatory 2017 CYPRUS

## Public funding to public universities

Cyprus is included in the Public Funding Observatory for the first time in 2017. Funding data covers public funding allocated to the University of Cyprus and the Open University of Cyprus (and therefore does not include figures for Cyprus University of Technology, the third public university in the system). Demographic data (on staff and students) could not be retrieved to match the funding dataset. Cyprus shows volatile funding patterns, with a large cut in 2013. The country increased its public funding to these two universities by 2.4% in real terms in 2016. Additional funds specifically go to support infrastructure. No further growth is however expected next year.



**-16%**

over 8 years in nominal terms (2008-2016)



**Aggravating pattern**

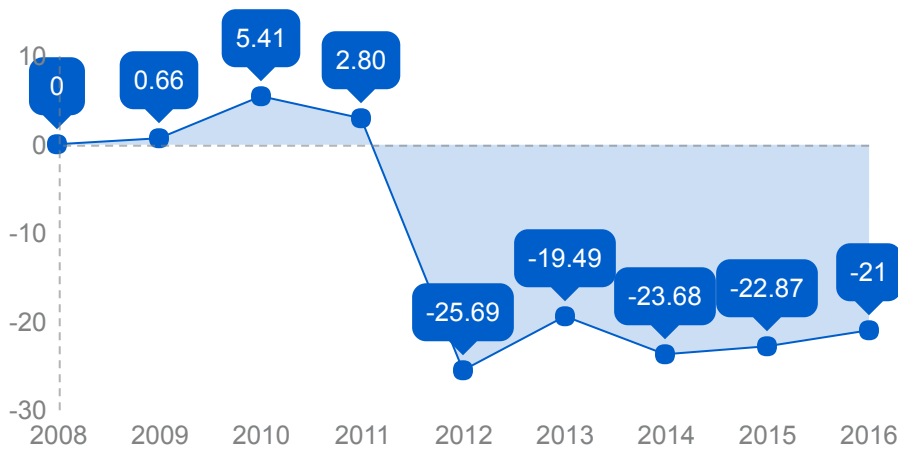
System with continued disinvestment in universities



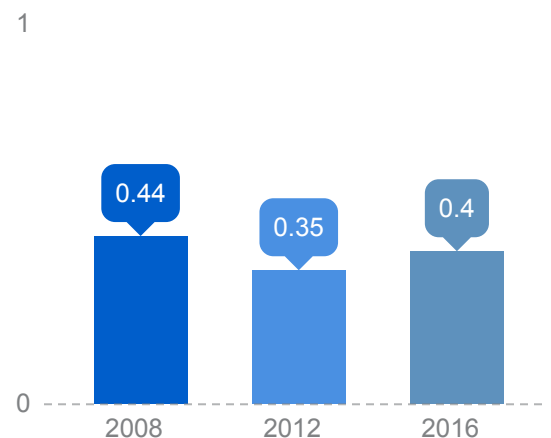
**-21%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers	Staff numbers
Sources	Cypriot Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	N/A	N/A
2008	84,143,159	0.44%	4.4%	N/A	N/A
2009	84,867,195	0.45%	0.2%	N/A	N/A
2010	91,181,660	0.47%	2.6%	N/A	N/A
2011	92,037,100	0.47%	3.5%	N/A	N/A
2012	68,593,663	0.35%	3.1%	N/A	N/A
2013	74,611,099	0.41%	0.4%	N/A	N/A
2014	70,515,335	0.40%	-0.3%	N/A	N/A
2015	70,196,162	0.40%	-1.5%	N/A	N/A
2016	71,037,510	0.40%	-1.2%	N/A	N/A
2017	71,037,510 o	N/A	N/A	N/A	N/A

Last update: 06/12/2017

<sup>1</sup> Total public funding in EUR provided to the University of Cyprus and the Open University of Cyprus (the Cyprus University of Technology is not included)

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

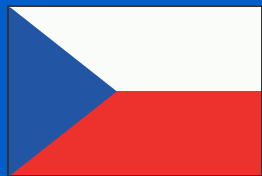
N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



# Public Funding Observatory 2017 CZECH REPUBLIC

## Public funding to public universities

Funding to Czech universities has been decreasing faster than the student population in the country, although with GDP growing since 2015, there would be space for investment. In 2017 renewed investment (+6%) is a first positive sign, although the country's economy remains characterised by a degree of volatility.



**-15%**

over 8 years in nominal terms (2008-2016)



**Declining system under pressure**

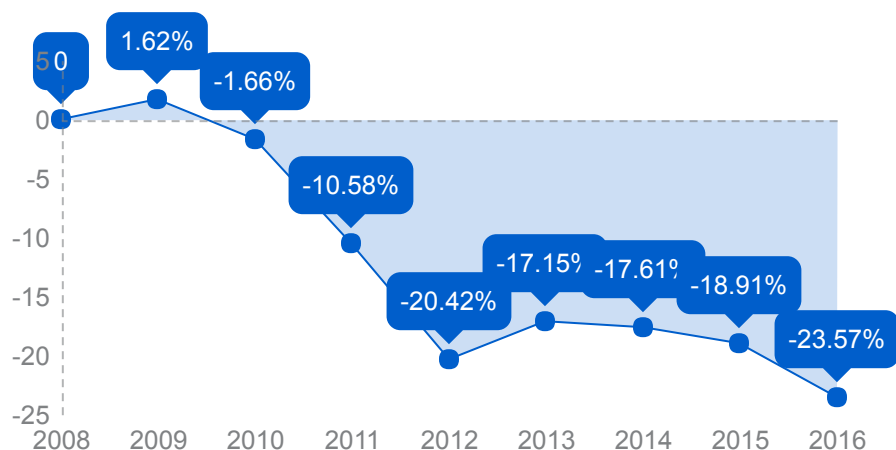
Funding cuts outpacing decline in student numbers



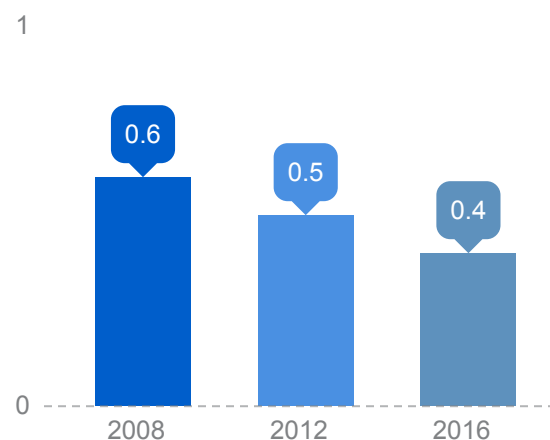
**-24%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**-10% academic staff**

between 2008/09 and 2015/16



**-9% non-academic staff**



**-8% students**

between 2008/09 and 2015/16 (-12% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (CZK) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Czech Rectors Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Czech Rectors Conference; Ministry of Education, Youth and Sports of Czech Republic	Czech Rectors Conference; Ministry of Education, Youth and Sports of Czech Republic
2008	910,640,987 c	24,101,935,000	0.57% c	6.3%	319,148	32,903
2009	930,980,088 c	24,640,250,000	0.63% c	0.6%	333,148	33,277
2010	911,707,711 c	24,130,168,000	0.58% c	1.2%	339,361	32,799
2011	847,241,395 c	22,423,938,000	0.52% c	2.2% c	339,054	31,684
2012	780,360,524 c	20,653,802,000	0.48% c	3.5%	333,501	29,265
2013	823,810,859 c	21,803,802,000	0.52% c	1.4%	324,594	29,056
2014	822,564,023 c	21,770,802,000	0.53% c	0.4%	305,614	29,438
2015	812,020,019 c	21,491,733,845	0.49% c	0.3%	292,578	29,854
2016	769,905,051 c	20,377,076,980	0.44% c	0.6%	280,340	N/A
2017	817,133,675 o	21,627,076,980 o	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to public and state universities by the Ministry of Education, Youth and Sport, not including EU funds

<sup>2</sup> Total public funding in CZK provided to public and state universities by the Ministry of Education, Youth and Sport, not including EU funds

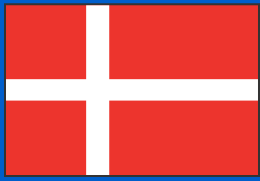
<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in public HEIs in Czech Republic (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total number of academic and non-academic staff employed in public HEIs in Czech Republic. Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available      c = corrected      f = forecast/estimate      p = provisional      o = officially announced figure



# Public Funding Observatory 2017

## DENMARK

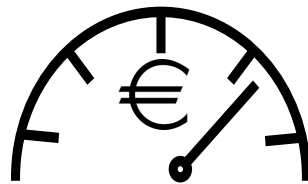
### Public funding to public universities

The steady growth of public funding to Danish universities is not sufficient to alleviate the high demographic pressure on the sector, even if the investment effort is above GDP growth. The government has put forward a new public funding system still based on zero tuition fees (Danish and EU students), student's completion time and employability, etc.



**+35%**

over 8 years in nominal terms (2008-2016)



**Growing system under pressure**

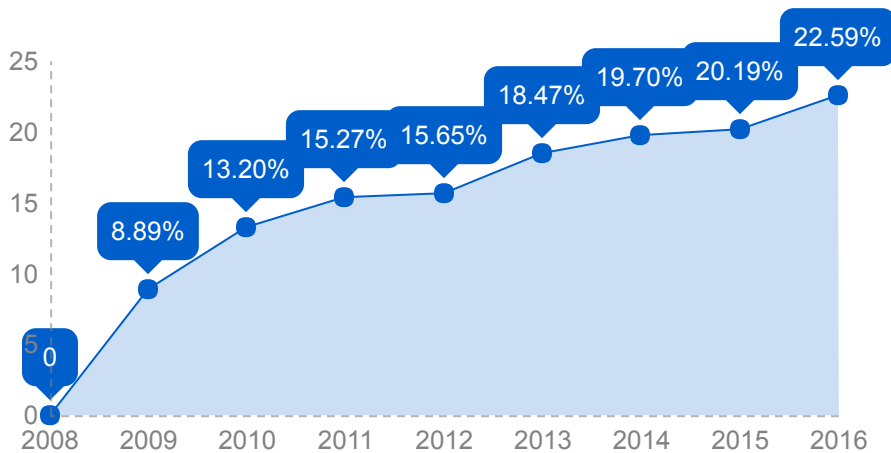
Student numbers growth outpacing funding increase



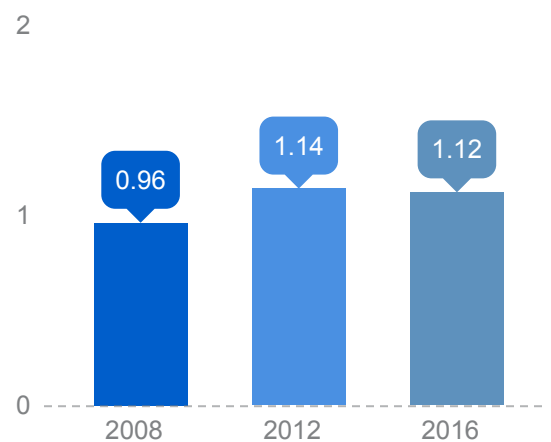
**+23%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP for research



### University demographics (2008 = index 100)



**+36% academic staff**

between 2008/09 and 2016/17



**+15% non-academic staff**



**+48% students**

between 2008/09 and 2015/16 (+50% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (DKK) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Universities Denmark	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Universities Denmark	Universities Denmark
2008	2,311,145,761 c	17,194,000,000	0.96%	3.6%	74,445	26,596
2009	2,541,803,323 c	18,910,000,000	1.10%	1.0% c	76,734	28,039
2010	2,700,548,417 c	20,091,000,000	1.11% c	2.2%	80,128	29,579
2011	2,824,076,563 c	21,010,000,000	1.14% c	2.7%	85,408	30,405
2012	2,901,365,665 c	21,585,000,000	1.14% c	2.4%	92,002	31,721
2013	2,987,122,964 c	22,223,000,000	1.15% c	0.5%	98,693	33,450
2014	3,030,136,029 c	22,543,000,000	1.14% c	0.4% c	108,502	33,997
2015	3,048,685,413 c	22,681,000,000 c	1.12% c	0.2%	110,494	33,874
2016	3,109,441,368 c	23,133,000,000	1.12% c	0.0%	111,926	33,470
2017	N/A	N/A	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education, not including EU funds

<sup>2</sup> Total public funding in national currency provided to higher education institutions by all public authorities in the country with a significant funding role for higher education, not including EU funds

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in the 8 member universities of Universities Denmark, counted in full time equivalents (FTEs). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total number of academic and non-academic staff enrolled in the 8 member universities of Universities Denmark, counted in FTEs (include full-time and part-time staff). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available      c = corrected      f = forecast/estimate      p = provisional      o = officially announced figure





# Public Funding Observatory 2017 ESTONIA

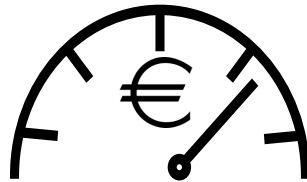
## Public funding to public universities

Estonian universities are back to operating with about 20% less funding than in 2008, after budget cuts cancelled out relative improvements achieved in the middle of the period. The country is also faced with the issue of a dwindling student population. GDP growth has been sustained since 2011 and offers space for reinvestment.



