

COUNTRY SHEETS

Public Funding Observatory

March 2019

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Public Funding Observatory 2018

AUSTRIA

Public funding to public universities

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. In 2016/17, the combination of inflation and a minor increase in student numbers puts temporarily the system among those under pressure despite a public investment effort in line with GDP growth. The latest data available show student numbers going down, while the 2019-2021 budget negotiations concluded positively for Austrian universities with higher investment secured for the next period. Austria therefore is set to return to its position of "frontrunner". The increased budget is set to support objectives related to the number of active students.



+44%

over 9 years in nominal terms (2008-2017)



Growing system under pressure

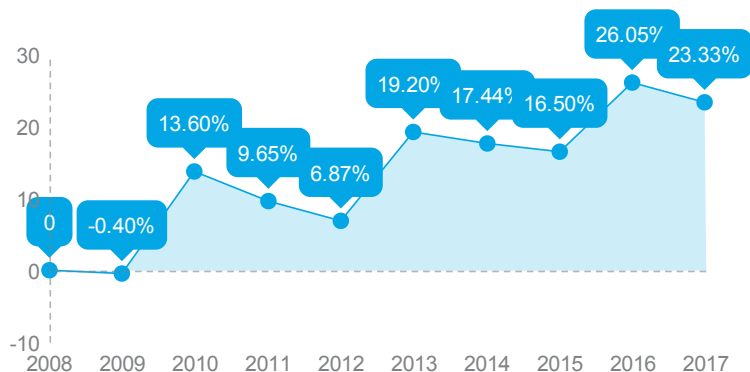
Student numbers growth temporarily outpacing funding increase



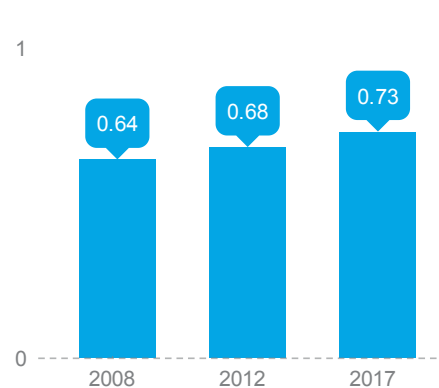
+23%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+4% academic staff

between 2010/11 and 2016/17
(+6% and +8% from 2010/11 to 2017/2018)



+7% non-academic staff



+26% students

between 2008/09 and 2016/17
(+24% from 2008/09 to 2017/18)

AUSTRIA

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Universities Austria	Eurostat (for GDP at market prices)	Eurostat	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	0,73%	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	0,76%	2,1%	273.280	34.569
2014	2.470.000.000	0,74%	1,5%	277.678	35.090
2015	2.470.000.000	0,72%	0,8%	280.550	35.621
2016	2.699.000.000	0,76%	1,0%	280.783	35.733
2017	2,699,000,000	0,73%	2,2%	278.052	36.305
2018	2,699,000,000 o	N/A	N/A	N/A	N/A

Last update: 11/01/2018

¹ Total public funding in EUR provided to higher education institutions by national authorities only, not including EU funds. The indicated figures exclude university hospitals and clinical additional expenditure and expenditure for construction and maintenance as well as funding of Donauuniversität Krems (University for continuing education Krems).

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

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

⁴ 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)

⁵ 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)

*Data not used because of change of methodology in the data collection in Austria. Data is taken into account from 2010/2011 onwards.

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



Public Funding Observatory 2018

BE-Flanders

Public funding to universities

The level of public investment in universities is stable in Flanders since 2014. Student numbers increased at a faster pace than funding over the period due to the incorporation of academic programmes previously offered by university colleges. The funding increase registered in 2014 did not compensate for larger student cohorts. Recent data shows a stabilising student population. The pressure nevertheless remains high and further investment is required in staff and infrastructure to accommodate students.



+41%
over 9 years in
nominal terms
(2008-2017)



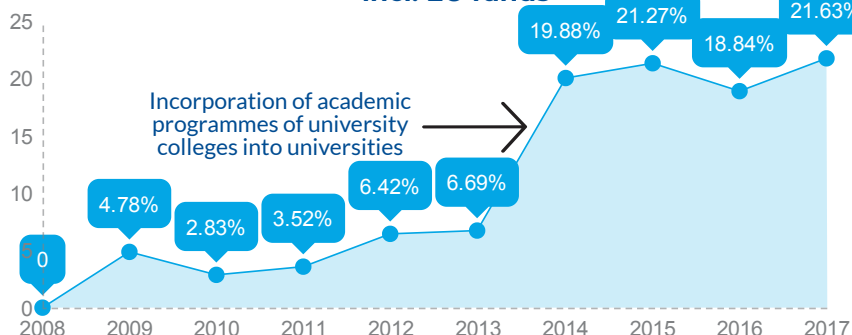
Growing system under pressure
Student numbers growth
outpacing funding increase



+22%
over 9 years in real
terms
(2008-2017)

Funding volumes (2008 basis)

incl. EU funds



University demographics (over 8 years)



+36% academic staff
between 2008/09
and 2017/18



+24% non-academic staff



+52% students
between 2008/09
and 2016/17
(+52% from 2008/09
to 2017/18)

BELGIUM - Flanders

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Flemish Interuniversity Council	Eurostat (for GDP at market prices)	Eurostat	Flemish Interuniversity Council	Flemish Interuniversity Council
2008	1.190.218.607 c	N/A	4,5%	95.684 c	19.326
2009	1.247.052.870 c	N/A	0,0%	102.366 c	19.771
2010	1.252.044.500 c	N/A	2,3%	107.488 c	20.787
2011	1.303.362.189 c	N/A	3,4%	112.030 c	21.111
2012	1.374.623.095 c	N/A	2,6%	115.514 c	21.444
2013	1.394.656.455 c	N/A	1,2%	145.329 c	22.117
2014	1.574.912.095 c	N/A	0,5%	146.825 c	24.681
2015	1.602.763.369 c	N/A	0,6%	145.681 c	25.003
2016	1.598.850.897 c	N/A	1,8%	145.891 c	25.120
2017	1.672.427.124 c	N/A	2,2%	145.759	25.442
2018	N/A	N/A	N/A	N/A	N/A

Last update: 28/11/2018

¹ Total public funding in EUR provided to the five universities by the Flemish regional government, the EU and the Belgian federal government. The figures no longer include the strategic research centers and the university colleges (PFO 2017).

² Total public funding as defined above as percentage of GDP at market prices

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

⁴ Total number of students (headcount) enrolled in universities in Flanders (including students enrolled in non-publicly funded programmes). The figures no longer include students enrolled in other types of HEIs (PFO 2017), Student numbers are reported per academic year (2008 = academic year 2008/2009)

⁵ Total number of academic and non-academic staff employed in 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 2018 BE-French-speaking community

Public funding to 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. The funding increase adjusted for inflation is also slower than in the past (+1.53%) while weaker economic growth is forecast. Investment in staff remains too low to adequately cater for the larger student cohorts.



+36%
in nominal terms
(2008-2016)
(+41% for 2008/2017)



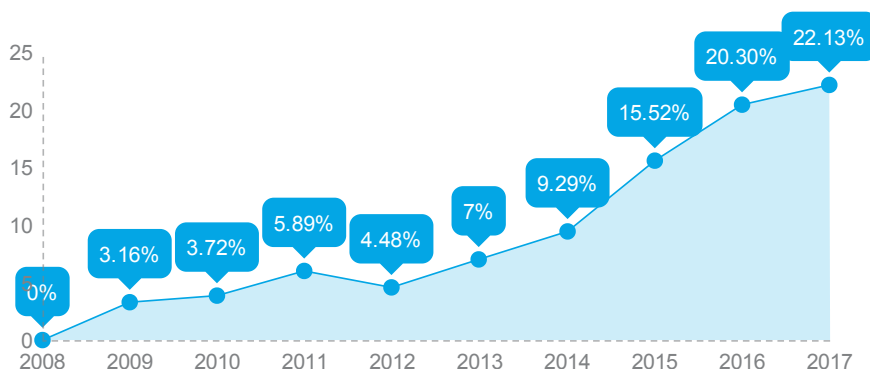
Growing system under pressure

Student numbers growth
outpacing funding increase



+20%
in real terms
(2008-2016)
(+22% for 2008/2017)

Funding volumes (2008 basis)



University demographics



+16% academic staff



-1% non-academic staff



+30% students

between 2008/09 and 2015/16
(+15% and -2% for 2008/09 to 2017/18)

between 2008/09
and 2015/16

BELGIUM - French-speaking Community

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Rectors' Conference, French Community of Belgium	Eurostat (for GDP at market prices)	Eurostat	Rectors' Conference, French Community of Belgium	Rectors' Conference, French Community of Belgium
2008	501.268.000	N/A	4,5%	73.601	13.629
2009	517.102.000	N/A	0,0%	77.346	13.994
2010	531.896.000	N/A	2,3%	84.550	14.336
2011	561.481.000	N/A	3,4%	86.381	14.699
2012	568.414.000	N/A	2,6%	87.711	14.817
2013	589.082.000	N/A	1,2%	89.459	14.991
2014	604.725.000	N/A	0,5%	91.887	14.903
2015	643.004.000	N/A	0,6%	95.630	13.785
2016	681.647.000	N/A	1,8%	N/A	13.448
2017	707.284.000 c	N/A	2,2%	N/A	13.716
2018	714.486.000 o	N/A	N/A	N/A	N/A

Last update: 28/11/2018

¹ Total public funding in EUR provided to universities by the French-speaking Community government, not including EU funds. These figures only cover institutional funding ("allocations de fonctionnement") provided by the French-speaking Community to universities.

² Total public funding as defined above as percentage of GDP at market prices

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

⁴ 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)

⁵ 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

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p = provisional

o = officially announced figure



Public Funding Observatory 2018 CROATIA

Public funding to public universities

Croatia's funding effort reached for the first time the pre-crisis level after years of expansion of the student body and a difficult economic situation. Renewed investment in 2016, 2017 and 2018 shows consistent efforts to close the created gap. Sustained economic growth forecast for the next year can support greater investment in the sector to adjust to the larger student population.



+14%
over 9 years
in nominal terms
(2008-2017)



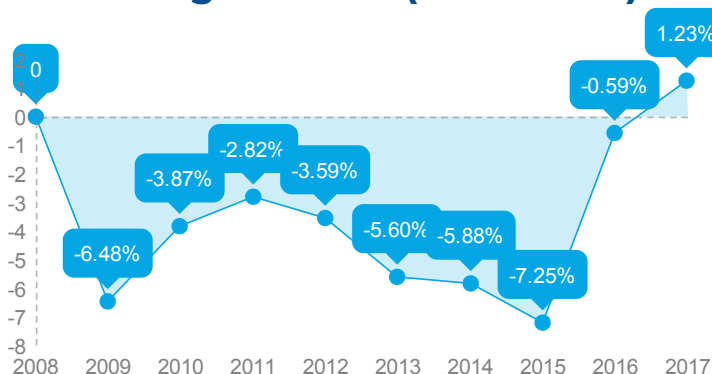
Growing system under pressure

Student numbers growth
outpacing funding increase

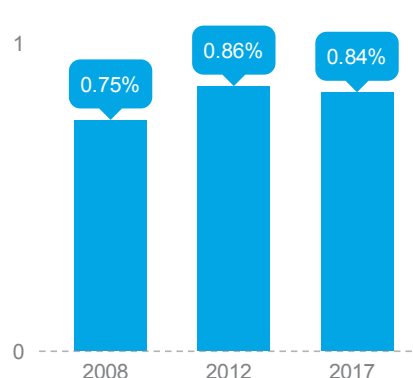


+1.23%
over 9 years
in real terms
(2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+24% academic staff



+24% non-academic staff

between 2008/09 and 2016/17
(+28% and +20% from 2008/09 to 2018/19)



+18% students

between 2008/09 and 2016/17
(+19% from 2008/09 to 2018/19)

CROATIA

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (HRK) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Ministry of Science, Higher Education and Sports of Croatia	Eurostat (for GDP at market prices)	Eurostat	Ministry of Science, Higher Education and Sports of Croatia	Ministry of Science, Higher Education and Sports of Croatia
2008	360.976.052 c	2.667.376.427	0,75%	5,8%	138.859	12.058
2009	344.996.516 c	2.549.298.130	0,76%	2,2%	149.636	12.658
2010	358.549.980 c	2.649.449.349	0,79%	1,1%	153.960	12.866
2011	370.414.228 c	2.737.118.364	0,83%	2,2%	157.289	13.185
2012	380.005.336 c	2.807.990.364	0,86%	3,4%	165.214	13.243
2013	380.617.303 c	2.812.512.398	0,87%	2,3%	166.054	13.353
2014	380.237.868 c	2.809.708.620	0,88%	0,2%	162.022	13.348
2015	373.612.660 c	2.760.752.681	0,84%	-0,3%	177.919	14.861
2016	398.004.247 c	2.940.990.521	0,85% c	-0,6%	164.427	14.966
2017	410.563.905 c	3.033.798.160	0,84%	1,3%	167.452	14.942
2018	433.987.887	3.206.886.032 o	N/A	N/A	164.989	15.148

Last update: 28/11/2018

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

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

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

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

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

⁶ 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 2018 CZECH REPUBLIC

Public funding to public universities

Funding to Czech universities has been decreasing faster than the student population. After three consecutive years of cuts, 2017 showed a real-term increase of 3,65%, and prospects for 2018 were positive with an announced 13,8% increase (nominal terms). The country will need to upscale the effort to reach pre-crisis levels, in the context of positive GDP growth. The lack of investment in infrastructures remains problematic.