**-10%**

over 7 years in nominal terms (2008-2015)



**Declining system under pressure**

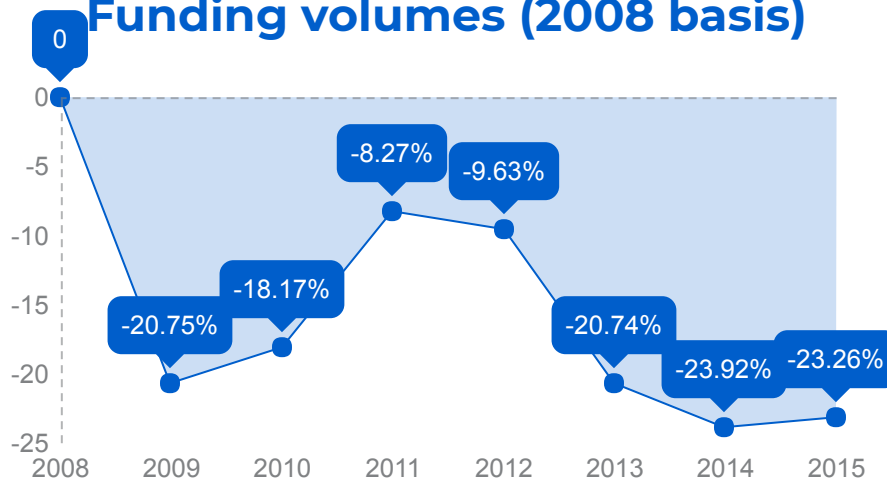
Funding cuts outpacing decline in student numbers



**-23%**

over 7 years in real terms (2008-2015)

### Funding volumes (2008 basis)



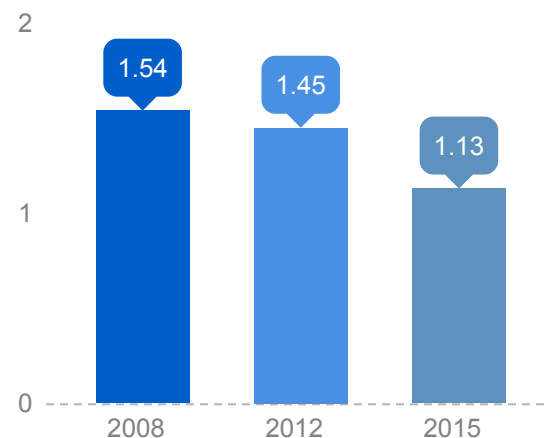
### Demographics



**-20% students**

between 2008/09 and 2014/15  
(-25% from 2008/09 to 2015/16)

### Share of GDP



Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers
Sources	<a href="#">HaridusSilm (Statistical Database of the Estonian Ministry of Education and Research)</a>	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Estonian Rectors' Conference	N/A
2008	254,500,000	1.54%	10.6%	66,333	N/A
2009	202,100,000	1.43%	0.2%	66,966	N/A
2010	214,300,000	1.46%	2.7%	67,055	N/A
2011	252,500,000 c	1.51%	5.1%	65,389	N/A
2012	259,200,000 c	1.45%	4.2%	62,483	N/A
2013	234,600,000 c	1.24%	3.2%	57,791	N/A
2014	226,300,000 c	1.15%	0.5%	53,254	N/A
2015	228,500,000	1.13%	0.1%	49,590	N/A
2016	N/A	N/A	0.8%	N/A	N/A
2017	N/A	N/A	N/A	N/A	N/A

Note: Estonian funding data is provided in Euro even for the years prior to the entry into the Eurozone because of its fixed exchange rate with the Euro during that period.

Last update: 30/11/2017

<sup>1</sup> General government expenditure for tertiary education, including EU structural funds

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total ISCED'97 5&6 in Estonia (including private institutions), counted in full time equivalents (FTE) . Student numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

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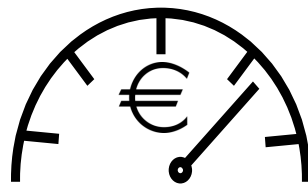
# FINLAND

## Public funding to public universities

The funding dataset for Finland spans over the period of 2010-2015. Finland is a shrinking system, as public funding for universities decreased at a slightly lower pace than the student population. The GDP share of funding for universities also declined over the same period in Finland, although it remains one of the highest in Europe.



**+7%**  
over 5 years in  
nominal terms  
(2010-2015)



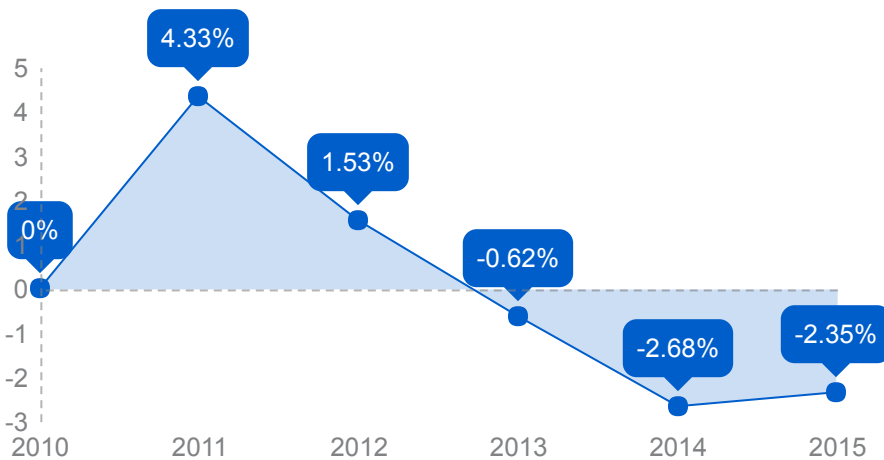
### Declining system under pressure

Funding cuts outpacing  
decline in student numbers

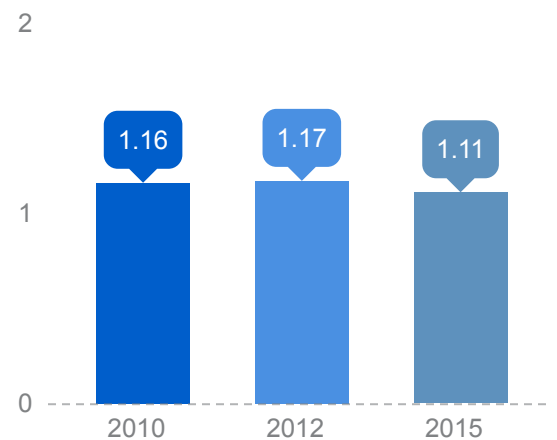


**-2%**  
over 5 years  
in real terms  
(2010-2015)

### Funding volumes (2010 basis)



### Share of GDP



## University demographics



### -6% academic staff

between 2010/11  
and 2016/17



### -14% non-academic staff



### -1.4% students

between 2010/11  
and 2014/15  
(+4% from 2008/09  
to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	<a href="#">Statistics Finland and Ministry of Education and Culture</a>	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	<a href="#">Vipunen (Ministry of Education and Culture and Finnish Board of National Education)</a>	Universities Finland UNIFI
2008	N/A	N/A	3.9%	111,775	N/A
2009	N/A	N/A	1.6%	114,448	N/A
2010	2,162,000,000	1.16%	1.7%	114,192	31,561 c
2011	2,330,000,000	1.18%	3.3%	113,918	31,530 c
2012	2,340,000,000	1.17%	3.2%	114,378	31,737 c
2013	2,341,000,000	1.15%	2.2%	113,624 c	31,481
2014	2,320,000,000	1.13%	1.2%	112,583	30,752
2015	2,323,000,000	1.11%	-0.2%	111,800	29,957 c
2016	N/A	N/A	0.4	116,045	28,683
2017	N/A	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding consists of expenditure of universities. Consumption expenditure refers to budget funded operating expenditure as entered in the financial statements of the state. Additionally, the consumption expenditure of university education and research includes external research funding of universities. Due to changes caused by the amended Universities Act, the data from 2010 onwards are not fully comparable with those on earlier years. EU structural funds are included.

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of university students (all degrees, FTEs). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff employed at public universities in Finland (FTEs). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

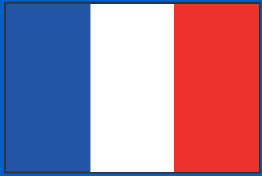
N/A= not available

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# FRANCE

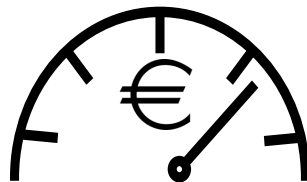
## Public funding to public universities

France maintains a comparatively stable level of funding to universities, although economic growth suggests that there is scope for further investment, in particular considering the demographic pressure universities are facing. Latest figures nevertheless indicate that funding and student population growth are on par.



**+14%**

over 8 years in nominal terms (2008-2016)



**Growing system under pressure**

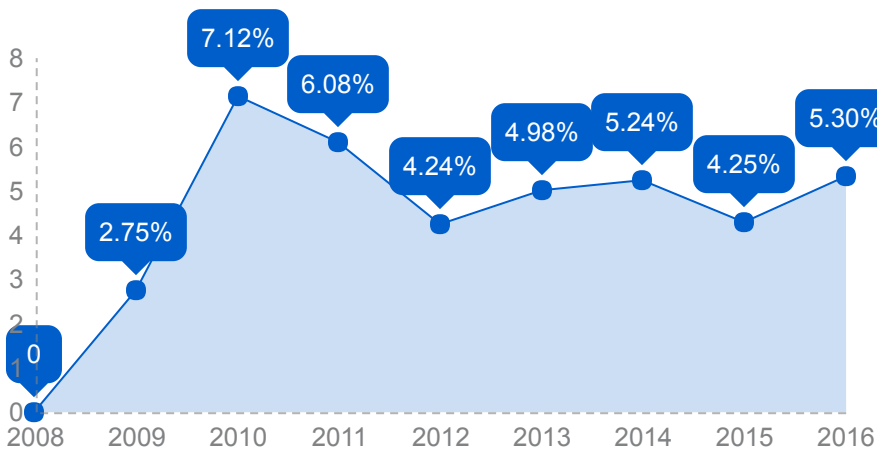
Student numbers growth outpacing funding increase



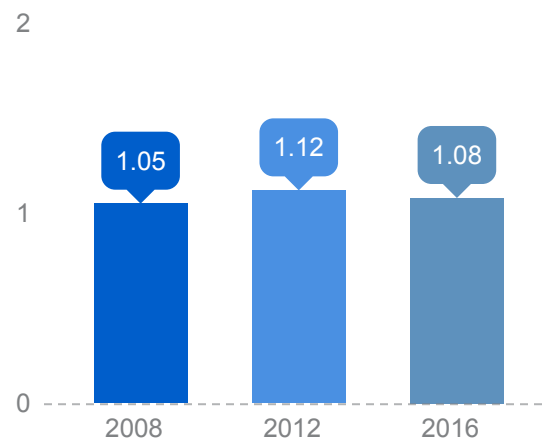
**+5%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+2% academic staff**

between 2008/09 and 2016/17



**+6% non-academic staff**



**+13% students**

between 2008/09 and 2015/16 (+16% from 2008/09 to 2017/18)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	French Conference of University Presidents	<u>Eurostat (for GDP at market prices)</u>	<u>Eurostat</u>	Ministry for Education and Research	Ministry for Education and Research
2008	21,000,000,000	1.05%	3.2%	1,863,000	137,585
2009	21,600,000,000	1.11%	0.1%	1,913,000	140,840
2010	22,900,000,000	1.15%	1.7%	1,909,000	141,309
2011	23,200,000,000	1.13%	2.3%	1,926,000	140,866
2012	23,300,000,000	1.12%	2.2%	1,950,000	140,820
2013	23,700,000,000	1.12% c	1.0%	1,986,000	140,084
2014	23,900,000,000	1.11% c	0.6%	2,039,000	142,434
2015	23,700,000,000	1.08% c	0.1%	2,101,000	142,377
2016	24,010,000,000	1.08%	0.3%	2,128,000 c	142,895
2017	N/A	N/A	N/A	2,159,000	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education and research by national public authorities at different levels. The funding series has been revised in order to include: (1) all public funding from the state (85% of funding), territories (12%) and other public administration units (3%); (2) funding from European sources, chambres of commerce, industry, and agriculture.

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students (headcount) enrolled in public HEIs in France. The student series has been revised to exclude students enrolled at private universities. Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff (headcount) employed in public HEIs in France. Staff numbers are reported per academic year (2008 = academic year 2008/2009)

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# Public Funding Observatory 2017

# GERMANY

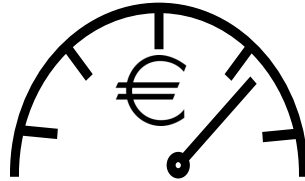
## Public funding to public universities

Germany's pace of investment appears sustainable, with 2017 in line with the country's average annual investment over the period and above GDP growth, but has to be considered in the context of an even faster-expanding student population. This results in broadly stagnating basic funding to universities.



**+49%**

over 8 years in nominal terms (2008-2016)



**Growing system under pressure**

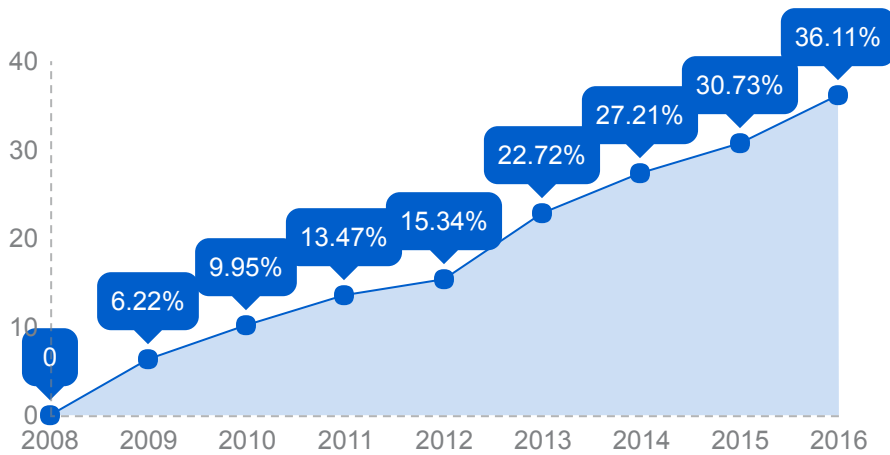
Student numbers growth outpacing funding increase



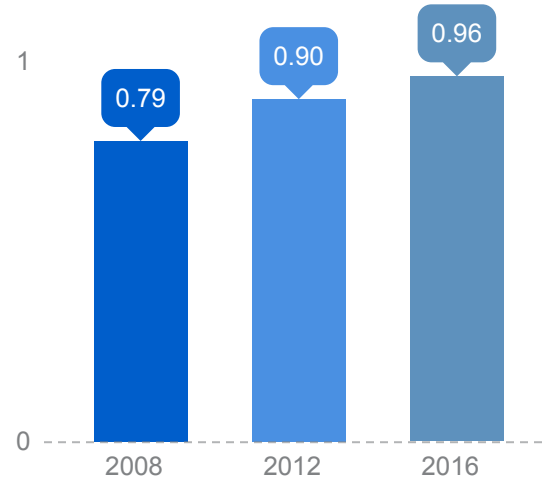
**+36%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+40% academic staff**

between 2008/09 and 2015/16



**+14% non-academic staff**



**+40% students**

between 2008/09 and 2015/16 (+40% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	German Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	German Rectors' Conference	German Rectors' Conference
2008	20,200,000,000	0.79%	2.8%	2,000,000	537,335
2009	21,500,000,000	0.87%	0.2%	2,100,000	573,364
2010	22,500,000,000 c	0.87%	1.1% c	2,200,000	601,682
2011	23,800,000,000	0.88%	2.5%	2,400,000	619,233
2012	24,700,000,000	0.90%	2.1%	2,500,000	640,021
2013	26,700,000,000	0.94%	1.6%	2,600,000	662,076
2014	27,900,000,000	0.95%	0.8%	2,700,000	675,146
2015	28,700,000,000	0.95%	0.1%	2,800,000	684,385
2016	30,000,000,000	0.96%	0.4%	2,800,000	N/A
2017	N/A	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education (Federal government and Länder)

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students (headcount) enrolled in universities and universities of applied sciences in Germany (public and private). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff (headcount) in Germany (include temporary, part-time staff). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

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# Public Funding Observatory 2017 GREECE

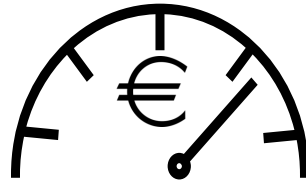
## Public funding to public universities

Data for Greece was provided in 2016 and shows a continued disinvestment of the country in the university sector that vastly exceeds the drop in the student population and the scale of the economic decline.



**-63%**

over 8 years  
in nominal terms  
(-56% for 2008 to 2015)



**'Declining' system  
under pressure**

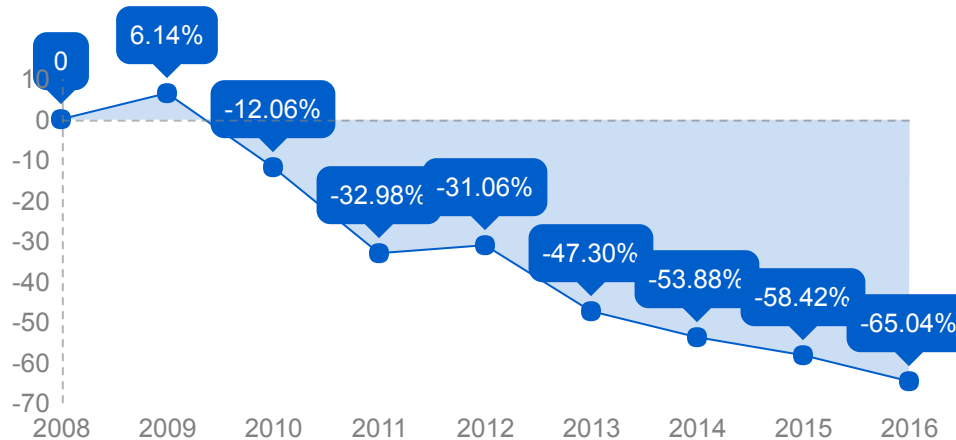
Funding cuts outpace decline  
in student numbers



**-65%**

over 8 years  
in real terms  
(-58% for 2008 to 2015)

## Funding volumes (2008 basis)



## Demographics



**-16% students**

between 2008/09  
and 2014/15

## Share of GDP

1



Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Greek Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	Greek Rectors' Conference	Greek Rectors' Conference
2008	263,200,000	0.11%	4.2%	369,219	N/A
2009	283,000,000	0.12%	1.3%	378,935	N/A
2010	245,500,000	0.11%	4.7%	397,309	N/A
2011	192,900,000	0.09%	3.1%	405,030	N/A
2012	200,400,000	0.10%	1.0%	409,932	N/A
2013	151,800,000	0.08%	-0.9%	411,905	20,256
2014	131,000,000	0.07%	-1.4%	427,510	20,267
2015	116,800,000	0.07%	-1.1%	N/A	N/A
2016	98,200,000	0.06%	0.0%	N/A	19,421
2017	N/A	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by national authorities only (not including EU funds or staff salaries). The funding series has been revised in line with the reported student numbers, therefore it only covers universities in Greece and it excludes Technological Educational Institutions (TEI)

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students (headcount) enrolled in Greek universities. Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff (headcount) employed in Greek universities. Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

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p = provisional

o = officially announced figure



# Public Funding Observatory 2017 HUNGARY

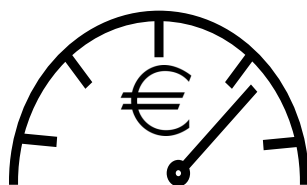
## Public funding to public universities

Hungary's 'V-shaped' funding trajectory suggests that the situation is slowly improving since 2013, although not significantly enough to compensate years of budget cuts. The 2017 nominal increase is worth nearly one third of the 2016 figure, amidst the controversial reforming of the Hungarian HE sector. Steady GDP growth hints at further investment possibilities.



**-13%**

over 8 years in nominal terms (2008-2016)



**Declining system under pressure**

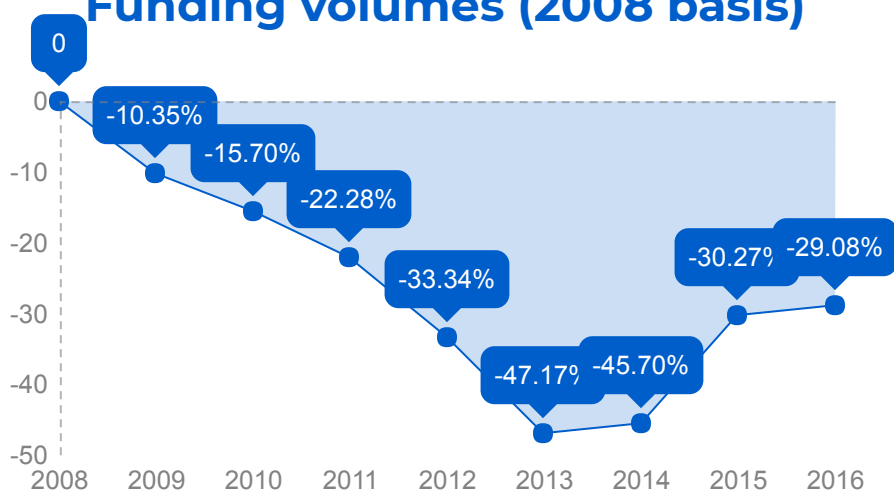
Funding cuts outpacing decline in student numbers



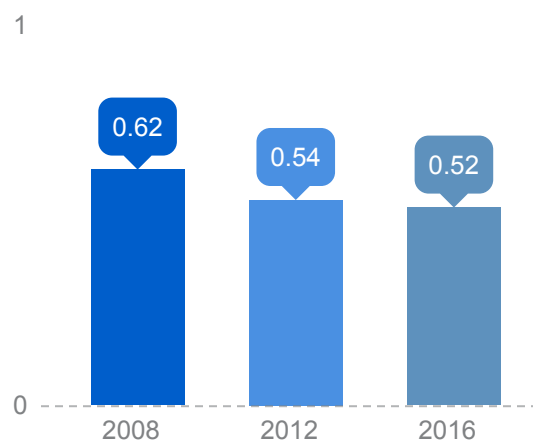
**-29%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**0% academic staff**

between 2008/09 and 2016/17



**+21% non-academic staff**



**-23% students**

between 2008/09 and 2015/16 (-25% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (HUF) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Hungarian Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Hungarian Rectors' Conference	Hungarian Rectors' Conference
2008	670,706,023 c	207,000,000,000	0.62% c	6.0%	381,033	51,871
2009	625,344,263 c	193,000,000,000	0.67% c	4.0%	370,331	53,165
2010	615,623,886 c	190,000,000,000	0.63% c	4.7%	361,347	57,015
2011	589,702,880 c	182,000,000,000	0.58% c	3.9%	359,824	54,114
2012	534,620,743 c	165,000,000,000	0.54% c	5.7%	338,467	54,317
2013	430,936,720 c	133,000,000,000	0.42% c	1.7%	320,124	52,337
2014	442,883,388 c	136,687,100,000	0.42% c	0.0%	306,524	54,563
2015	569,363,834 c	175,722,760,000 c	0.52% c	0.1%	295,316	57,743
2016	581,343,356 c	179,420,000,000	0.52% c	0.4%	287,018	57,516
2017	753,251,466 o	232,476,000,000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by national public authorities only, not including EU funds

<sup>2</sup> Total public funding provided to higher education institutions by national public authorities only, not including EU funds, in national currency.

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in public higher education institutions in Hungary, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009).

<sup>6</sup> Total number of academic and non-academic staff (headcount) employed in public higher education institutions in Hungary. Staff numbers are reported per academic year (2008 = academic year 2008/2009)

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# Public Funding Observatory 2017 ICELAND

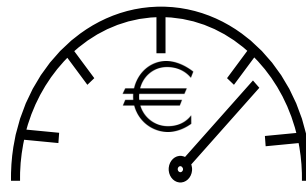
## Public funding to public universities

In the context of a robust economic growth with a surplus of almost 20% of end-year GDP in 2016, Iceland significantly re-invested in universities in the last two years. Iceland might close the funding gap created between 2008 and 2012 in the short-term, although more remains to be done to accommodate the expanding student population.



**+41%**

over 8 years in nominal terms (2008-2016)



**System in 'danger'**

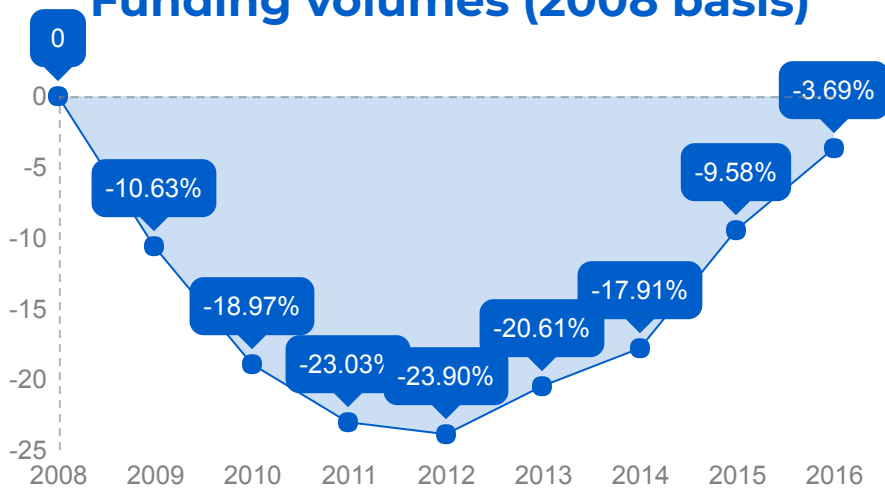
Funding cuts and growing student numbers



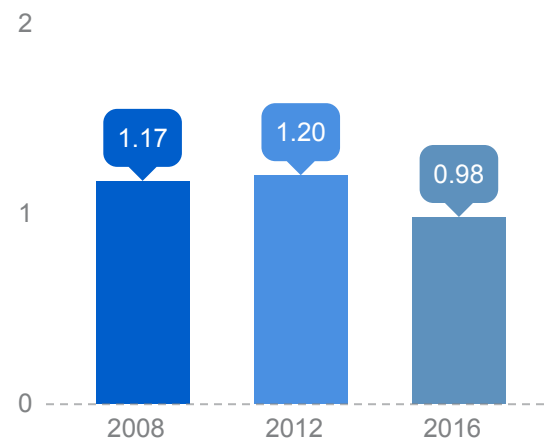
**-4%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+7% academic staff**

between 2009/10 and 2017/18



**+23% non-academic staff**

between 2009/10 and 2017/18



**+13% students**

between 2008/09 and 2015/16 (+12% from 2008/09 to 2017/18)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (ISK) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Icelandic Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Icelandic Rectors' Conference	Icelandic Rectors' Conference
2008	126,282,564 c	14,203,000,000	1.17% c	12.8%	12,587	1,066
2009	131,252,779 c	14,762,000,000	1.42% c	16.3%	13,044	1,260
2010	127,927,447 c	14,338,000,000	1.28% c	7.5%	13,818	1,275
2011	126,629,323 c	14,242,000,000	1.20% c	4.2%	13,843	1,278
2012	132,702,054 c	14,925,000,000	1.20% c	6.0%	13,827	1,283
2013	144,118,432 c	16,209,000,000	1.24% c	4.1%	14,377	1,316
2014	150,511,247 c	16,928,000,000	1.16% c	1.0%	14,035	1,343
2015	166,275,451 c	18,701,000,000	1.10% c	0.3%	14,195	1,391
2016	178,536,499 c	20,080,000,000 c	0.98% c	0.8%	14,121	1,425 c
2017	198,364,008 o	22,310,000,000 o	N/A	N/A	14,129	1,439 f

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by national public authorities only, not including EU funds (current prices)

<sup>2</sup> Total public funding in national currency provided to higher education institutions by national public authorities only, not including EU funds (current prices)

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in public higher education institutions in Iceland, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total number of academic and non-academic staff (FTE) employed by the University of Iceland which constitutes about 2/3 of the publicly funded Higher Education Institutions (public and private). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



# Public Funding Observatory 2017 IRELAND

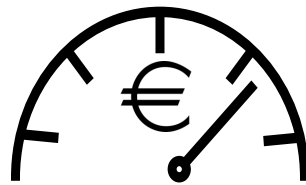
## Public funding to public universities

Although recurrent funding to Irish universities increased by 3.5% in 2017 for the first time in almost a decade, increasing student numbers means that funding per student continues to decline. High GDP growth suggests possibilities for renewed investment. The funding model is under discussion but the prospect of reform remains distant.



**-37%**

over 8 years in nominal terms (2008-2016)



**System in danger**

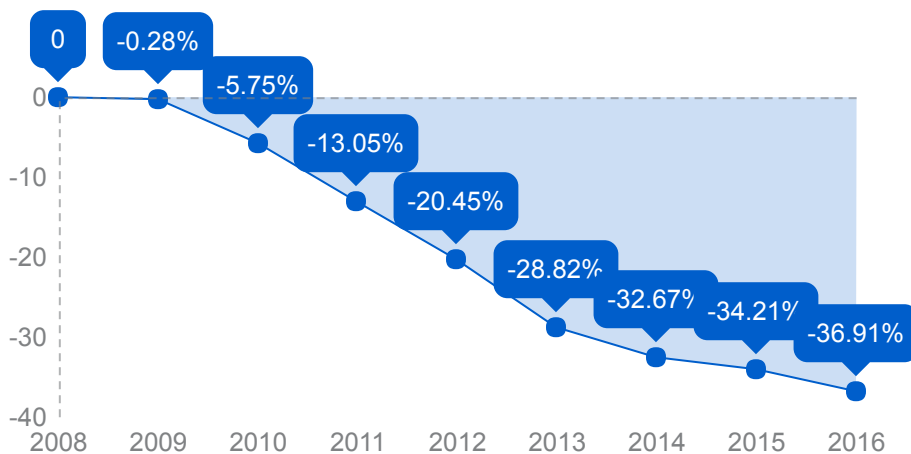
Funding cuts and growing student numbers



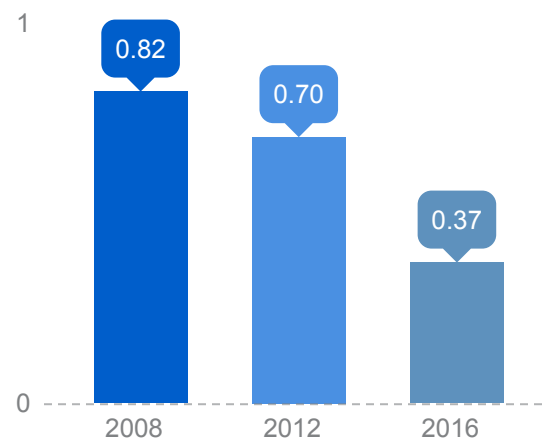
**-37%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**-3% academic staff**

between 2008/09 and 2017/18



**-16% non-academic staff**



**+23% students**

between 2008/09 and 2015/16  
(+26% from 2008/09 to 2017/18)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Irish Universities' Association	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Irish Universities' Association	Irish Universities' Association
2008	1,548,400,000	0.82%	3.1%	161,539	19,333 c
2009	1,517,800,000	0.89%	-1.7%	172,217	20,035 c
2010	1,411,600,000	0.84%	-1.6%	177,079	19,176 c
2011	1,317,900,000	0.76%	1.2%	179,487	18,044 c
2012	1,228,600,000 c	0.70%	1.9%	182,089	17,699 c
2013	1,104,800,000	0.61%	0.5%	186,560 c	17,337 c
2014	1,048,300,000	0.54%	0.3%	191,326	17,106 c
2015	1,024,300,000 c	0.40% c	0.0%	197,979 c	17,069 c
2016	980,300,000 c	0.37% c	-0.2%	200,400	17,162 c
2017	1,014,900,000 o	N/A	N/A	202,800	17,475 c

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to HEIs by national public authorities; includes recurrent grant funding provided by the Higher Education Authority (HEA) plus capital funding provided by the HEA and research funding provided in respect of the Programme for Research in Third Level Institutions (PRTL). Further research grant funding provided by other national research agencies are not included.