-10%

over 9 years in nominal terms (2008-2017)



Declining system under pressure

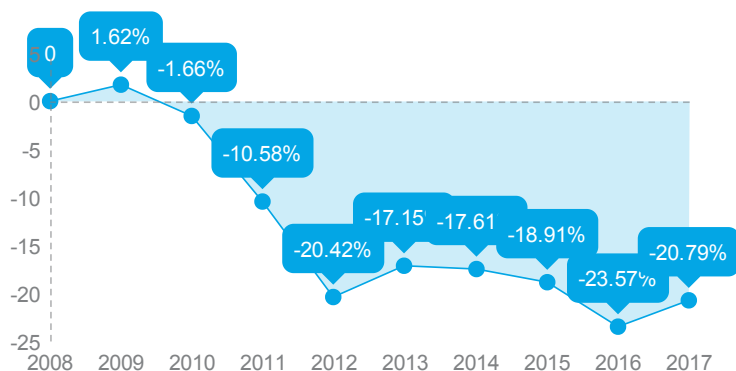
Funding cuts outpacing decline in student numbers



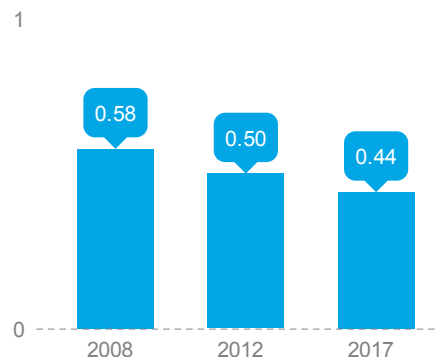
-21%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



-8% academic staff

between 2008/09 and 2016/17



-4% non-academic staff



-12% students

between 2008/09 and 2016/17 (-15% from 2008/09 to 2017/18)

CZECH REPUBLIC

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (CZK) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Czech Rectors Conference	Eurostat (for GDP at market prices)	Eurostat	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	932.985.904	24.101.935.000	0,58% c	6,3%	319.148	32.903
2009	953.824.076	24.640.250.000	0,64% c	0,6%	333.148	33.277
2010	934.078.803	24.130.168.000	0,60% c	1,2%	339.361	32.799
2011	868.030.640	22.423.938.000	0,53% c	2,2%	339.054	31.684
2012	799.508.675	20.653.802.000	0,50% c	3,5%	333.501	29.265
2013	844.025.175	21.803.802.000	0,54% c	1,4%	324.594	29.056
2014	842.747.745	21.770.802.000	0,54% c	0,4%	305.614	29.438
2015	831.945.017	21.491.733.845	0,49% c	0,3%	292.578	29.854
2016	788.796.650	20.377.076.980	0,45% c	0,6%	280.340	30.940
2017	837.184.150	21.627.076.980	0,44% c	2,4%	269.689	N/A
2018	952.718.016	24.611.676.980 o	N/A	N/A	N/A	N/A

Last update: 28/11/2018

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

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

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

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

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

⁶ 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 2018 DENMARK

Public funding to public universities

Although public funding increased at a faster pace than economic growth over the period, it has not been sufficient to alleviate the high demographic pressure on the sector. Student numbers increased again in 2017 (+4.25%) after a brief period of stabilisation. Universities also face an annual 2% cut on educational funding. Overall, research, teaching as well as staff are negatively impacted. Investment slowed down significantly over the past three years.



+36%

over 9 years in nominal terms (2008-2017)



Growing system under pressure

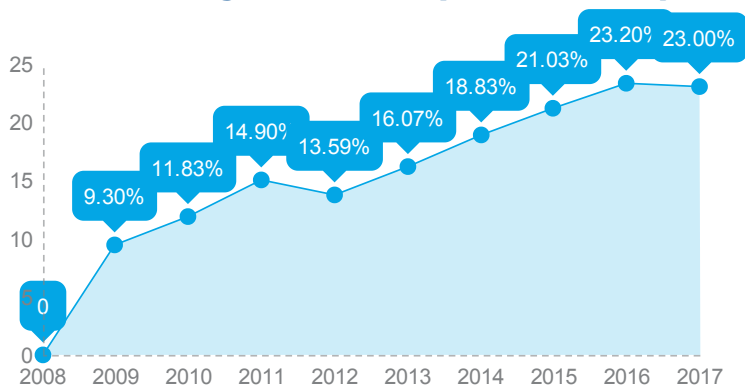
Student numbers growth outpacing funding increase



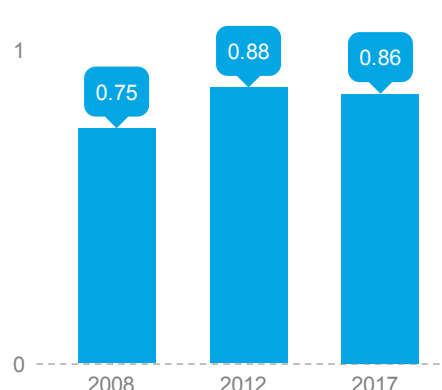
+23%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+36% academic staff

between 2008/09 and 2016/17
(+34% and +15% from 2008/09 to 2017/18)



+15% non-academic staff



+50% students

between 2008/09 and 2016/17
(+57% from 2008/09 to 2017/18)

DENMARK

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (DKK) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Universities Denmark	Eurostat (for GDP at market prices)	Eurostat	Universities Denmark	Universities Denmark
2008	1.816.589.826 c	13.521.323.599 c	0,75% c	3,6%	74.445	26.596
2009	2.005.384.798 c	14.926.570.884 c	0,87% c	1,0%	76.734	28.039
2010	2.096.972.083 c	15.608.277.506 c	0,86% c	2,2%	80.128	29.579
2011	2.212.751.125 c	16.470.049.310 c	0,89% c	2,7%	85.408	30.405
2012	2.239.907.352 c	16.672.179.773 c	0,88% c	2,4%	92.002	31.721
2013	2.300.344.879 c	17.122.031.105 c	0,89% c	0,5%	98.693	33.450
2014	2.364.452.295 c	17.599.198.327 c	0,89% c	0,4%	108.502	33.997
2015	2.412.923.381 c	17.959.980.509 c	0,89% c	0,2%	110.494	33.874
2016	2.456.256.325 c	18.282.518.235 c	0,89% c	0,0%	111.926	33.470
2017	2.479.168.974	18.453.062.705	0,86%	1,1%	116.679	33.213
2018	N/A	N/A	N/A	N/A	N/A	N/A

Last update: 28/11/2018

¹ Total public funding in EUR provided to public universities by all public authorities in the country with a significant funding role for higher education. The figures do not include EU funding (1 bio. DKK) or grants from Danish research councils or ministries through open competition (around 3.5 bio. DKK).

² 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

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

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

⁵ 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)

⁶ 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 2018 ESTONIA

Public funding to higher education institutions

Estonian universities continue operating with considerably less resources (about -30%) 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 shrinking student population. GDP growth has been sustained since 2011 and offers space for reinvestment.



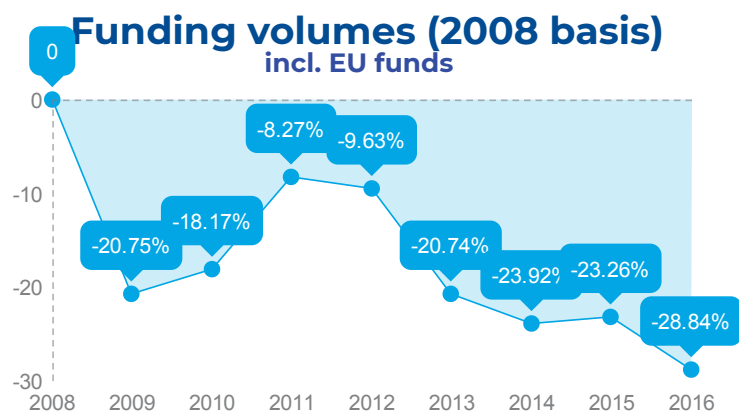
-16%
in nominal terms
(2008-2016)



Declining system under pressure
Funding cuts outpacing
decline in student numbers



-29%
in real terms
(2008-2016)

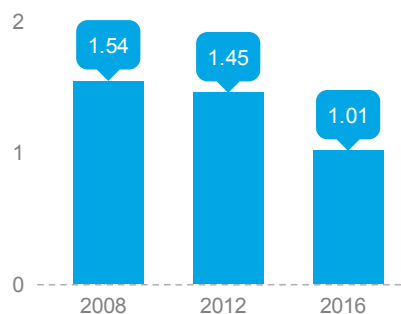


Demographics



-25% students
between 2008/09
and 2015/16
(-32% from 2008/09
to 2017/18)

Share of GDP



ESTONIA

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers
Sources	Haridusilm (Statistical Database of the Estonian Ministry of Education and Research)	Eurostat (for GDP at market prices)	Eurostat	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	1,51%	5,1%	65.389	N/A
2012	259.200.000	1,45%	4,2%	62.483	N/A
2013	234.600.000	1,24%	3,2%	57.791	N/A
2014	226.300.000	1,14% c	0,5%	53.254	N/A
2015	228.500.000	1,12% c	0,1%	49.590	N/A
2016	213.600.000	1,01%	0,8%	46.621	N/A
2017	N/A	N/A	3,7%	45.176	N/A
2018	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: 28/11/2018

¹ General government expenditure for tertiary education, including EU structural funds

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

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

⁴ 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

f = forecast/estimate

p = provisional

o = officially announced figure



Public Funding Observatory 2018

FINLAND

Public funding to public universities

The funding dataset for Finland spans over the period 2010-2016. Cuts on core funding of universities as well as on public research funding introduced by the government in the last years have forced institutions to reduce expenses and cut down costs by adjusting all operations. Universities are now recovering from austerity measures, while recent data shows that the student population is slowly growing again. The funding model is under reform.



+6%
over 6 years in
nominal terms
(2010-2016)



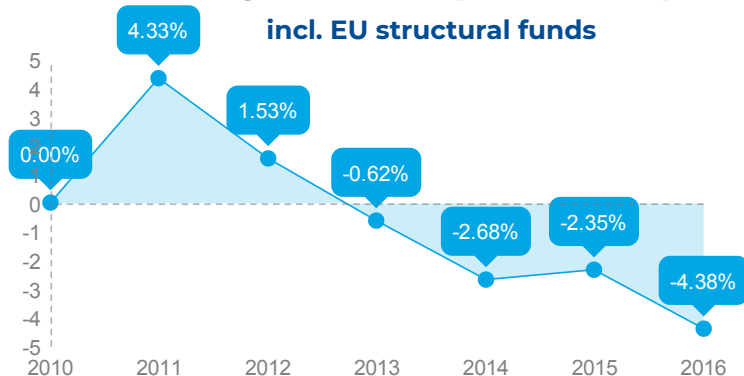
Declining system under pressure

Funding cuts outpacing
decline in student numbers

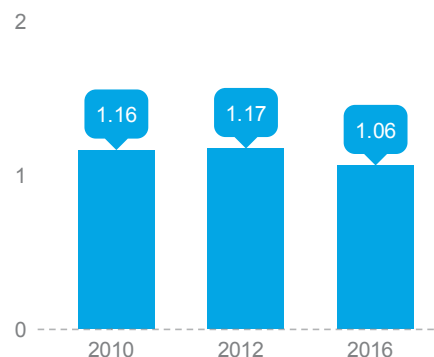


-4%
over 6 years in real
terms
(2010-2016)

Funding volumes (2010 basis)



Share of GDP



University demographics



-% academic staff

between 2010/11 and 2015/16
(-7% and -14% from 2010/11 to 2017/18)



-7% non-academic staff



-0,28% students

between 2010/11 and 2015/16
(+2,23% from 2008/09 to 2017/18)

FINLAND

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Statistics Finland and Ministry of Education and Culture	Eurostat (for GDP at market prices)	Eurostat	Vipunen (Ministry of Education and Culture and Finnish Board of National Education)	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	31.528 c
2011	2.330.000.000	1,18%	3,3%	113.918	31.504 c
2012	2.340.000.000	1,17%	3,2%	114.378	31.737
2013	2.341.000.000	1,15%	2,2%	113.624	31.481
2014	2.320.000.000	1,13%	1,2%	112.583	30.752
2015	2.323.000.000	1,11%	-0,2%	113.871 c	29.957
2016	2.284.000.000	1,06%	0,4%	114.138 c	28.728 c
2017	N/A	N/A	0,8%	114.270	28.402
2018	N/A	N/A	N/A	N/A	N/A

Last update: 28/11/2018

¹ 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.

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

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

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

⁵ 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

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



Public Funding Observatory 2018

FRANCE

Public funding to public universities

France maintains a comparatively stable level of funding to universities, although increasing GDP levels suggest that there is scope for further investment, in particular considering the demographic pressure that universities faced over the 9-year period. In the short term however funding and student population growth are following similarly stable trends. Improved funding for teaching activities was announced in 2018.



+16%

over 9 years in nominal terms (2008-2017)



Growing system under pressure

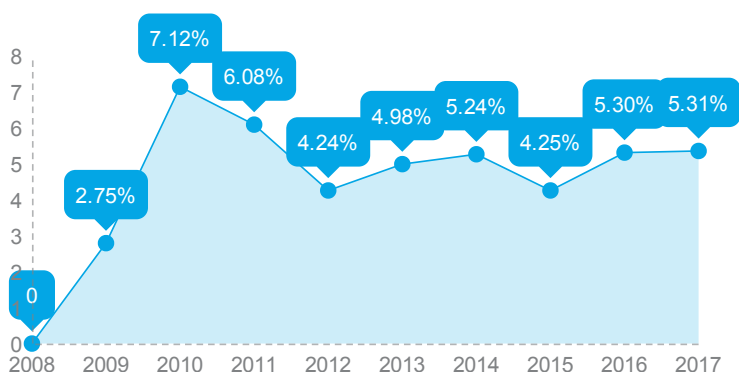
Student numbers growth outpacing funding increase



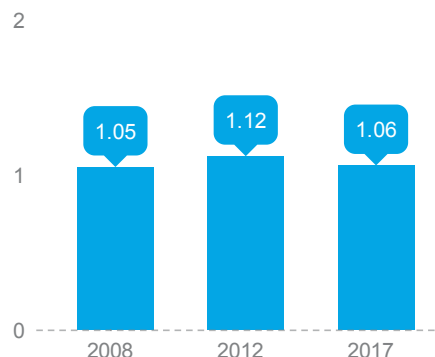
+5%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+2% academic staff

between 2008/09 and 2016/17
(+4% and +8% from 2008/09 to 2017/18)



+6% non-academic staff



+14% students

between 2008/09 and 2016/17
(+17,55% from 2008/09 to 2018/19)

FRANCE

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
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	1,12% c	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%	1%	1.986.000	140.084
2014	23.900.000.000	1.11%	0,6%	2.039.000	142.434
2015	23.700.000.000	1.08%	0,1%	2.101.000	142.377
2016	24.010.000.000	1,08%	0,3%	2.131.000 c	142.800 c
2017	24.300.000.000	1,06%	1,2%	2.159.000 c	145.100
2018	N/A	N/A	N/A	2.190.000 p	N/A

Last update: 10/12/2018

¹ 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.

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

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

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

⁵ Total number of academic and non-academic staff (headcount) employed in public HEIs in France, coming under the Ministry of Higher Education and Research (HEI staff that come under other ministries are excluded). 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 2018

GERMANY

Public funding to public universities

Germany's pace of investment appears sustainable, despite a lower funding increase in 2017 compared to previous years. Overall, the investment level remains above GDP growth, but has to be considered in the context of a student population quickly expanding until now. This results in broadly stagnating basic funding to universities. The sustained economic growth forecast can support greater investment in the sector.



+51%
over 9 years in
nominal terms
(2008-2017)



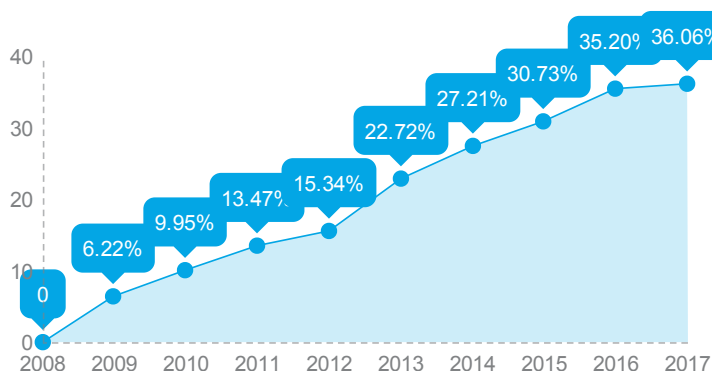
Growing system under pressure

Student numbers growth
outpacing funding increase

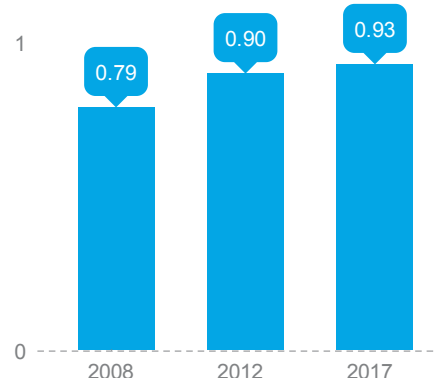


+36%
over 9 years in real
terms
(2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+41% academic staff

between 2008/09
and 2016/17



**+16% non-academic
staff**



+40% students

between 2008/09
and 2016/17
(+40% from 2008/09
to 2017/18)

GERMANY

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	German Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	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	0,87%	1.1%	2.200.000	601.682
2011	23.800.000.000	0,88%	2,5%	2.400.000	619.233
2012	24.700.000.000 p	0,90%	2,1%	2.500.000	640.021
2013	26.700.000.000 p	0,94%	1,6%	2.600.000	662.076
2014	27.900.000.000 p	0,95%	0,8%	2.700.000	675.146
2015	28.700.000.000 p	0,94% c	0,1%	2.800.000	684.385
2016	29.800.000.000 c	0,95% c	0,4%	2.800.000	691.363
2017	30500000000 o	0,93%	1,7%	2.800.000	N/A
2018	N/A	N/A	N/A	N/A	N/A

Last update: 28/11/2018

¹ 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)

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

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

⁴ 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)

⁵ Total number of academic and non-academic staff (headcount) in Germany (including temporary, 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 2018 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)

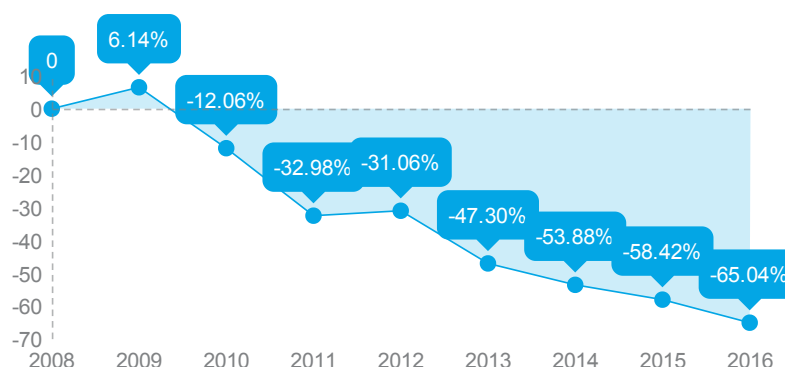


**'Declining' system
under pressure**
Funding cuts outpace decline
in student numbers



-65%
over 8 years
in real terms
(-58% for 2008 to 2015)

Funding volumes (2008 basis)

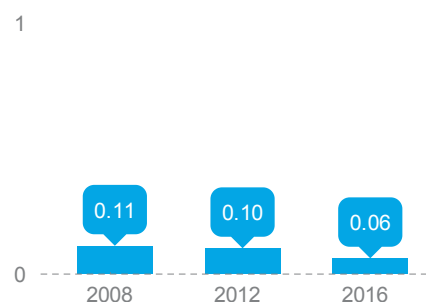


Demographics



-16% students
between 2008/09
and 2014/15

Share of GDP



GREECE

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Greek Rectors' Conference	<u>Eurostat (for GDP at market prices)</u>	<u>Eurostat</u>	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	1,1%	N/A	N/A
2018	N/A	N/A	N/A	N/A	N/A

Last update: 30/11/2017 (except inflation data 2017)

¹ 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)

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

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

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

⁵ 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

f = forecast/estimate

p = provisional

o = officially announced figure



Public Funding Observatory 2018 HUNGARY

Public funding to public universities

Hungary's 'V-shaped' funding trajectory shows that the situation is improving since 2013, although still remaining under pre-2008 levels. Investment in nominal terms is eroded by inflation, which is picking up again, and may be questioned by slower economic growth forecast. Student numbers continuously decline over the entire period in the context of negative demographic trends.



+12%

over 9 years in nominal terms (2008-2017)



Shrinking system

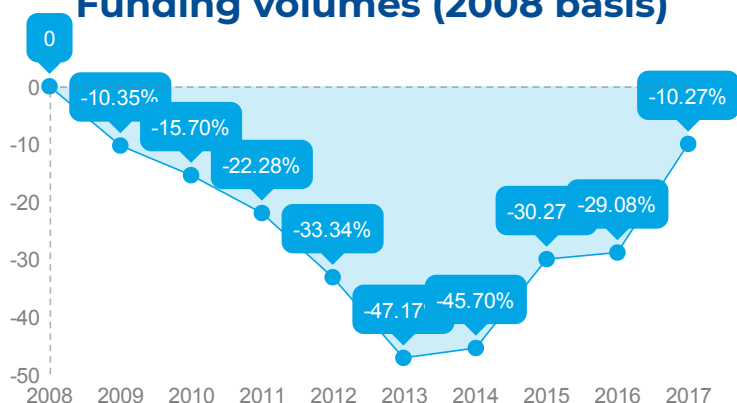
Funding decrease inferior to decline in student numbers



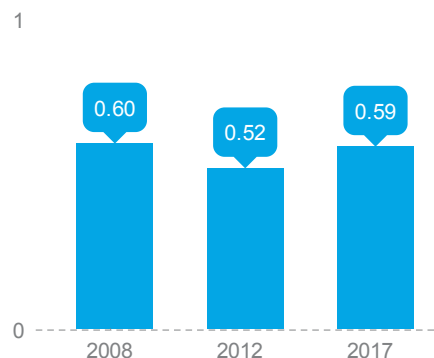
-10%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



-0,5% academic staff

between 2008/09 and 2016/17
(+4% and +34% from 2008/09 to 2017/2018)



+21% non-academic staff



-25% students

between 2008/09 and 2016/17
(-26% from 2008/09 to 2017/18)

HUNGARY

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (HUF) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Hungarian Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	Hungarian Rectors' Conference	Hungarian Rectors' Conference
2008	647.910.000 c	207.000.000.000	0,60% c	6%	381.033	51.871
2009	604.090.000 c	193.000.000.000	0,64% c	4%	370.331	53.165
2010	594.700.000 c	190.000.000.000	0,60% c	4,7%	361.347	57.015
2011	569.660.000 c	182.000.000.000	0,56% c	3,9%	359.824	54.114
2012	516.450.000 c	165.000.000.000	0,52% c	5,7%	338.467	54.317
2013	416.290.000 c	133.000.000.000	0,41% c	1,7%	320.124	52.337
2014	427.830.623 c	136.687.100.000	0,41% c	0%	306.524	54.563
2015	550.012.239 c	175.722.760.000	0,50% c	0,1%	295.316	57.722
2016	561.584.600 c	179.420.000.000	0,49% c	0,4%	287.018	57.496
2017	727.649.880 c	232.476.000.000	0,59%	2,4%	283.350	62.098
2018	784.841.240	250.748.000.000 o	N/A	N/A	N/A	N/A

Last update: 23/01/2019

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

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

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

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

⁵ 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).

⁶ 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)

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



Public Funding Observatory 2018 ICELAND

Public funding to universities

In the context of a robust economic growth, Iceland has significantly re-invested in the sector, as proven by the steady funding increase since 2013. In 2017, the country closed the funding gap created between 2008 and 2012, although there is still high pressure linked to the absorption of a larger student population in the first half of the period. The government plans to improve funding per student and aims at reaching the OECD average for funding university education in 2020. Additional allocations to the sector are planned in 2018 and for the period covered by the national fiscal plan.



+57%

over 9 years in nominal terms (2008-2017)



Growing system under pressure

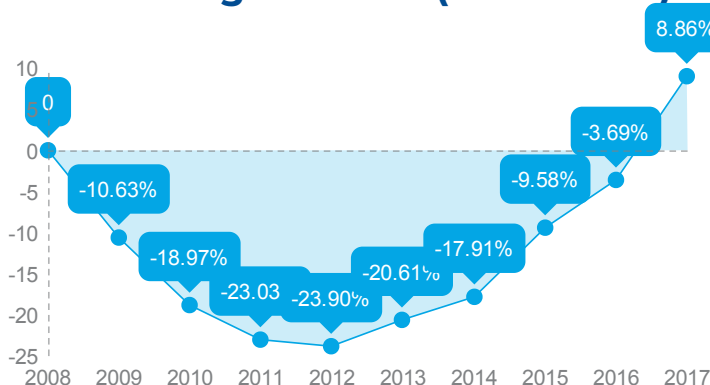
Student numbers growth outpacing funding increase



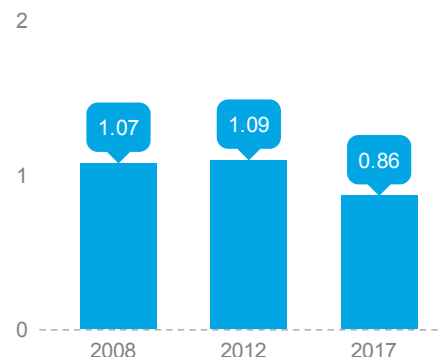
+9%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+6% academic staff

between 2009/10 and 2016/17
(+8% and +23% from 2009/10 and 2018/19)



+22% non-academic staff



+12% students

between 2008/09 and 2016/17
(+12% from 2008/09 to 2018/19)

ICELAND

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (ISK) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Icelandic Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	Icelandic Rectors' Conference	Icelandic Rectors' Conference
2008	115.612.420 c	14.203.000.000	1,07% c	12,8%	12.587	1.066
2009	120.162.680 c	14.762.000.000	1,30% c	16,3%	13.044	1.260
2010	117.118.320 c	14.338.000.000	1,17% c	7,5%	13.818	1.275
2011	115.929.880 c	14.242.000.000	1,10% c	4,2%	13.843	1.278
2012	121.489.500 c	14.925.000.000	1,09% c	6%	13.827	1.283
2013	131.941.260 c	16.209.000.000	1,13% c	4,1%	14.377	1.316
2014	137.793.920 c	16.928.000.000	1,06% c	1%	14.035	1.343
2015	152.226.140 c	18.701.000.000	1% c	0,3%	14.195	1.391
2016	163.451.200 c	20.080.000.000	0,89% c	0,8%	14.121	1.425
2017	181.603.400 c	22.310.000.000	0,86%	-1,7%	14.129	1.433 c
2018	202.726.700	24.905.000.000 o	N/A	N/A	14.157	1.445 f

Last update: 28/11/2018

¹ Total public funding in EUR provided to higher education institutions by national public authorities

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

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

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

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

⁶ 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 2018 IRELAND

Public funding to public universities

Recurrent funding to Irish universities increased in 2017 and 2018 for the first time after almost a decade of regular cuts. The growth of the student population is slowing down but funding per student has declined dramatically during the period. Restrictions on staff recruitment continue to apply and capital infrastructure remains underfunded. The long-term sustainability of the HE sector remains an issue, despite the fact that high GDP growth suggests possibilities for renewed investment in universities. The funding model is under discussion but the prospect of reform remains distant.