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students enrolled in public higher education institutions in Ireland, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff employed at public higher education institutions in Ireland (core funded staff only) (FTE). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure





# Public Funding Observatory 2017 ITALY

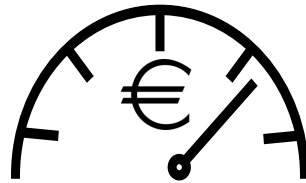
## Public funding to public universities

Unlike other countries to the West of Europe, Italy is confronted with a drop in student numbers. This situation however does not justify the downward trend in funding, which has been stabilising in the recent years at a worrying low level in spite of economic growth.



**-8%**

over 8 years in nominal terms (2008-2016)



**Declining system under pressure**

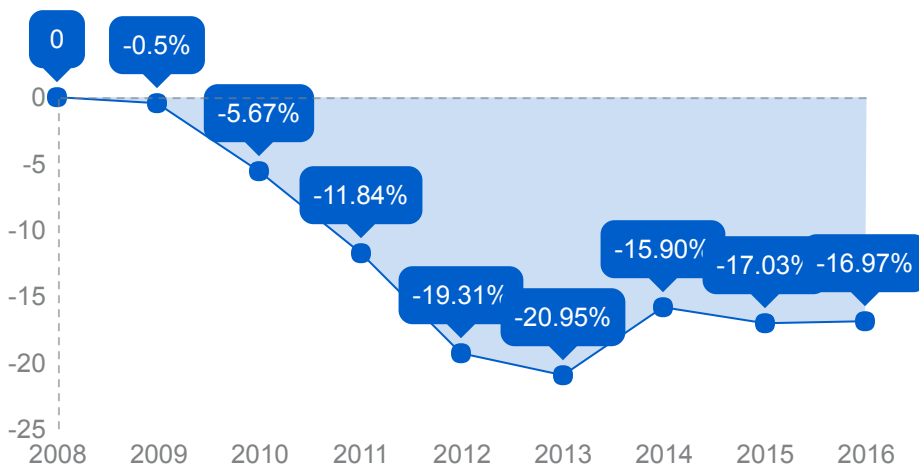
Funding cuts outpacing decline in student numbers



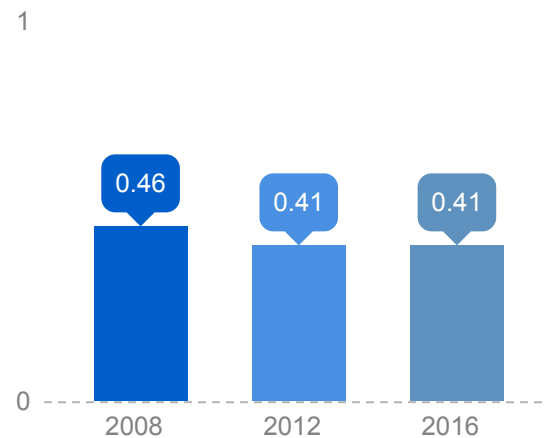
**-17%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**-16% academic staff**

between 2008/09 and 2015/16



**-23% non-academic staff**



**-10% students**

between 2008/09 and 2015/16

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Italian Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Italian Rectors' Conference	Italian Rectors' Conference
2008	7,551,000,000	0.46%	3.5%	1,814,344	130,481
2009	7,573,000,000	0.48%	0.8%	1,799,542	120,598
2010	7,295,000,000	0.45%	1.6%	1,781,786	114,913
2011	7,015,000,000	0.43%	2.9%	1,751,192	112,420
2012	6,633,000,000	0.41%	3.3%	1,709,408	110,057
2013	6,576,000,000	0.41%	1.2% c	1.676.956 c	109,274
2014	7,010,000,000	0.43%	0.2%	1.652.592 c	106,894
2015	6,923,000,000	0.42%	0.1%	1.641.693 c	105,100
2016	6,921,000,000	0.41%	-0.1%	N/A	N/A
2017	N/A	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by national public authorities only, not including EU funds

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students enrolled in public higher education institutions in Italy, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff employed at public higher education institutions in Italy (headcount). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

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# Public Funding Observatory 2017 LATVIA

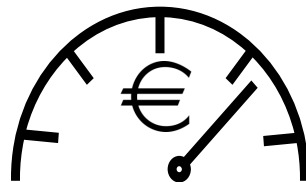
## Public funding to public universities

The effect of the large budget cuts at the beginning of the period are still obvious and despite a modest but sustained positive trend since 2012, Latvia is still far from the 2008 mark. In Latvia's dual funding system, the number of state-supported study places at public universities has broadly remained stable, while student body decline has mostly affected fee-paying students. Public institutions are therefore hit both by the decline in public funding and by lower fee-related income.



**-29%**

over 8 years in nominal terms (2008-2016)



**Declining system under pressure**

Funding cuts outpacing declining student numbers



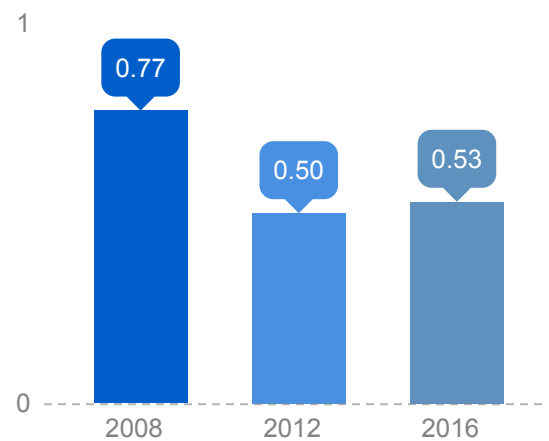
**-36%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**-15% academic staff**

between 2008/09 and 2015/16



**-23% non-academic staff**



**-25% students**

between 2008/09 and 2015/16

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Ministry of Education statistics	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Ministry of Education statistics	Ministry of Education statistics
2008	187,961,391	0.77%	15.3%	84,389	11,767
2009	122,651,566	0.65%	3.3%	77,693	10,649
2010	110,272,580	0.62%	-1.2%	73,289	9,492
2011	104,581,092	0.52%	4.2%	69,164	10,002
2012	110,557,154	0.50%	2.3%	67,712	9,959
2013	111,450,000	0.49%	0%	65,410	9,856
2014	121,500,000	0.51% c	0.7%	63,456	9,528
2015	131,980,000	0.54%	0.2%	63,626	9,461
2016	132,980,000	0.53%	0.1%	N/A	N/A
2017	N/A	N/A	N/A	N/A	N/A

Note: Latvian funding data is provided in Euros even for the years prior to the entry into the Eurozone because of its fixed exchange rate with the Euro during that period.

**Last update: 30/11/2017**

<sup>1</sup> Total public funding in EUR provided to higher education and research by national public authorities only, including 15% local co-funding for EU structural funds projects

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students enrolled in public HEIs in Latvia (headcount). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff employed by public higher education institutions in Latvia (headcount). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

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o = officially announced figure



# Public Funding Observatory 2017 LITHUANIA

## Public funding to public universities

Public funding to universities in Lithuania dropped by more than one third in 2008-2016, whereas student numbers declined by more than 40%. The country made some re-investments in last two years, but the outlook for 2017 remains negative. Ca. 10% of public funding to universities in 2017 came from EU Structural Funds.



**-20%**

over 8 years in nominal terms (2008-2016)



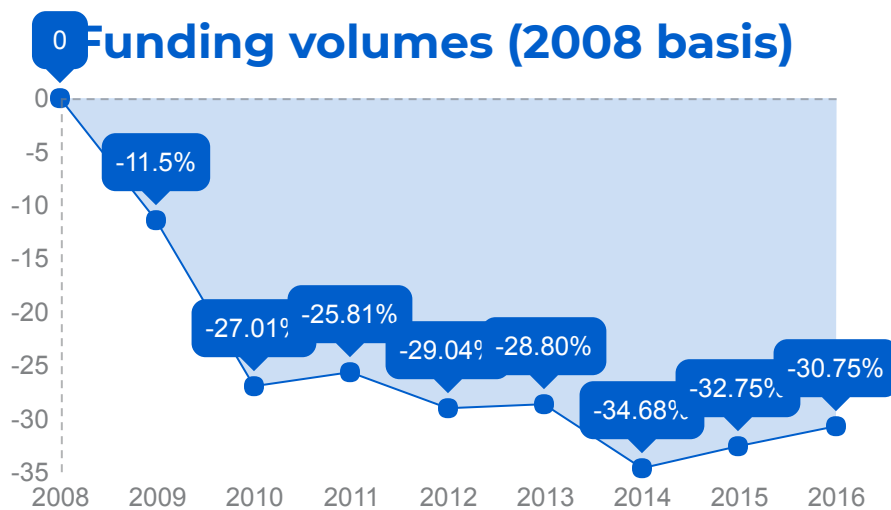
**'Shrinking system'**

Funding cuts lower than declining student numbers



**-31%**

over 8 years in real terms (2008-2016)

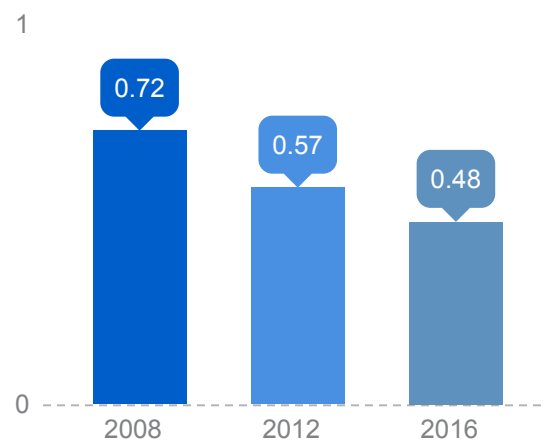


## Demographics



**-39% students**  
between 2008/09 and 2015/16  
(-42% from 2008/09 to 2016/17)

## Share of GDP



Item	Total public funding (EUR): state subsidies and EU structural funds <sup>1</sup>	Public funding breakdown:		National public funding as percentage of GDP <sup>4</sup>	Inflation rate <sup>5</sup>	Student numbers <sup>6</sup>	Staff numbers
		State subsidies <sup>2</sup>	EU structural funds <sup>3</sup>				
Sources	Lithuanian Rectors' Conference			<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Lithuanian Rectors' Conference	N/A
2008	N/A	235,501,607	N/A	0.72%	11.1%	144,301	N/A
2009	224,051,931	217,173,584	6,878,347	0.81%	4.2%	133,564	N/A
2010	199,935,866	181,262,442	18,673,424	0.65%	1.2%	125,046	N/A
2011	257,568,977	191,807,796	65,761,181	0.61%	4.1%	113,780	N/A
2012	272,054,608	189,326,621	82,727,987	0.57%	3.2%	104,923	N/A
2013	275,604,614	192,242,516	83,362,098	0.55%	1.2%	105,163	N/A
2014	284,679,330	176,713,960	107,965,370	0.48%	0.2%	99,066	N/A
2015	312.705.602 f	180,663,666	132,041,936	0,48% c	-0.7%	88,604	N/A
2016	224,742,000	187,336,000	37,406,000	0.48%	0.7%	83,663	N/A
2017	208,777,823	186696000 o	22,081,823	N/A	N/A	N/A	N/A

Note: Lithuanian funding data is provided in Euro even for the years prior to the entry into the Eurozone because of its fixed exchange rate with the Euro during that period.

Last update: 30/11/2017

<sup>1</sup> Aggregated total of "state subsidies" and "EU structural funds"

<sup>2</sup> Direct Ministry funding provided to public universities in EUR

<sup>3</sup> EU structural funds channeled to universities

<sup>4</sup> National public funding as defined above (state subsidies only) as percentage of GDP at market prices (revised as described in PFO report)

<sup>5</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>6</sup> Total number of students enrolled in public higher education institutions in Lithuania, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available      c = corrected      p = provisional      o = officially announced figure



# Public Funding Observatory 2017 LUXEMBOURG

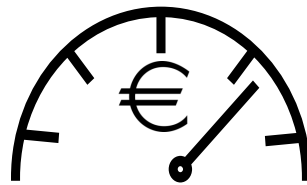
## Public funding to public universities

Luxembourg is a 'frontrunner' system which experienced a manyfold increase in public funding for its university. Reflecting a strong economic growth, additional funding supported an increase in student numbers and the recruitment of new academic and non-academic staff.



**+111%**

over 7 years in nominal terms



**'Frontrunner' system**

Funding increase outpacing student numbers growth



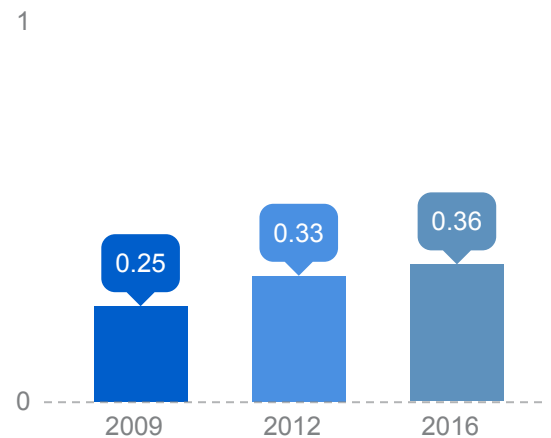
**+87%**

over 7 years in real terms (2009-2016)

### Funding volumes (2009 basis)



### Share of GDP



## University demographics



**+85% academic staff**

between 2012/13 and 2017/18



**+63% non-academic staff**

between 2012/13 and 2017/18



**+25% students**

between 2009/10 and 2015/16  
(+35% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	University of Luxembourg	<u>Eurostat (for GDP at market prices)</u>	<u>Eurostat</u>	University of Luxembourg	University of Luxembourg
2008	N/A	N/A	4.1%	4,561	N/A
2009	91,800,000	0.25%	0.0%	4,951	N/A
2010	117,000,000	0.29% c	2.8%	5,204	N/A
2011	134,300,000	0.31% c	3.7%	5,709	N/A
2012	147,300,000	0.33% c	2.9%	6,308	1,126
2013	160,200,000	0.34% c	1.7%	6,231	1,312
2014	162,900,000	0.33% c	0.7%	6,309 c	1,414
2015	179,400,000	0.34% c	0.1%	6189 c	1,504
2016	193,500,000	0.36%	0.0%	6,153	1,587
2017	N/A	N/A	N/A	N/A	1,702

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education by all national public authorities with a significant role in university funding, including EU funds

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students enrolled in public higher education institutions in Luxembourg, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff employed in public higher education institutions in Luxembourg, calculated in FTE and as an average over the 12 months; 2016 figures are as of 31/07/2016.

N/A= not available

c = corrected

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p = provisional

o = officially announced figure





# THE NETHERLANDS

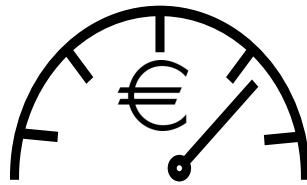
## Public funding to public universities

The Netherlands is a 'growing' system where public funding to universities increased by 7% amidst a nearly 25% growth in student numbers in the long run. Last year's investment was the country's record since 2008 and the 2017 figures should be similar. However, funding per student adjusted to inflation went down.



**+19%**

over 8 years in nominal terms (2008-2016)



**Growing system under pressure**

Student numbers growth outpacing funding increases



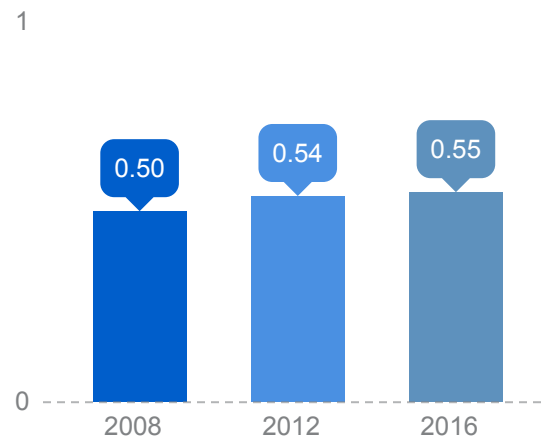
**+7%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+13% academic staff**

between 2008/09 and 2015/16



**+3% non-academic staff**



**+18% students**

between 2008/09 and 2015/16 (+23% from 2008/09 to 2017/18)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Dutch Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Dutch Rectors' Conference	Dutch Rectors' Conference
2008	3,217,000,000 c	0.50% c	2.2%	219,221	40,684 c
2009	3,306,000,000 c	0.54% c	1.0%	231,786	42,175 c
2010	3,359,000,000 c	0.53% c	0.9%	240,755	42,910 c
2011	3,460,000,000 c	0.54% c	2.5%	243,796	42,877 c
2012	3,489,000,000 c	0.54% c	2.8%	239,742	42,902 c
2013	3,587,000,000 c	0.55% c	2.6%	248,288	43,186 c
2014	3,670,000,000 c	0.55% c	0.3%	253,465	43,605 c
2015	3,735,000,000 c	0.55% c	0.2%	258,046	44,244 c
2016	3,828,000,000 c	0.55% c	0.1%	264,838	N/A
2017	3,934,000,000 o	N/A	N/A	270,000	N/A

Last update: 30/11/2017

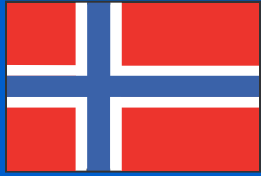
<sup>1</sup> Total public funding in EUR provided to universities by the public authorities, not including EU funds

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students (headcount, full time and part time) enrolled in the 13 Dutch research universities (not including the Open University). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff (FTE) at 14 universities that are member of the Association of universities in the Netherlands (Excluding universities of applied sciences and faculties of medicine and Health departments). Staff numbers are reported per academic year (2008 = academic year 2008/2009)



# NORWAY

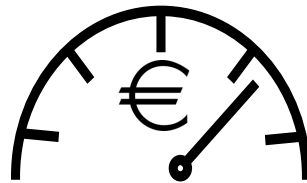
## Public funding to public universities

Norway is a 'frontrunner' system where public funding for universities grew in line with student numbers. Despite the continuing negative GDP growth, funding to universities grew by 1.6% in real terms in 2016 and is projected to have a similar growth pattern in 2017.



**+46%**

over 8 years in nominal terms (2008-2016)



**'Frontrunner' system**

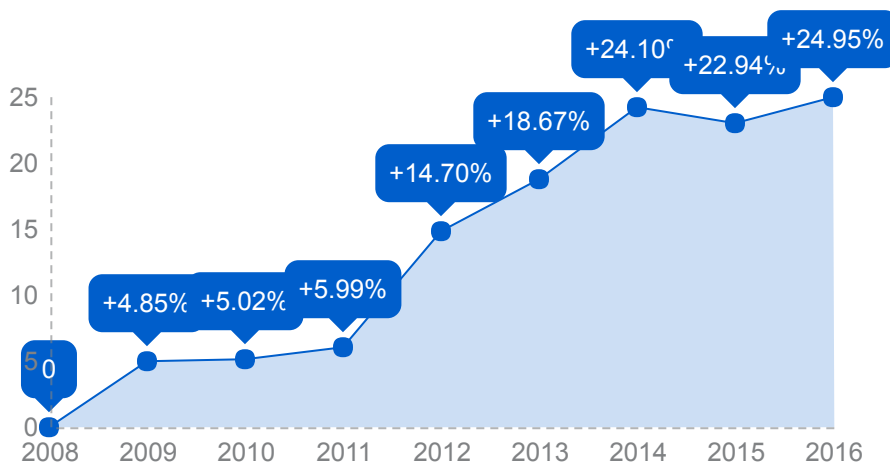
Funding increase outpacing student numbers growth



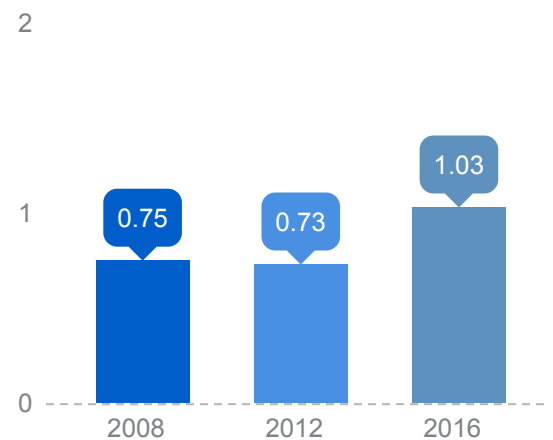
**+25%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+20% academic staff**

between 2008/09 and 2016/17



**+19% non-academic staff**



**+22% students**

between 2008/09 and 2015/16 (+25% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (NOK) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2016</a>	Norwegian Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Norwegian Rectors' Conference	Norwegian Rectors' Conference
2008	2,360,431,365 c	22,282,000,000	0.75%	3.4%	163,500	28,737
2009	2,531,939,236 c	23,901,000,000	0.91% c	2.3%	170,700	29,312
2010	2,594,228,691 c	24,489,000,000	0.80% c	2.3%	175,200	29,919
2011	2,652,280,769 c	25,037,000,000	0.74% c	1.3% c	178,000	30,419
2012	2,881,628,848 c	27,202,000,000	0.73% c	0.4%	183,500	30,718
2013	3,041,060,192 c	28,707,000,000	0.77% c	2.0%	188,500	31,219
2014	3,240,534,757 c	30,590,000,000	0.86% c	1.9%	193,500	32,074
2015	3,274,645,649 c	30,912,000,000	0.94% c	2.0%	200,000	33,300
2016	3,457,905,676 c	32,641,938,000	1.03% c	3.9%	204,100	34,450
2017	3,645,845,357 o	34,416,051,000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education

<sup>2</sup> Total public funding in national currency provided to higher education institutions by all public authorities in the country

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in public higher education institutions in Norway, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total number of academic and non-academic staff employed at public higher education institutions in Norway, counted in full time equivalents (FTE). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



# POLAND

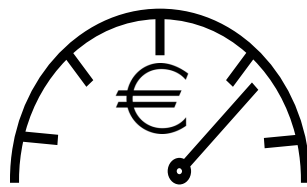
## Public funding to public universities

Real public funding to universities in Poland grew by one fifth in 2008-2016, whilst student numbers shrunk by nearly 20%. After a few years of growth, public investment seem to slow down in 2016 and 2017, but might still pick up based on actual expenditure. Poland has been consistently increasing its GDP share of public funding for universities since 2008. In view of the declining enrolment, the funding formula was modified to focus on student-to-staff ratio.



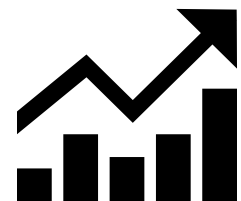
**+38%**

over 8 years in nominal terms (2008-2016)



**System in transition**

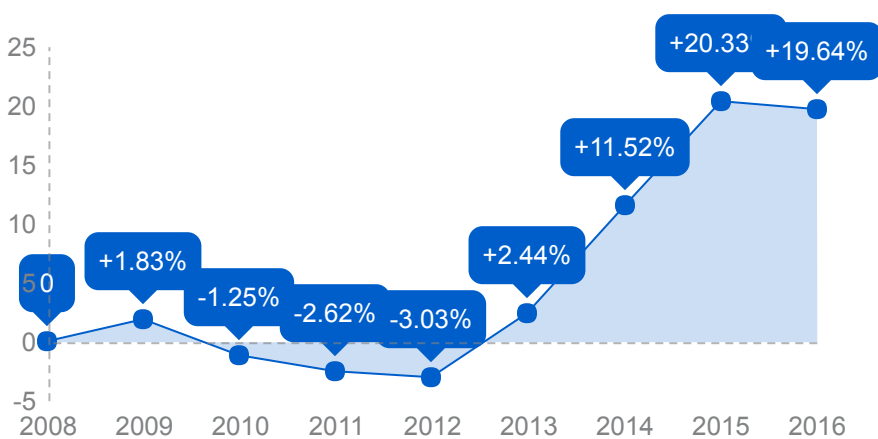
Funding increase and declining student numbers



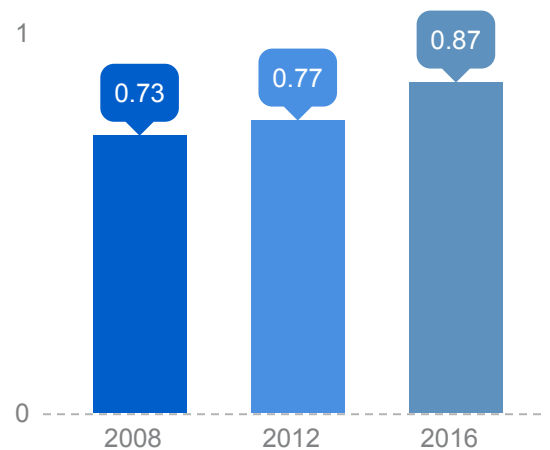
**+20%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**-2% academic staff**

between 2008/09 and 2016/17



**+3% non-academic staff**



**-15% students**

between 2008/09 and 2015/16 (-19% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (PLN) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Polish Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Polish Rectors' Conference	Polish Rectors' Conference
2008	2,679,837,165 c	11,191,000,000	0.73% c	4.2%	1,268,366	144,322
2009	2,838,002,874 c	11,851,500,000	0.9% c	4.0%	1,266,917	146,367
2010	2,823,874,521 c	11,792,500,000	0.78% c	2.6% c	1,261,175	147,616
2011	2,893,199,234 c	12,082,000,000	0.76% c	3.9%	1,245,864	147,540
2012	2,987,739,464 c	12,476,800,000	0.77% c	3.7%	1,217,477	146,899
2013	3,181,465,517 c	13,285,800,000	0.81% c	0.8%	1,151,315	145,697
2014	3,466,762,452 c	14,477,200,000	0.84% c	0.1%	1,110,208	144,861
2015	3,714,511,494 c	15,511,800,000 c	0.86% c	-0.7%	1,075,199	144,365
2016	3,685,823,755 c	15,392,000,000 c	0.87%	0	1,032,286	144,757
2017	3,739,894,636 o	15,617,800,000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education

<sup>2</sup> Total public funding in national currency provided to higher education institutions by all public authorities in the country

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students (full time and part time) enrolled in public higher education institutions in Poland, not including PhD students. Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total number of academic and non-academic staff employed at public higher education institutions in Poland (the number of full-time-employed is given; the number of part-time-employed is not included; part-time-employed account for less than 5% of the total number of employees in headcount (even less in FTE)). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



# PORTUGAL

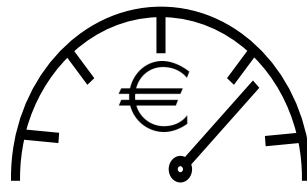
## Public funding to public universities

In Portugal, public funding to universities grew by 6% in 2008-2016. Since 2014, Portugal has been on a positive funding track: the accumulated cuts incurred between 2011 and 2013 were compensated but their effects are long-lasting.



**+15%**

over 8 years in nominal terms (2008-2016)



**System in recovery**

Funding increase now outpacing student numbers growth



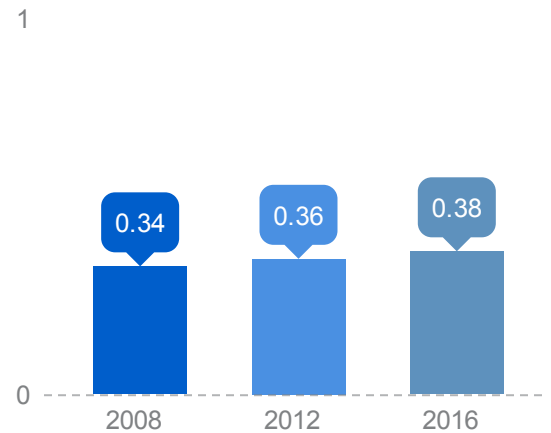
**+6%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+2% academic staff**

between 2008/09 and 2016/17



**+5% students**

between 2008/09 and 2015/16  
(+7% between 2008/09 and 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Portuguese Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Portuguese Rectors' Conference	Portuguese Rectors' Conference
2008	610.958.604	0,34%	2,7%	282.438	24.728
2009	621.610.065	0,35%	-0,9%	293.828	25.092
2010	690.029.725	0,38%	1,4%	307.978	26.410
2011	651.915.870	0,37%	3,6%	311.574	25.849
2012	602.025.013	0,36%	2,8%	303.710	25.528
2013	545.136.257	0,32%	0,4%	301.654	24.745
2014	654.628.672	0,38%	-0,2%	292.359	24.493
2015	690.000.000	0,38%	0,5%	297884c	25.142
2016	702.312.427	0,38%	0,6%	302.596	25.142
2017	736,857,196 f	N/A	N/A	N/A	N/A

**Last update: 20/02/2018**

<sup>1</sup> Total public funding in EUR provided to universities by the public authorities, not including EU funds

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students (headcount) enrolled in public universities and polytechnics in Portugal. Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total academic staff (headcount) employed at public universities and polytechnics in Portugal. Non-academic staff not included. Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure





# SERBIA

## Public funding to public universities

Serbia is a declining system under pressure, as funding to universities reduced by more than one fourth since 2008, whereas student numbers insignificantly grew over the same period.