-33%

over 9 years in nominal terms (2008-2017)



System in danger

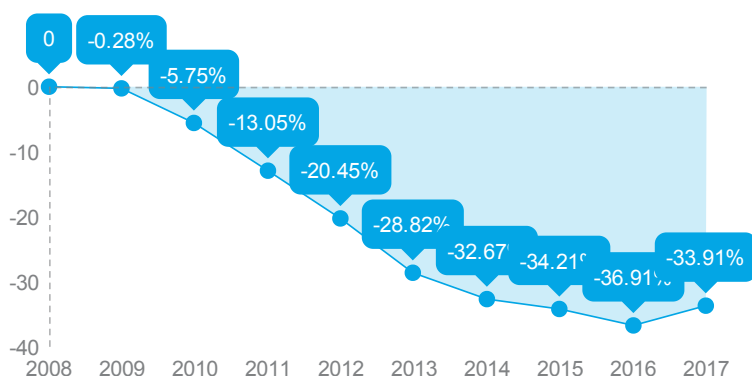
Funding cuts and growing student numbers



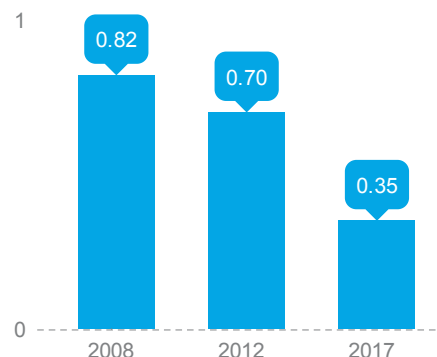
-34%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



-7% academic staff

between 2008/09 and 2016/17
(-4% and -17% from 2008/09 to 2017/18)



-18% non-academic staff



+23% students

between 2008/09 and 2016/17
(+25% from 2008/09 to 2017/18)

IRELAND

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Irish Universities' Association	Eurostat (for GDP at market prices)	Eurostat	Irish Universities' Association	Irish Universities' Association
2008	1.548.400.000	0,82%	3,1%	161.539	20.035
2009	1.517.800.000	0,89%	-1,7%	172.217	19.176
2010	1.411.600.000	0,84%	-1,6%	177.079	18.044
2011	1.317.900.000	0,77% c	1,2%	179.487	17.699
2012	1.228.600.000	0,70%	1,9%	182.089	17.337
2013	1.104.800.000	0,61%	0,5%	186.560	17.106
2014	1.048.300.000	0,54%	0,3%	191.304 c	17.069
2015	1.024.300.000	0,39% c	0%	197.979	17.162
2016	980.300.000	0,36% c	-0,2%	199.427 c	17.475
2017	1.029.933.000 c	0,35%	0,3%	201.421 c	17.920
2018	1.051.655.000 o	N/A	N/A	N/A	N/A

Last update: 21/12/2018

¹ 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.

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

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

⁴ 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 2007/2008)

⁵ 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 2007/2008)

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



Public Funding Observatory 2018 ITALY

Public funding to public universities

Unlike other countries to the West of Europe, Italy has been confronted with a drop in student numbers during the period, although there are signs that this trend is slowing down. In the meantime, cuts implemented at the beginning of the period have not been compensated by renewed investment; rather, funding has been stabilising in the recent years at a worrying low level in spite of economic growth. Discussions on the reform of public funding allocation is ongoing after its implementation came to a halt.



-8%

over 9 years in nominal terms (2008-2017)



Declining system under pressure

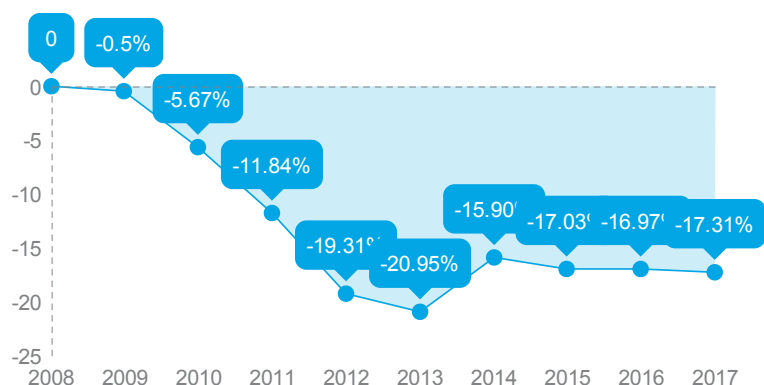
Funding cuts outpacing decline in student numbers



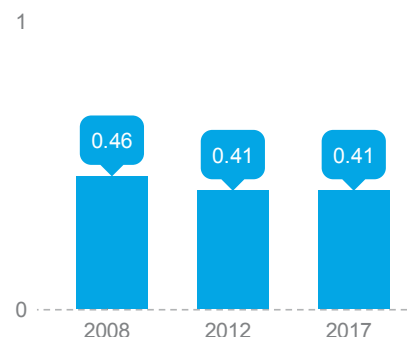
-17%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



-16% academic staff

between 2008/09 and 2016/17



-25% non-academic staff



-9% students

between 2008/09 and 2016/17

ITALY

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Italian Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	Italian Rectors' Conference: Office for Statistics of the Ministry for Education, University and Research (USTAT)	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%	1.676.956	109.274
2014	7.010.000.000	0,43%	0,2%	1.652.592	106.894
2015	6.923.000.000	0,42%	0,1%	1.641.696 c	106.175 c
2016	6.921.000.000	0,41%	-0,1%	1.654.680	103.363
2017	6.981.900.000	0,41%	1,3%	N/A	N/A
2018	N/A	N/A	N/A	N/A	N/A

Last update: 28/11/2018

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

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

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

⁴ 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)

⁵ 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

f = forecast/estimate

p = provisional

o = officially announced figure



Public funding to public universities

Despite a modest but sustained positive trend since 2012, the effect of the large budget cuts at the beginning of the period are still obvious. In Latvia's dual funding system, the number of state-supported study places at public universities has broadly remained stable, while the student body decline is explained by lower numbers of fee-paying students. Public institutions are therefore hit both by the decline in public funding and by lower fee-related income. Minor increases are projected in 2018 and 2019 due to rise of pedagogical staff salaries and the reinforcement of a scientific funding programme.



-26%

over 8 years in nominal terms (2008-2016)



Declining system under pressure

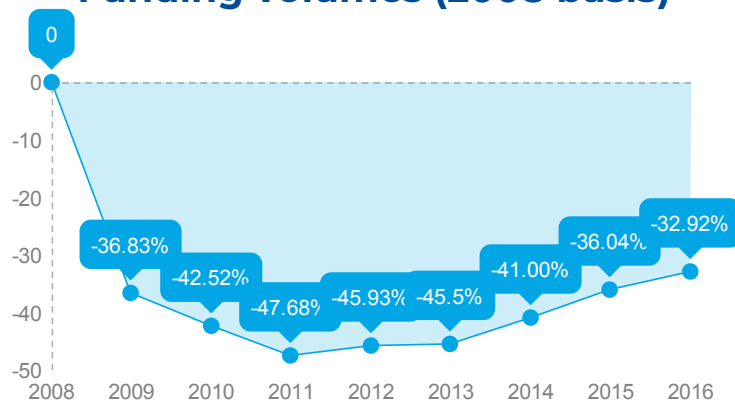
Funding cuts outpacing declining student numbers



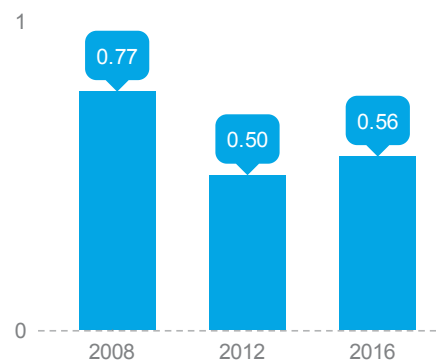
-33%

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
(-7% from 2008/09 to 2017/2018)



-23% non-academic staff

(-31% from 2008/09 to 2017/18)



-25% students

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

LATVIA

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Ministry of Education statistics	Eurostat (for GDP at market prices)	Eurostat	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%	0,7%	63.456	9.528
2015	131.980.000	0,54%	0,2%	63.626	9.461
2016	138.550.041 c	0,56% c	0,1%	63.409	9.228
2017	N/A	N/A	2,9%	62.610	9.315
2018	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: 30/11/2018

¹ 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

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

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

⁴ Total number of students enrolled in public HEIs in Latvia (headcount) - both part-time and full-time, state-sponsored and self-supported (the lower numbers are linked to less fee-paying students entering universities). Student numbers are reported per academic year (2008 = academic year 2008/2009)

⁵ Total number of academic and non-academic staff employed by public higher education institutions in Latvia (headcount). Approx. 75% of academic staff has part-time workloads. 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 2018 LITHUANIA

Public funding to public universities

Public funding to universities in Lithuania dropped by more than one third in 2008-2017, whereas student numbers declined by more than 40%. Data communicated by the Ministry for 2018 shows for the first time a sizeable increase in public funding (+12,5% in nominal terms). Combined with significantly higher levels of EU structural funds this year (representing one-third of the total public funding), Lithuanian universities may start addressing some of the pressing issues in a system that continues to suffer from negative demographics and substantial emigration.



-21%
over 9 years in
nominal terms
(2008-2017)

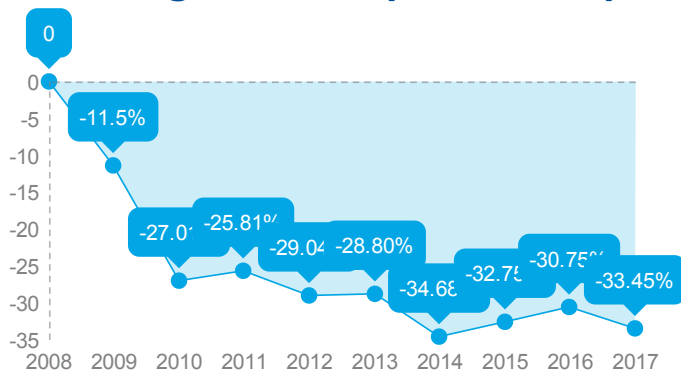


Shrinking system
Funding cuts lower than
declining student numbers

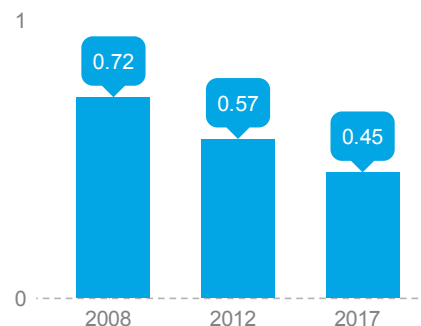


-33%
over 9 years in real
terms
(2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



-3% academic staff

between 2008/09 and 2016/17



-20% non-academic staff



-42% students

between 2008/09
and 2016/17
(-48% from 2008/09
to 2018/19)

LITHUANIA

Item	Total public funding (EUR): state subsidies and EU structural funds ¹	Public funding breakdown:		National public funding as percentage of GDP ⁴	Inflation rate ⁵	Student numbers ⁶	Staff numbers ⁷
		State subsidies ²	EU structural funds ³				
Sources	Lithuanian Rectors' Conference			Eurostat (for GDP at market prices)	Eurostat	Lithuanian Rectors' Conference	Lithuanian Rectors' Conference
2008	N/A	235.501.607	N/A	0,72%	11,1%	144.301	8.940
2009	224.051.931	217.173.584	6.878.347	0,81%	4,2%	133.564	8.731
2010	199.935.866	181.262.442	18.673.424	0,65%	1,2%	125.046	9.622
2011	257.568.977	191.807.796	65.761.181	0,61%	4,1%	113.780	9.498
2012	272.054.608	189.326.621	82.727.987	0,57%	3,2%	104.923	9.503
2013	275.604.614	192.242.516	83.362.098	0,55%	1,2%	105.163	9.497
2014	284.679.330	176.713.960	107.965.370	0,48%	0,2%	99.066	9.236
2015	312.705.602	180.663.666	132.041.936	0,48%	-0,7%	88.604	9.054
2016	224.742.000	187.336.000	37.406.000	0,48%	0,7%	83.663	8.234
2017	208.777.823	186.696.000	22.081.823	0,45%	3,7%	78.485	N/A
2018	314.506.599	210.007.000	104.499.599	N/A	N/A	73.867	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: 10/12/2018

¹ Aggregated total of "state subsidies" and "EU structural funds"

² Direct Ministry funding provided to public universities in EUR

³ EU structural funds channeled to universities

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

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

⁶ 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)

⁷ Total academic and non-academic staff employed in public universities in Lithuania (in FTE). Staff 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 2018 LUXEMBOURG

Public funding to the University of Luxembourg

Luxembourg is a 'frontrunner' system which almost doubled public funding for its university over 8 years. Additional funding supported an increase in student numbers and the recruitment of new academic and non-academic staff. The current performance contract between the Ministry and the University (2018-2021) includes for the first time a competitive "bonus" element rewarding success in EU research funding programmes.



+125%
over 8 years in
nominal terms
(2009-2017)

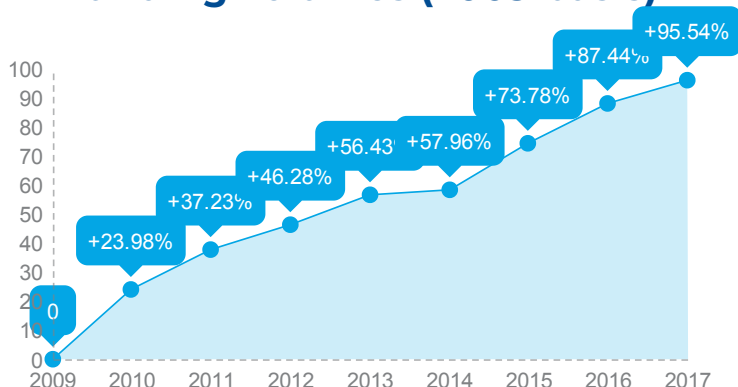


'Frontrunner' system
Funding increase outpacing
student numbers growth



+96%
over 8 years in real
terms
(2009-2017)

Funding volumes (2009 basis)



Share of GDP



University demographics



+26% academic staff
between 2012/13
and 2018/19



**+63% non-academic
staff**
between 2012/13
and 2018/19



+24% students
between 2009/10
and 2016/17
(+40% from 2008/09
to 2017/18)

LUXEMBOURG

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
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%	4961 c	N/A
2010	117.000.000	0,29%	2,8%	5.204	N/A
2011	134.300.000	0,31%	3,7%	5.709	N/A
2012	147.300.000	0,33%	2,9%	6.308	1.126
2013	160.200.000	0,34%	1,7%	6.231	1.312
2014	162.900.000	0,33%	0,7%	6.309	1.414
2015	179.400.000	0,34%	0,1%	6.189	1.504
2016	193.500.000	0,37%	0%	6.153	1.587
2017	206.100.000	0,37%	2,1%	6.366	1741 c
2018	N/A	N/A	N/A	N/A	1.759

Last update: 30/11/2018

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

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

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

⁴ Total number of students enrolled at the University of Luxembourg, counted in full time equivalents (FTE). Student numbers are reported per academic year (2008 = academic year 2008/2009)

⁵ Total number of academic and non-academic staff employed at the University of Luxembourg, calculated in FTE and as an average over the 12 months. The 2018 data refers to the latest official headcount report as of May 2018.