**+15%**

over 8 years in nominal terms (2008-2016)



**Declining system under pressure**

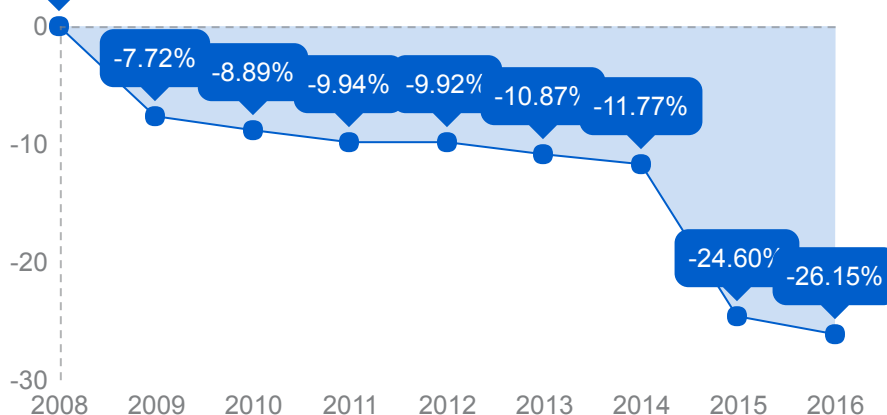
Funding cuts outpacing decline in student numbers



**-26%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Demographics

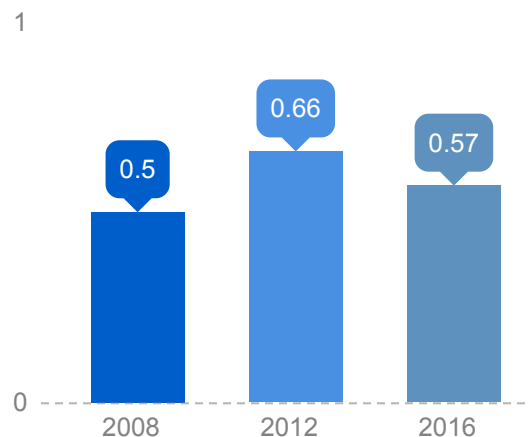


**-0.6% students**

between 2008/09 and 2015/16

(+0.6% from 2008/09 to 2016/17)

### Share of GDP



Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (RSD) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<u>European Commission official exchange rate June 2017</u>	Conference of Universities of Serbia (KONUS)	<u>Eurostat (for GDP at market prices)</u>	Eurostat (2008-2014) and World Bank (2015)	Conference of Universities of Serbia (KONUS)	Conference of Universities of Serbia (KONUS)
2008	168,835,265 c	20,727,753,473	0.50% c	11.9% c	235,940	N/A
2009	168,575,912 c	20,695,913,000	0.55% c	8.2% c	226,772	N/A
2010	176,755,804 c	21,700,151,000	0.59% c	6.2% c	228,531	N/A
2011	194,297,018 c	23,853,670,000	0.58% c	11.2% c	231,661	N/A
2012	208,717,348 c	25,624,041,000	0.66% c	7.4% c	238,945	N/A
2013	222,421,203 c	27,306,451,000	0.65% c	7.7% c	242,848	N/A
2014	225,220,304 c	27,650,094,000	0.68% c	2.3% c	240,862 c	N/A
2015	195,378,691 c	23,986,466,000	0.58% c	1.5% c	234,527	21,081
2016	193,835,615 c	23,797,024,000	0.57% c	1.3% c	237,252	20,571
2017	N/A	24,475,421,000 o	N/A	N/A	N/A	20,933

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education

<sup>2</sup> Total public funding in national currency provided to higher education institutions by all public authorities in the country

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>4</sup> Calculated using the Laspeyres formula

<sup>5</sup> Total number of students enrolled in public higher education institutions in Serbia, headcount. Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total number of academic and non-academic staff employed at public higher education institutions in Serbia (FTE). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

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o = officially announced figure



# Public Funding Observatory 2017 SLOVAKIA

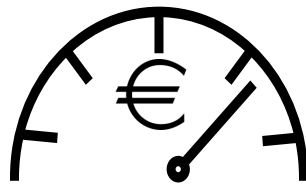
## Public funding to public universities

Slovakia increased its public funding for universities in 2017 for the third year in a row. This year's increase promises to be the biggest with more than 5% growth in nominal terms. Nevertheless the gap created by significant budget cuts between 2010 and 2014 persists, in a context of smaller student cohorts.



**+3%**

over 8 years in nominal terms



**'Shrinking system'**

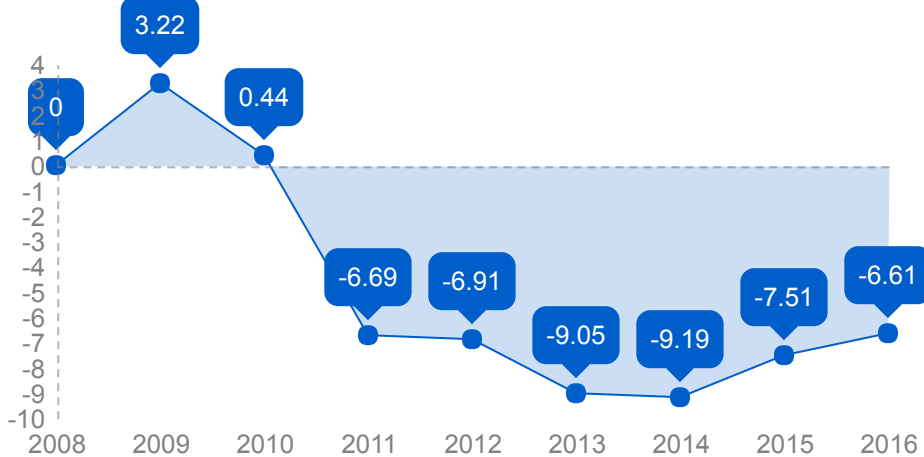
Declining funding and decreasing student numbers



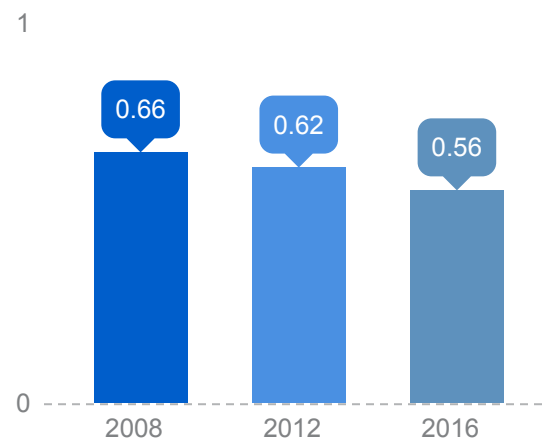
**-7%**

over 8 years in real terms

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**-15% academic staff**

From 2008/09 to 2016/17



**-4% non-academic staff**



**-31% students**

From 2008/09 to 2017/18

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Slovak Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Slovak Rectors' Conference	Slovak Rectors' Conference
2008	437,939,000	0.66% c	3.9%	187,644	21,018
2009	456,127,000	0.71%	0.9%	179,658	20,843
2010	446,912,000	0.66%	0.7%	172,993	21,511
2011	432,247,000	0.61%	4.1%	164,938	21,112
2012	447,167,000	0.62%	3.7%	204,724	20,856
2013	443,424,063	0.60%	1.5%	192,851	20,847
2014	442,296,981	0.58% c	-0.1%	179,391	19,118
2015	449,125,127	0.57%	-0.3%	152,515	20,662
2016	451,235,920	0.56%	-0.5%	121837	18,980
2017	475,776,678 o	N/A	N/A	128593	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to universities by the public authorities, not including EU funds

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students (headcount) enrolled in public higher education institutions in Slovakia. Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total academic and non-academic staff employed in public higher education institutions in Slovakia (headcount, full-time and part-time). Staff numbers are reported per academic year (2008 = academic year 2008/2009)



# SLOVENIA

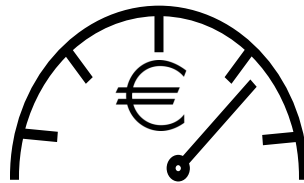
## Public funding to public universities

Slovenia is a declining system, where public funding to universities dropped by 14% since 2008, whereas the student population shrank by almost one fourth. While no funding data is available for the year 2017 at the current stage, a nearly 9% decline in public funding could be observed in 2016.



**-6%**

over 8 years in nominal terms



**'Shrinking system'**

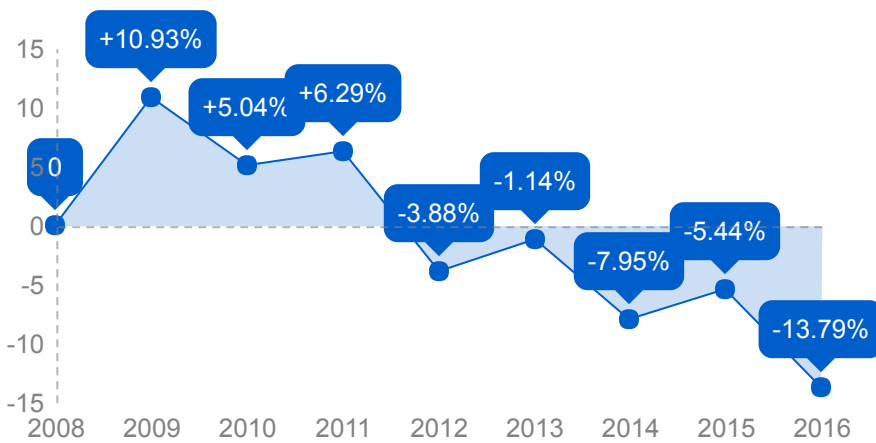
Declining funding and decreasing student numbers



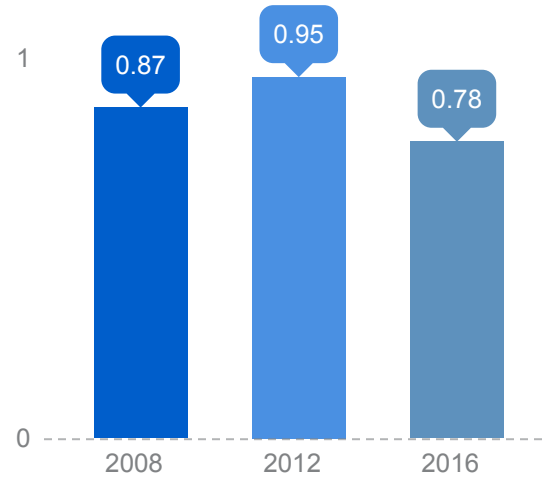
**-14%**

over 8 years in real terms

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+1% academic staff**  
between 2008/09 and 2015/16



**+17% non-academic staff**



**-22% students**  
between 2008/09 and 2015/16  
(-24% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Slovenia Rectors' Conference / Ministry of Education, Science and Sports	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Slovenia Rectors' Conference / Ministry of Education, Science and Sports	Agency of the Republic of Slovenia for Public Legal Records and Related Services / Ministry of Public Administration
2008	330,270,764	0.87%	5.5%	64,950	8,467 c
2009	369,308,605	1.02%	0.8% c	64,791	8,957 c
2010	357,026,151	0.98%	2.1%	62,026	9,204 c
2011	368,878,979	1.00%	2.1%	61,129	9,454 c
2012	342,918,879	0.95%	2.8%	58,757 c	9,088 c
2013	359,383,545	1.00%	1.9%	56,341 c	9,207 c
2014	335,979,461	0.90%	0.4%	53,691	8,876 c
2015	342,374,224	0.89%	-0.8%	50,849	9,051
2016	311,526,144	0.78%	-0.2%	49,413	N/A
2017	N/A	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to universities by the public authorities, not including EU funds

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students enrolled in public universities (headcount). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff employed in public universities in Slovenia (FTE). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



# SPAIN

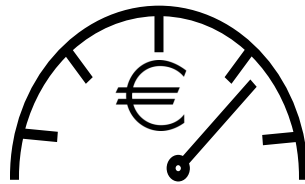
## Public funding to public universities

Spain is a system 'in danger', as public funding dropped by 16% in 2008-2016, whilst student numbers grew by 21%. In 2016 and 2017, Spain increased its funding for universities twice after four years of cuts. However, despite the latest investments, Spain's university funding is still in the red as compared to 2008.