N/A= not available

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



Public Funding Observatory 2018

THE NETHERLANDS

Public funding to public universities

The Netherlands is a 'growing' system with a sustained investment effort in universities in the period (excepted 2012). However, the system is confronted with student numbers increasing at a faster pace and still projected to grow in the coming years. Since 2018 a redistribution of € 70 million from student support to grants for teaching for universities is implemented. In 2023 this will increase to € 190 million to improve the quality of education by means of performance agreements.



+22%
over 9 years in
nominal terms
(2008-2017)



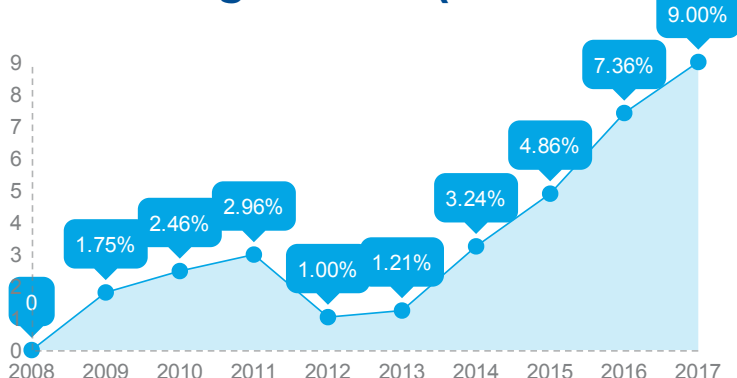
Growing system under pressure

Student numbers growth
outpacing funding increases

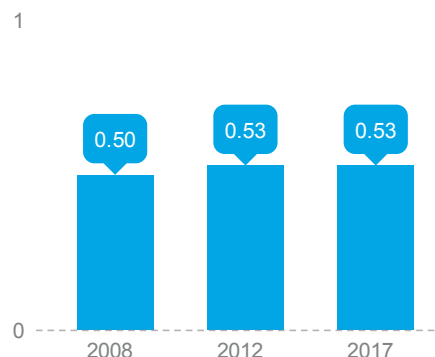


+9%
over 9 years in real
terms
(2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+16% academic staff

between 2008/09
and 2016/17
(+19% from 2008/09 to
2017/18)



+5% non-academic staff

(+9% from 2008/09
to 2017/18)



+21% students

between 2008/09
and 2016/17
(+30% from 2008/09
to 2018/19)

THE NETHERLANDS

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Dutch Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	Dutch Rectors' Conference	Dutch Rectors' Conference
2008	3.217.000.000	0,50%	2,2%	219.221	40.684
2009	3.306.000.000	0,53% c	1%	231.786	42.175
2010	3.359.000.000	0,53%	0,9%	240.755	42.910
2011	3.460.000.000	0,53%	2,5%	243.796	42.877
2012	3.489.000.000	0,53% c	2,8%	239.742	42.902
2013	3.587.000.000	0,54% c	2,6%	248.288	43.186
2014	3.670.000.000	0,55%	0,3%	253.465	43.605
2015	3.735.000.000	0,54%	0,2%	258.041 c	44.244
2016	3.828.000.000	0,54%	0,1%	264.680 c	45.282
2017	3.937.000.000	0,53%	1,3%	276.713 c	46.554
2018	4.153.000.000 f	N/A	N/A	285.000	N/A

Last update: 30/11/2018

¹ Total public funding in EUR provided to public research universities (excluding universities of applied sciences) by the public authorities, not including EU funds

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

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

⁴ 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)

⁵ 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)



Public Funding Observatory 2018 NORWAY

Public funding to universities

Norway is a 'frontrunner' system where public funding for universities grew in line with student numbers, allowing universities to continue recruiting staff. The return to moderately growing GDP levels in 2017 should further support this positive trajectory. Public funding to universities grew by 3.5% in 2017 compared to the 2016 increase of 1.6%.



+54%

over 9 years in nominal terms (2008-2017)



'Frontrunner' system

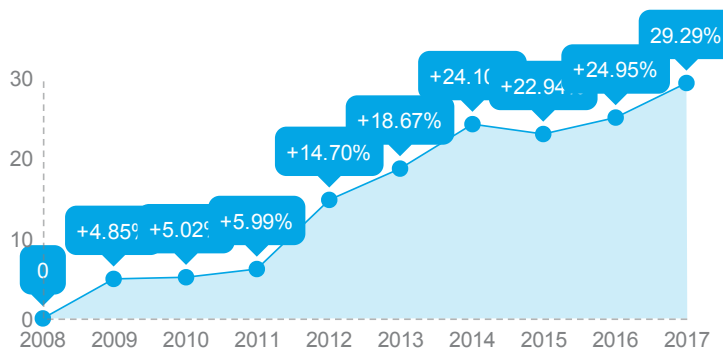
Funding increase outpacing student numbers growth



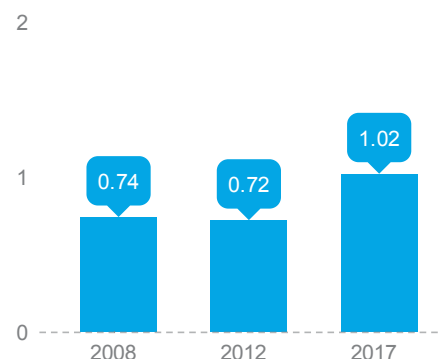
+29%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+20% academic staff +19% non-academic staff

between 2008/09 and 2016/17
(+25% from 2008/09 to 2017/18)



(+20% from 2008/09 to 2017/18)



+26% students

between 2008/09 and 2016/17
(+29% from 2008/09 to 2017/18)

NORWAY

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (NOK) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Norwegian Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	Norwegian Rectors' Conference	Norwegian Rectors' Conference
2008	2.334.039.5005 c	22.282.000.000	0,74% c	3,4%	163.500	28.737
2009	2.503.629.750 c	23.901.000.000	0,90% c	2,3%	170.700	29.312
2010	2.565.222.750 c	24.489.000.000	0,79% c	2,3%	175.200	29.919
2011	2.622.625.750 c	25.037.000.000	0,73% c	1,3%	178.000	30.419
2012	2.849.409.500 c	27.202.000.000	0,72% c	0,4%	183.500	30.718
2013	3.007.058.250 c	28.707.000.000	0,76% c	2%	188.500	31.219
2014	3.204.302.500 c	30.590.000.000	0,85% c	1,9%	193.500	32.074
2015	3.238.032.000 c	30.912.000.000	0,93% c	2%	202.086 c	33.300
2016	3.419.243.006 c	32.641.938.000	1,02% c	3,9%	206.328 c	34.450
2017	3.605.081.342	34.416.051.000	1,02%	1,9%	210.250	35.309
2018	3.745.395.643	35.755.567.000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2018

¹ 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

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

³ Total public funding as defined above as percentage of GDP at market prices

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

⁵ 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)

⁶ Total number of academic and non-academic staff employed at public higher education institutions in Norway, counted in full time equivalents (FTE). Figures include doctoral candidates. 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 2018

POLAND

Public funding to public universities

Real public funding to universities in Poland grew by one fifth over 9 years, whilst student numbers will have shrunk by nearly a quarter in comparison to 2008/09. After a few years of remarkable growth, public investment slowed down since 2016 and is expected to remain stable in 2018. 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 in 2017 to focus on student-to-staff ratio, leading some universities to put a curb on admissions.



+41%
over 9 years in
nominal terms
(2008-2017)

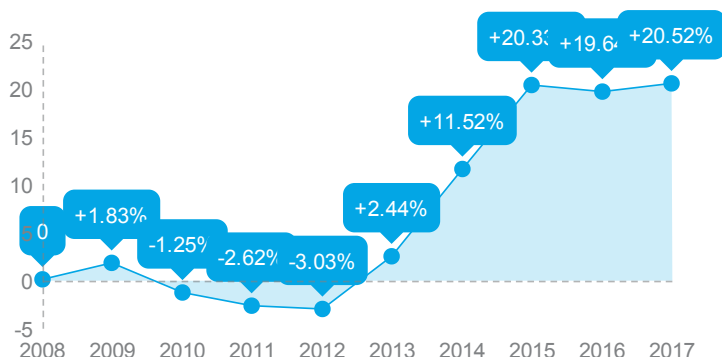


System in transition
Funding increase and
declining student numbers

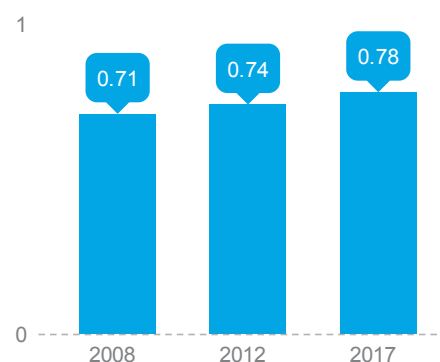


+21%
over 9 years in real
terms
(2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



-2% academic staff
between 2008/09
and 2016/17
(-2% from 2008/09
to 2017/18)



**+3% non-academic
staff**
between 2008/09 and 2016/17
(+2% from 2008/09 to 2017/18)



-18% students
between 2008/09
and 2016/17
(-24% from 2008/09
to 2017/18)

POLAND

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (PLN) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Polish Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	Polish Rectors' Conference	Polish Rectors' Conference
2008	2.594.409.530 c	11.191.000.000	0,71% c	4,2%	1.268.366	144.322
2009	2.747.533.245 c	11.851.500.000	0,87% c	4%	1.266.917	146.367
2010	2.733.855.275 c	11.792.500.000	0,76% c	2,6%	1.261.175	147.616
2011	2.800.970.060 c	12.082.000.000	0,74% c	3,9%	1.245.864	147.540
2012	2.892.496.544 c	12.476.800.000	0,74% c	3,7%	1.217.477	146.899
2013	3.080.047.014 c	13.285.800.000	0,78% c	0,8%	1.151.315	145.697
2014	3.356.249.276 c	14.477.200.000	0,82% c	0,1%	1.110.208	144.861
2015	3.596.100.594 c	15.511.800.000	0,84% c	-0,7%	1.075.199	144.365
2016	3.568.327.360 c	15.392.000.000	0,84% c	-0,2%	1.034.161 c	144.757
2017	3.651.948.441 c	15.752.700.000 c	0,78%	1,6%	969.835 p	144.339
2018	3.723.978.022	16.063.400.000 o	N/A	N/A	N/A	N/A

Last update: 10/12/2018

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

² Total public funding in national currency provided to public higher education institutions by all public authorities in the country. Budget figures for 2017 and 2018 do not include expenditures from the local governments.

³ Total public funding as defined above as percentage of GDP at market prices

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

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

⁶ 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



Public Funding Observatory 2018

PORTUGAL

Public funding to public universities

In Portugal, public funding to universities grew by 9% over 2008-2017, with a negative trajectory in the trend between 2011 and 2013. Since then, Portugal is on a positive funding track. The significant increase reported in 2014, which followed the lowest point of the funding curve, served to (partially) compensate for salary corrections decided by the government. Universities continue to face a difficult situation, as the increases fail to cover increases in staff expenditure. In the context of a slower economic growth forecast, investment in higher education needs to remain a national priority, in particular as student numbers rise again.



+21%

over 9 years in nominal terms
(2008-2017)



System in recovery

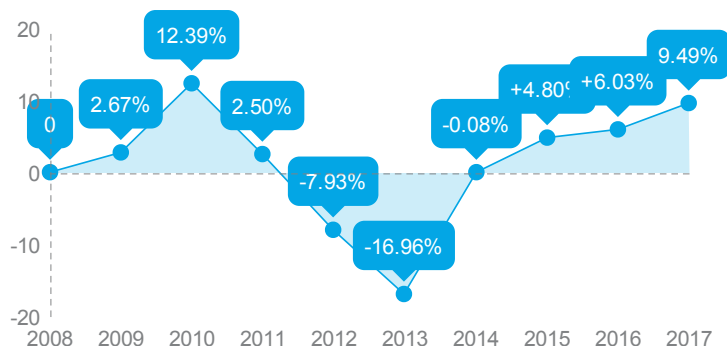
Funding increase now outpacing
student numbers growth



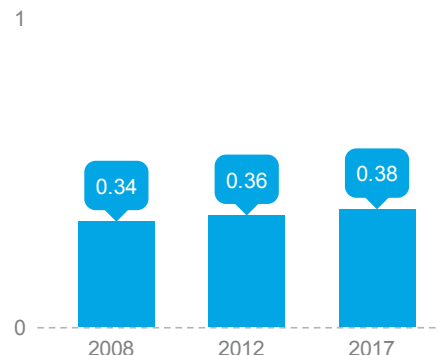
+9%

over 9 years in real terms
(2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+4% academic staff

between 2008/09
and 2016/17
(+7% from 2008/09
to 2017/18)



+7% students

between 2008/09 and
2016/17
(+9% between 2008/09 and
2017/18)

PORTUGAL

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Academic staff numbers ⁵
Sources	Portuguese Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	PORDATA	PORDATA
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%	297.884	25.142
2016	702.312.427	0,38%	0,6%	302.596	25.699
2017	736.857.196	0,38%	1,6%	308.489	26.579
2018	759.232.173 o	N/A	N/A	N/A	N/A

Last update: 30/11/2018

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

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

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

⁴ 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)

⁵ 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



Public funding to public universities

The Serbian system is put under high pressure, with funding to universities reduced by more than one fourth since 2008, while student numbers started growing again in 2016/17. There are opportunities to correct the downward trajectory as forecasts point to strong economic growth in the next years.



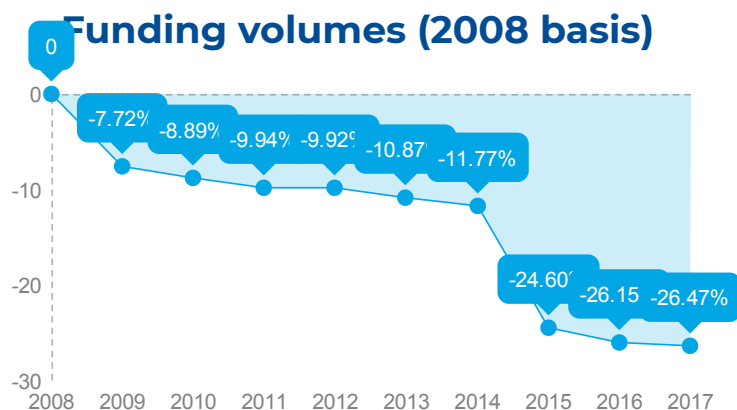
+18%
over 9 years in nominal terms (2008-2017)



System in danger
Funding cuts and growing student numbers



-26%
over 9 years in real terms (2008-2017)

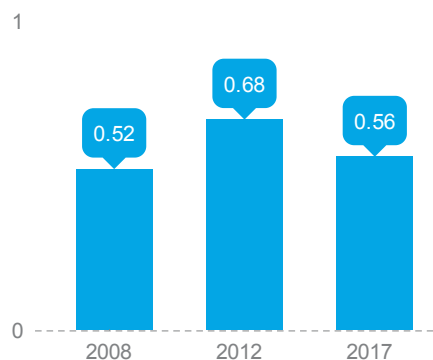


Demographics



+0.5% students
between 2008/09 and 2016/17)

Share of GDP



SERBIA

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (RSD) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Conference of Universities of Serbia (KONUS)	Eurostat (for GDP at market prices)	Eurostat	Conference of Universities of Serbia (KONUS)	Conference of Universities of Serbia (KONUS)
2008	175,356,794 c	20.727.753.473	0,52% c	11,9%	235.940	N/A
2009	175,087,424 c	20.695.913.000	0,57% c	8,2%	226.772	N/A
2010	183,583,277 c	21.700.151.000	0,62% c	6,2%	228.531	N/A
2011	201,802,048 c	23.853.670.000	0,60% c	11,2%	231.661	N/A
2012	216,779,387 c	25.624.041.000	0,68% c	7,4%	238.945	N/A
2013	231,012,575 c	27.306.451.000	0,67% c	7,7%	242.848	N/A
2014	233,919,795 c	27.650.094.000	0,70% c	2,3%	240.862	N/A
2015	202,925,502 c	23.986.466.000	0,61% c	1,5%	234.527	21.081
2016	201,322,823 c	23.797.024.000	0,58% c	1,3%	237.252	20.571
2017	207,062,062 c	24.475.421.000	0,56% c	3,3%	N/A	20.933
2018	N/A	N/A	N/A	N/A	N/A	23.660

Last update: 13/03/2019

¹ Total public funding in EUR provided to public universities by national public funding authorities² Total public funding in national currency provided to public universities by national public funding authorities³ Total public funding as defined above as percentage of GDP at market prices⁴ Harmonised Indices of Consumer Prices (HICPs) inflation rate as annual average rate of change. HICPs are designed for international comparisons of consumer price inflation⁵ 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)⁶ 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 f = forecast/estimate p = provisional o = officially announced figure



Public Funding Observatory 2018 SLOVAKIA

Public funding to public higher education institutions

Since 2015 Slovakia's funding trajectory is moving upwards. The increase of funding in real terms registered in 2017 was the largest of the last years (+4%) and the forecast for 2018 is positive (4% in nominal terms). Investments notably target accommodation and facilities for students. Nevertheless the gap created by significant budget cuts between 2010 and 2014 persists, while the sharp decline of the student population shows no sign of slowing down.



+9%

over 9 years in nominal terms (2008-2017)



Shrinking system

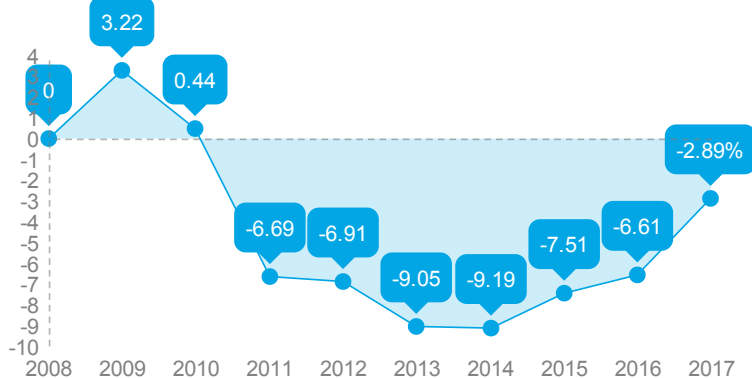
Declining funding (in real terms) and decreasing student numbers



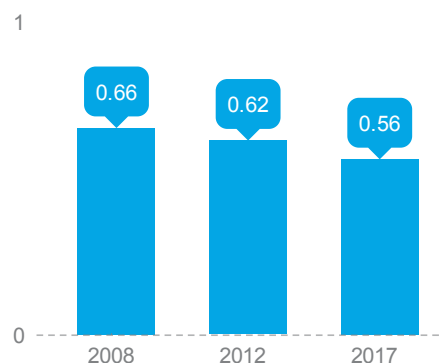
-3%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



-15% academic staff

From 2008/09 to 2016/17
(-4% from 2008/09 to 2018/19)



-4% non-academic staff

From 2008/09 to 2016/17



-35% students

From 2008/09 to 2016/17
(-36% from 2008/09 to 2018/19)

SLOVAKIA

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Slovak Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	Slovak Rectors' Conference	Slovak Rectors' Conference
2008	437.939.000	0,66%	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%	-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%	121.837	18.980
2017	475.776.678	0,56%	1,4%	128.593	N/A
2018	495.435.471 o	N/A	N/A	119.709	N/A

Last update: 30/11/2018

¹ Total public funding in EUR provided to public HEIs from the State budget, not including EU funds

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

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

⁴ 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)

⁵ 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)



Public Funding Observatory 2018

SLOVENIA

Public funding to public higher education institutions

Slovenia is a declining system, where public funding to public HEIs dropped by 10% in real terms since 2008, whereas the student population shrank by 22%. A reform of the funding model for universities passed at the end of 2016 aims at refinancing and providing stable, long-term funding to HEIs. The system is therefore under transition.



-2%

over 8 years in nominal terms (2008-2016)



Shrinking system

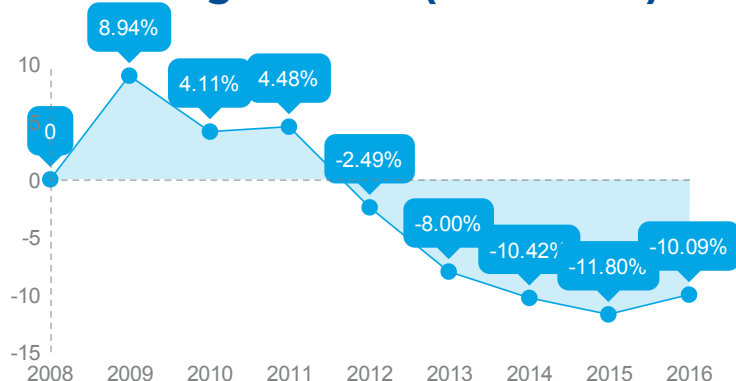
Declining funding and decreasing student numbers



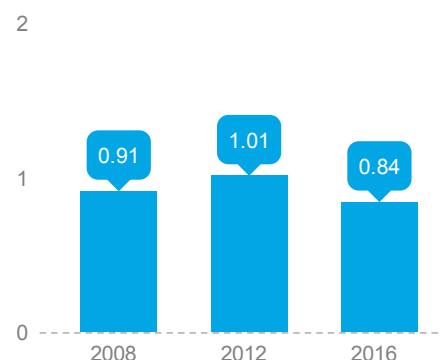
-10%

over 8 years in real terms (2008-2016)

Funding volumes (2008 basis)



Share of GDP



Demographics

All public higher education institutions



+1% academic staff

between 2008/09 and 2015/16
(-7% between 2008/09 and 2017/18)



+17% non-academic staff

between 2008/09 and 2015/16



-22% students

between 2008/09 and 2015/16
(-28% from 2008/09 to 2017/18)

SLOVENIA

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Slovenia Rectors' Conference / National Statistical Office	Eurostat (for GDP at market prices)	Eurostat	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	346.646.000 c	0,91% c	5,5%	64.950	8.467
2009	380.651.000 c	1,05% c	0,8%	64.791	8.957
2010	371.408.000 c	1,02% c	2,1%	62.026	9.204
2011	380.583.000 c	1,03% c	2,1%	61.129	9.454
2012	365.138.000 c	1,01% c	2,8%	58.757	9.088
2013	351.021.000 c	0,97% c	1,9%	56.341	9.207
2014	343.160.000 c	0,91% c	0,4%	53.691	8.876
2015	335.164.000	0,86% c	-0,8%	50.849	9.051
2016	341.002.000 c	0,84% c	-0,2%	49.413	N/A
2017	N/A	N/A	1,6%	46.844	N/A
2018	N/A	N/A	N/A	N/A	N/A

Last update: 30/11/2018

¹ Total public funding in EUR for tertiary education (direct expenditure for public institutions)

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

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

⁴ Total number of students enrolled in public HEIs (ISCED 6-8) in FTE. Student numbers are reported per academic year (2008 = academic year 2008/2009)

⁵ Total number of academic and non-academic staff employed in the higher education sector (FTE). HE teachers are represented as academic staff, while researchers and administrative staff are represented as non-academic staff. Doctoral candidates with employment contract are 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



Public Funding Observatory 2018

SPAIN

Public funding to public universities

Spain is a declining system under pressure, as public funding dropped by 22% in the 2008-2017 period while student numbers decreased slightly. Despite the latest - limited - investments of 2017 and 2018, Spain's university funding is still in the red as compared to 2008. The Spanish economy is in expansion and robust economic growth forecast can support renewed investment efforts to close the gap.



-14%
over 9 years
in nominal terms
(2008-2017)



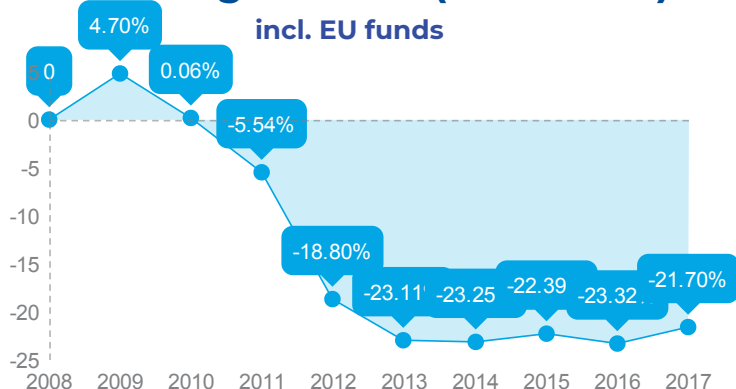
Declining system under pressure

Funding cuts outpacing
decline in student numbers

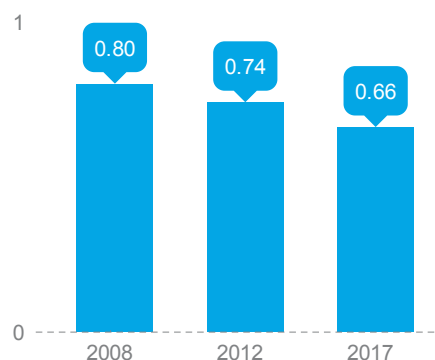


-22%
over 9 years
in real terms
(2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



-3% academic staff

between 2008/09 and 2016/17
(+1,6% and +0,8% from 2008/09 to
2018/19)



-4% non-academic staff



-3% students

between 2008/09 and
2016/17
(-5,75% from 2008/09
to 2018/19)

SPAIN

Item	Total public funding (EUR) ¹	Total public funding as percentage of GDP ²	Inflation rate ³	Student numbers ⁴	Staff numbers ⁵
Sources	Spanish Rectors' Conference	Eurostat (for GDP at market prices)	Eurostat	Spanish Rectors' Conference	Spanish Rectors' Conference
2008	8.879.362.459	0,80%	4,1%	1.299.665	125.933 c
2009	9.278.175.322	0,86%	-0,2%	N/A	N/A
2010	9.044.147.583	0,84%	2%	N/A	129.270 c
2011	8.794.147.583	0,82%	3%	N/A	N/A
2012	7.740.979.908	0,74%	2,4%	1.366.200	124.602 c
2013	7.439.903.672	0,73%	1,5%	1.357.489	121.943 c
2014	7.411.880.543	0,71%	-0,2%	1.322.358	121.645 c
2015	7.450.120.000	0,69%	-0,6%	1.291.451	119.182 c
2016	7.338.899.534 c	0.66% c	-0,3%	1.259.811 c	121.432 c
2017	7.643.347.400 c	0,66%	2%	1.242.094 c	124.468 c
2018	7.988.475.800 f	N/A	N/A	1.224.904	127.580

Last update: 28/11/2018

¹ 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

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

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

⁴ 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)

⁵ Total number of academic and non-academic staff employed at public universities in Spain. The figures are now provided in FTEs. 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 2018

SWEDEN

Public funding to public universities

Sweden is a 'frontrunner' system, where funding increased by more than one fifth whilst student enrollment is growing slowly. However, since 2016 universities receive slightly less funding every year in real terms, a phenomenon likely to happen again in 2018. A new funding mechanism is currently being discussed, with a proposal expected in early 2019, and possible implementation as of 2021.