**-19%**

in nominal terms  
(2008-2016)



**Declining system under pressure**

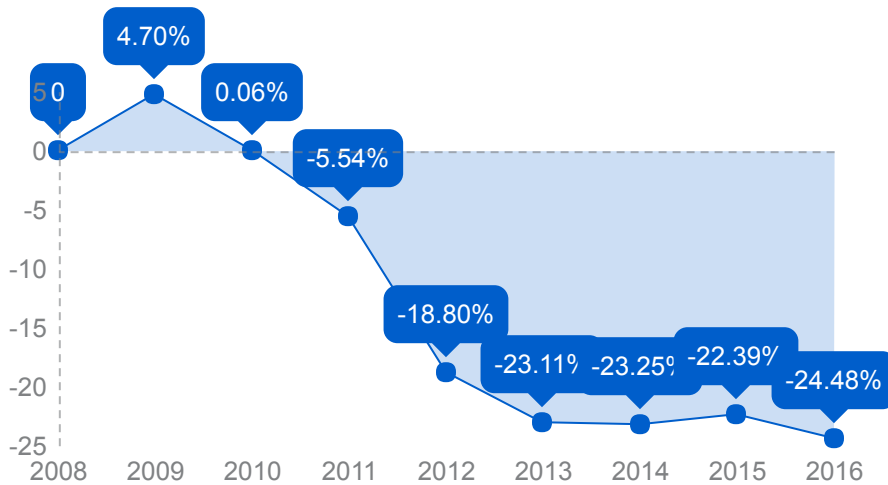
Funding cuts outpacing  
decline in student numbers



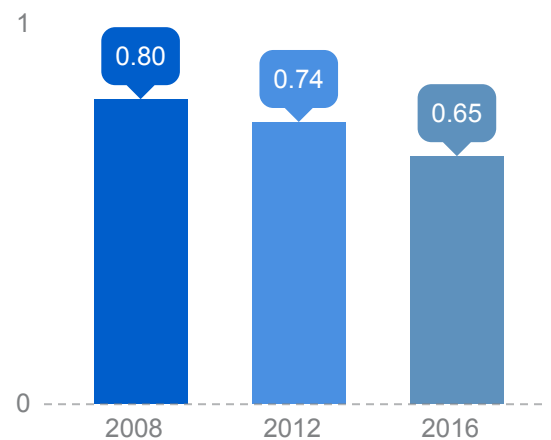
**-24%**

in real terms  
(2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**-7% academic staff**

between 2008/09  
and 2016/17



**-7% non-academic staff**



**-0.6% students**

between 2008/09  
and 2015/16  
(-1.8% from  
2008/09 to  
2017/18)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding as percentage of GDP <sup>2</sup>	Inflation rate <sup>3</sup>	Student numbers <sup>4</sup>	Staff numbers <sup>5</sup>
Sources	Spanish Rectors' Conference	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Spanish Rectors' Conference	Spanish Rectors' Conference
2008	8,879,362,459 c	0.80% c	4.1%	1,299,665	135,679
2009	9,278,175,322 c	0.86% c	-0.2%	N/A	N/A
2010	9,044,147,583 c	0.84% c	2.0%	N/A	139,859
2011	8,794,147,583	0.82%	3% c	N/A	N/A
2012	7,740,979,908	0.74%	2.4%	1,366,200	134,222 c
2013	7,439,903,672	0.73% c	1.5%	1,357,489	131,215 c
2014	7,411,880,543	0.71% c	-0.2%	1,322,358	130,816 c
2015	7,450,120,000 c	0.69% c	-0.6%	1,291,451	129,064 c
2016	7,227,915,544 c	0.65% c	-0.3%	1,273,923	126,482 c
2017	7,596,481,486 f	N/A	N/A	1,276,681	127,114 c

Last update: 06/12/2017

<sup>1</sup> Total public funding in EUR provided to public HEIs by all public authorities in the country with a significant funding role for higher education, including EU funds

<sup>2</sup> Total public funding as defined above as percentage of GDP at market prices (revised as described in PFO report)

<sup>3</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>4</sup> Total number of students enrolled in 1st and 2nd cycle programmes at public universities in Spain. Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>5</sup> Total number of academic and non-academic staff employed at public universities in Spain. Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure





# SWEDEN

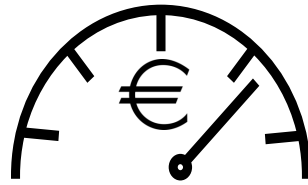
## Public funding to public universities

Sweden is a 'frontrunner' system, where funding increased by more than one fifth whilst student enrolment remained practically unchanged in 2008 to 2016. In the short run, the level of public funding for universities is subject to a less pronounced growth, as new political priorities related to welcoming of refugees arise.



**+33%**

over 8 years in nominal terms (2008-2016)



**Frontrunner system**

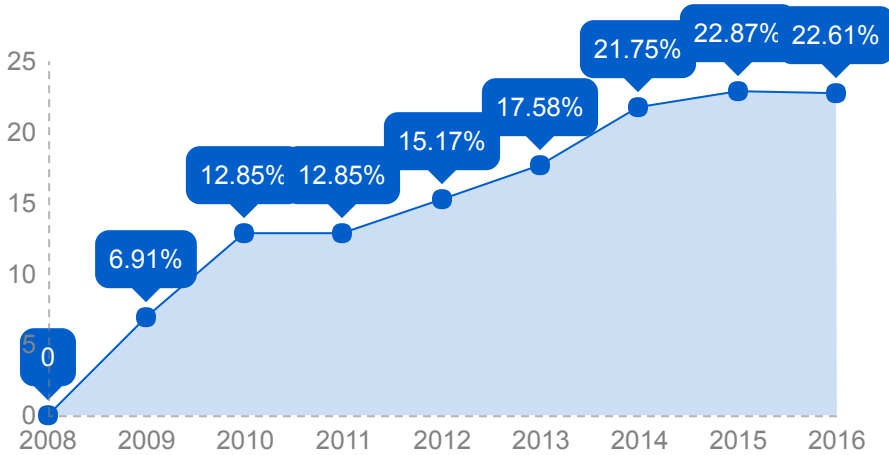
Funding increase outpacing growth in student numbers



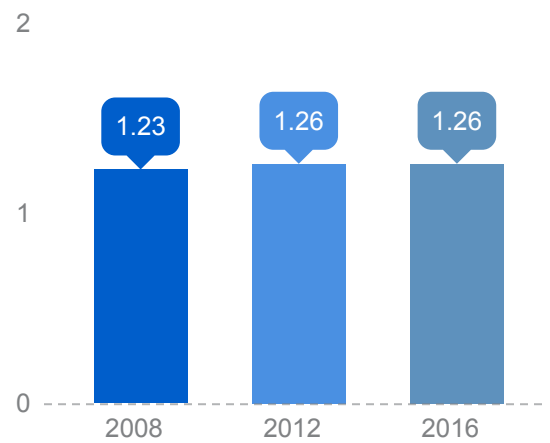
**+23%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+23% academic staff**

between 2008/09 and 2016/17



**+13% non-academic staff**



**+3% students**

between 2008/09 and 2015/16 (+3% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (SEK) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Association of Swedish Higher Education	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Association of Swedish Higher Education	Association of Swedish Higher Education
2008	4,350,585,538 c	42,500,000,000	1.23% c	3.3%	286,400 c	42,668
2009	4,739,579,068 c	46,300,000,000	1.53% c	1.9%	300,123 c	44,665
2010	5,097,862,583 c	49,800,000,000	1.38% c	1.9%	315,753 c	46,565
2011	5,169,519,286 c	50,500,000,000	1.28% c	1.4%	312,778 c	48,402
2012	5,323,069,364 c	52,000,000,000	1.26% c	0.9%	304,482 c	49,011
2013	5,456,146,098 c	53,300,000,000	1.25% c	0.4%	298,533 c	49,963
2014	5,660,879,535 c	55,300,000,000	1.31% c	0.2%	295,440 c	50,576
2015	5,753,009,582 c	56,200,000,000	1.29% c	0.7%	294,441 c	50,375
2016	5,804,192,941 c	56,700,000,000	1.26% c	1.1%	293,902 c	50,536
2017	5,896,322,987	57,600,000,000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education

<sup>2</sup> Total public funding in national currency provided to higher education institutions by all public authorities in the country

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in public higher education institutions in Sweden, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total number of academic and non-academic staff employed in public HEIs in Sweden, counted in full time equivalents (FTE) (excluding PhD students but including PhD students employed by HEIs. The number of PhDs employed in the years included in the tables range from 7500 in 2008 to ca. 10,000 in 2015). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



# Public Funding Observatory 2017 SWITZERLAND

## Public funding to public universities

The funding dataset for Switzerland spans over the period of 2008-2014. Switzerland is a 'frontrunner' system: public funding for Swiss universities increased by more than one third in 2014 compared to 2008, whilst student enrolment grew by 26.5%. However, Switzerland has decreased its GDP share of public funding for universities over the same period.



**+30%**

over 6 years in nominal terms (2008-2014)



**'Frontrunner' system**

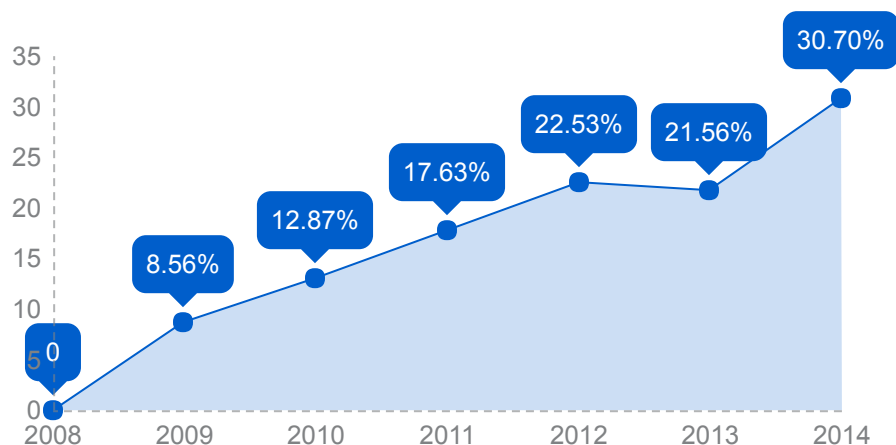
For the period 2008-2014 funding growth exceeds student numbers growth



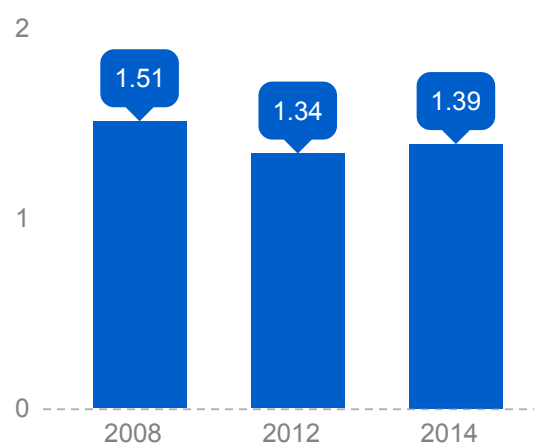
**+31%**

over 6 years in real terms (2008-2014)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+31% academic staff**

between 2008/09 and 2015/16



**+27% non-academic staff**



**+24% students**

between 2008/09 and 2013/14  
(+32% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (CH) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	swissuniversities	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	swissuniversities	swissuniversities
2008	5,688,250,940 c	6,201,900,000 c	1.51% c	2.4%	184,756	44,787
2009	6,131,890,305 c	6,685,600,000 c	1.58% c	-0.7%	196,616	47,741
2010	6,413,922,774 c	6,993,100,000 c	1.46% c	0.6%	206,529	49,820
2011	6,690,910,759 c	7,295,100,000 c	1.33% c	0.1%	213,856	51,627
2012	6,920,847,473 c	7,545,800,000 c	1.34% c	-0.7%	222,656	54,345
2013	6,872,603,870 c	7,493,200,000 c	1.33% c	0.1%	229,455	54,521
2014	7,389,342,383 c	8,056,600,000 c	1.39% c	0.0%	233,616	56,124
2015	N/A	N/A	N/A	-0.8%	238,756	58,254
2016	N/A	N/A	N/A	-0.5%	244,104	N/A
2017	N/A	N/A	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by the Confederation, cantons/concordates and communes

<sup>2</sup> Total public funding in swiss francse provided to higher education institutions by national authorities only, not including EU funds

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students (headcount) enrolled in universities, universities of applied sciences and universities of teacher education in Switzerland. Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total number of academic and non-academic staff employed in public universities in Switzerland (FTE) (expressed as a ratio of actual hours employed and the normal hours of a person employed full-time). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available      c = corrected      f = forecast/estimate      p = provisional      o = officially announced figure



# Public Funding Observatory 2017 TURKEY

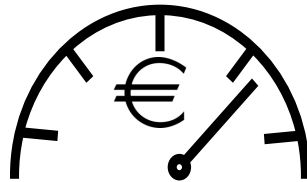
## Public funding to public universities

Turkey is a 'growing system under pressure', considering a major increase in public funding for universities, which is, despite its impressive scale, is still lagging behind a threefold expansion of student numbers in 2008-2016. The additional financial effort in 2017 is forecast to be quite minor after adjustment to a high inflation rate in Turkey.



**+222%**

over 8 years in nominal terms (2008-2016)



**Growing system under pressure**

Student numbers growth outpacing funding increase



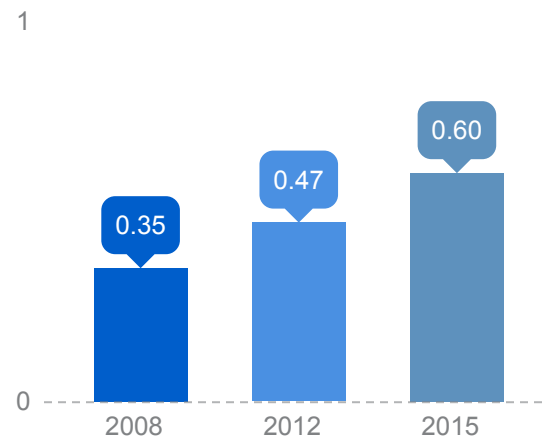
**+77%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+64% academic staff**

between 2008/09 and 2017/18



**+185% students**

between 2008/09 and 2015/16  
(+207% from 2008/09 to 2016/17)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (Turkish lira) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	YOK - Council of Higher Education (CoHE)	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	YOK - Council of Higher Education (CoHE)	YOK - Council of Higher Education (CoHE)
2008	1,841,633,864 c	7,318,284,650	0.35% c	10.4%	2,345,053	96,105
2009	2,207,639,847 c	8,772,719,225	0.48% c	6.3%	2,711,178	97,923
2010	2,354,284,967 c	9,355,457,600	0.41% c	8.6%	3,299,070	102,682
2011	289,494,375 c	11,503,927,500	0.49% c	6.5%	3,571,866	108,462
2012	3,206,905,984 c	12,743,603,000	0.47% c	9.0%	4,069,342	115,798
2013	3,832,039,987 c	15,227,760,500	0.54% c	7.5%	4,629,167	127,441
2014	4,262,673,008 c	16,939,010,000	0.61% c	8.9%	5,074,559	148,465
2015	4,653,795,360 c	18,493,252,000	0.60% c	7.7%	6,689,185	167,320
2016	5,936,558,458 c	23,590,696,000	N/A	N/A	7,198,987	178,978
2017	6,447,342,594 o	25,620,450,000 o	N/A	N/A	N/A	157,442

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education

<sup>2</sup> Total public funding in national currency provided to higher education institutions by all public authorities in the country

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in public higher education institutions in Turkey (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total academic staff employed in public higher education institutions in Turkey. Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

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# Public Funding Observatory 2017 UK - ENGLAND

## Public funding to public universities

The Public Funding Observatory includes for the first time data for the 4 higher education systems of the UK. Figures for UK-en cover the 133 HEIs receiving direct public funding from the Higher Education Funding Council for England. This excludes public funding provided on a competitive basis (2015-16: close to £3bn) and funding received from tuition fee loans provided for English and EU students studying in England (2015-16: £7.3bn in fee loans).