+35%

over 9 years in nominal terms (2008-2017)



Frontrunner system

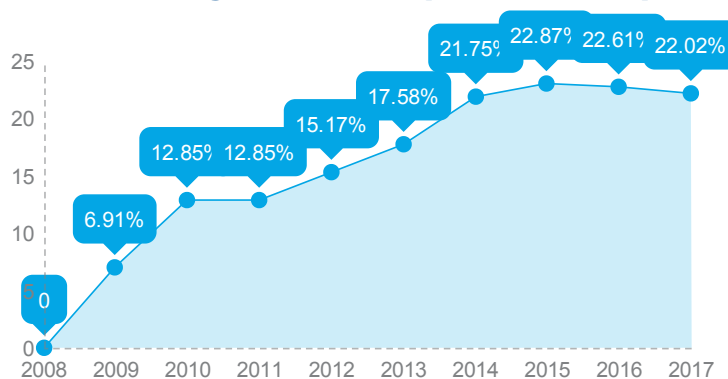
Funding increase outpacing growth in student numbers



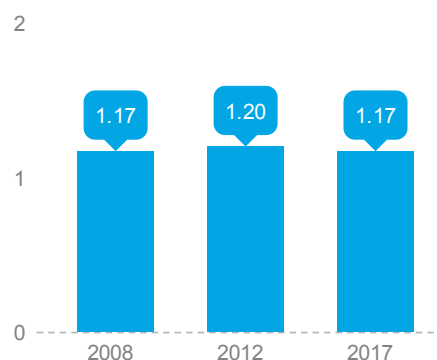
+22%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+23% academic staff

between 2008/09 and 2016/17 (+25% from 2008/09 to 2017/18)



+13% non-academic staff

(+11% from 2008/09 to 2017/18)



+2,6% students

between 2008/09 and 2016/17 (+3,8% from 2008/09 to 2017/18)

SWEDEN

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (SEK) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Association of Swedish Higher Education	Eurostat (for GDP at market prices)	Eurostat	Association of Swedish Higher Education	Association of Swedish Higher Education
2008	4.134.825.000 c	42.500.000.000	1,17% c	3,3%	286.390 c	42.668
2009	4,504.527.000 c	46.300.000.000	1,45% c	1,9%	311.677 c	44.665
2010	4.845.042.000 c	49.800.000.000	1,31% c	1,9%	317.222 c	46.565
2011	4.913.145.000 c	50.500.000.000	1,21% c	1,4%	307.648 c	48.402
2012	5.059.080.000 c	52.000.000.000	1,20% c	0,9%	300.584 c	49.011
2013	5.185.557.000 c	53.300.000.000	1,19% c	0,4%	296.276 c	49.963
2014	5.380.137.000 c	55.300.000.000	1,24% c	0,2%	295.091 c	50.576
2015	5.467.698.000 c	56.200.000.000	1,22% c	0,7%	294.328 c	50.375
2016	5.516.343.000 c	56.700.000.000	1,19% c	1,1%	293.792 c	50.536
2017	5.594.175.000 c	57.500.000.000 c	1,17%	1,9%	297.296	50.829
2018	5.701.194.000	58.600.000.000 o	N/A	N/A	N/A	N/A

Last update: 04/12/2018

¹ 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

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

³ Total public funding as defined above as percentage of GDP at market prices

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

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

⁶ Total number of academic and non-academic staff employed in public HEIs in Sweden, counted in full time equivalents (FTE). Staff numbers in the dataset do not include doctoral candidates. The total FTE of doctoral candidates in 2018 is 12947. 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 2018 SWITZERLAND

Public funding to public universities

The funding dataset for Switzerland covers 2008 to 2015. Switzerland is a 'frontrunner' system, with public funding to universities growing at a faster rate than the significant expansion of the student body in the period. The fast economic growth of the country during that time has triggered a relative decline of the share of public funding to universities in relation to GDP. Recent data shows that the student population continues to expand and that pressure is therefore rising on universities, requiring further investment.



+30%
over 7 years in
nominal terms
(2008-2015)



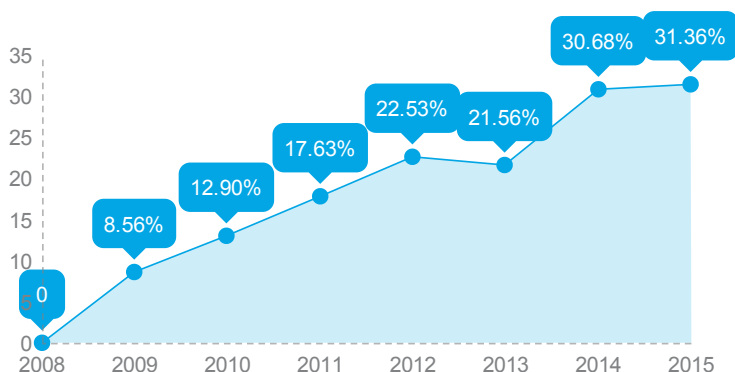
'Frontrunner' system

For the period 2008-2015
funding growth exceeds
student numbers growth

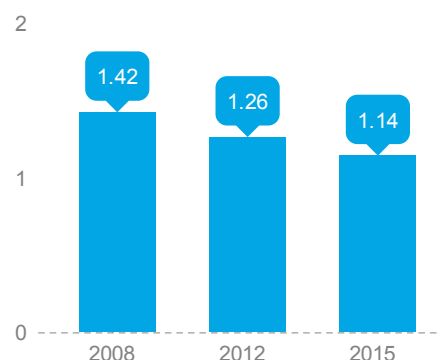


+31%
over 7 years in
real terms
(2008-2015)

Funding volumes (2008 basis)



Share of GDP



University demographics

(Universities, universities of applied sciences and teacher training universities)



+36% academic staff

between 2008/09
and 2017/18



**+34% non-academic
staff**

between 2008/09 and
2017/2018



+26% students

between 2008/09
and 2014/15
(+34% from 2008/09
to 2017/18)

SWITZERLAND

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (CH) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	swissuniversities	Eurostat (for GDP at market prices)	Eurostat	swissuniversities	swissuniversities
2008	5.385.543.432 c	6.200.400.000 c	1,42% c	2,4%	184.756	44.787
2009	5.806.631.016 c	6.685.200.000 c	1,49% c	-0,7%	196.616	47.741
2010	6.073.719.366 c	6.992.700.000 c	1,38% c	0,6%	206.529	49.820
2011	6.334.814.514 c	7.293.300.000 c	1,26% c	0,1%	213.856	51.627
2012	6.552.567.520 c	7.544.000.000 c	1,26% c	-0,7%	222.656	54.345
2013	6.507.140.786 c	7.491.700.000 c	1,26% c	0,1%	229.455	54.466 c
2014	6.995.022.172 c	8.053.400.000 c	1,31% c	0,0%	233.616	56.061 c
2015	6.975.218.548	8.030.600.000	1,14% c	-0,8%	238.756	58.135
2016	N/A	N/A	N/A	-0,5%	244.104	59.278
2017	N/A	N/A	N/A	0,6%	247.905	60.540
2018	N/A	N/A	N/A	N/A	N/A	N/A

Last update: 28/11/2018

¹ Total public funding in EUR provided to higher education institutions by the Confederation, cantons/concordates and communes. Corrections correspond to annual re-calculation by the Federal Audit Office.

² Total public funding in swiss francs provided to higher education institutions by national authorities only

³ Total public funding as defined above as percentage of GDP at market prices

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

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

⁶ Total number of academic and non-academic staff employed in public universities, universities of applied sciences and universities of teacher education 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 2018 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, still lagging behind the expansion of student numbers in 2008-2017. The previous pattern which saw high investment phases alternate with flatter growth seems to evolve towards a negative trend, as nominal terms increases tend to be cancelled by high inflation.



+250%

over 9 years in nominal terms (2008-2017)



Growing system under pressure

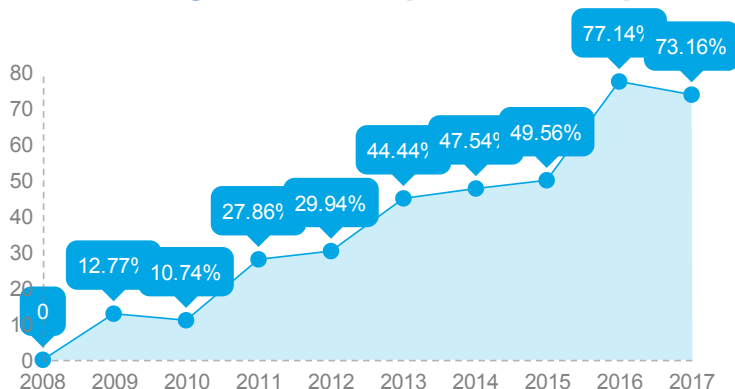
Student numbers growth outpacing funding increase



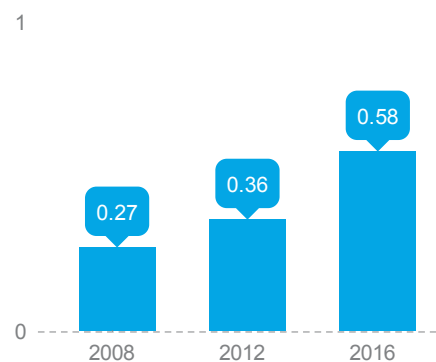
+73%

over 9 years in real terms (2008-2017)

Funding volumes (2008 basis)



Share of GDP



University demographics



+86% academic staff

between 2008/09 and 2016/17
(+64 from 2008/09 to 2017/18)



+207% students

between 2008/09 and 2016/17
(+222% from 2008/09 to 2016/17)

TURKEY

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (Turkish lira) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Academic staff numbers ⁶
Sources	European Commission official exchange rate June 2018	YOK - Council of Higher Education (CoHE)	Eurostat (for GDP at market prices)	Eurostat	YOK - Council of Higher Education (CoHE)	YOK - Council of Higher Education (CoHE)
2008	1.412.282.572 c	7.318.284.650	0,27% c	10,4%	2.345.053	96.105
2009	1.692.959.356 c	8.772.719.225	0,37% c	6,3%	2.711.178	97.923
2010	1.805.416.208 c	9.355.457.600	0,31% c	8,6%	3.299.070	102.682
2011	2.220.027.979 c	11.503.927.500	0,37% c	6,5%	3.571.866	108.462
2012	2.459.260.507 c	12.743.603.000	0,36% c	9,0%	4.069.342	115.798
2013	2.938.653.221 c	15.227.760.500	0,41% c	7,5%	4.629.167	127.441
2014	3.268.890.150 c	16.939.010.000	0,46% c	8,9%	5.074.559	148.465
2015	3.568.827.771 c	18.493.252.000	0,46% c	7,7%	6.689.185	167.320
2016	4.552.532.514 c	23.590.696.000	0,58% c	7,7%	7.198.987	178.978
2017	4.944.234.441 c	25.620.450.000	N/A	11,1%	7.560.371	157.442
2018	5.338.446.266	27.663.210.000 o	N/A	N/A	N/A	N/A

Last update: 30/11/2018

¹ 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

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

³ Total public funding as defined above as percentage of GDP at market prices

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

⁵ 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)

⁶ 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

c = corrected

f = forecast/estimate

p = provisional

o = officially announced figure



Public Funding Observatory 2018 UK - ENGLAND

Public funding to public universities

Figures for England cover the 133 HEIs receiving direct public funding from the Higher Education Funding Council for England (from 2018: the Office for Students). This excludes public funding provided on a competitive basis. Following reforms to student funding, a large and increasing proportion of public funding for teaching at HEIs in England has been replaced by financial support for students in the form of loans for tuition and living costs. Loans are subsidised by government. Recent estimates of the long term cost to government of these subsidies for full-time undergraduates is around 45% of loan outlay each year.



-52%

direct public funding over 9 years in nominal terms (2008-2017)



'Special case' system

Direct public funding does not include publicly subsidised student loans (see below).

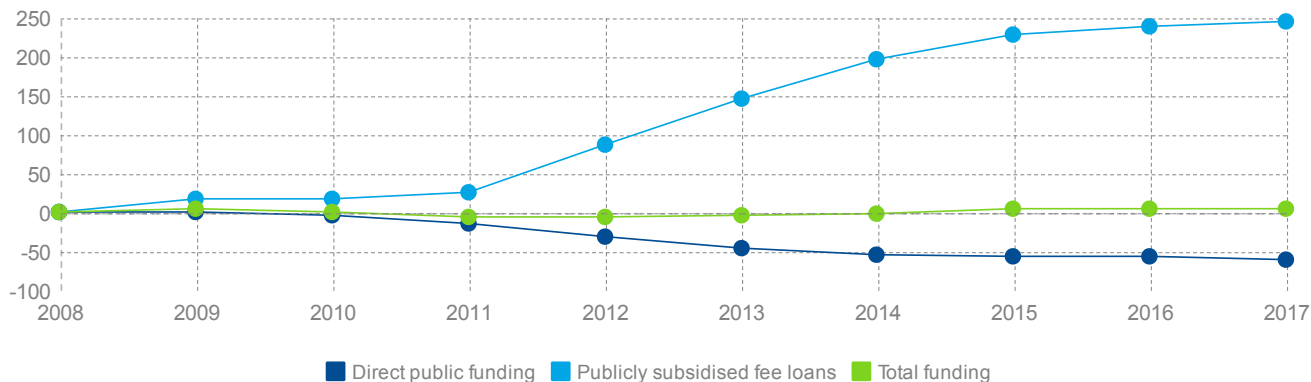


-60%

direct public funding over 9 years in real terms (2008-2017)

Funding volumes

(variation in percentage compared to 2008, real terms)



University demographics



+19% academic staff
between 2008/09 and 2016/17



+9% non-academic staff
between 2008/09 and 2016/17



+8% students
between 2008/09 and 2016/17

UNITED KINGDOM: England

Item	Total public funding (EUR) ¹	Direct public funding (in national currency) (GBP) ²	Public funding to HEIs for student loans (GBP) ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Universities UK	Universities UK	Eurostat	Universities UK	Universities UK
2008	8.111.121.992 c	7.097.214.000	1.914.300.000	3,6%	1.468.810	257.695 c
2009	8.320.167.086 c	7.280.128.000	2.309.100.000	2,2%	1.552.565	258.285 c
2010	8.233.995.442 c	7.204.728.000	2.385.385.380	3,3%	1.564.220	257.220 c
2011	7.645.795.114 c	6.690.054.000	2.637.918.154	4,5%	1.599.720	257.220 c
2012	6.291.589.443 c	5.505.127.000	4.063.966.935	2,8%	1.542.720	261.810 c
2013	5.170.272.354 c	4.523.977.000	5.474.267.719	2,6%	1.530.275	271.020 c
2014	4.303.595.902 c	3.765.637.000	6.699.921.996	1,5%	1.520.590	279.690 c
2015	4.183.205.887 c	3.660.296.000	7.404.138.222	0,0%	1.550.905	286.005 c
2016	4.080.363.344 c	3.570.309.000	7.701.217.231	0,7%	1.590.605	292.150
2017	3.917.724.080 c	3.428.000.000	8.044.682.197	2,7%	N/A	N/A
2018	3.716.877.530	3.252.259.708 o	N/A	N/A	N/A	N/A

Last update: 15/01/2019

¹ 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

² 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

³ Loans are repaid on an income contingent basis, and are subsidised by government (interest subsidy and write-off of unpaid loans).

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

⁵ 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)

⁶ 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 2018

UK - Northern Ireland

Public funding to public universities

The dataset for Northern Ireland covers the 5 HEIs, including the open university, that receive direct public funding from the Department for Employment and Learning in Northern Ireland. Following a funding reform in line with England, "direct public funding" figures exclude funding received from tuition fee loans provided for Northern Irish and EU students studying in Northern Ireland.



-16%
over 9 years in
nominal terms
(2008-2017)



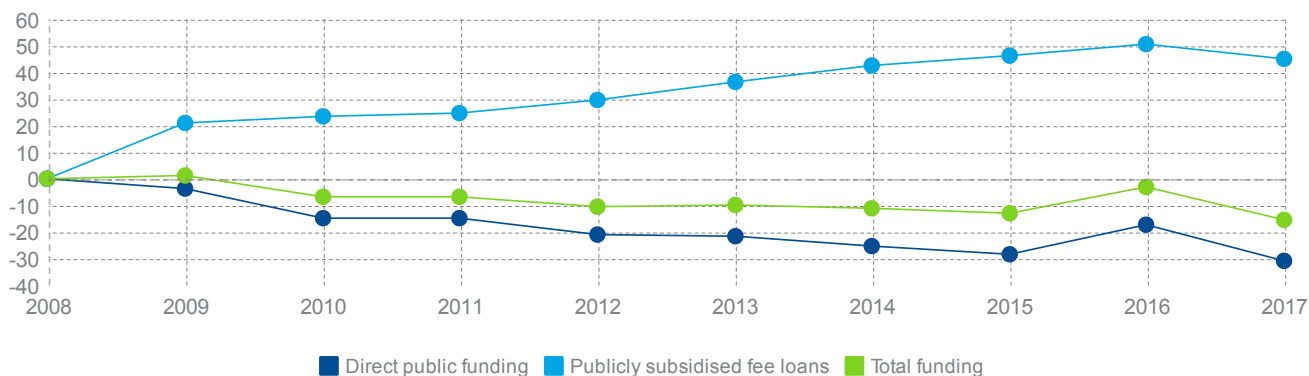
'Special case' system
Direct public funding does not include
publicly subsidised student loans
(see below).



-31%
over 9 years in real
terms
(2008-2017)

Funding volumes

(variation in percentage compared to 2008, real terms)



University demographics



-5% academic staff
between 2008/09
and 2016/17



-18% non-academic staff
between 2008/09
and 2016/17



+7% students
between 2008/09
and 2016/17

UNITED KINGDOM: Northern Ireland

Item	Direct public funding (EUR) ¹	Direct public funding (in national currency) (GBP) ²	Public funding to HEIs for student loans (GBP) ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Universities UK	Universities UK	Eurostat	Universities UK	Universities UK
2008	244.374.325 c	213.827.000	55.200.000	3,6%	39.760	6.820 c
2009	239.477.170 c	209.542.000	68.200.000	2,2%	40.905	6.845 c
2010	219.849.692 c	192.368.000 c	71.700.000	3,3%	40.350	6.640 c
2011	229.407.431c	200.731.000 c	75.750.163	4,5%	41.630	6.255 c
2012	218.143.403 c	190.875.000 c	81.187.746	2,8%	41.665	6.170 c
2013	222.257.699 c	194.475.000 c	87.660.996	2,6%	42.735	6.190 c
2014	215.733.111 c	188.766.000 c	92.942.563	1,5%	43.150	6.235 c
2015	205.379.942 c	179.707.000 c	95.374.867	0,0%	42.620	5.980 c
2016	240.665.745	210.582.000	98.588.064	0,7%	42.445	6.025
2017	205.730.976	180.014.154	97.734.882	2,7%	N/A	N/A
2018	N/A	N/A	N/A	N/A	N/A	N/A

Last update: 15/01/2019

¹ 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

² 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.

³ Loans are repaid on an income contingent basis, and are subsidised by government (interest subsidy and write-off of unpaid loans).

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

⁵ 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)

⁶ 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 2018 UK - SCOTLAND

Public funding to public universities

Figures cover the 19 Scottish HEIs that are funded through the Scottish government, since 2010. Competitive funding from the UK research councils is not included. Figures represent all funding from the Scottish Funding Council and the Student Awards Agency (SAAS) for the Fee element of funding. The SAAS funding is assumed to be £240m per annum in each year as the fee per student has been frozen since 2010. Scottish universities have increased levels of borrowing significantly as they look to pursue their strategies. At least half of the institutions in the sector have recorded a budget deficit over recent years. The system is facing significant challenges to its sustainability and competitiveness.



-1%
over 7 years in
nominal terms
(2010-2017)



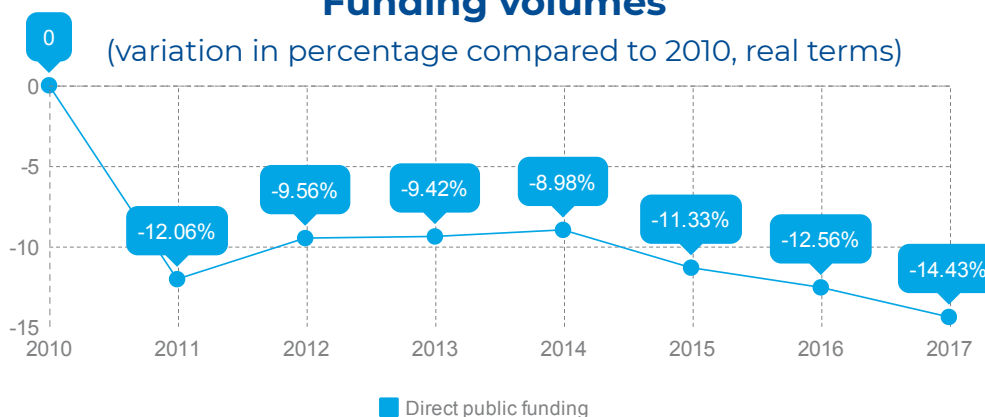
Declining system under pressure

Funding cuts outpacing
decline in student numbers



-14%
over 7 years in real
terms
(2010-2017)

Funding volumes



University demographics



+11% academic staff
between 2008/09
and 2016/17



+4% non-academic staff
between 2008/09
and 2016/17



-7% students
between 2010/11
and 2016/17

UNITED KINGDOM: Scotland

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (GBP) ²	Total public funding as percentage of GDP ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Universities UK / Universities Scotland	Eurostat (for GDP at market prices)	Eurostat	Universities UK / Universities Scotland	Universities UK / Universities Scotland
2008	N/A	N/A	N/A	3,6%	N/A	35.864
2009	N/A	N/A	N/A	2,2%	N/A	35.400
2010	1.500.003.750 c	1.312.500.000 c	1,05% c	3,3%	147.975 c	34.423
2011	1.378.517.732 c	1.206.200.000 c	0,94% c	4,5%	146.225 c	33.810
2012	1.457.375.072 c	1.275.200.000 c	0,91% c	2,8%	141.400 c	35.279
2013	1.497.489.458 c	1.310.300.000 c	0,93% c	2,6%	138.290 c	37.007
2014	1.527.318.104 c	1.336.400.000 c	0,85% c	1,5%	137.140 c	38.232
2015	1.488.003.720 c	1.302.000.000 c	0,74%	0,0%	135.150 c	38.398
2016	1.477.603.694 c	1.292.900.000 c	0,80%	0,7%	137.480	38.350
2017	1.485.032.284 c	1.299.400.000 c	N/A	2,7%	139.120	N/A
2018	1.492.803.732 c	1.306.200.000 o	N/A	N/A	N/A	N/A

Last update: 19/02/2019

¹ 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

² Public funding provided to the 19 Scottish HEIs from the Scottish government. Competitive funding and additional funding for controlled subject not included. Figures represent Scottish Funding Council revenue and capital budget (excluding Financial Transactions) as announced in the Scottish Government Budget. For each year an assumed £240m is included for the Student Awards Agency for Scotland (SAAS) Fee element of funding. The individual student fee has been frozen since 2010.

³ Total public funding as defined above as percentage of GDP at market prices

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

⁵ Total 'students eligible for funding' as published by the Scottish funding Council. The figure is for undergraduate and taught postgraduate. Student numbers are reported per academic year (2008 = academic year 2008/2009)

⁶ 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 2018 UK - WALES

Public funding to public universities

Figures represent direct public funding allocated by the Higher Education Funding Council for Wales to the 9 Welsh HEIs for teaching and research since 2010. Following a funding reform in line with England, "direct public funding" figures 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. The Welsh sector is transitioning to a new student funding model (mix of grants and loans). Corrective funding increases are expected to redress previous cuts, notably to capital and infrastructure.



-69%
over 7 years in nominal terms (2010-2017)



'Special case' system

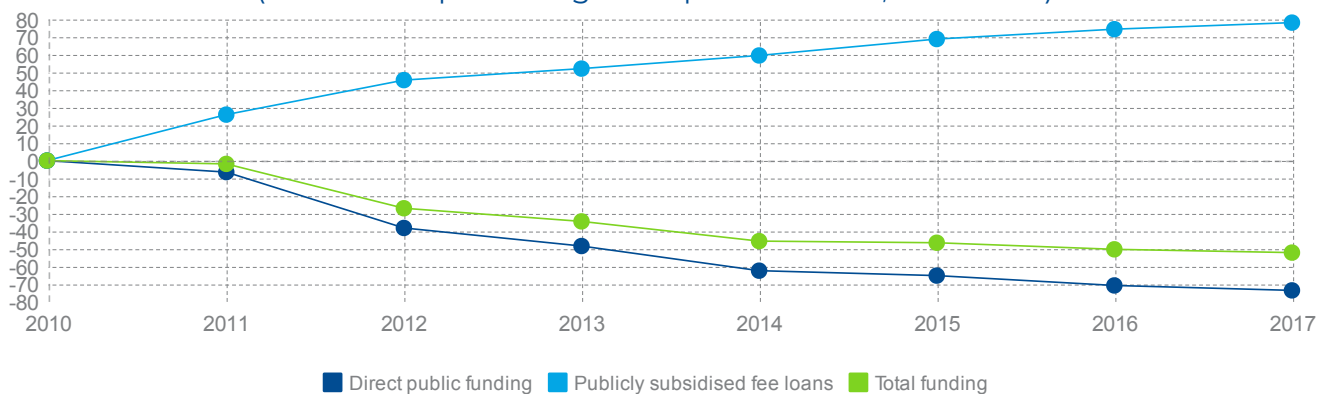
Direct public funding does not include publicly subsidised student loans (see below).



-74%
over 7 years in real terms (2010-2017)

Funding volumes

(variation in percentage compared to 2010, real terms)



University demographics



+14% academic staff
between 2008/09 and 2016/17



+4% total staff
between 2008/09 and 2016/17



-2% students
between 2010/11 and 2016/17
(+5% from 2008/09 to 2016/17)

UNITED KINGDOM: Wales

Item	Total public funding (EUR) ¹	Total public funding (in national currency) (GBP) ²	Public funding to HEIs for student loans (GBP) ³	Inflation rate ⁴	Student numbers ⁵	Staff numbers ⁶
Sources	European Commission official exchange rate June 2018	Universities UK	Universities UK	Eurostat	Universities UK	Universities UK
2008	N/A	N/A	N/A	3,6%	96.960	15.925 c
2009	N/A	N/A	N/A	2,2%	103.700	15.875 c
2010	451.597.359 c	395.146.701 c	64.600.000	3,3%	103.820	15.920 c
2011	439.645.051 c	384.688.458 c	84.700.000	4,5%	105.870	16.110 c
2012	295.747.282 c	258.778.225 c	100.600.000	2,8%	105.220	16.180 c
2013	256.024.339 c	224.020.737 c	108.190.009	2,6%	106.205	16.545 c
2014	185.901.202 c	162.663.145 c	115.208.332	1,5%	103.380	16.885 c
2015	172.179.674 c	150.656.838 c	121.502.157	0,0%	100.495	16.690 c
2016	145.813.442 c	127.586.443 c	126.910.208	0,7%	N/A	17.285
2017	137.949.789 c	120.705.764 c	133.123.067	2,7%	102.120	N/A
2018	157.914.854	138.175.151 o	N/A	N/A	N/A	N/A

Last update: 15/01/2019

¹ 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

² 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

³ Loans are repaid on an income contingent basis, and are subsidised by government (interest subsidy and write-off of unpaid loans).

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

⁵ 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)

⁶ 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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