**-52%**

over 8 years in nominal terms (2008-2016)



**'Special case' system**

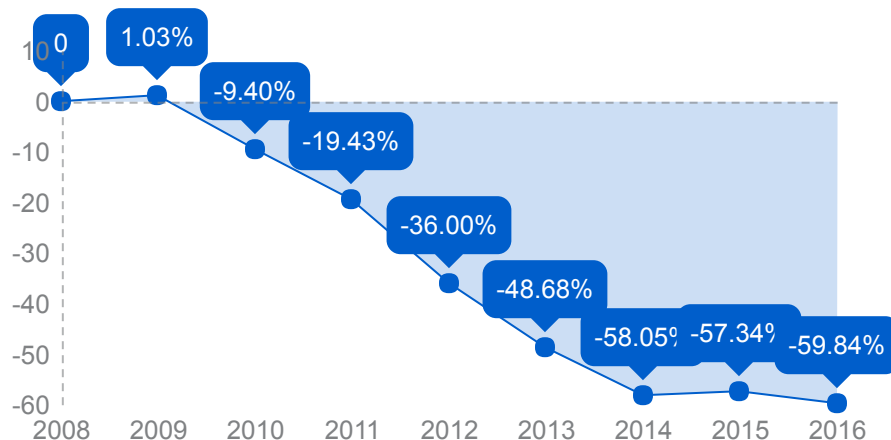
Direct public funding does not include publicly subsidised student loans.



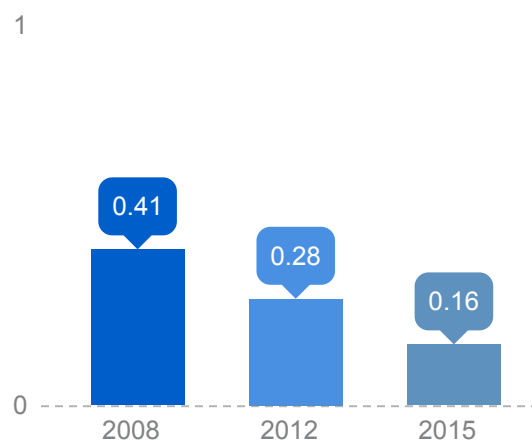
**-60%**

over 8 years in real terms (2008-2016)

### Funding volumes (2008 basis)



### Share of GDP



## University demographics



**+16% academic staff**

between 2008/09 and 2015/16



**+6% non-academic staff**

between 2008/09 and 2015/16



**+6% students**

between 2008/09 and 2015/16

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (GBP) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Universities UK	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Universities UK	Universities UK
2008	8,036,362,379	6,975,000,000	0.41%	3.6%	1,468,810	256,777
2009	8,297,558,559	7,201,700,000	0.49%	2.2%	1,552,565	257,345
2010	7,686,564,585	6,671,400,000	0.42%	3.3%	1,564,220	256,286
2011	7,143,548,443	6,200,100,000	0.38%	4.5%	1,599,720	256,367
2012	5,833,074,096	5,062,700,000	0.28%	2.8%	1,542,720	260,906
2013	4,799,350,178	4,165,500,000	0.23%	2.6%	1,530,275	270,062
2014	3,982,118,374	3,456,200,000	0.18%	1.5%	1,520,590	278,672
2015	4,048,828,823	3,514,100,000	0.16%	0.0%	1,550,905	284,987
2016	3,838,443,192	3,331,500,000	N/A	0.7%	N/A	N/A
2017	3,755,026,327 o	3,259,100,000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education

<sup>2</sup> Public funding from the Higher Education Funding Council for England. This excludes public funding provided on a competitive basis and funding received from tuition fee loans provided for English and EU students studying in England

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in public universities in England, as recorded in administrative returns to HESA, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total academic and non-academic staff employed by Universities in England (FTE). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure





# Public Funding Observatory 2017

## UK - Northern Ireland

### Public funding to public universities

The dataset for Northern Ireland spans over the period 2010-2014. This covers the 5 HEIs, including the open university, that receive direct public funding from the Department for Employment and Learning in Northern Ireland. Figures exclude funding received from tuition fee loans provided for Northern Irish and EU students studying in Northern Ireland (2015-16: £189m).



**-13%**

over 4 years in nominal terms (2010-2014)



**System in 'danger'**

Funding cuts and growing student numbers



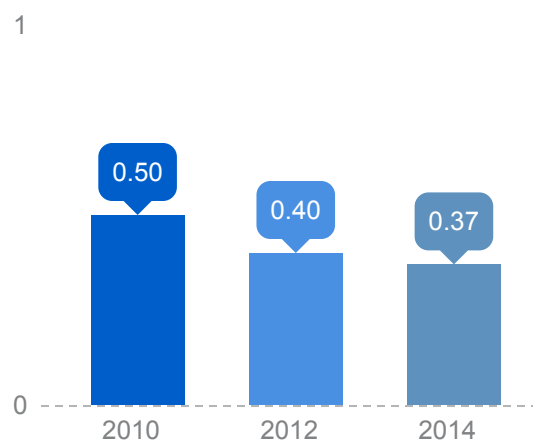
**-22%**

over 4 years in real terms (2010-2014)

### Funding volumes (2010 basis)



### Share of GDP



### University demographics



**-8% academic staff**

between 2008/09 and 2015/16



**-15% non-academic staff**

between 2008/09 and 2015/16



**+6% students**

between 2010/11 and 2013/14  
(+7% from 2008/09 to 2015/16)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (GBP) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Universities UK	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Universities UK	Universities UK
2008	N/A	N/A	N/A	3.6%	39,760	6,963
2009	N/A	N/A	N/A	2.2%	40,905	6,989
2010	232,852,880	202,100,000	0.50%	3.3%	40,350	6,790
2011	215,570,380	187,100,000	0.46%	4.5%	41,630	6,396
2012	203,126,980	176,300,000	0.40%	2.8%	41,665	6,322
2013	211,653,013	183,700,000	0.42%	2.6%	42,735	6,348
2014	202,550,897	175,800,000	0.37%	1.5%	43,150	6,397
2015	N/A	N/A	N/A	0.0%	42,620	6,129
2016	N/A	N/A	N/A	0.7%	N/A	N/A
2017	N/A	N/A	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education

<sup>2</sup> Public funding provided to the 5 HEIs, including the open university, from the Department for Employment and Learning in Northern Ireland. This excludes funding received from tuition fee loans provided for Northern Irish and EU students studying in Northern Ireland

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in public universities in Northern Ireland, counted in full time equivalents (FTE) . Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total academic and non-academic staff employed by Universities in Northern Ireland (FTE). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



# Public Funding Observatory 2017 UK - SCOTLAND

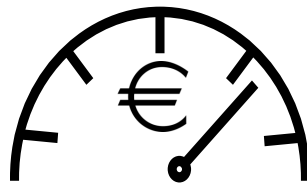
## Public funding to public universities

Figures cover the 19 Scottish HEIs that are funded through the Scottish government. Competitive funding is not included. Figures represent all funding from the Scottish Funding Council and the Student Awards Agency (SAAS) for Scotland Fee element of funding. The SAAS funding is assumed to be £240m per annum in each year as the fee has been frozen since 2010.



**-1%**

over 6 years in nominal terms (2010-2016)



**System in 'danger'**

Funding cuts and growing student numbers



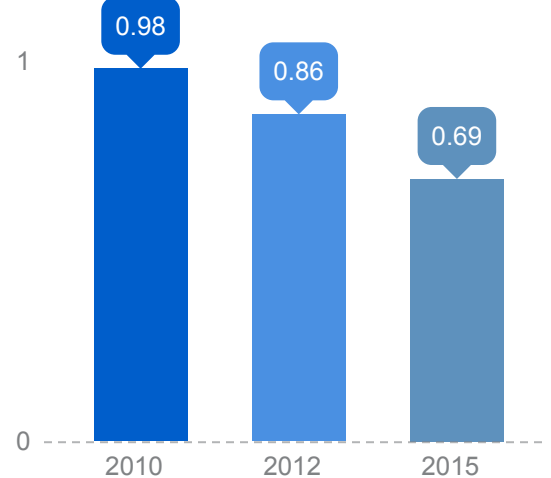
**-12%**

over 6 years in real terms (2010-2016)

### Funding volumes (2010 basis)



### Share of GDP



## University demographics



**+11% academic staff**

between 2008/09 and 2015/16



**+4% non-academic staff**

between 2008/09 and 2015/16



**+5% students**

between 2010/11 and 2015/16  
(+10% from 2008/09 to 2015/16)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (GBP) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Universities UK	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Universities UK	Universities UK
2008	N/A	N/A	N/A	3.6%	174,850	35,864
2009	N/A	N/A	N/A	2.2%	180,795	35,400
2010	1,586,533,476	1,377,000,000	0.98%	3.3%	183,660	34,423
2011	1,505,881,811	1,307,000,000	0.91%	4.5%	182,675	33,810
2012	1,543,903,310	1,340,000,000	0.86%	2.8%	182,940	35,279
2013	1,584,229,143	1,375,000,000	0.88%	2.6%	184,360	37,007
2014	1,613,033,309	1,400,000,000	0.81%	1.5%	187,605	38,232
2015	1,575,011,810	1,367,000,000	0.69%	0.0%	192,850	38,398
2016	1,564,642,310	1,358,000,000	N/A	0.7%	N/A	N/A
2017	1,572,707,476 o	1,365,000,000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education

<sup>2</sup> Public funding provided to the 19 Scottish HEIs from the Scottish government. Competitive funding is not included. Figures represent all funding from the Scottish Funding Council and the Student Awards Agency (SAAS) for Scotland Fee element of funding

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in public universities in Scotland, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total academic and non-academic staff employed by Universities in Scotland (FTE). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



# Public Funding Observatory 2017 UK - WALES

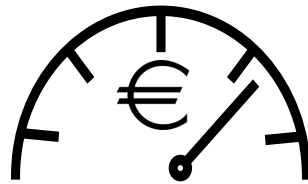
## Public funding to public universities

The dataset for Wales spans over 2009-2016. Figures represent direct public funding allocated by the Higher Education Funding Council for Wales to the 9 Welsh HEIs for teaching and research. They exclude funding received from tuition fee loans and grants provided for Welsh students studying in Wales (and elsewhere in the UK) and EU students studying in Wales (2015-16: £254.7m of fee grants and £200m in fee loans).



**-68%**

over 7 years in nominal terms (2009-2016)



**'Special case' system**

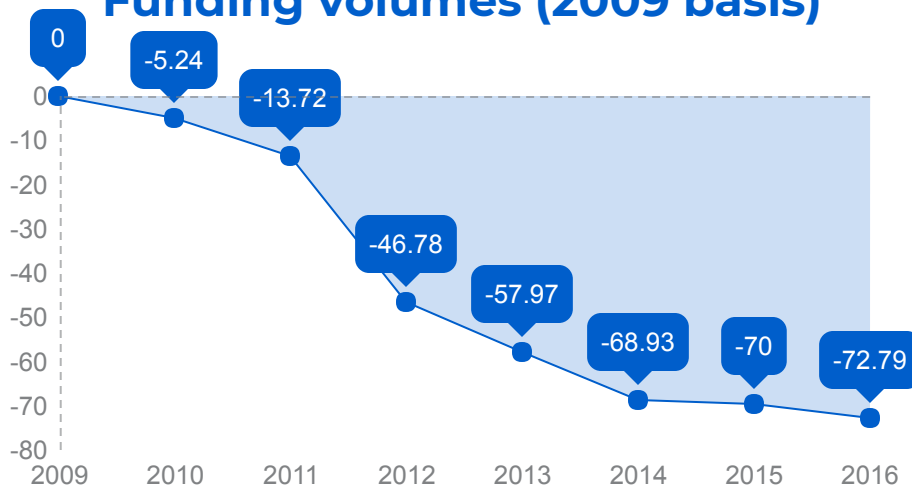
Direct public funding does not include publicly subsidised student loans.



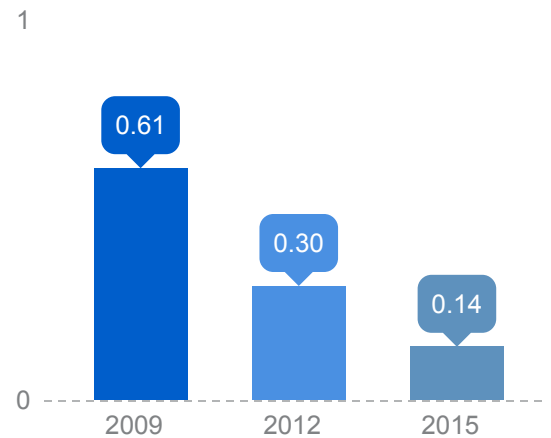
**-73%**

over 7 years in real terms (2009-2016)

### Funding volumes (2009 basis)



### Share of GDP



## University demographics



**+8% academic staff**

between 2008/09 and 2015/16



**+5% total staff**

between 2008/09 and 2015/16



**-3% students**

between 2009/10 and 2015/16

(+4% from 2008/09 to 2015/16)

Item	Total public funding (EUR) <sup>1</sup>	Total public funding (in national currency) (GBP) <sup>2</sup>	Total public funding as percentage of GDP <sup>3</sup>	Inflation rate <sup>4</sup>	Student numbers <sup>5</sup>	Staff numbers <sup>6</sup>
Sources	<a href="#">European Commission official exchange rate June 2017</a>	Universities UK	<a href="#">Eurostat (for GDP at market prices)</a>	<a href="#">Eurostat</a>	Universities UK	Universities UK
2008	N/A	N/A	N/A	3.6%	96,960	16,181
2009	413,028,700	358,480,000	0.61%	2.2%	103,700	16,147
2010	404,283,756	350,890,000	0.57%	3.3%	103,820	16,191
2011	384,685,401	333,880,000	0.52%	4.5%	105,870	16,372
2012	243,913,680	211,700,000	0.30%	2.8%	105,220	16,463
2013	197,631,145	171,530,000	0.24%	2.6%	106,205	16,844
2014	148,283,848	128,700,000	0.17%	1.5%	103,380	17,199
2015	143,191,271	124,280,000	0.14%	0.0%	100,495	16,977
2016	130,805,480	113,530,000	N/A	0.7%	N/A	N/A
2017	101,690,228 o	88,260,000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2017

<sup>1</sup> Total public funding in EUR provided to higher education institutions by all public authorities in the country with a significant funding role for higher education

<sup>2</sup> Public funding allocated by the Higher Education Funding Council for Wales to the 9 Welsh HEIs for teaching and research. They exclude funding received from tuition fee loans and grants provided for Welsh students studying in Wales (and elsewhere in the UK) and EU students studying in Wales

<sup>3</sup> Total public funding as defined above as percentage of GDP at market prices

<sup>4</sup> Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation

<sup>5</sup> Total number of students enrolled in public universities in Wales, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

<sup>6</sup> Total academic and non-academic staff employed by Universities in Wales (FTE). Staff numbers are reported per academic year (2008 = academic year 2008/2009)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



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The Association provides a unique expertise in higher education and research as well as a forum for exchange of ideas and good practice among universities. The results of EUA's work are made available to members and stakeholders through conferences, seminars, website and publications.

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